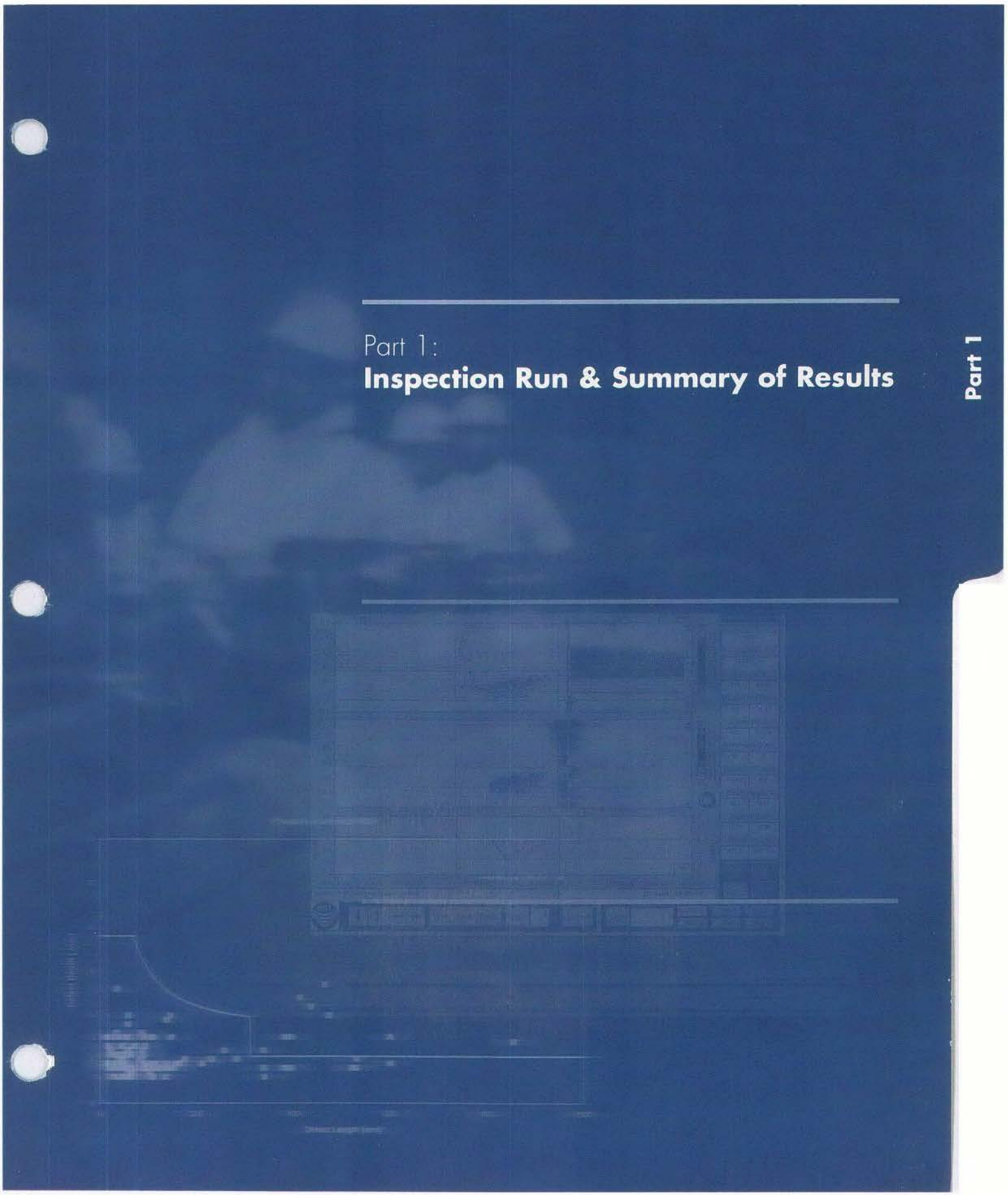

Part 1:
Inspection Run & Summary of Results

Part 1

Part 1: Inspection Run & Summary of Results

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1 Scope of Inspection

ExxonMobil Pipeline Company contracted NDT Systems and Services to perform an HR Plus & Def with INS/GPS survey for a 330.4 mile section of the 20" Pegasus Crude Oil System, from Conway to Corsicana. The primary objectives of this survey are to:

- Collect and analyze magnetic flux leakage data for anomalies.
- Collect and analyze deformation data for mechanical deviations.
- Collect and analyze inertial data for pipeline mapping.

2 Operational Details

2.1 Pipeline and Medium Information

Pipeline Name	Pegasus Crude Oil System
Launch – Trap	Conway – Corsicana
Length of Inspected Pipeline Section	330.4 miles
Pipeline Diameter	20"
Wall Thickness(es)	.312, .281, .344, .375, .500
Weld Type(s)	X42, X46, X52, B
Pipe Grade(s)	ERW, DSAW, SMLS
Usual Medium	Crude oil
Medium Used for Inspection	Crude oil
Average Flow Velocity during Inspection	1.77 mph (MFL)
	2.03 mph (INS)

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2.2 Inspection Run Details

An inspection run was performed from 13 – 21 Jul 2010. The 20" 1½D Combo tool was launched on 13 Jul at 10:41 a.m. and trapped on 21 Jul at 5:41 a.m. Crude oil propelled the tool for 187 hours at an average speed of 1.77 mph, which is within the acceptable speed range of 0.5–7 mph. The tool functioned according to specification with regards to its MFL and deformation components; the INS module failed at launch, necessitating another survey to obtain the INS data. It was reported by the field crew that the tool was in very good condition. There was no debris present. Of the 251 AGM sites deployed, 74 were not detected.

An INS inspection run was performed from 29 Oct – 05 Nov 2010. The Linalog Centerline tool was launched on 29 Oct at 9:06 a.m. and trapped 05 Nov at 4:15 a.m. Crude oil propelled the tool for 163 hours and 9 minutes at an average speed of 2.03 mph, which is within the acceptable speed range of 0.5–15 mph. The tool functioned according to specification and was in good condition at trap. There was no debris present. All (170) AGM sites were detected.

2.3 Data Quality

MFL – During the inspection run from 13 – 21 Jul 2010, data were recorded by all channels, covering the complete circumference and the entire length of the pipeline. The data were downloaded from the recorder flash drive to a hard drive, converted with the LinaView software suite, and inspected by NDT personnel in the field. Internal diagnostics on the tool and visual inspection confirmed that the data quality was acceptable for full circumferential analysis. This survey (Job #: 10906.01) was accepted as the MFL Log of Record.

INS – During the inspection run from 29 Oct – 05 Nov 2010, data were recorded by all channels, covering the complete circumference and the entire length of the pipeline. The data were downloaded from the recorder flash drive to a hard drive, converted with the LinaView software suite, and inspected by NDT personnel in the field. Internal diagnostics on the tool and visual inspection confirmed that the data quality was acceptable for analysis. This survey (Job #: 14906.01) was accepted as the INS Log of Record.

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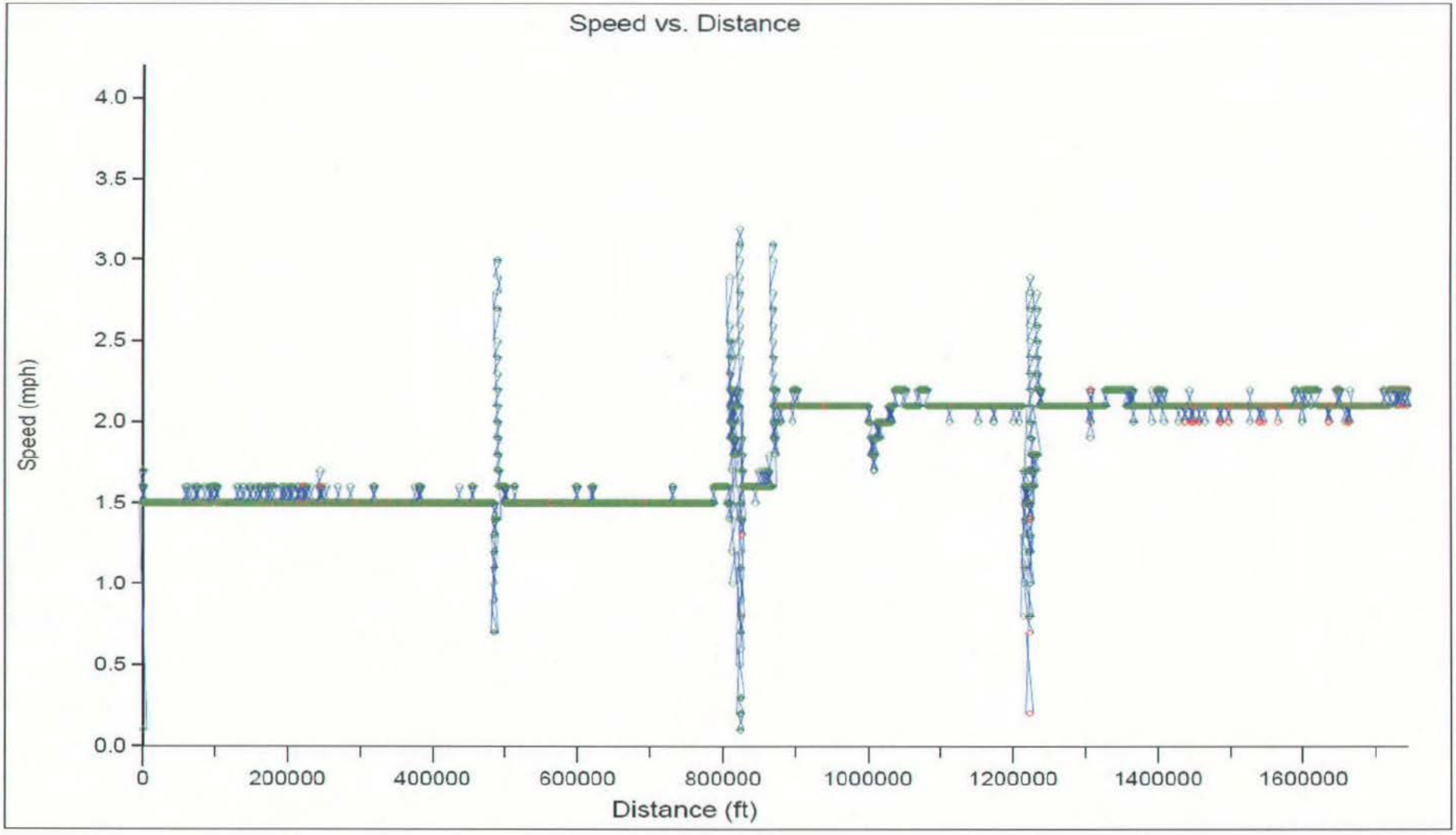
2.4 Speed Profile



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3 Summary of Results

3.1 Reporting Criteria

The data were analyzed using the following criteria:

HR Plus

- Minimum depth reporting threshold of 15%.
- Interaction rule of 1" axial by 6t circumferential (where t is wall thickness).
- Remaining strength calculation utilizing Modified B31G 0.85dl[1].
- ERF pressure ratio, where ERF = $\frac{MAOP}{Est.SafeOperating\,\mathrm{Pr}essure}$.
- MAOPs of 943, 1040, 1134, & 1512 psi.

Deformation

- All I.D. reductions **equal to or greater than 0.4"** and not exceeding the length of 1.5 times the pipeline diameter will be reported as a **"DENT."** An indication of this type will appear as **"DENT"** on both the data and the spreadsheets.
- Ovalities will be reported when there is **a total diameter reduction of 1.2" (6% of the nominal diameter of the pipe)** and they are not associated with a reported dent meeting the criteria above. These will appear as **"OVAL"** on both the data and the spreadsheet.
- Dents that are below the above-stated reporting criteria but interact with a separate feature such as a weld, or if there is interaction with metal loss from a correlated MFL or UM tool, the indication will be reported as **"Dent"** and commented as **"Dent BRC"** on both the data and the spreadsheets, with no depths or lengths applied.
- Mechanical damage indications that are not dents but interact with a separate feature such as a valve or a heavy weld anomaly will be reported as **"Undefined."**

[1] J.F. Kiefner and P.H. Vieth: A Modified Criterion for Evaluating the Strength of Corroded Pipe, Final Report for Project PR 3-805 to the Pipeline Supervisory Committee of the American Gas Association, Battelle, Ohio, 1989

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3.2 Results

Metal Loss

Grade 1 Joints	Grade 2 Joints	Grade 3 Joints	Grade 4 Joints	Grade 5 Joints
<30% Pipe Wall Loss	30-39% Pipe Wall Loss	40-49% Pipe Wall Loss	50-59% Pipe Wall Loss	>60% Pipe Wall Loss
1830	**151**	**34**	**5**	**2**

The results listed above are the total number of graded joints in this section of pipeline. Please note, however, that multiple anomalies may be located in one joint of pipe. For a detailed listing of the graded joints, see the LinaView Pipeline Register. Anomaly interactions are estimated using the 1" x 6t criterion.

Deformation

Dents	**11**
Ovalities	**0**
Below Minimum Reporting Criteria (Occurring on a Girth Weld)	**9**
Below Minimum Reporting Criteria (Occurring on the Long Seam Weld)	**2**
Below Minimum Reporting Criteria (Associated with Metal Loss)	**3**

The data interpretations, calculations, analyses, predictions, reports, and records provided by NDT and the software provided by NDT, regarding the conditions of the pipeline surveyed, as well as other recommendations by NDT, shall be the good-faith opinions of NDT and shall not be construed as a warranty or guarantee of the structural condition of the pipeline or the merchantability, quality, productiveness, fitness for use, or any other conditions of the pipeline. NDT shall in no event be liable for any consequential damages.

3.3 Special Report Notations

- To indicate areas of corrosion, legible areas of the log between 0.5 and 15 mph were graded. If/when one asterisk (*) appears in the LinaView Pipeline Register speed column, it indicates the Linalog tool was traveling beyond the normal speed range and between 7 and 15 mph. In these areas, depth predictions may not be within tolerances.
- There are **5** anomalies that meet the defined criteria, 4 of which were reported to ExxonMobil Pipeline in an electronic Preliminary Report dated 23 Aug 2010.
- Revision Ba contains updated GPS coordinates per client's request.

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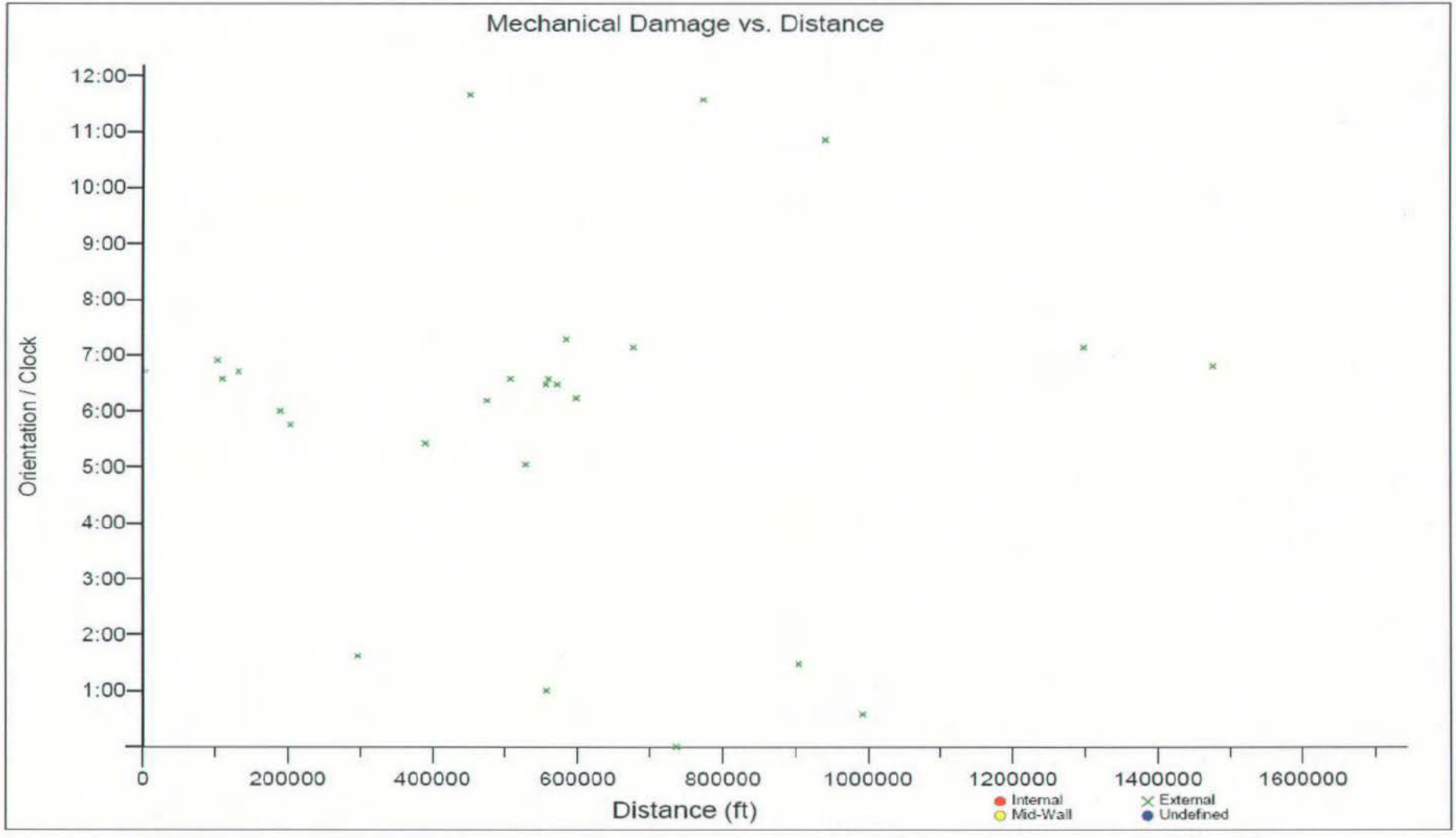
3.4 Charts



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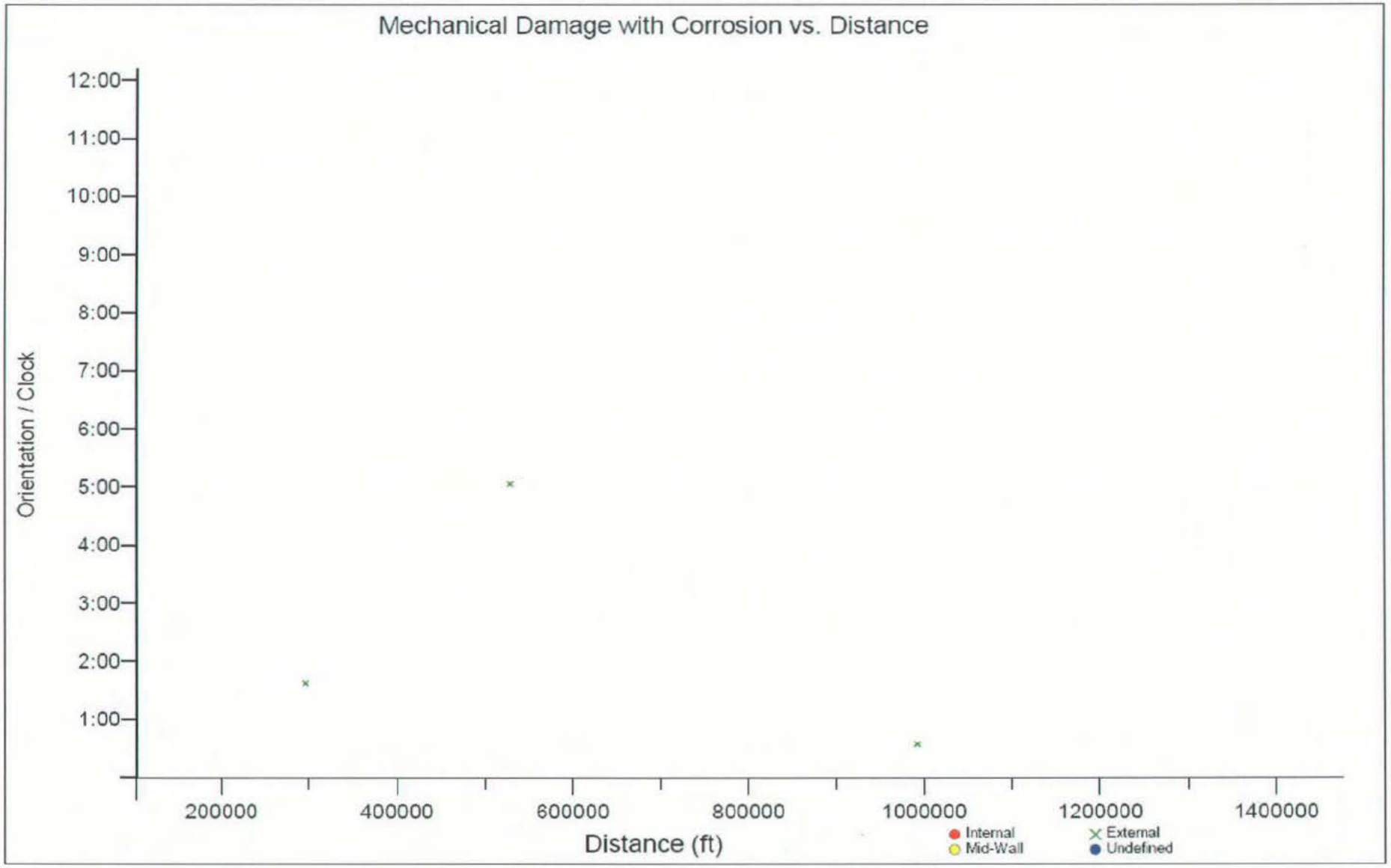

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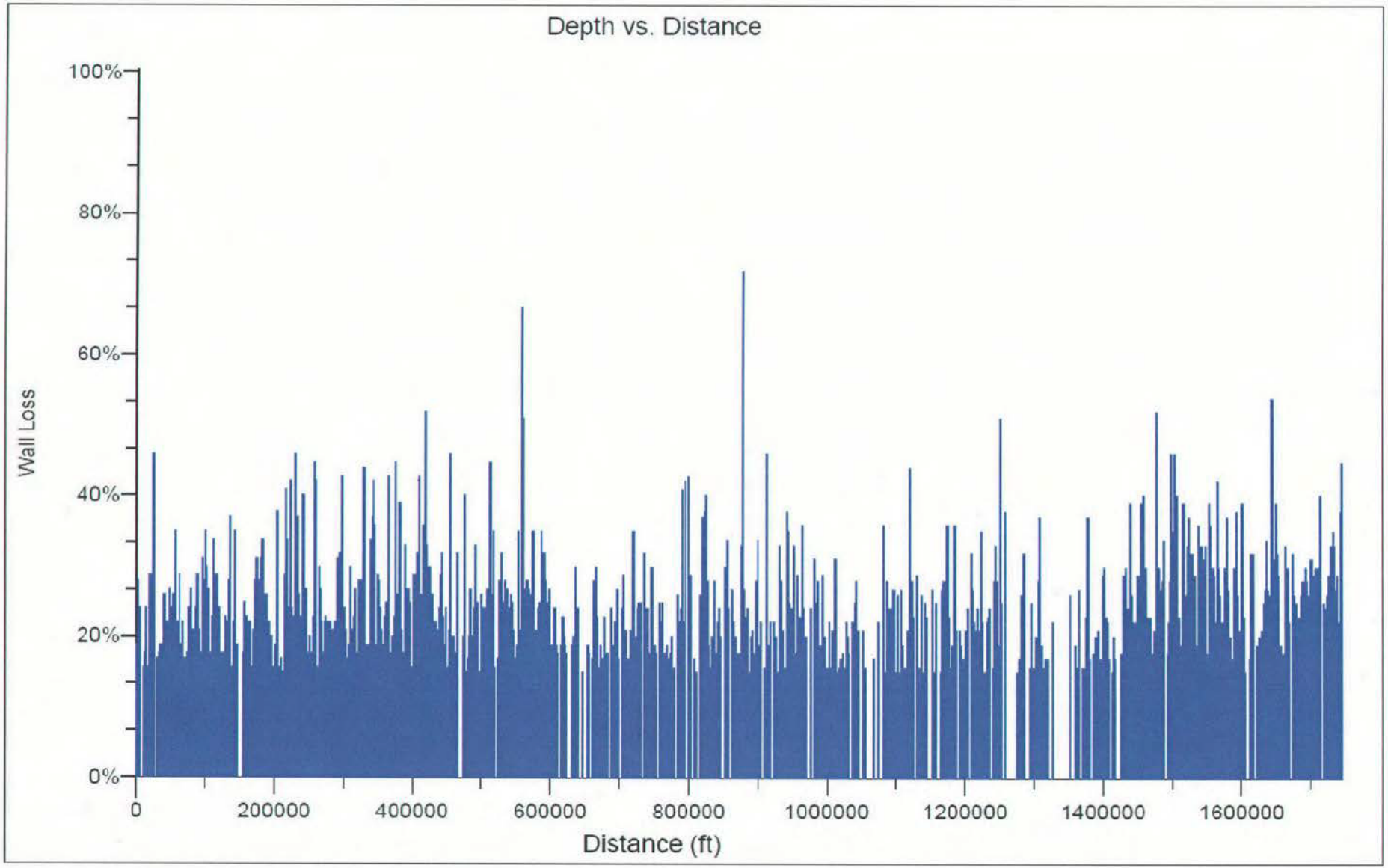

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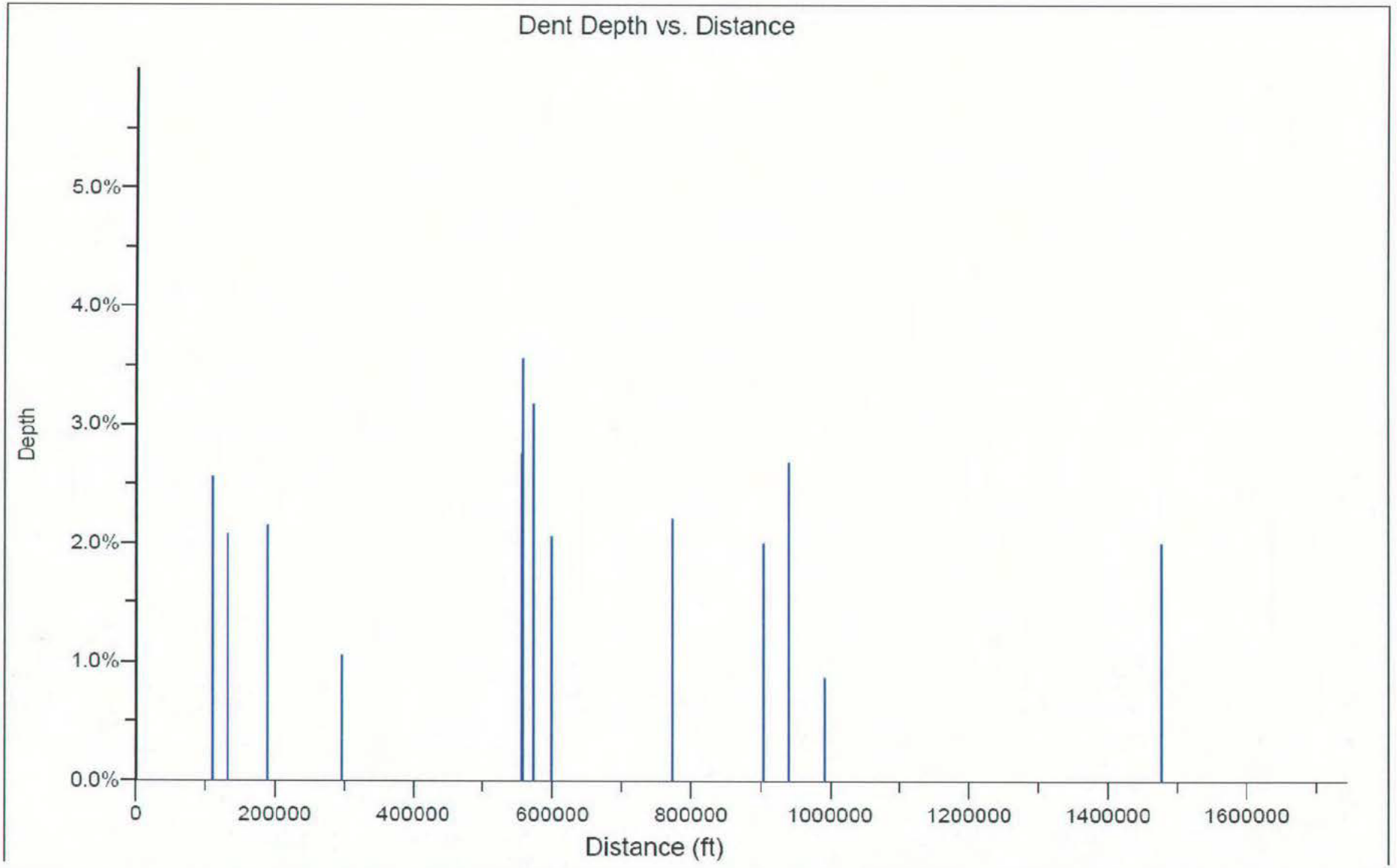

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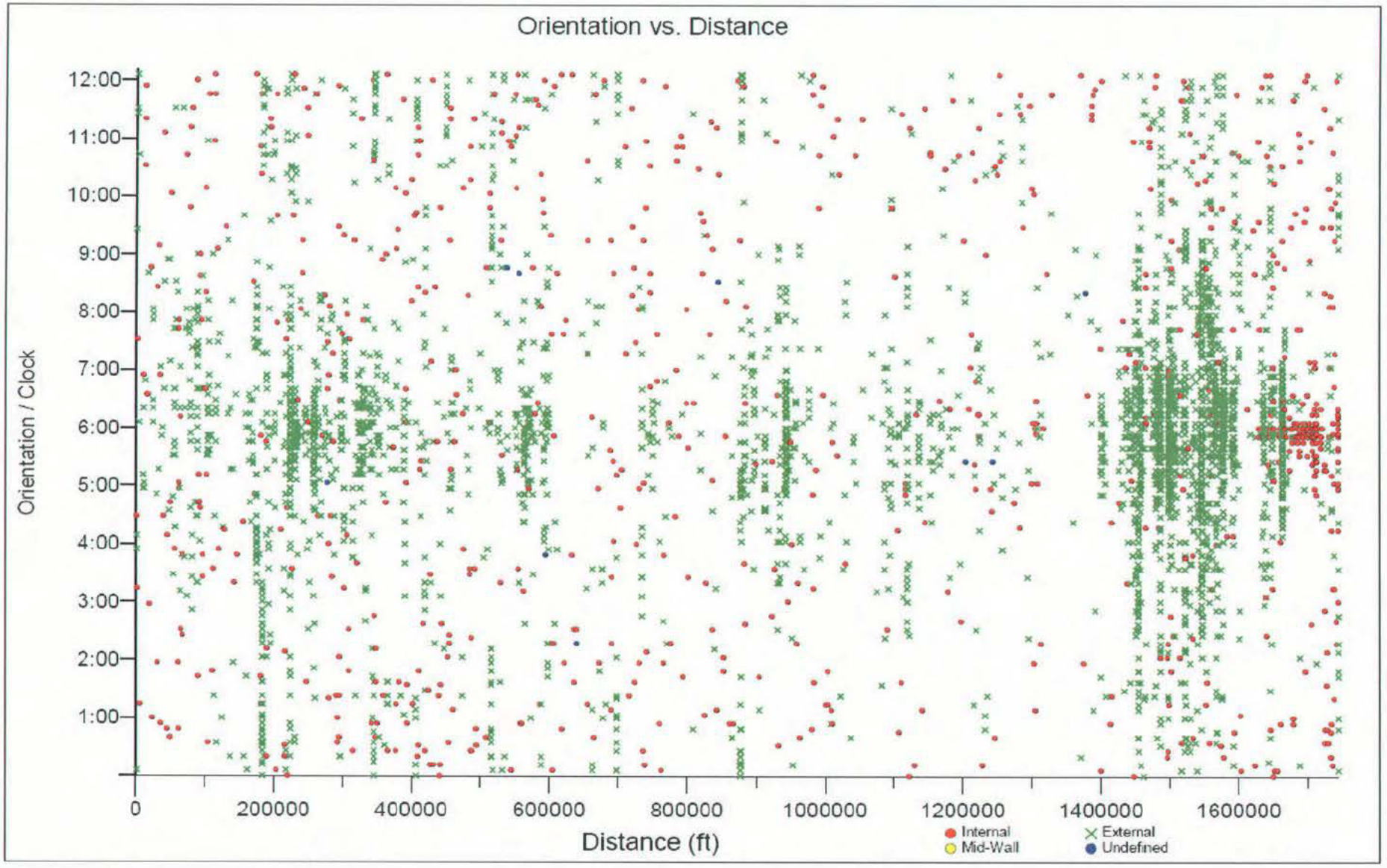

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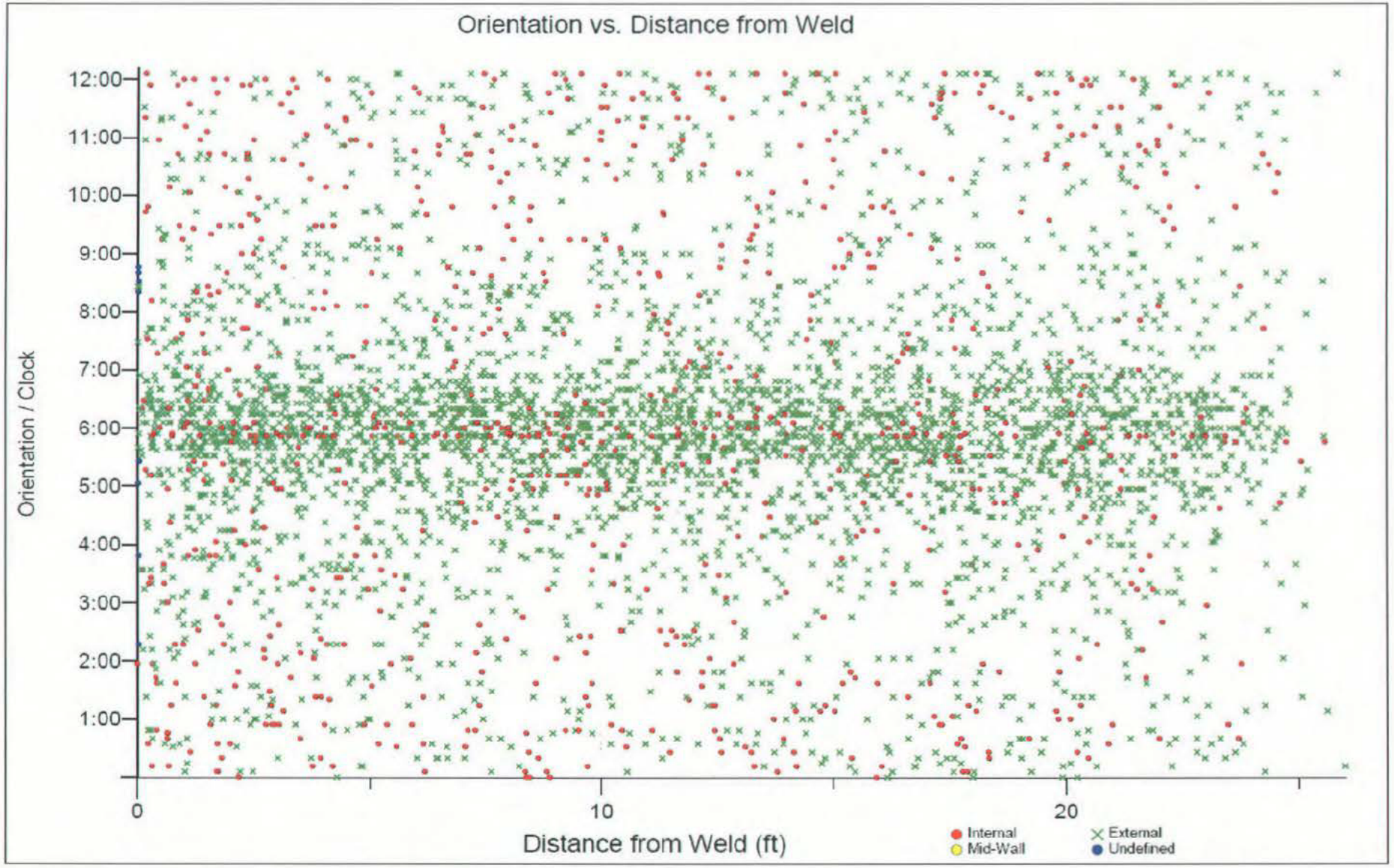

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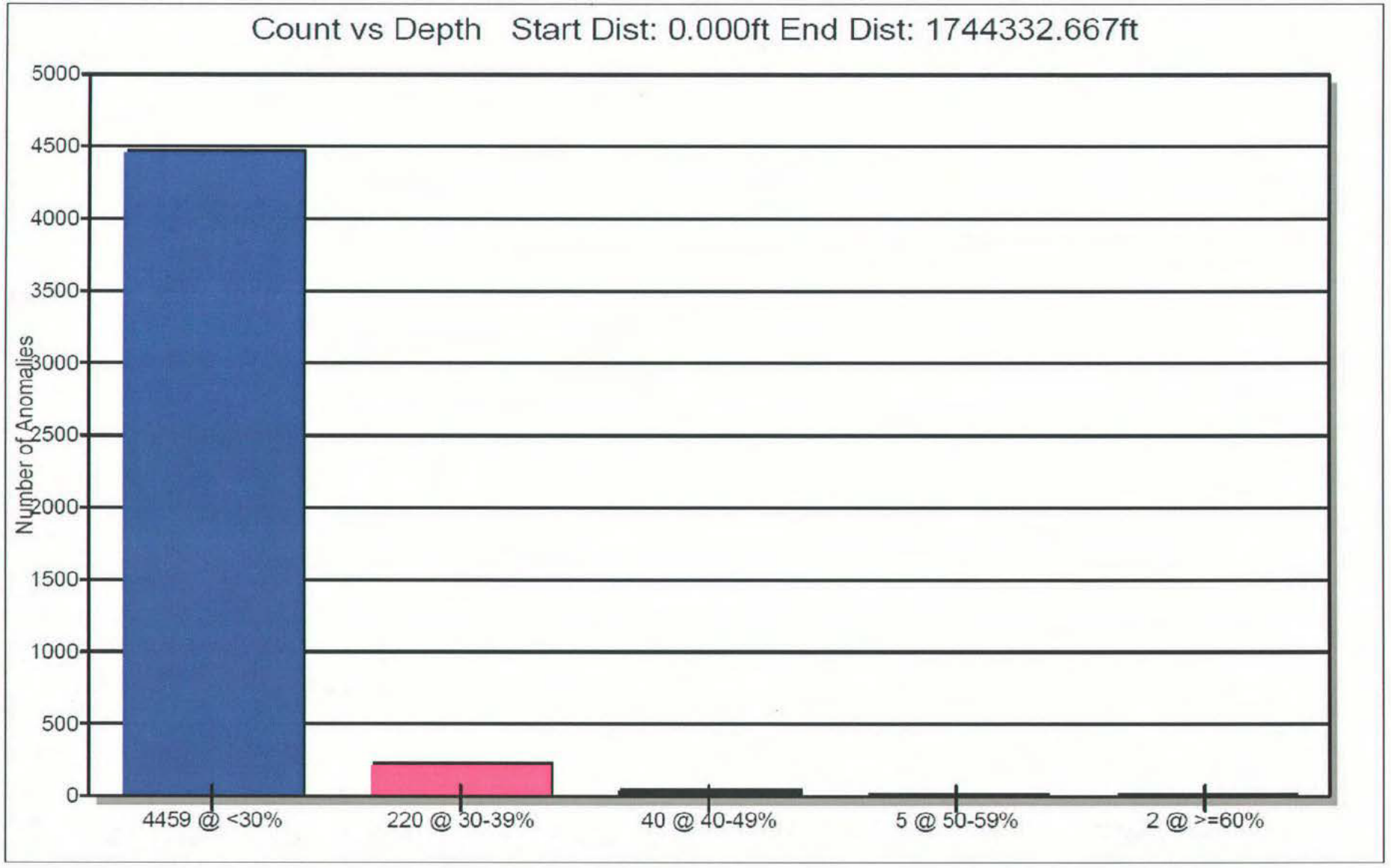

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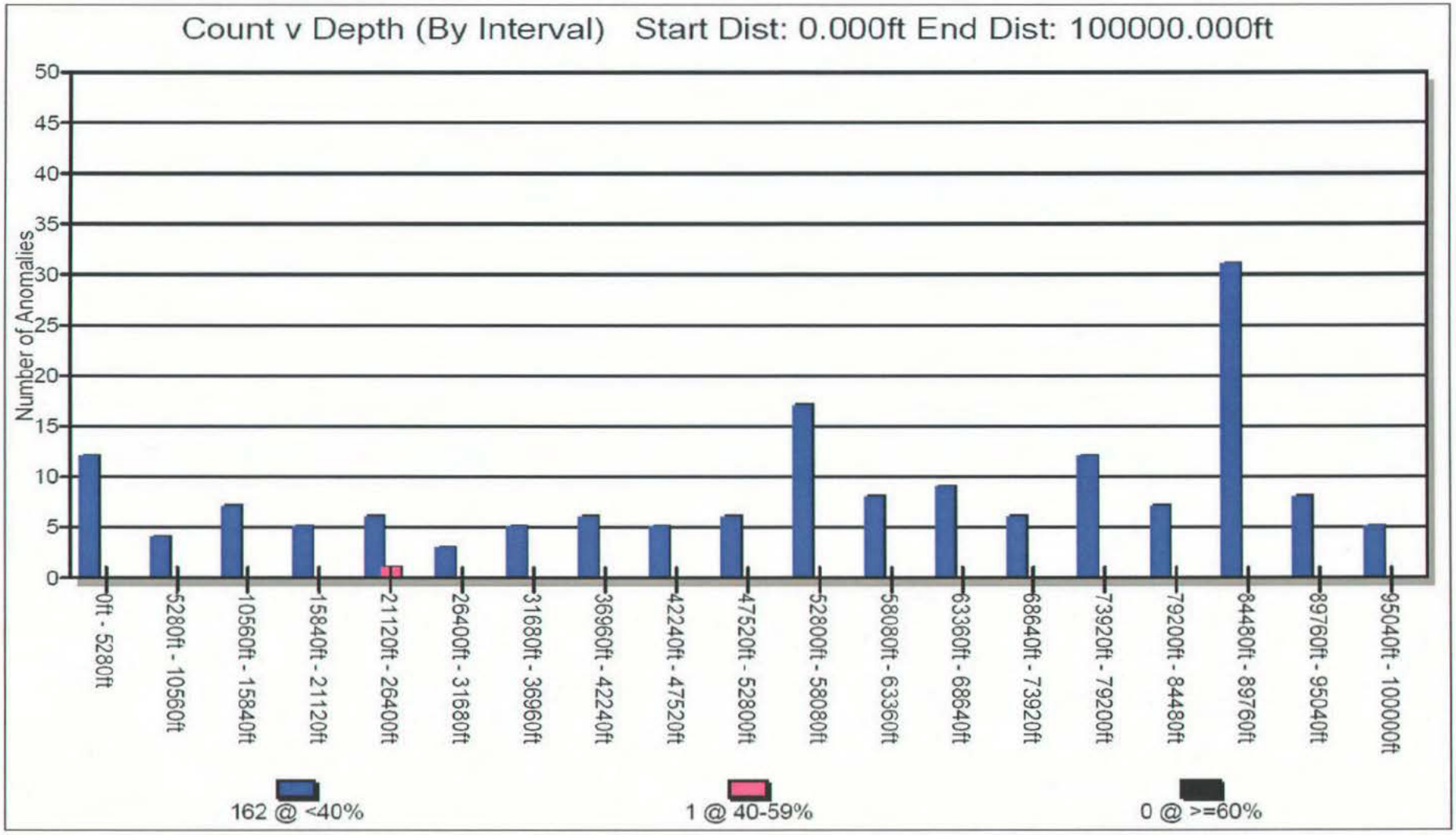
3.5 Histograms – By Depth & Pressure



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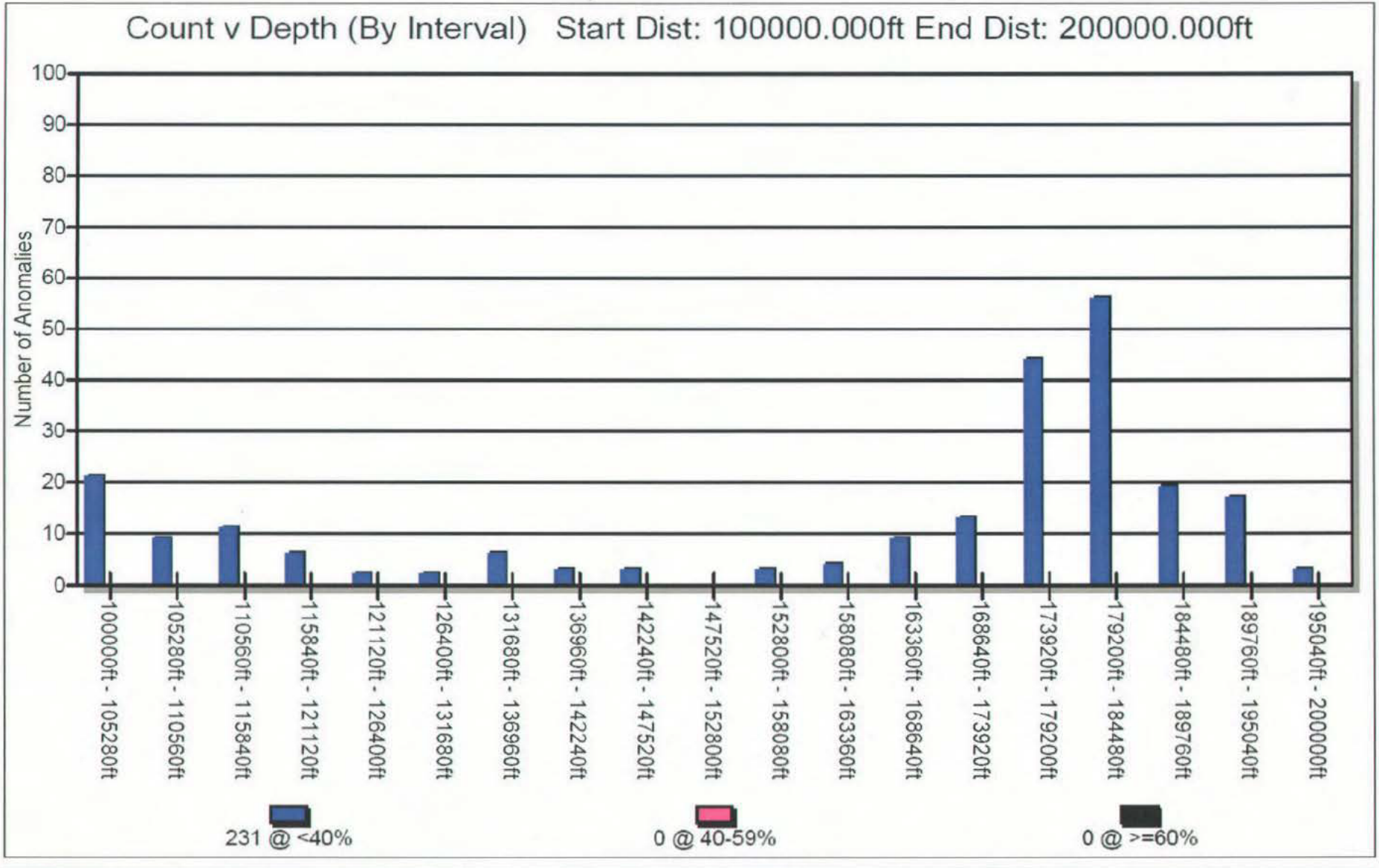

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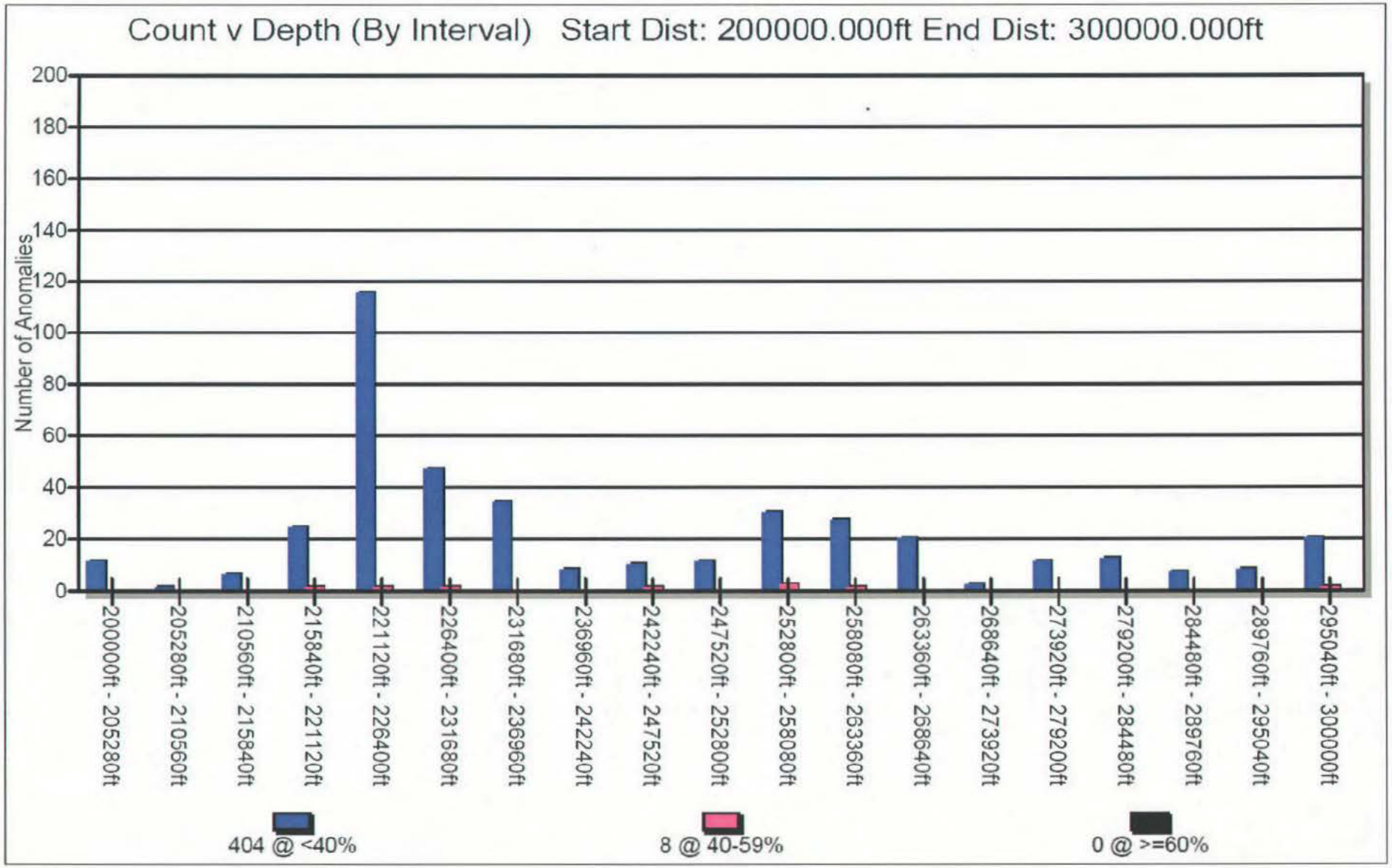

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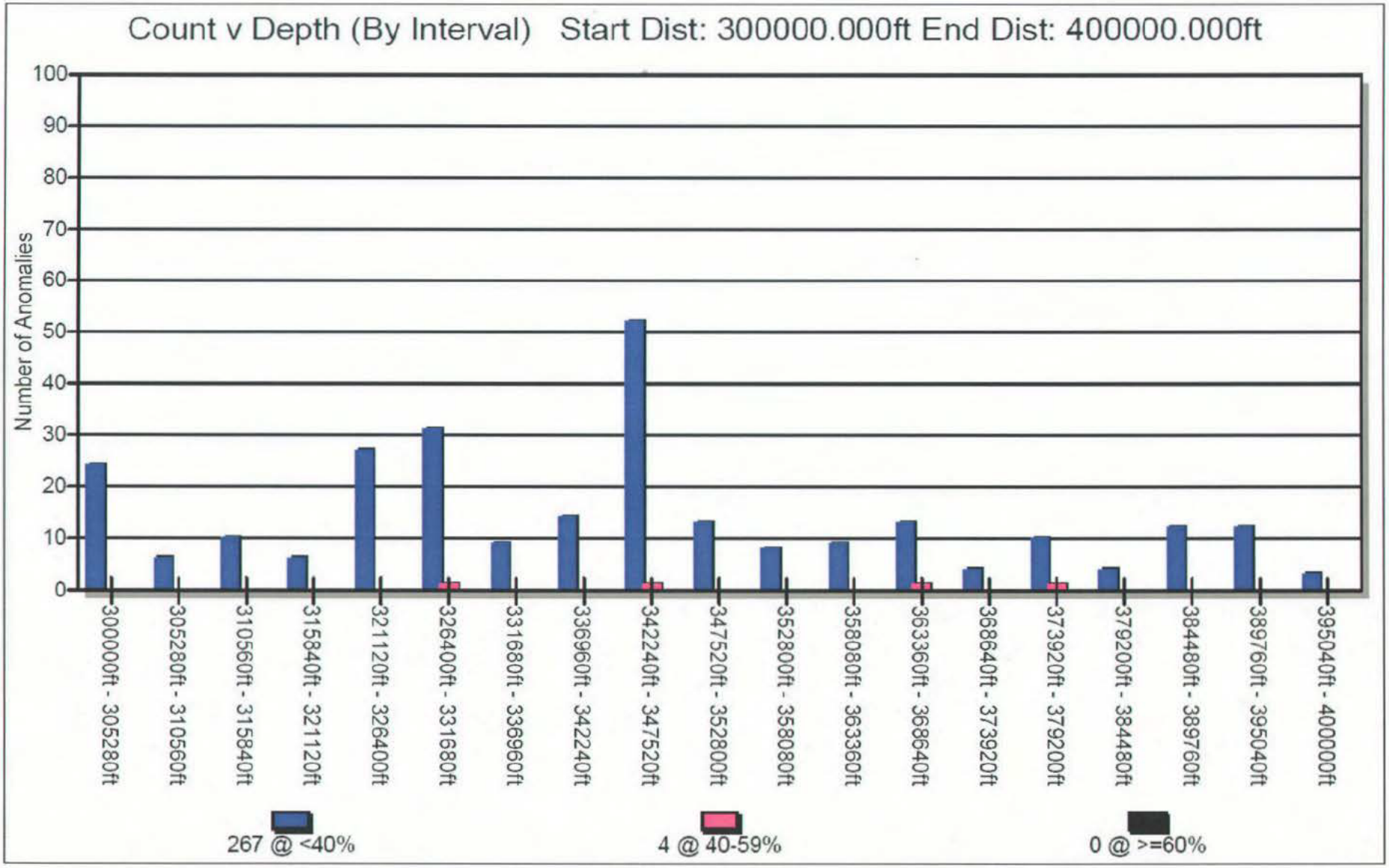

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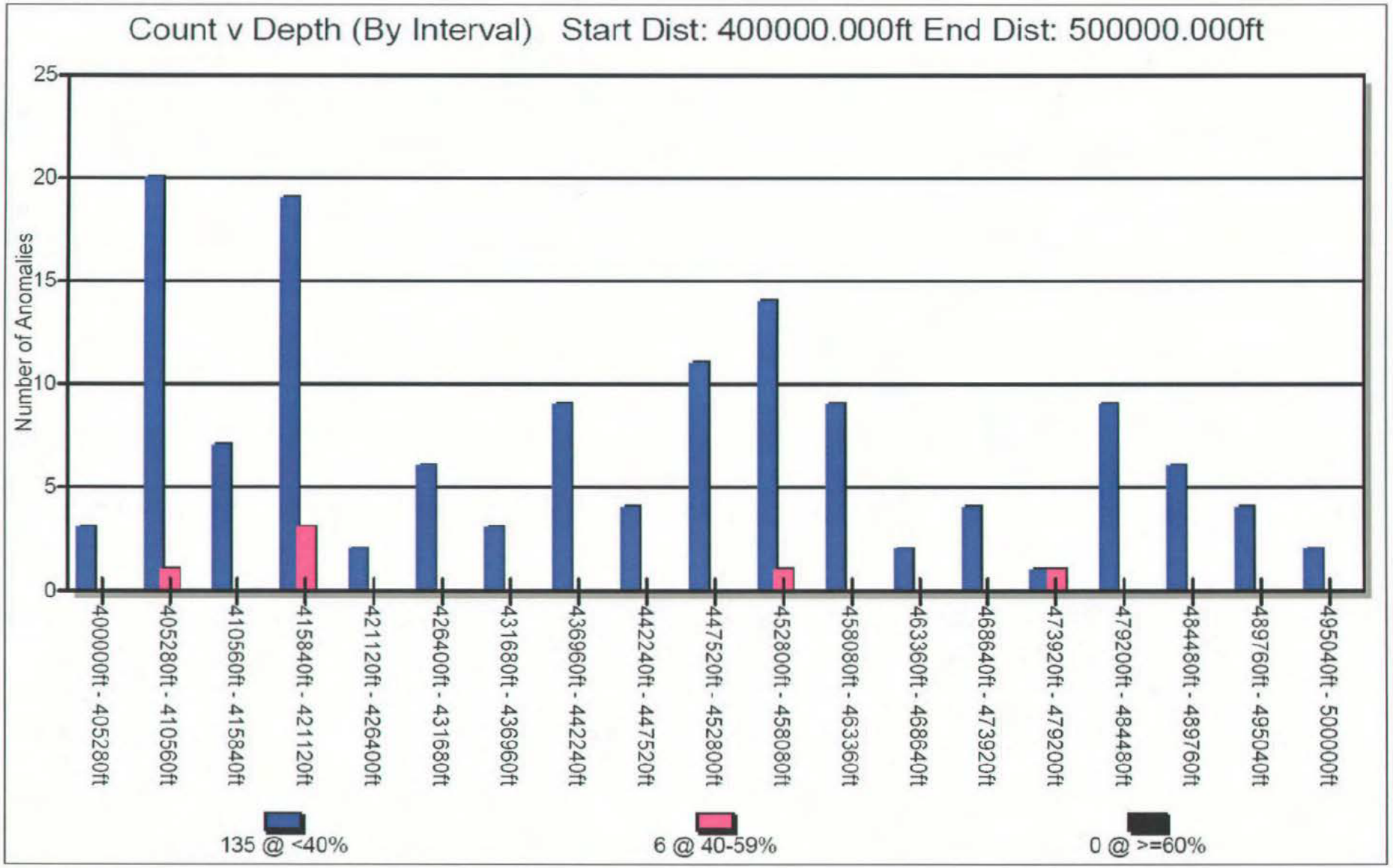

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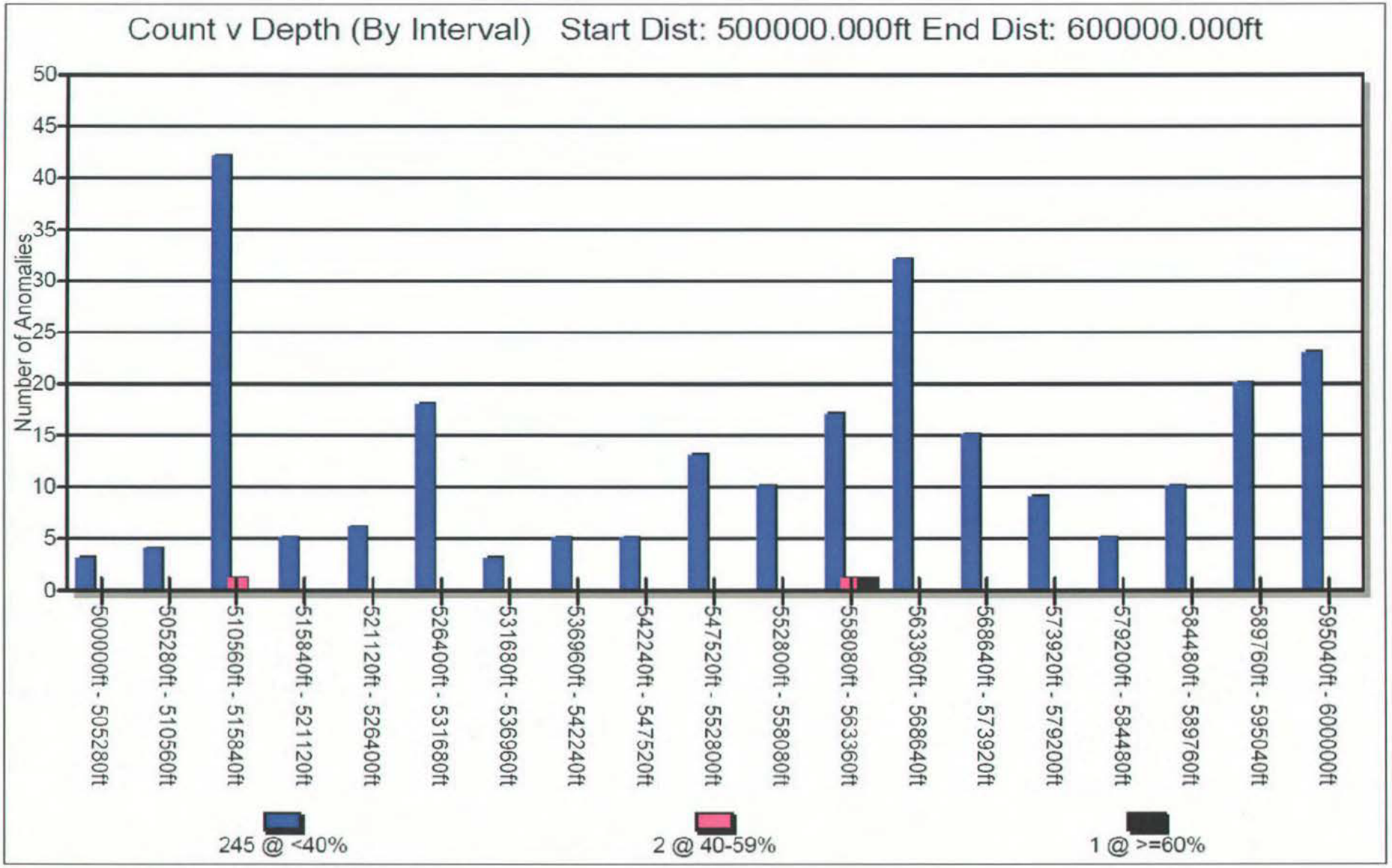

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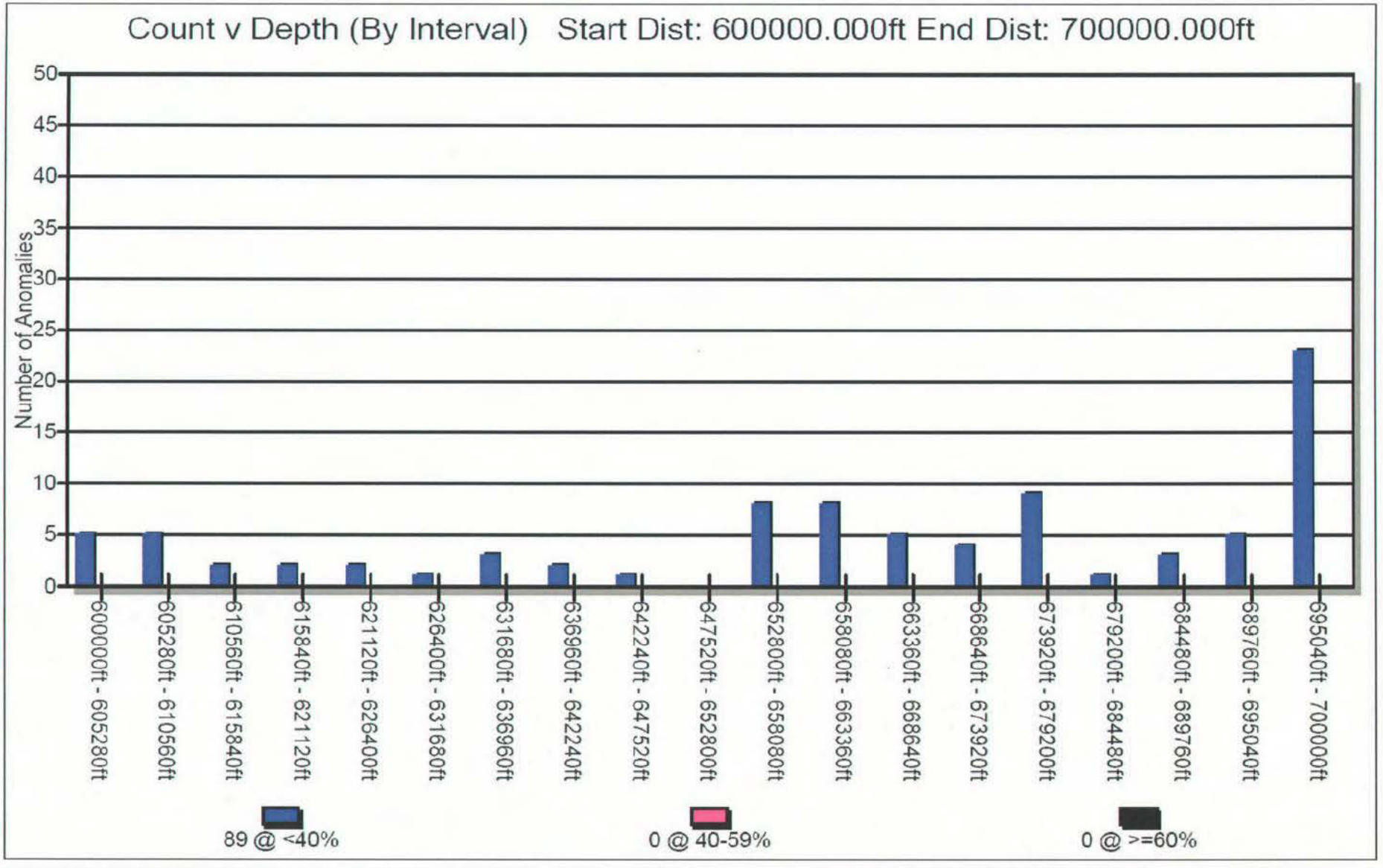

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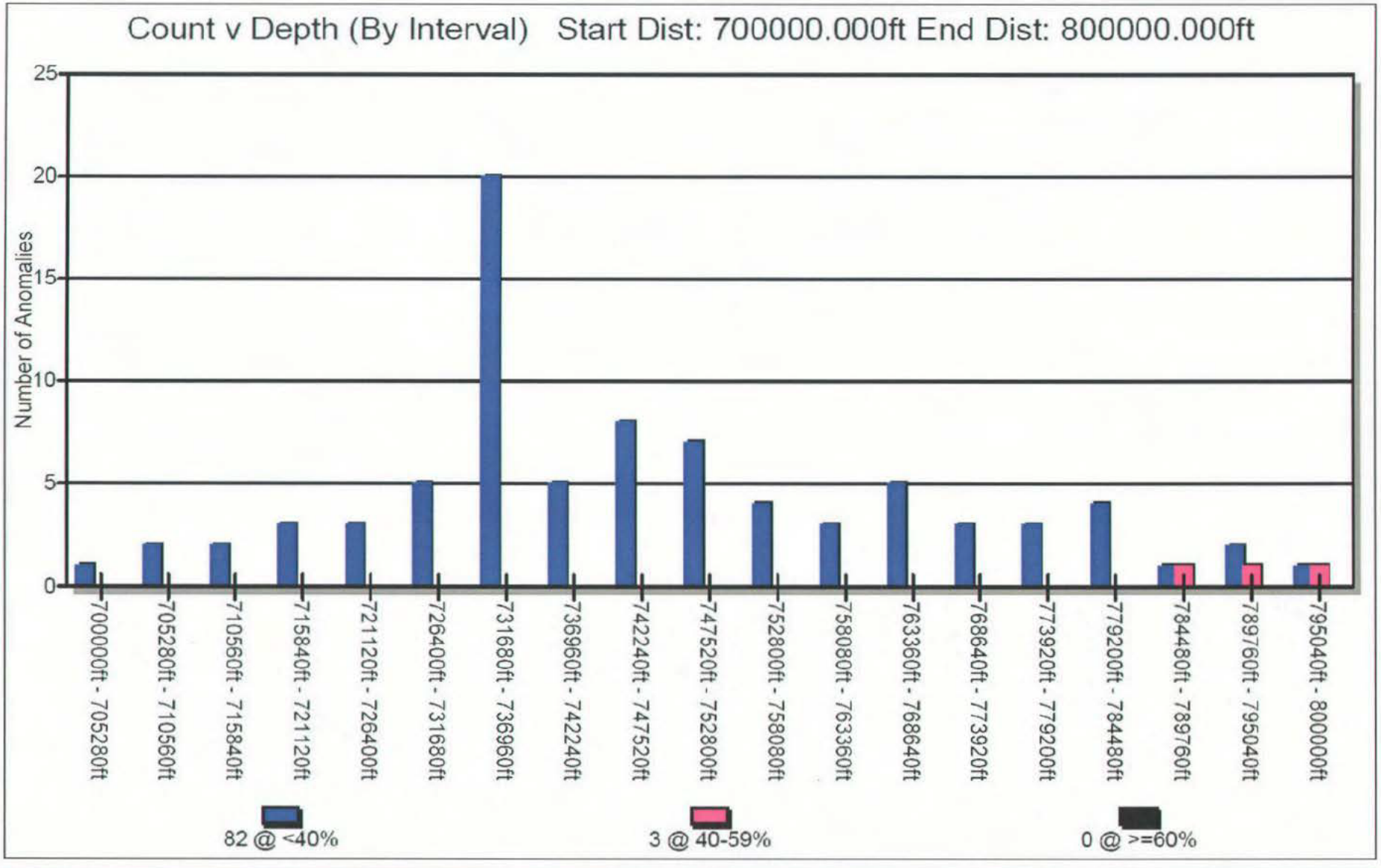

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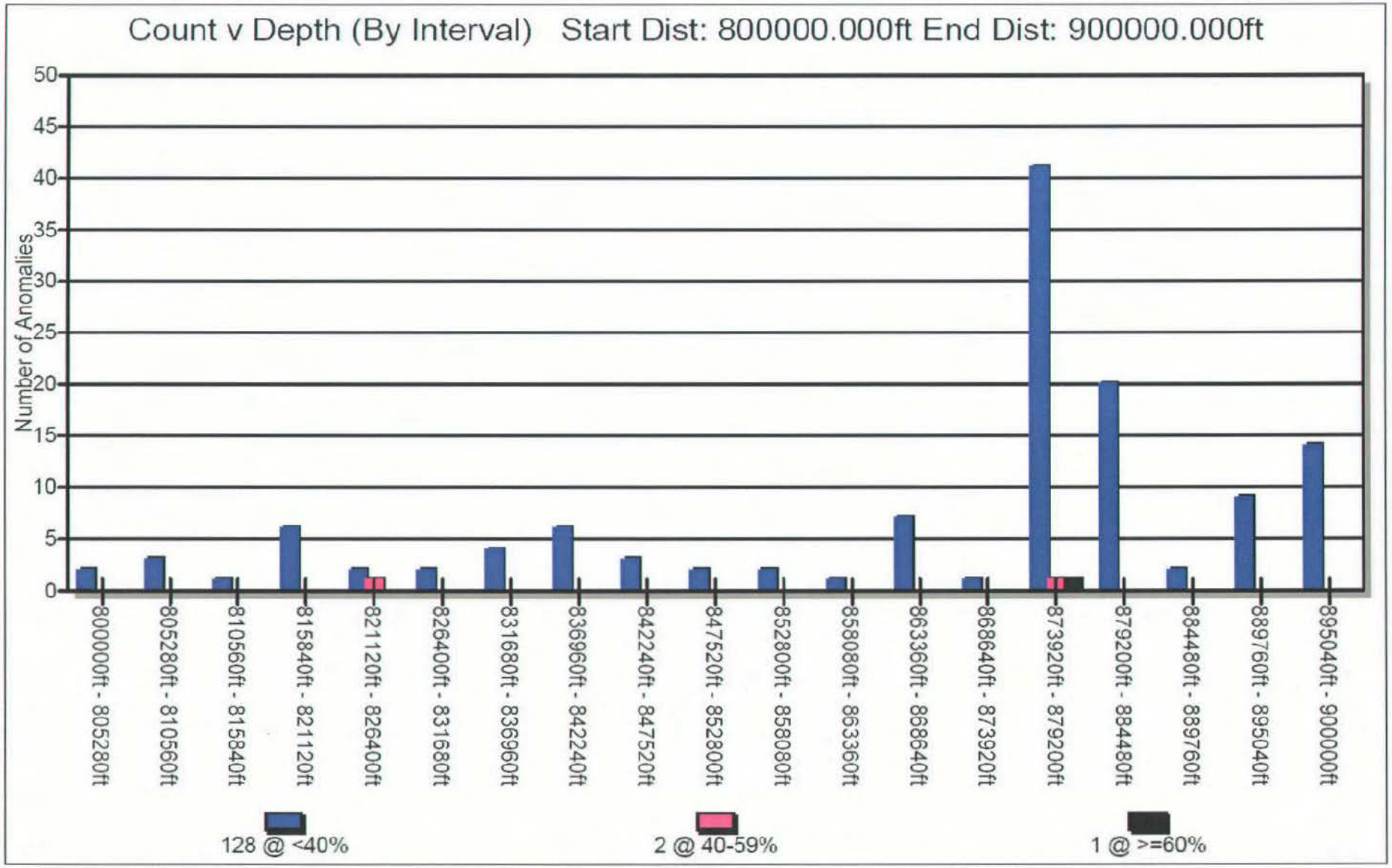

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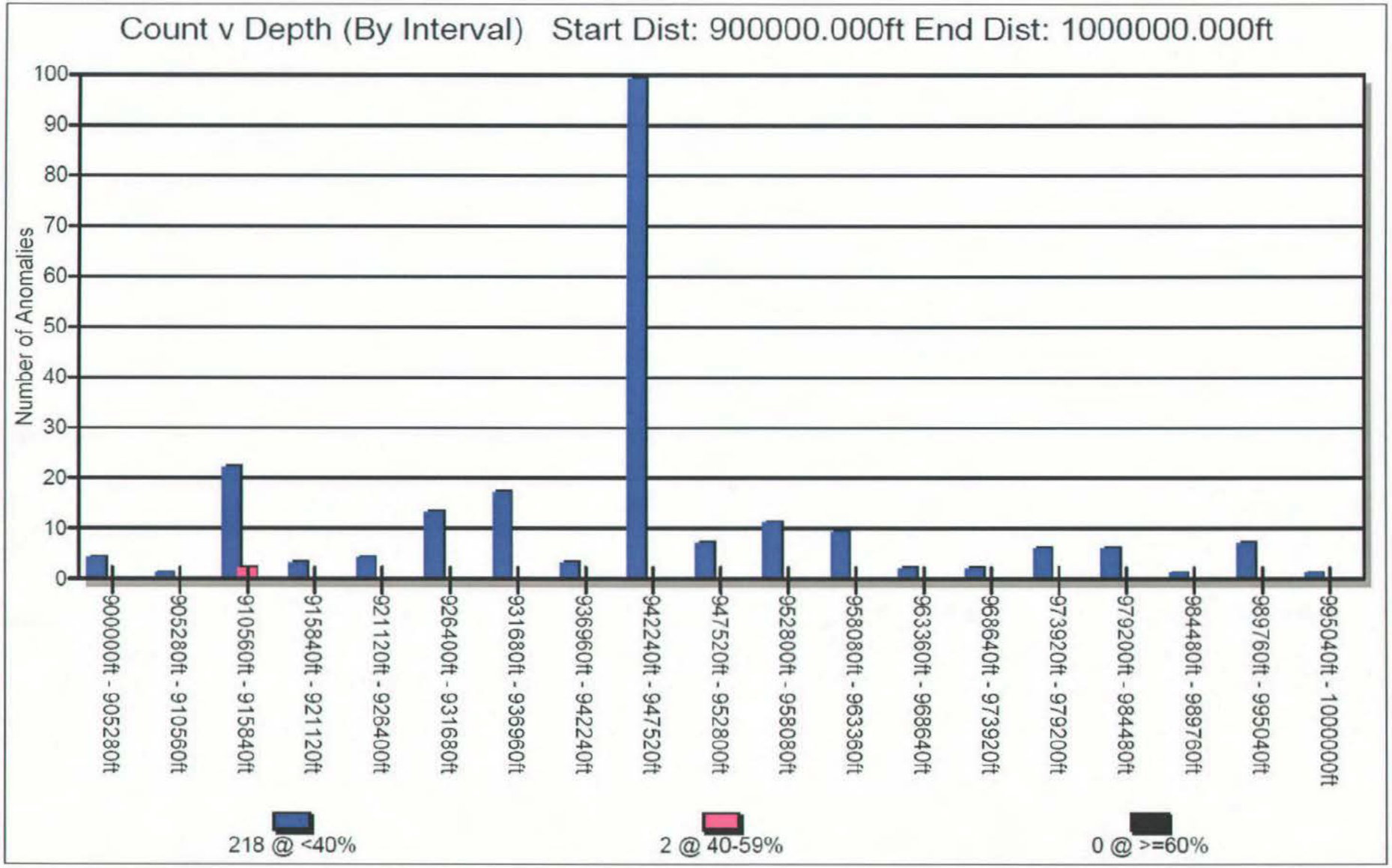

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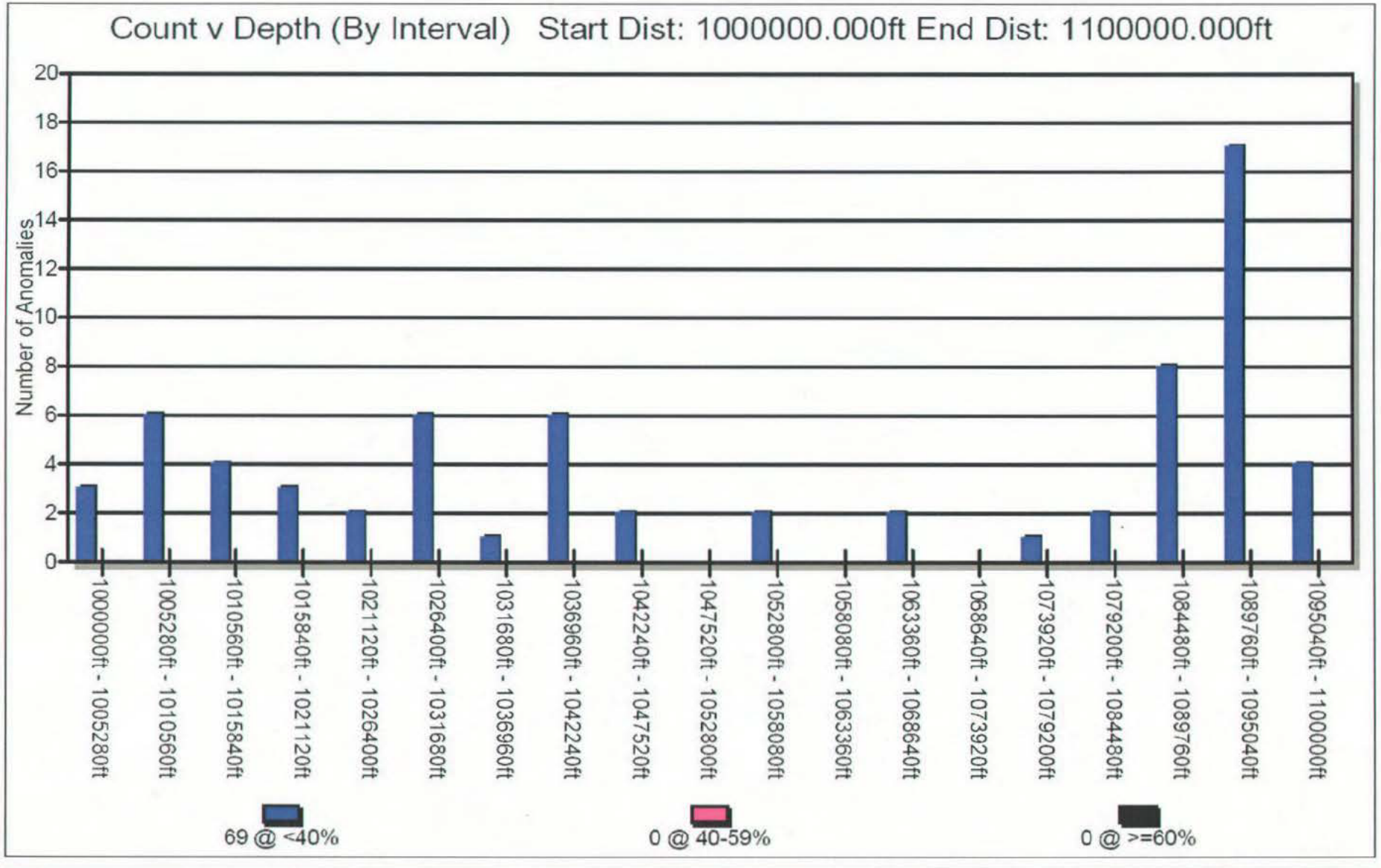

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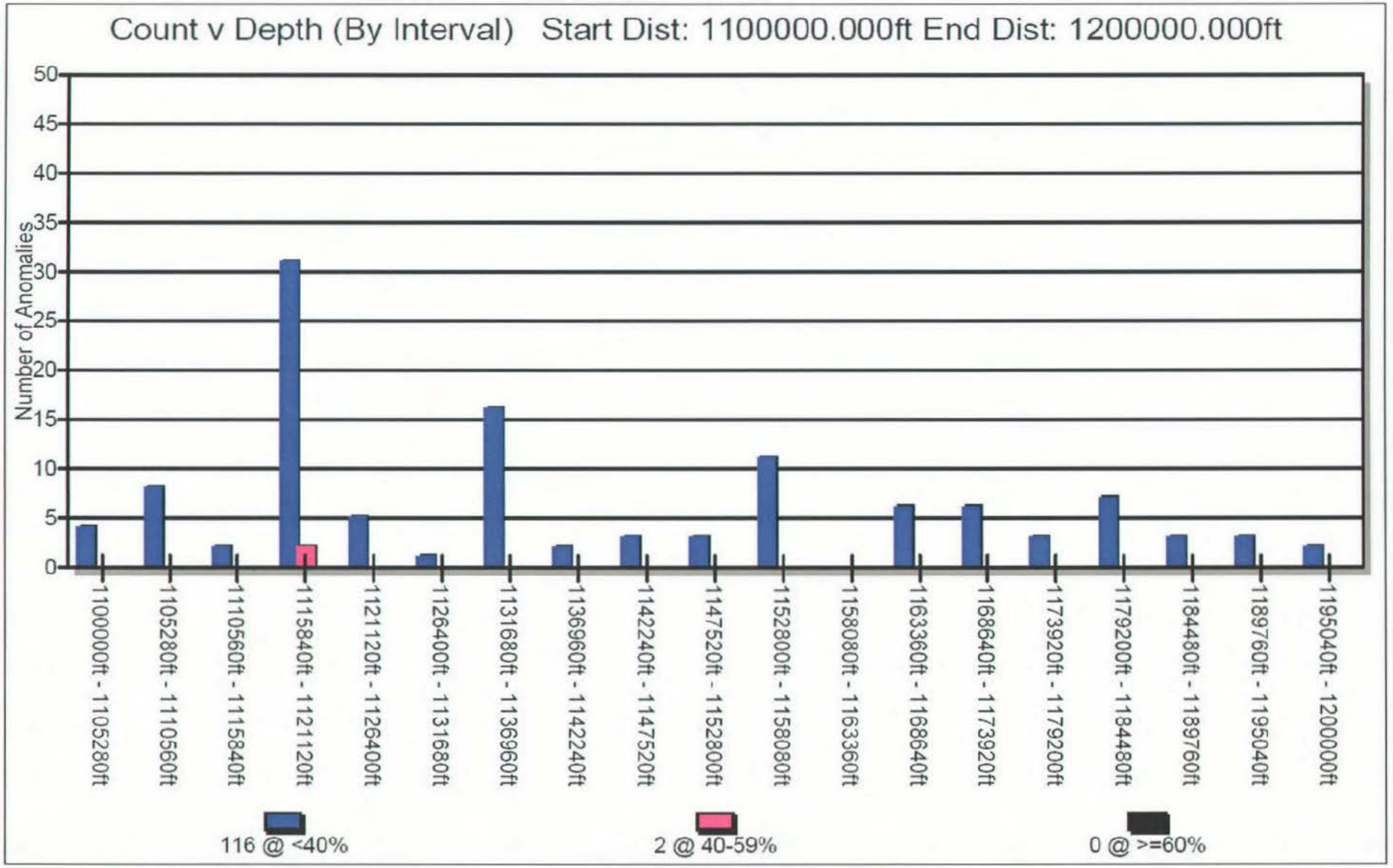

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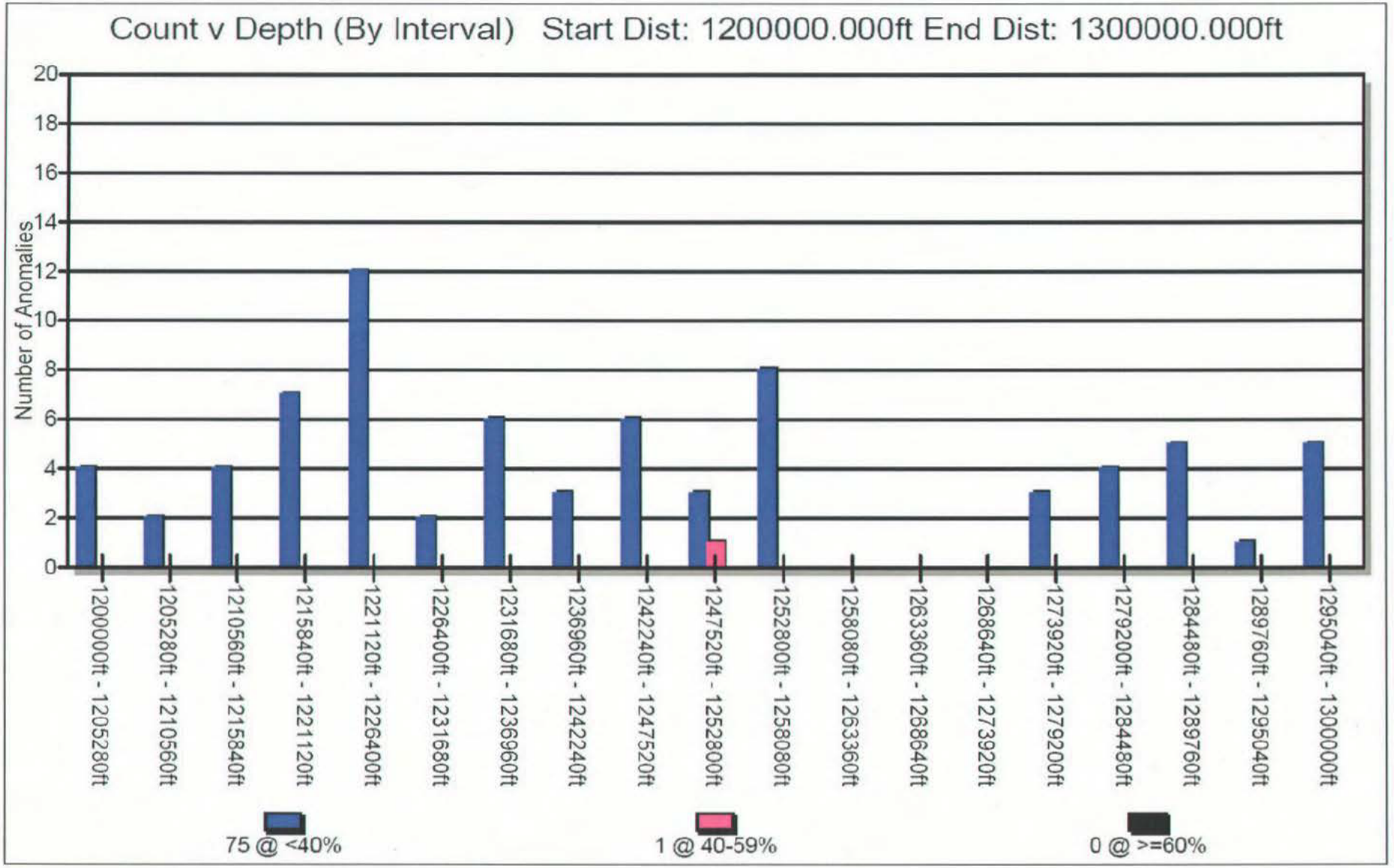

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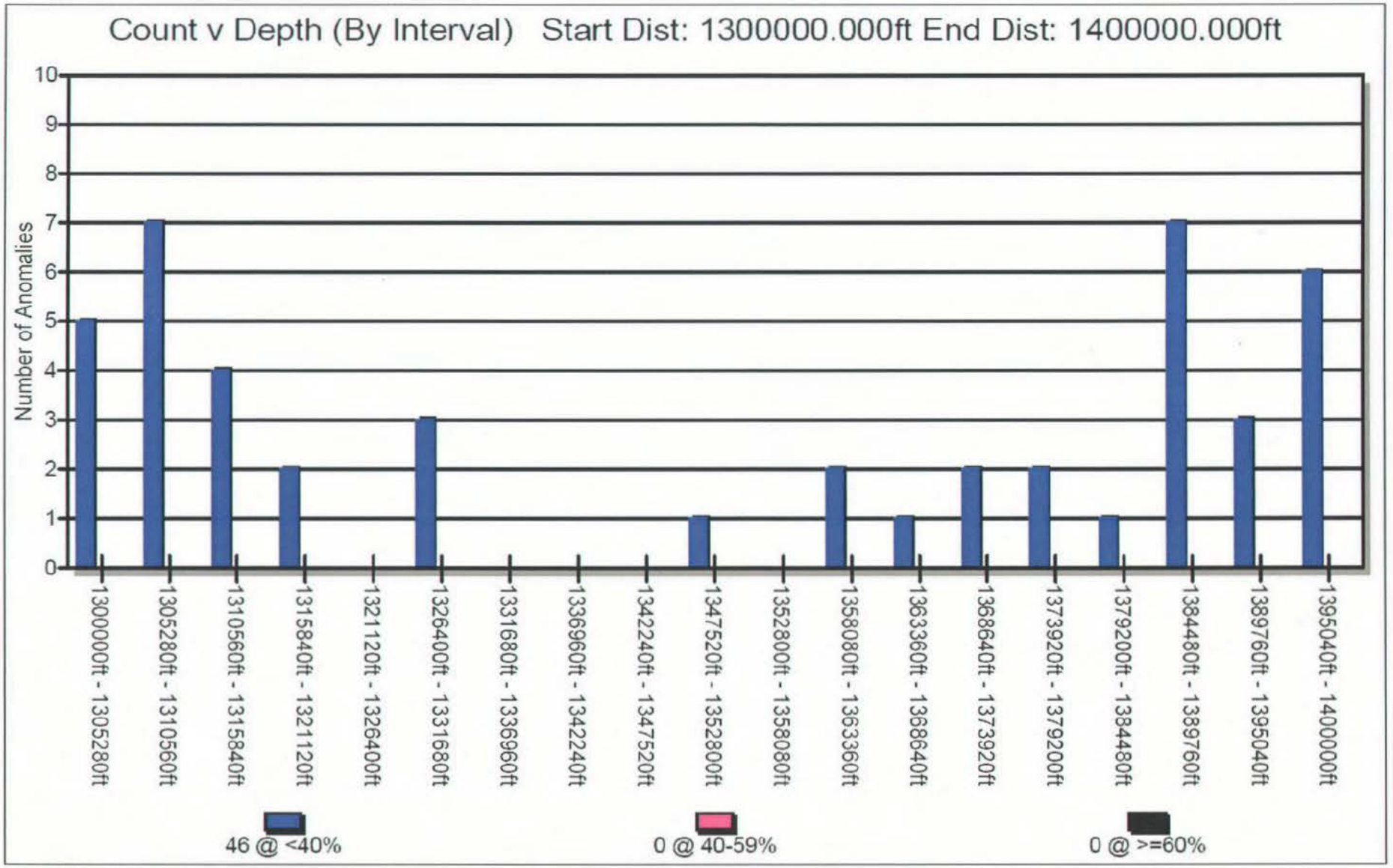

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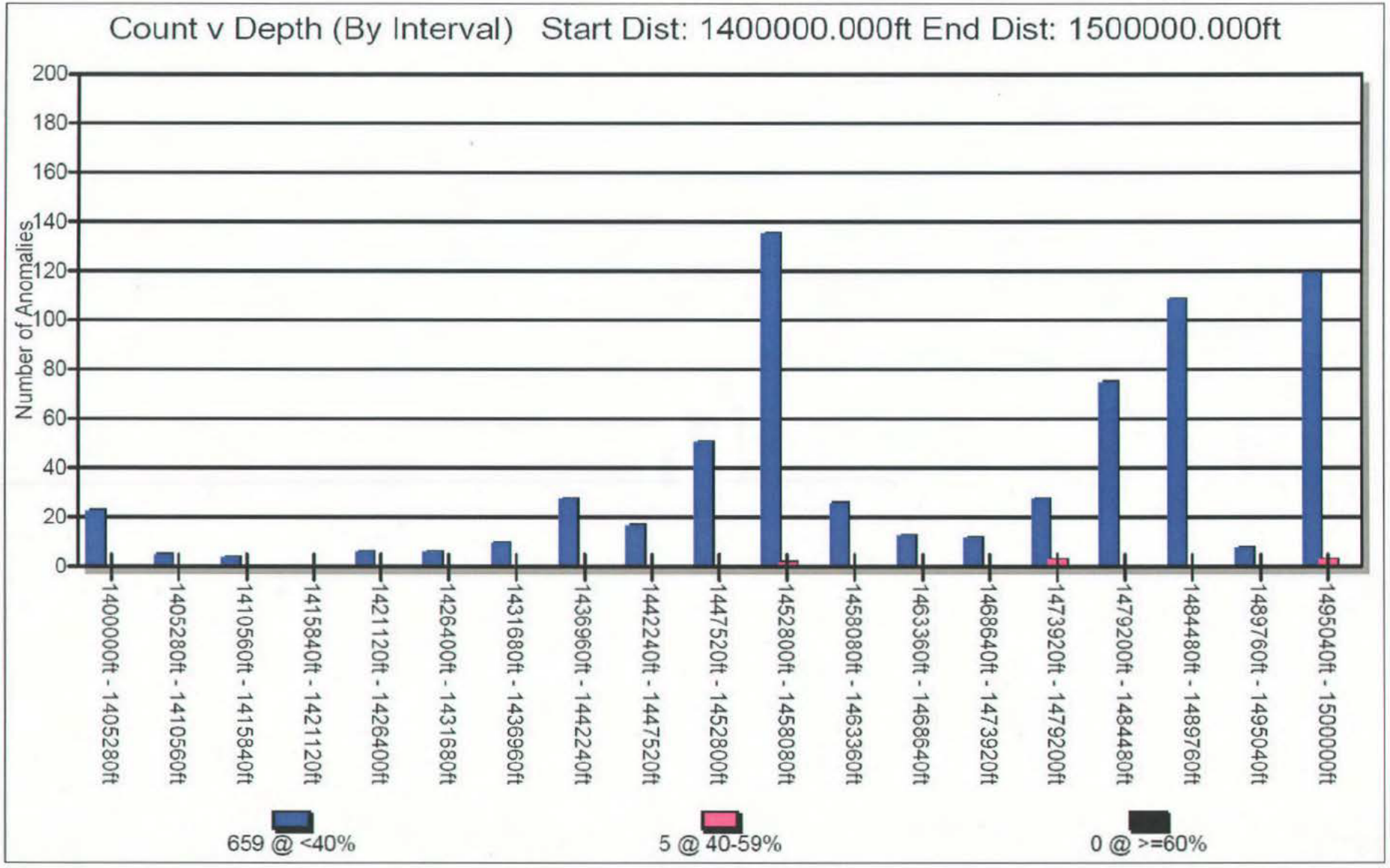

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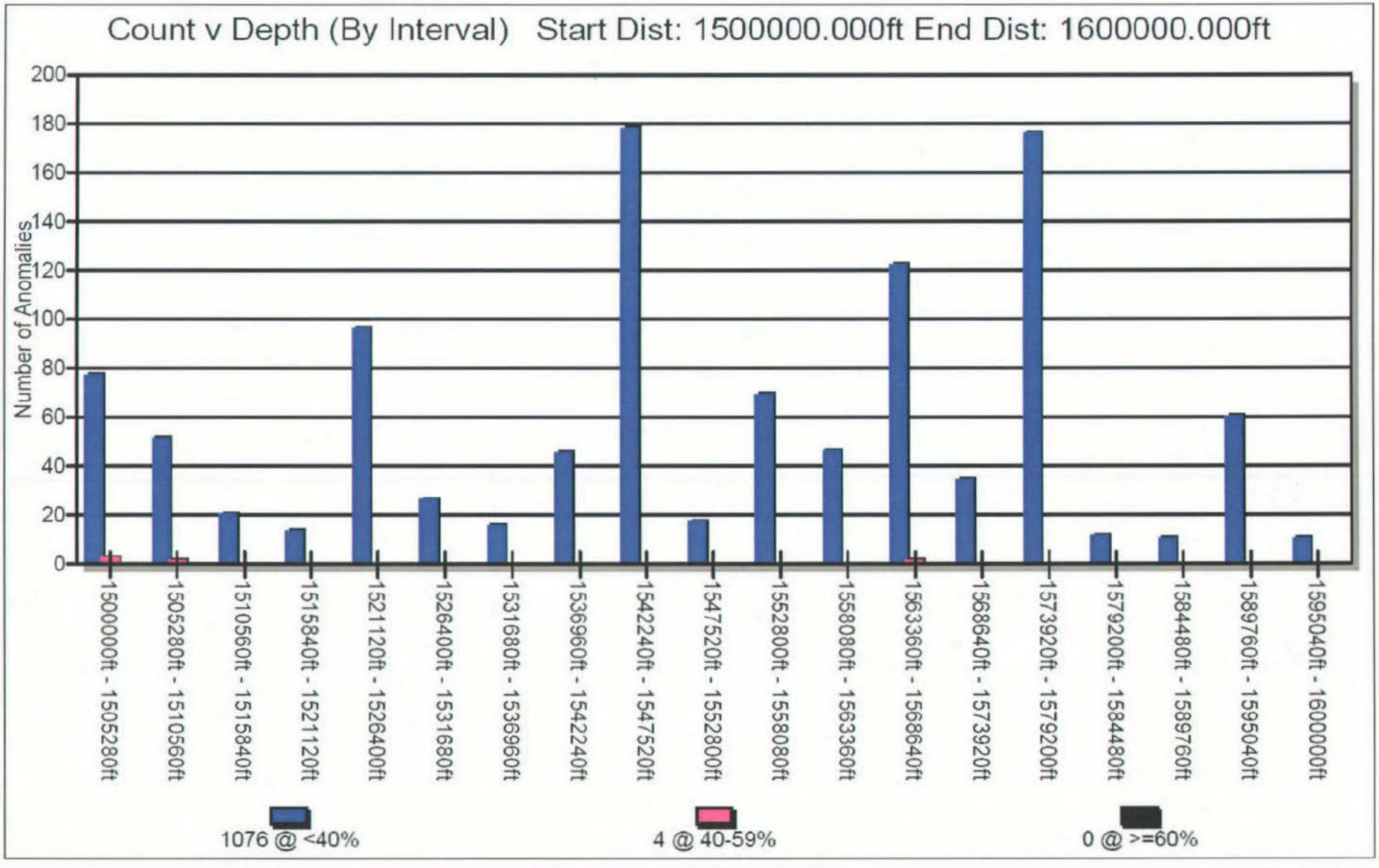

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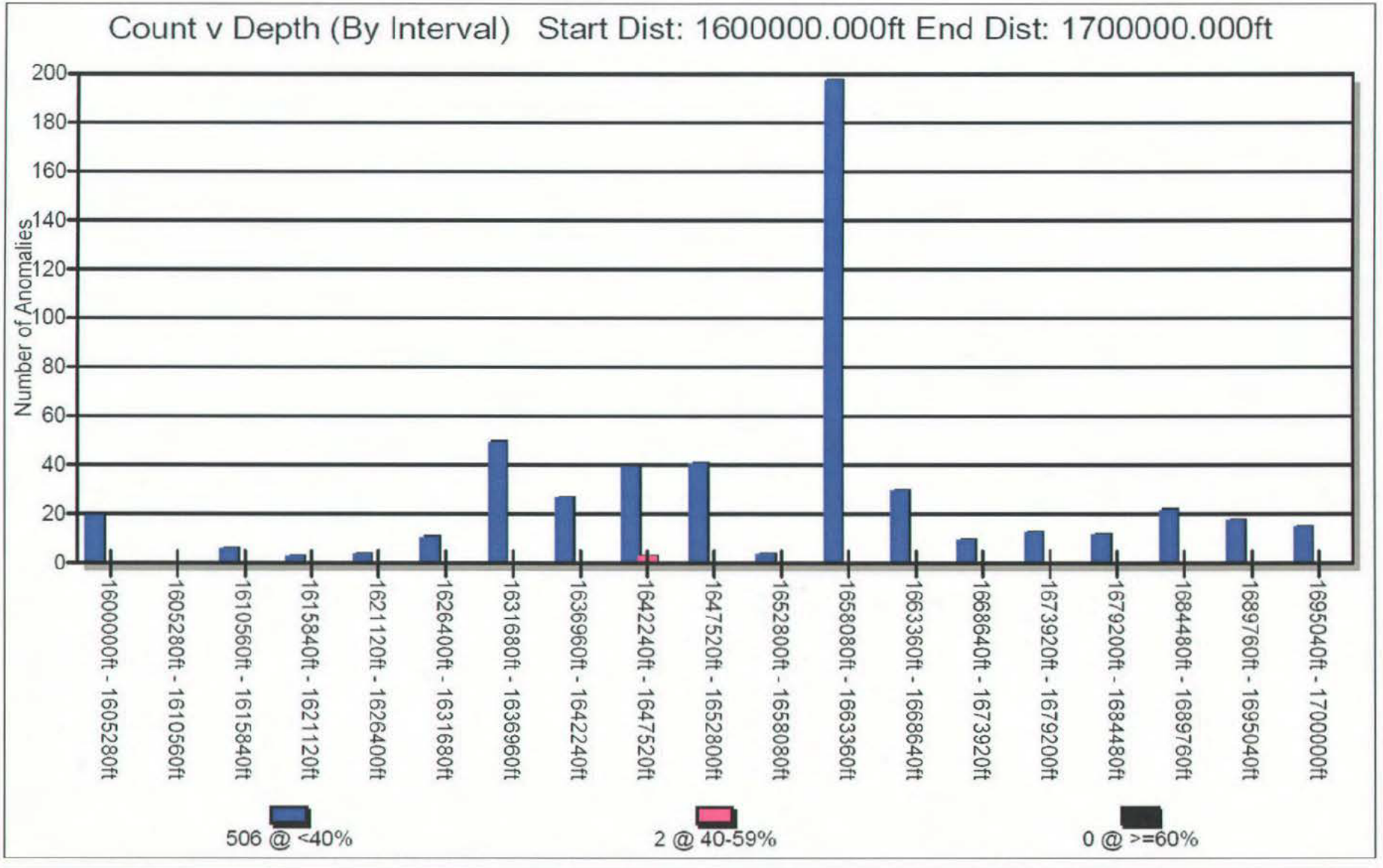

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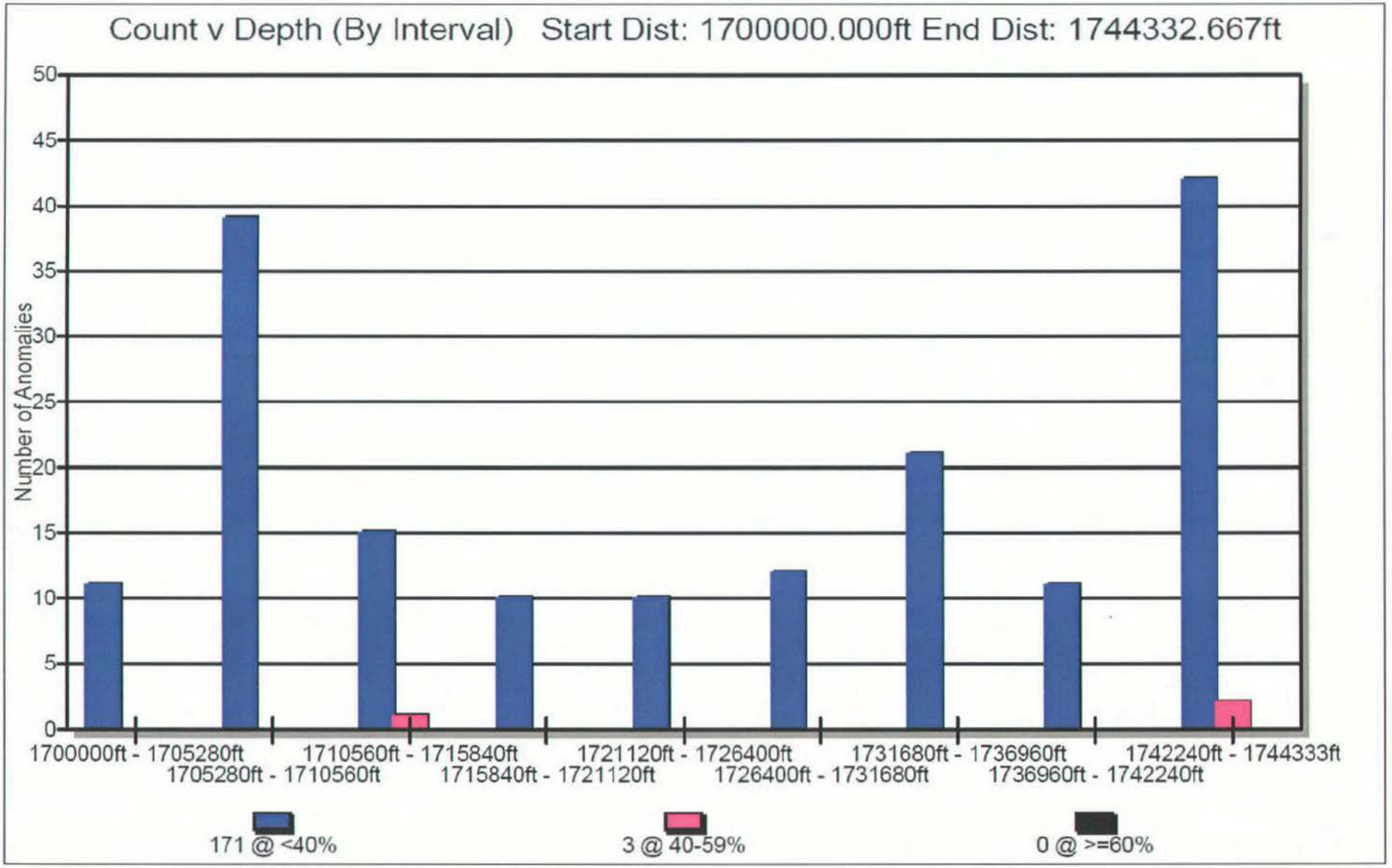

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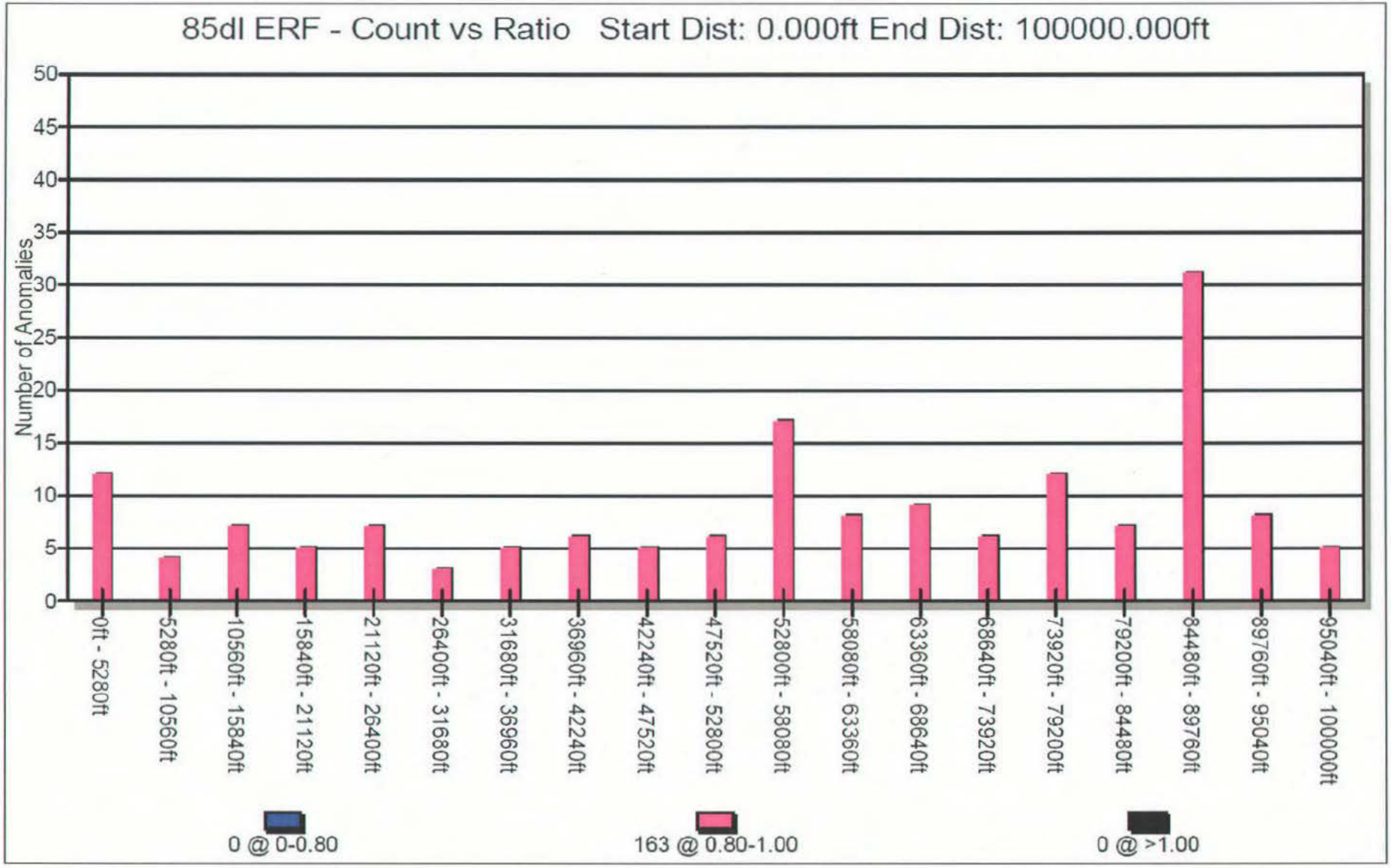

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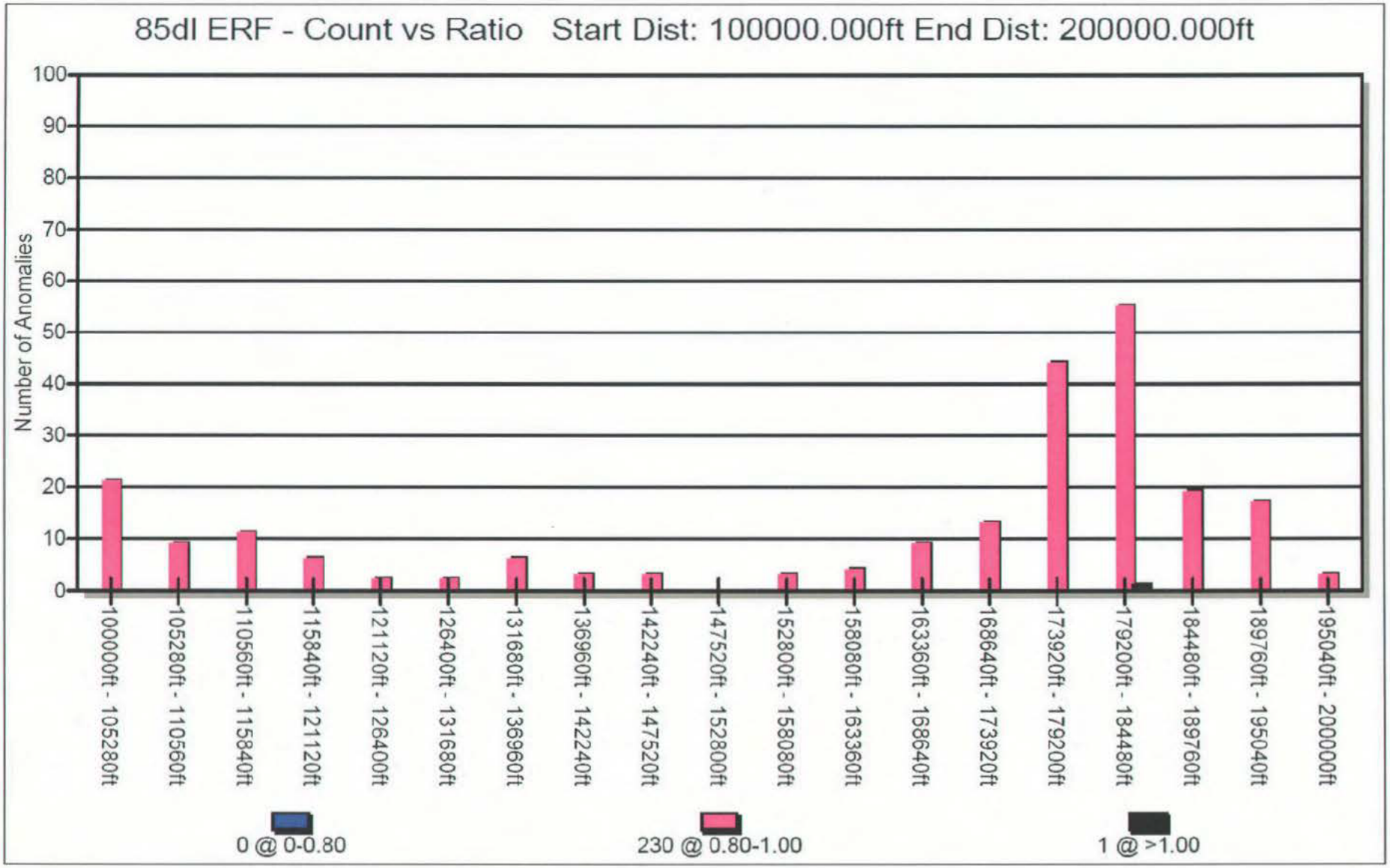

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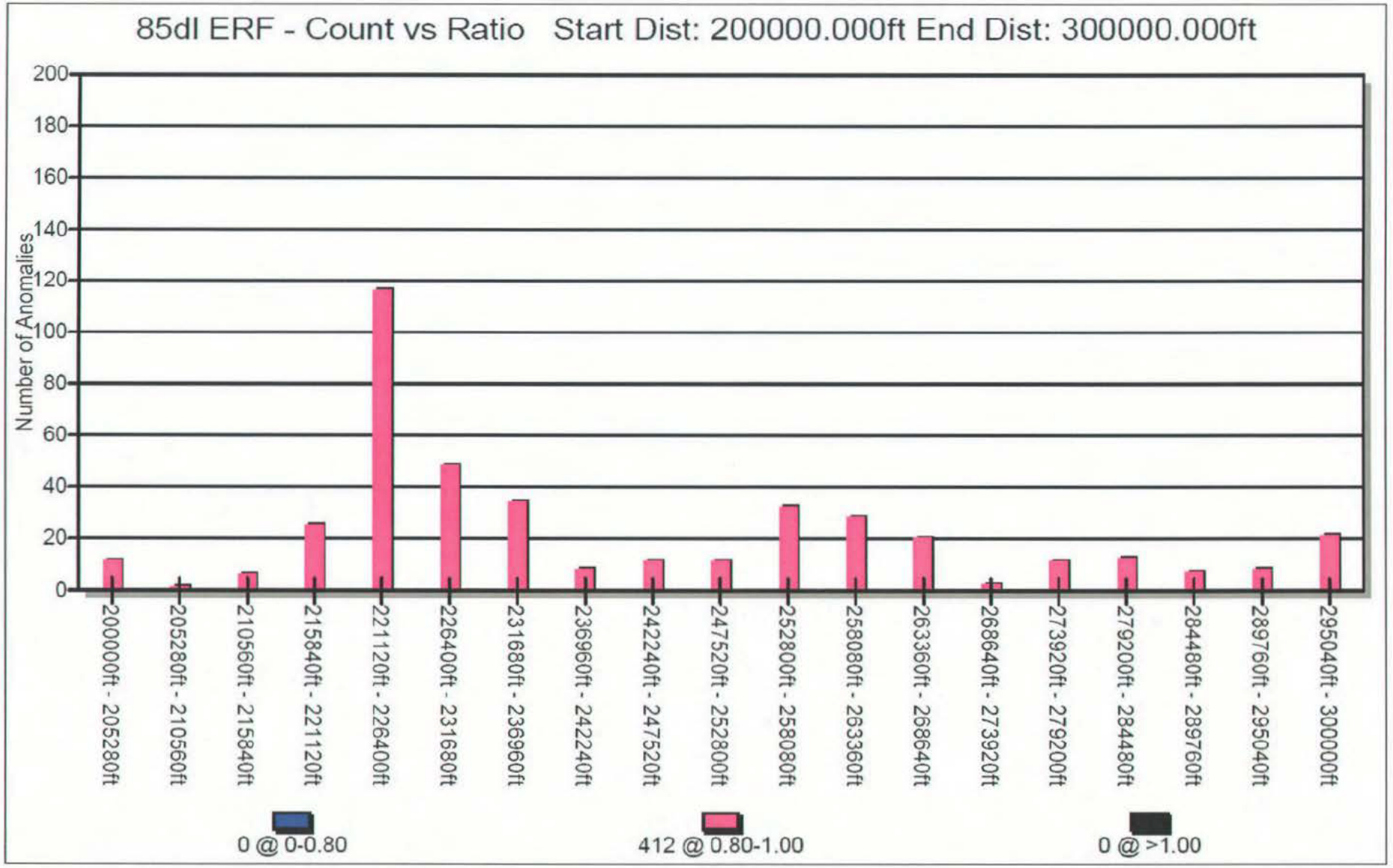

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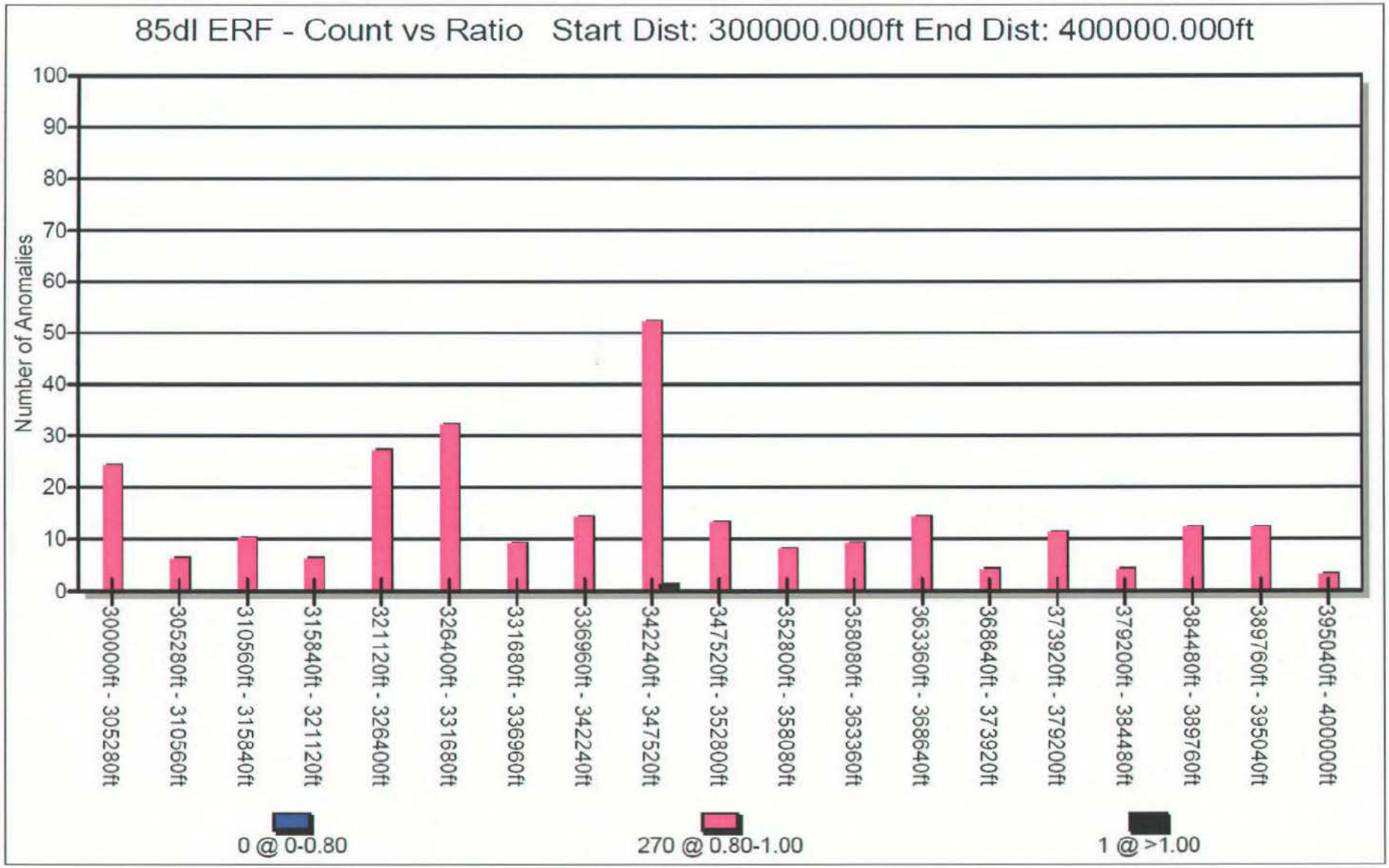

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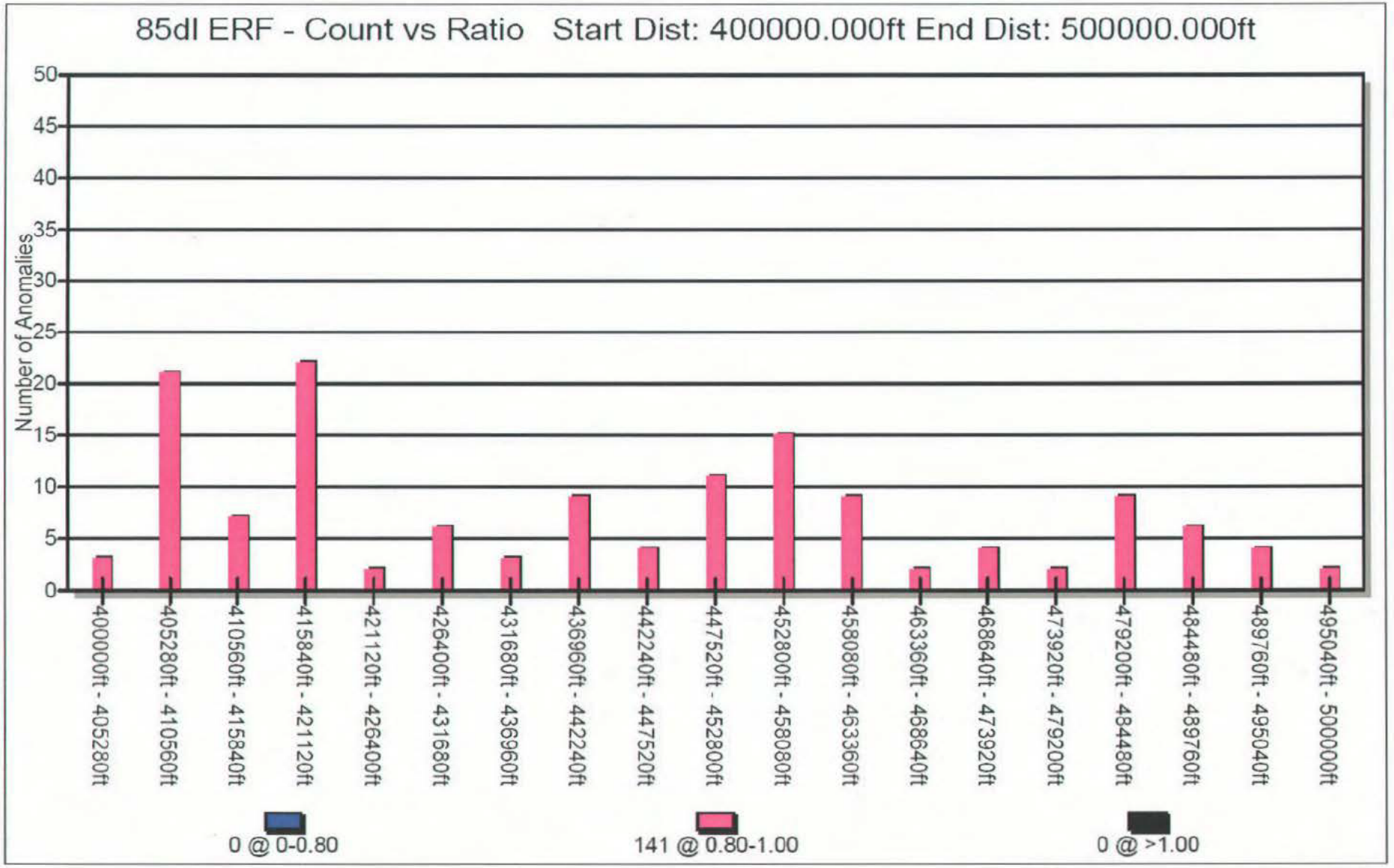

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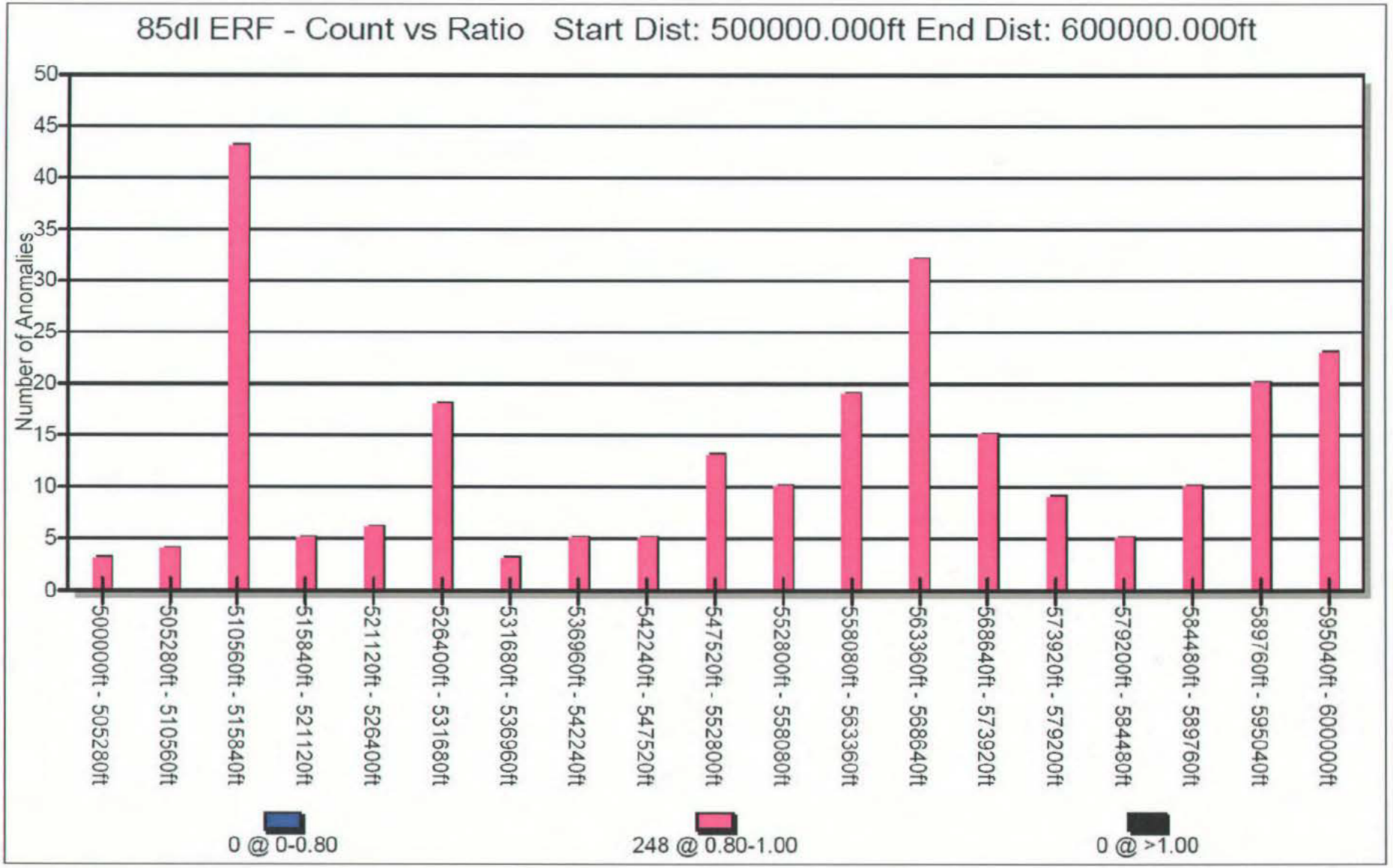

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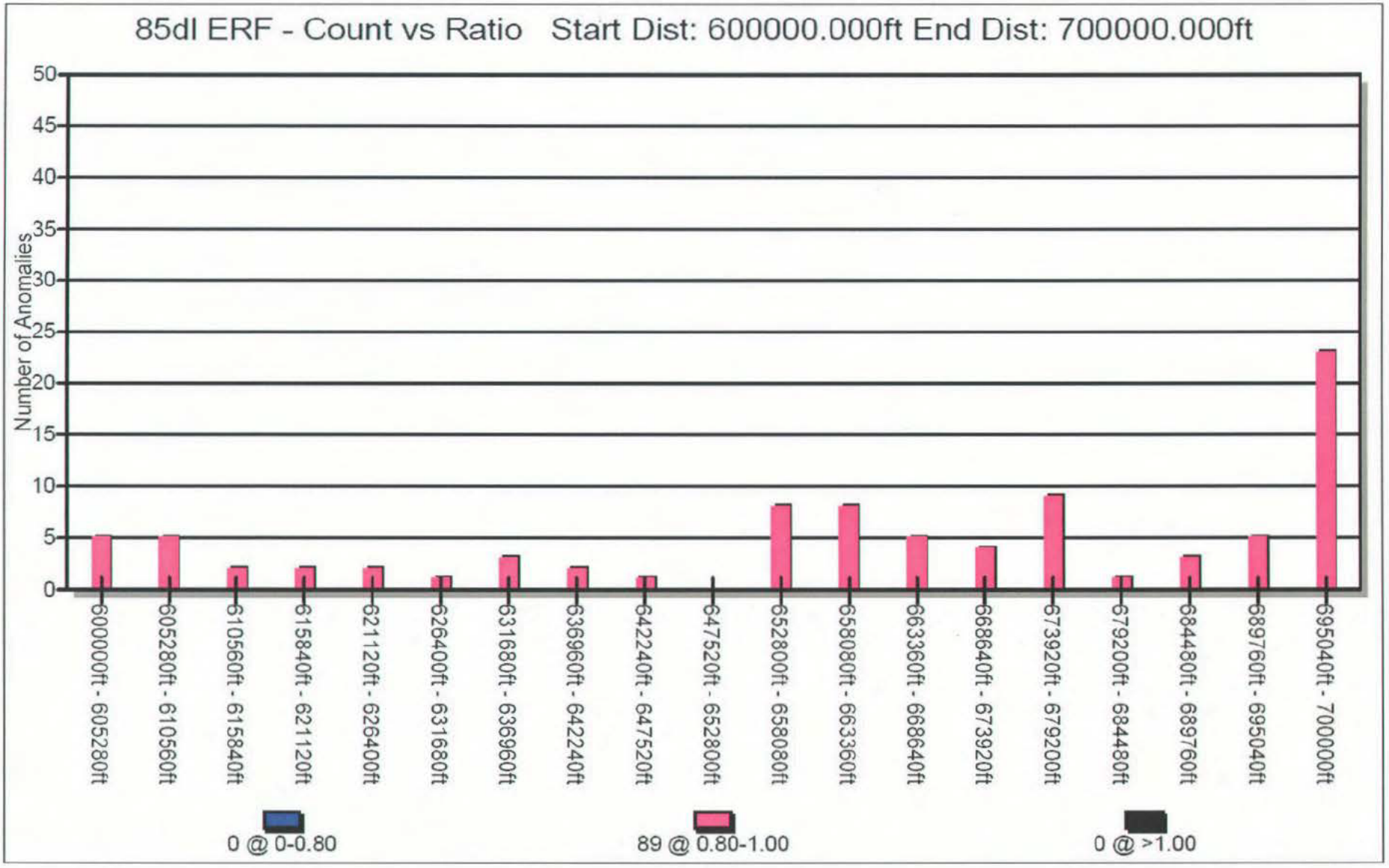

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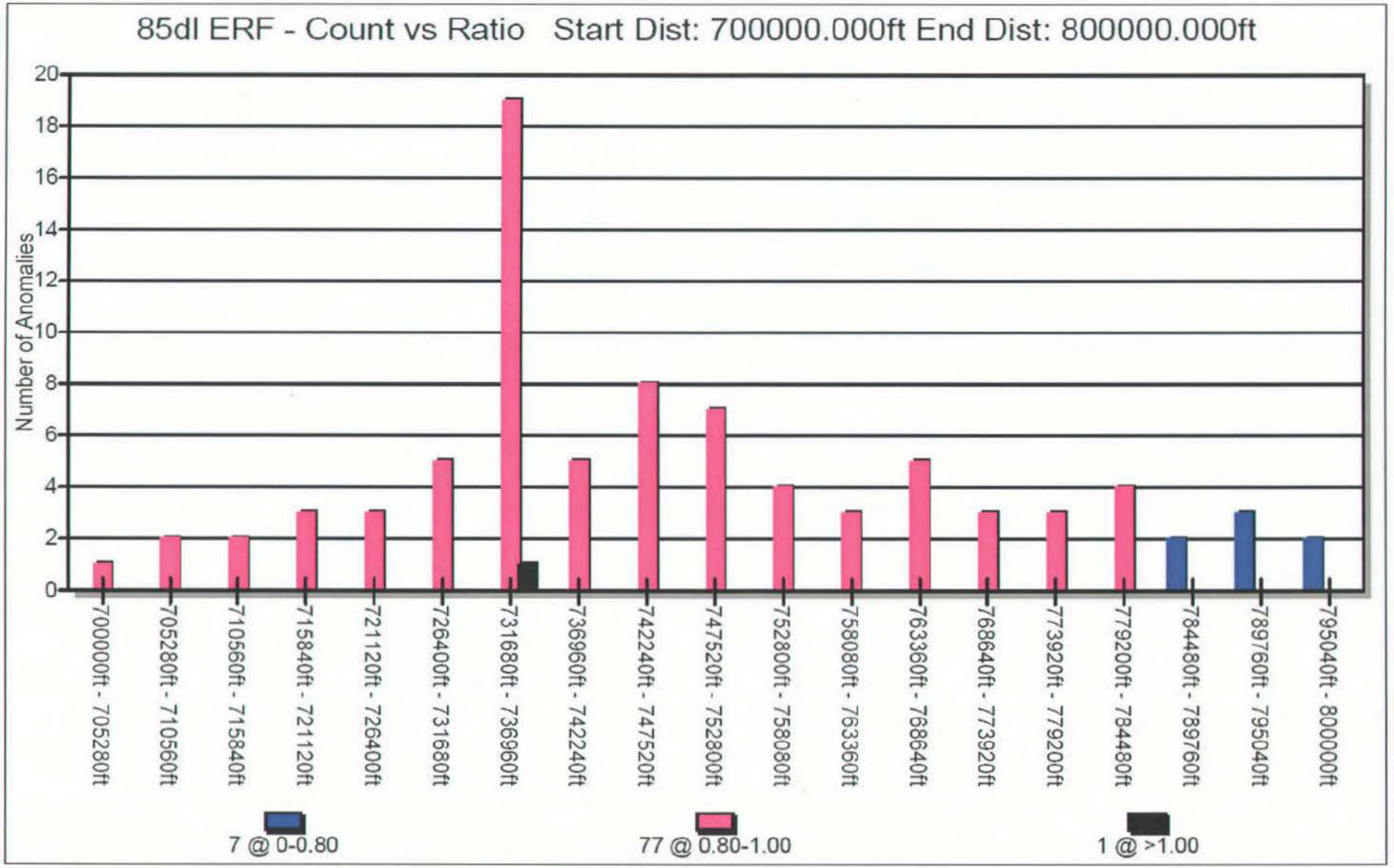

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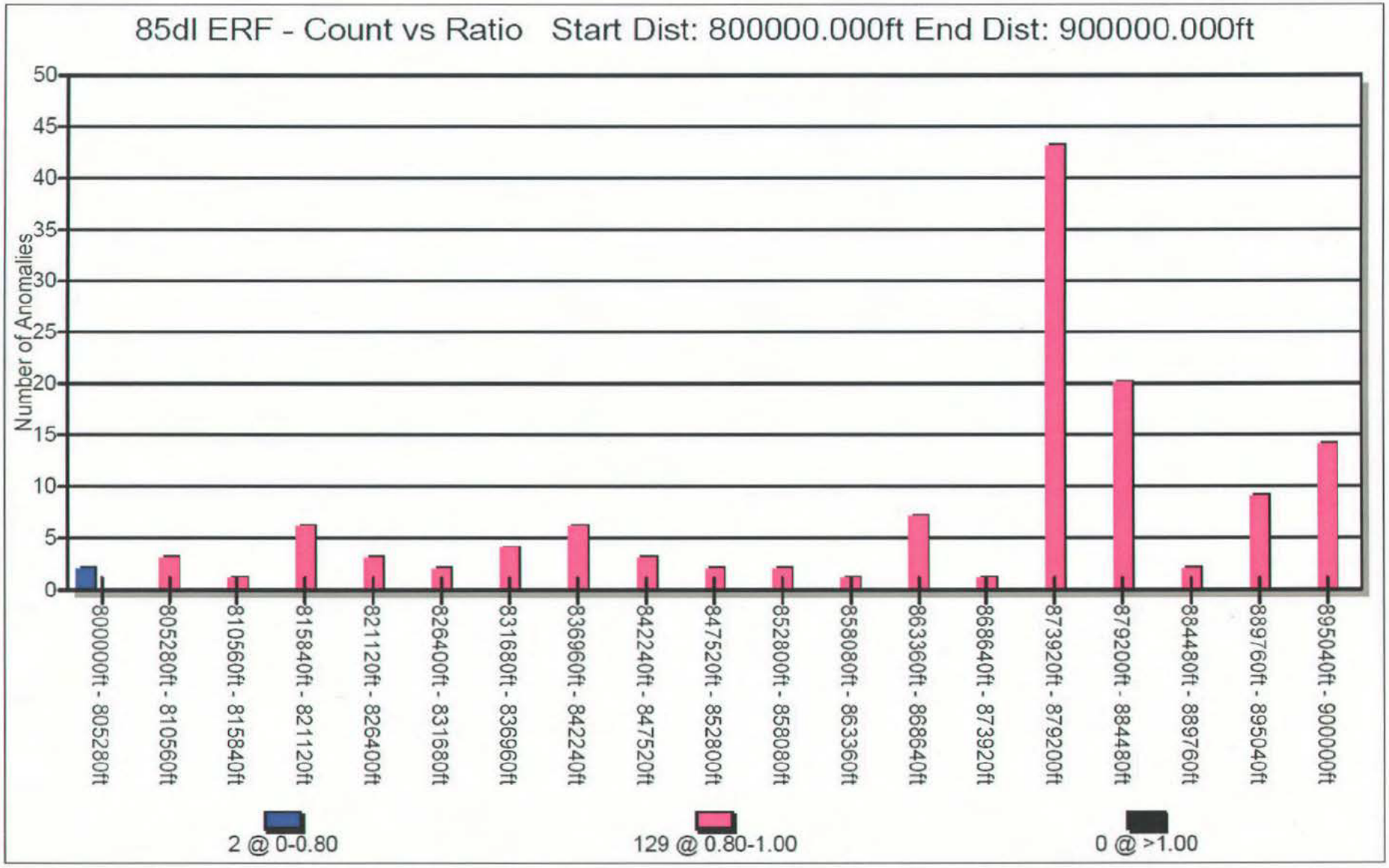

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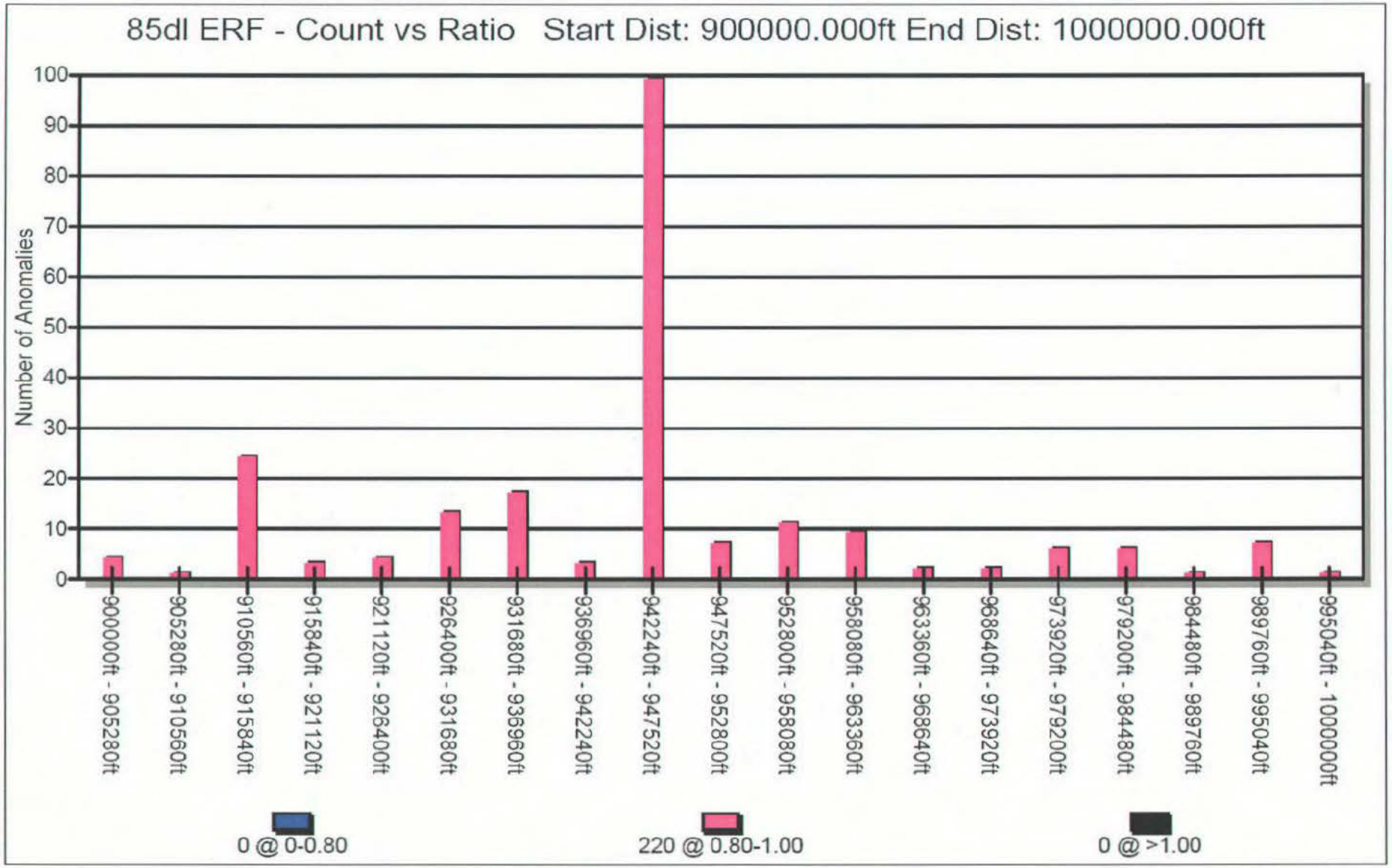

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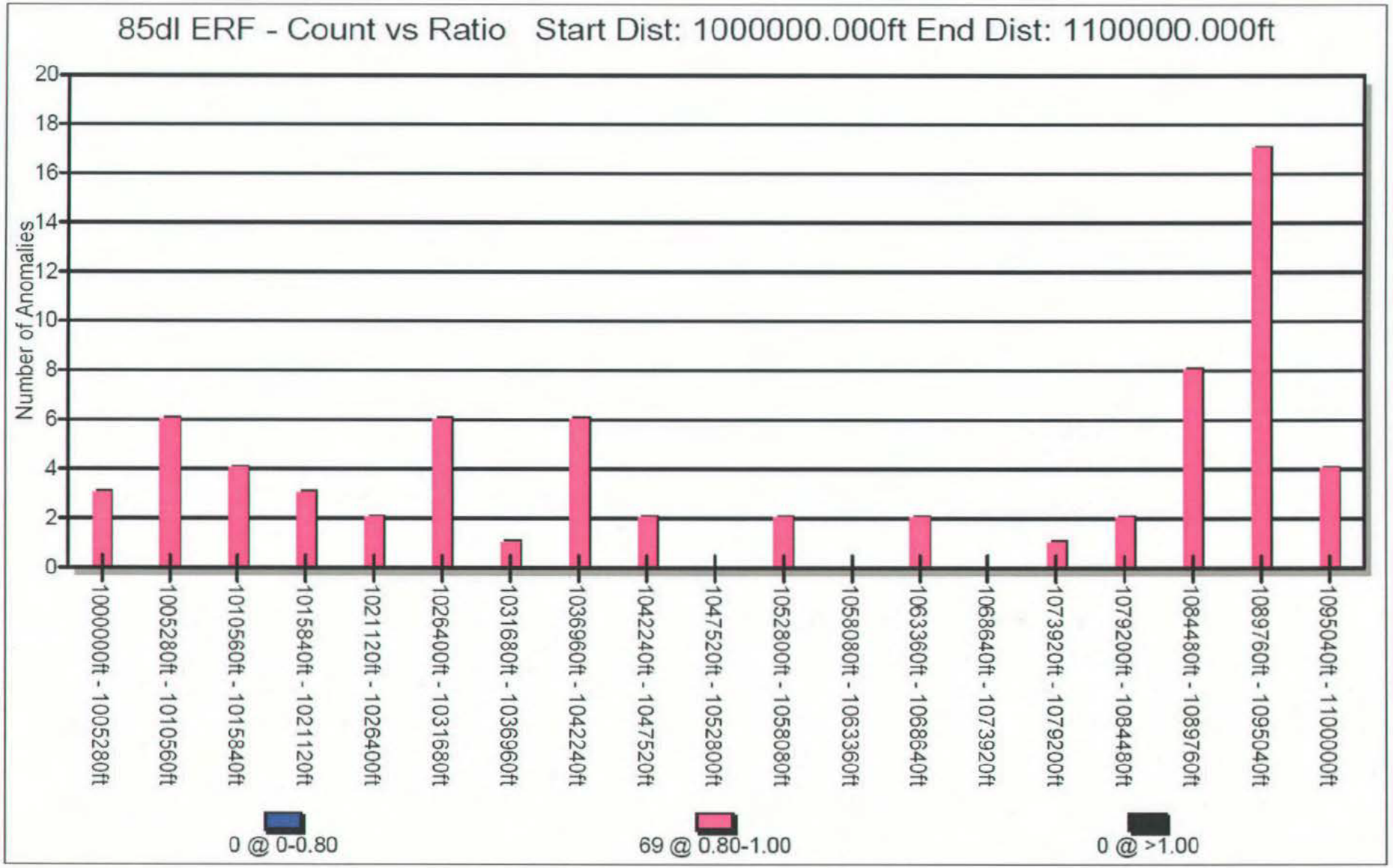

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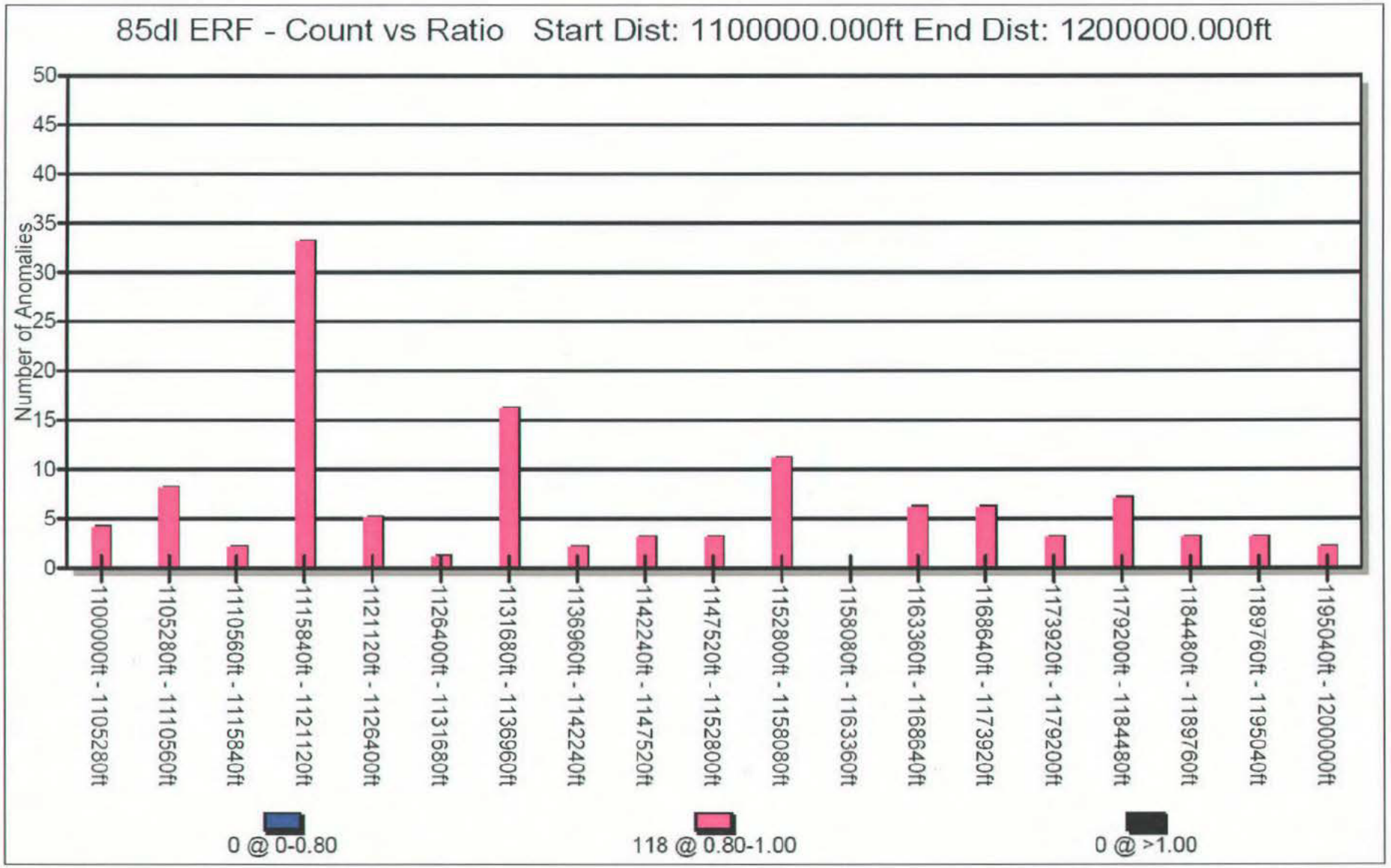

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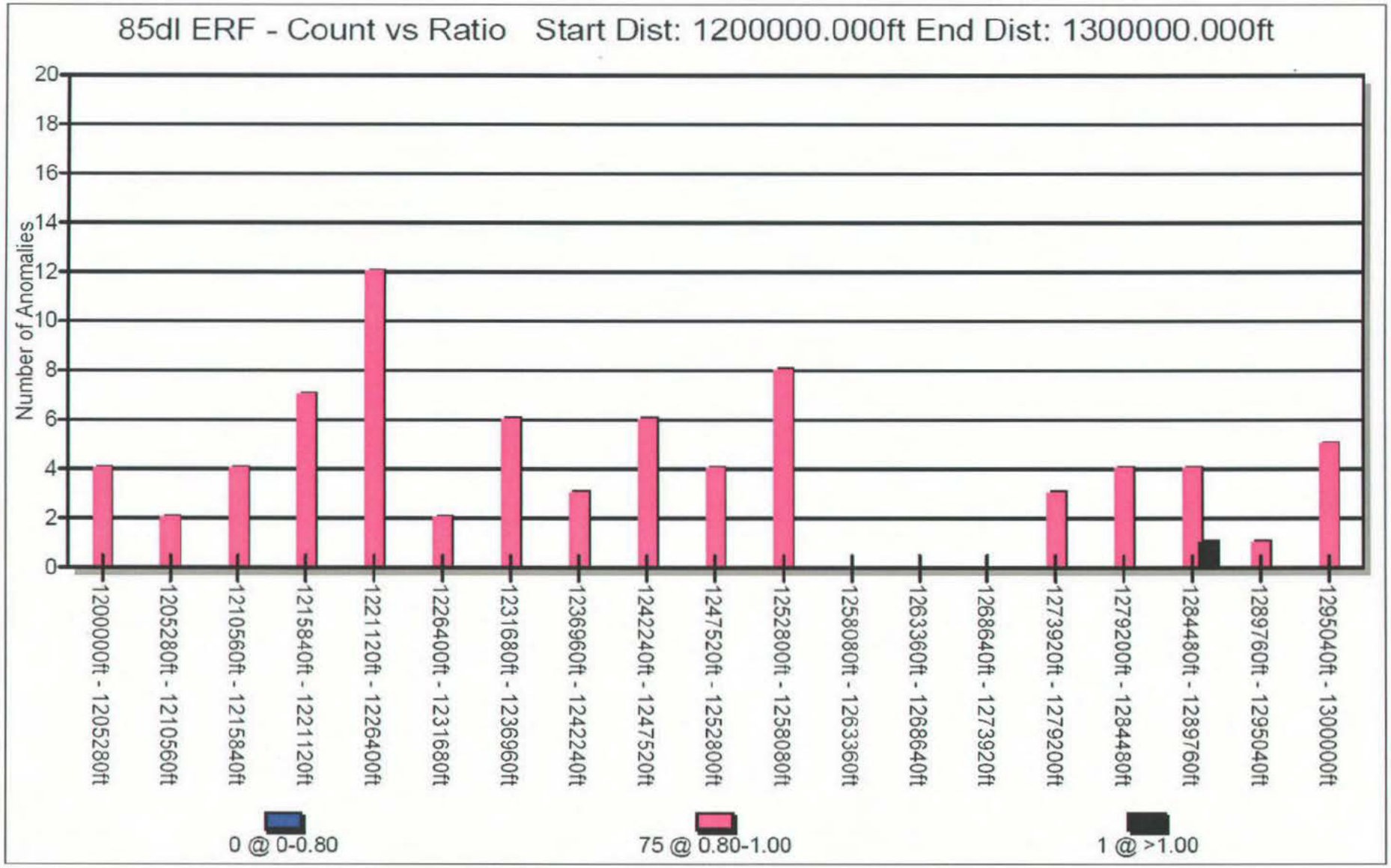

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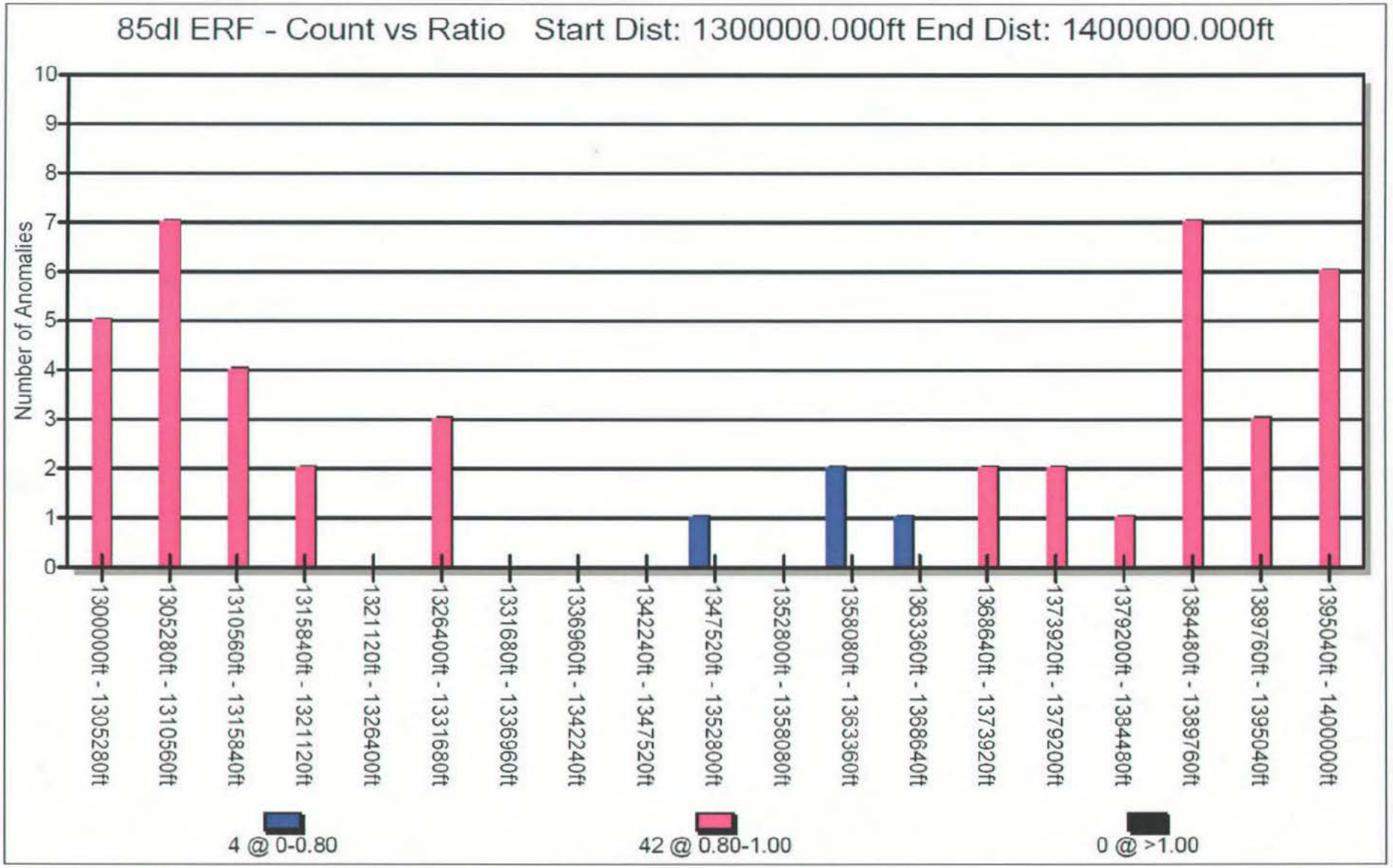

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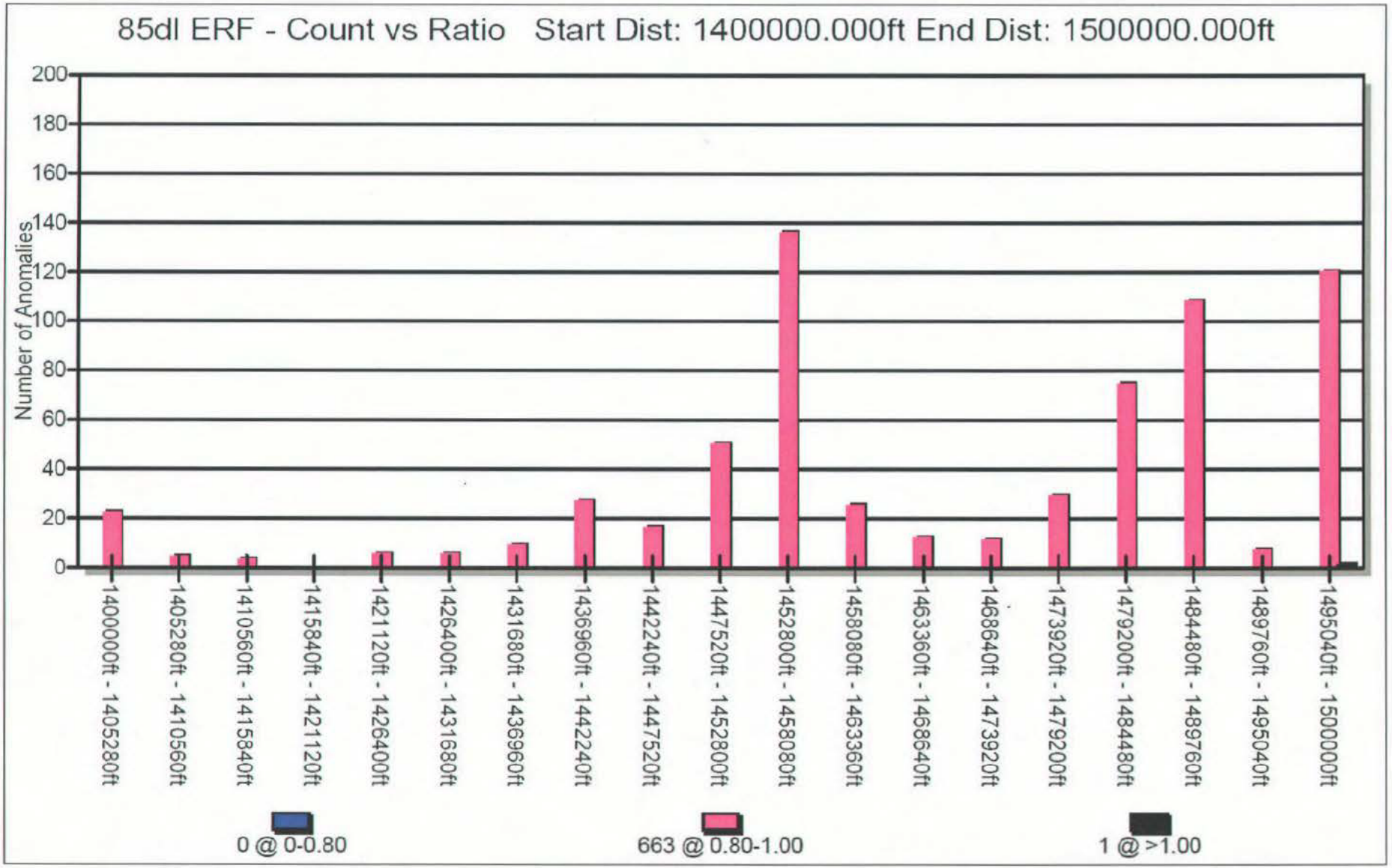

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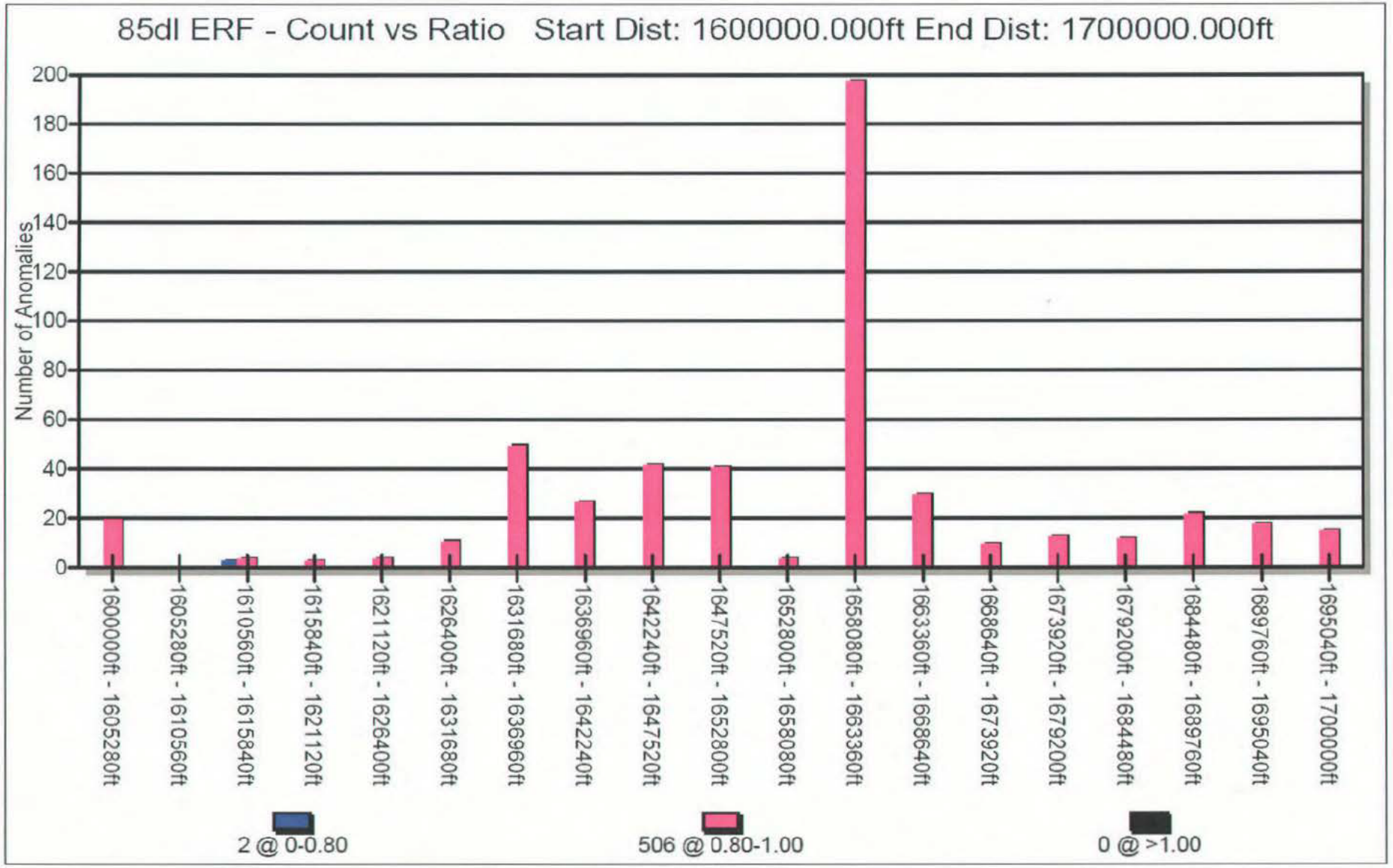

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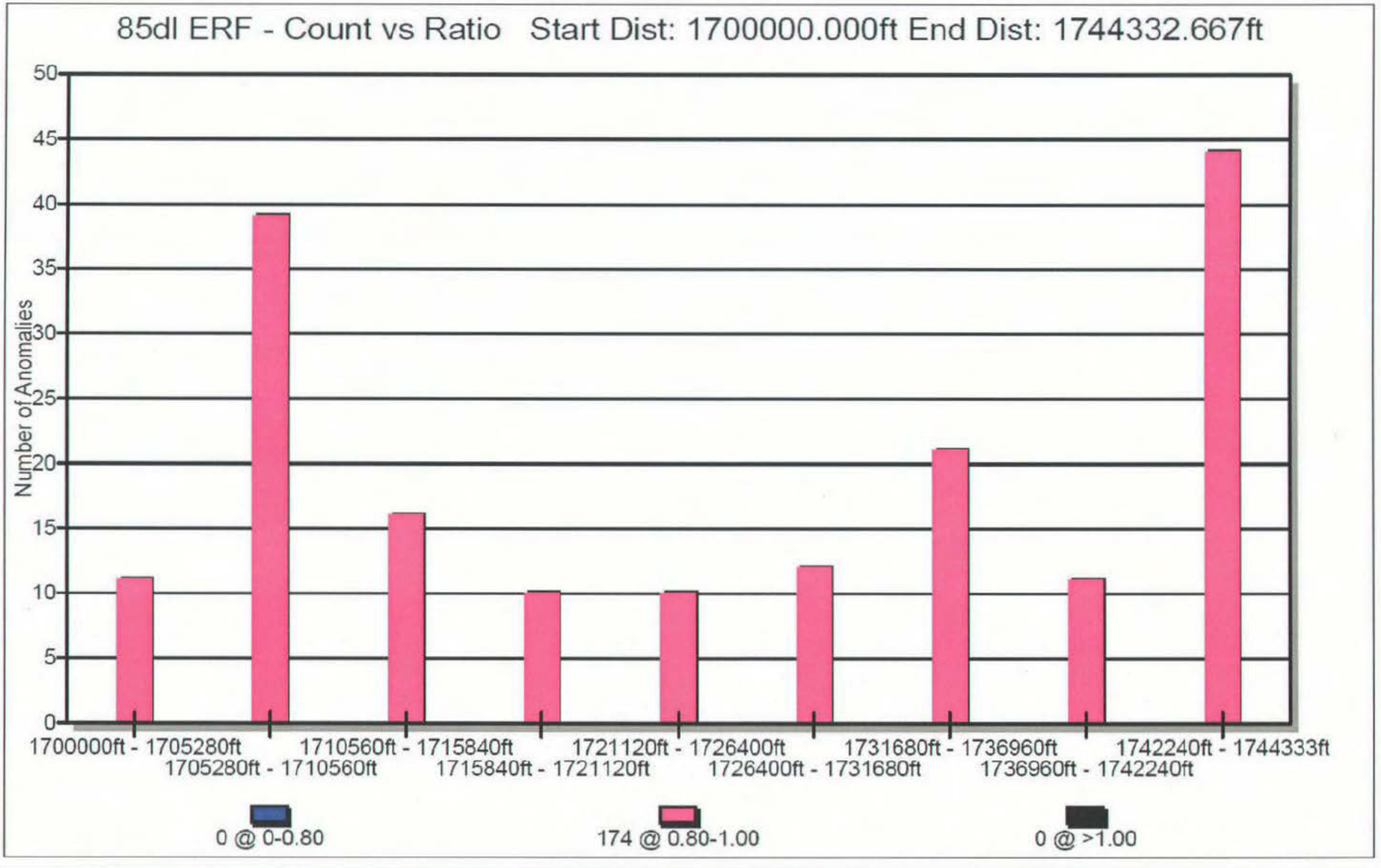

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4 Pressure-Based Anomaly Assessment

4.1 Pressure-Based Criteria and Results

Interaction rule	1" x 6t
Code	Modified B31G 0.85dl
Pressure ratio	ERF
MAOPs	943, 1040, 1134, & 1512 psi
Other criterion	Information from the pipe segments table

There are 5 anomalies that have an ERF > 1.0. Of these 5, 4 were reported to ExxonMobil Pipeline Company in an electronic Preliminary Report dated 23 Aug 2010.

4.2 Pipe Segments Summary List

The following table is a summary of the pipe segments used in the calculation of pressure-based assessment results and associated charts.

OD	Wall Thickness	SMYS	Pipe Grade	MAOP	Type	Total Length	Class Factor
20	0.281	52000	X52	943	ERW	1098.775	0.72
20	0.312	42000	X42	943	DSAW	24143.966	0.72
20	0.312	42000	X42	943	ERW	1551630.180	0.72
20	0.312	46000	X46	943	ERW	545.517	0.72
20	0.344	42000	X42	1040	ERW	43.092	0.72
20	0.375	42000	X42	1134	ERW	3638.805	0.72
20	0.500	35000	B	1512	DSAW	30074.351	0.72
20	0.500	42000	X42	1512	ERW	15924.107	0.72
20	0.500	42000	X42	1512	SMLS	97502.807	0.72
20	0.500	52000	X52	1512	SMLS	19728.700	0.72

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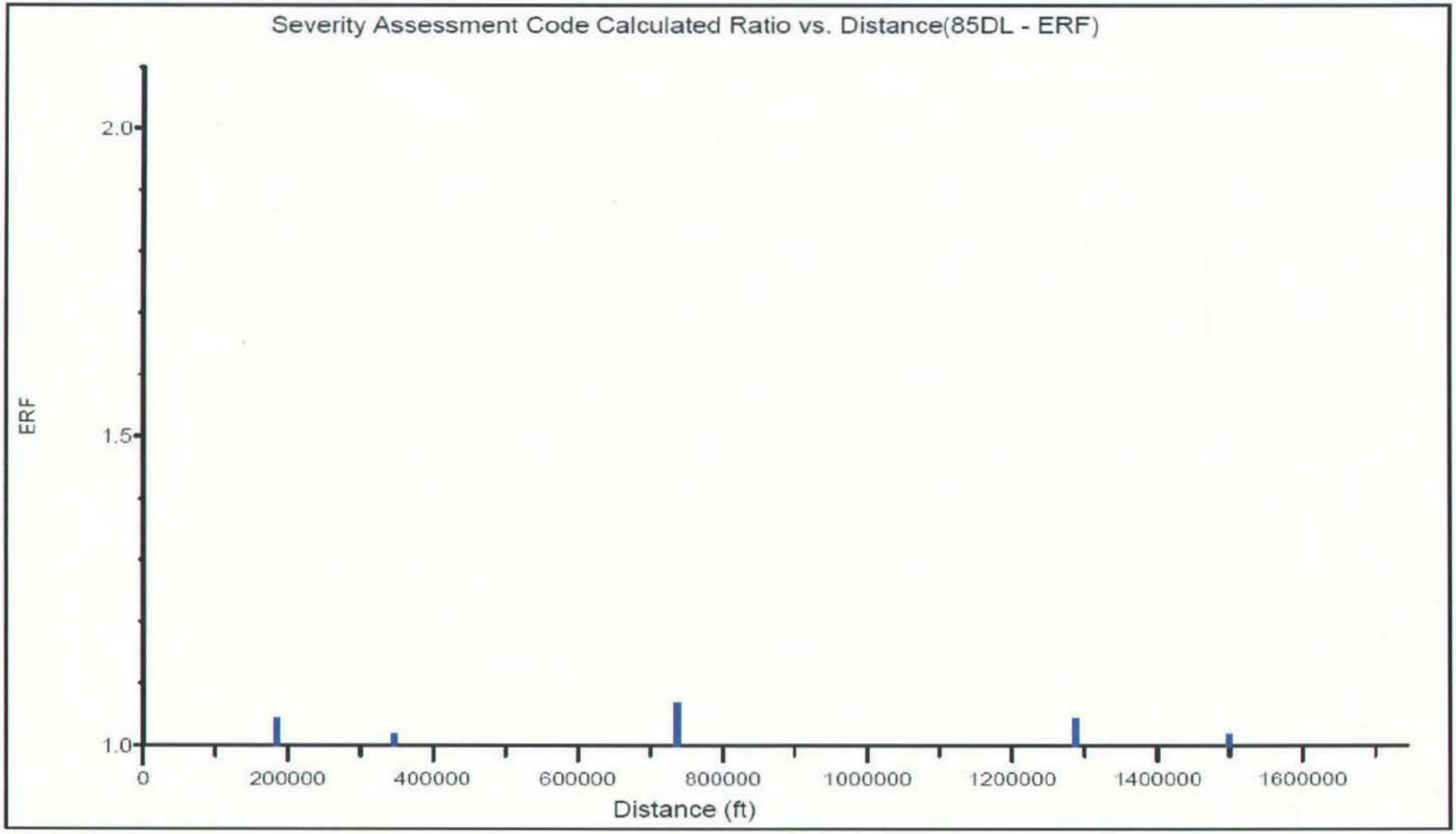
4.3 Pressure-Based Charts & Histograms



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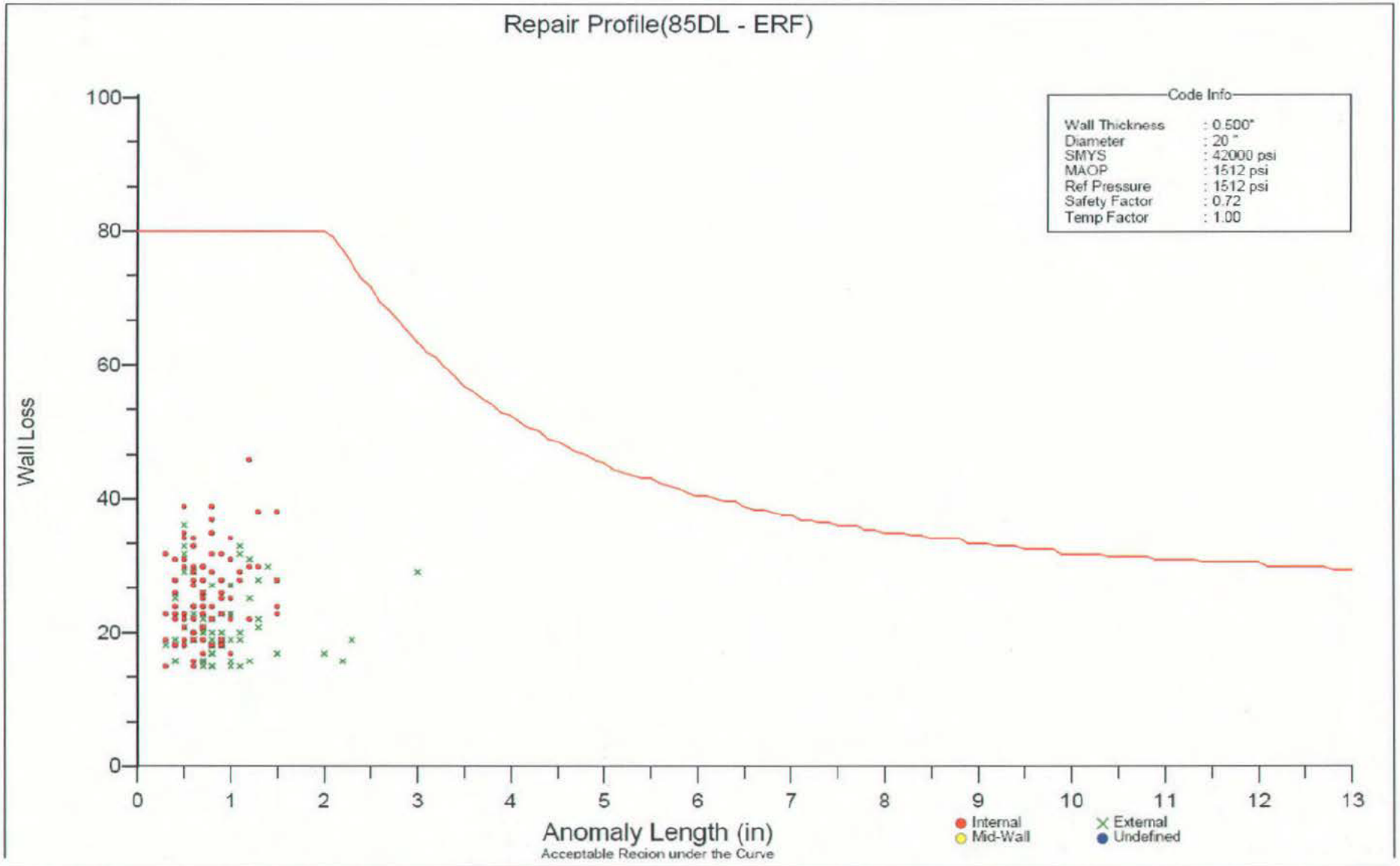

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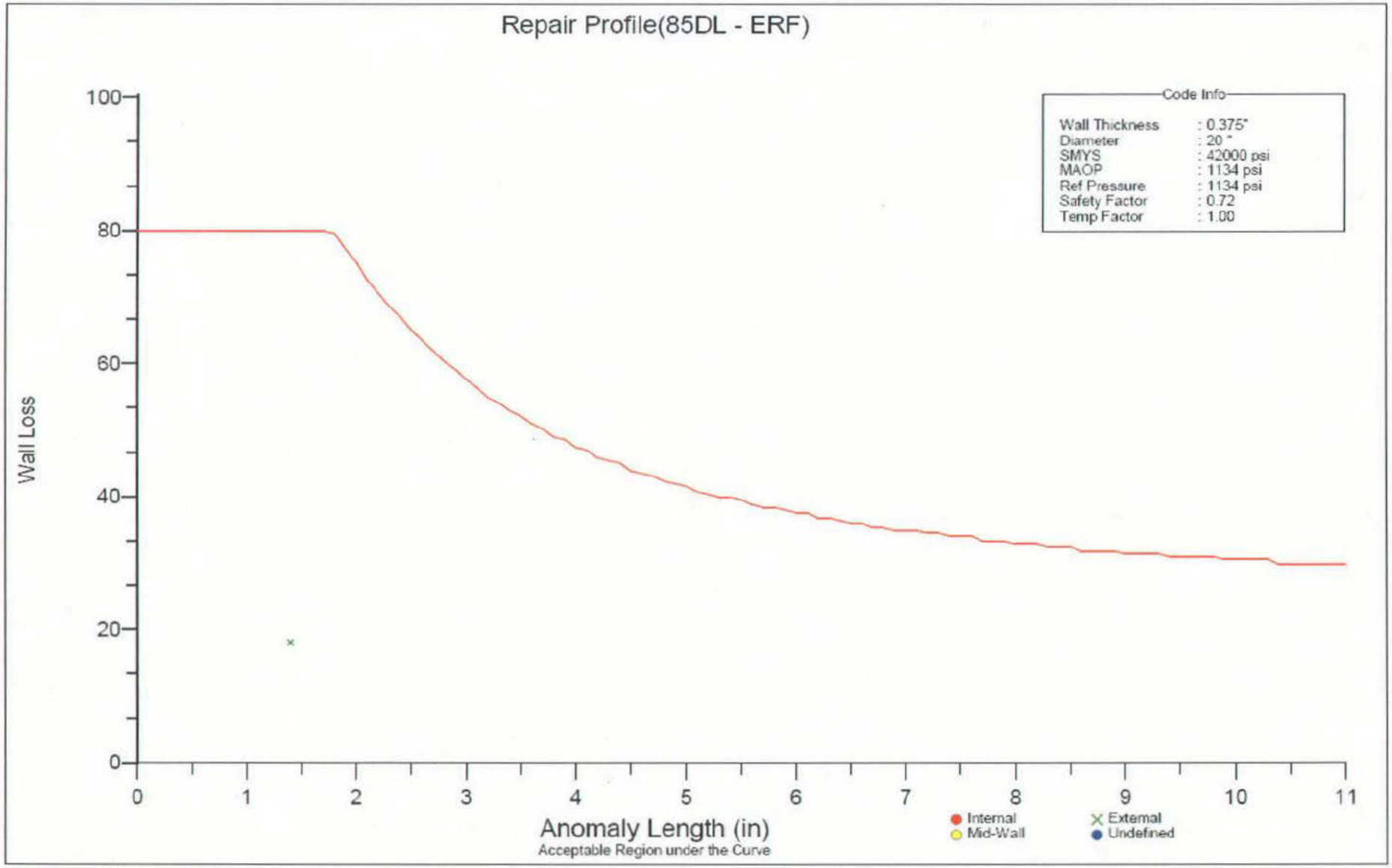

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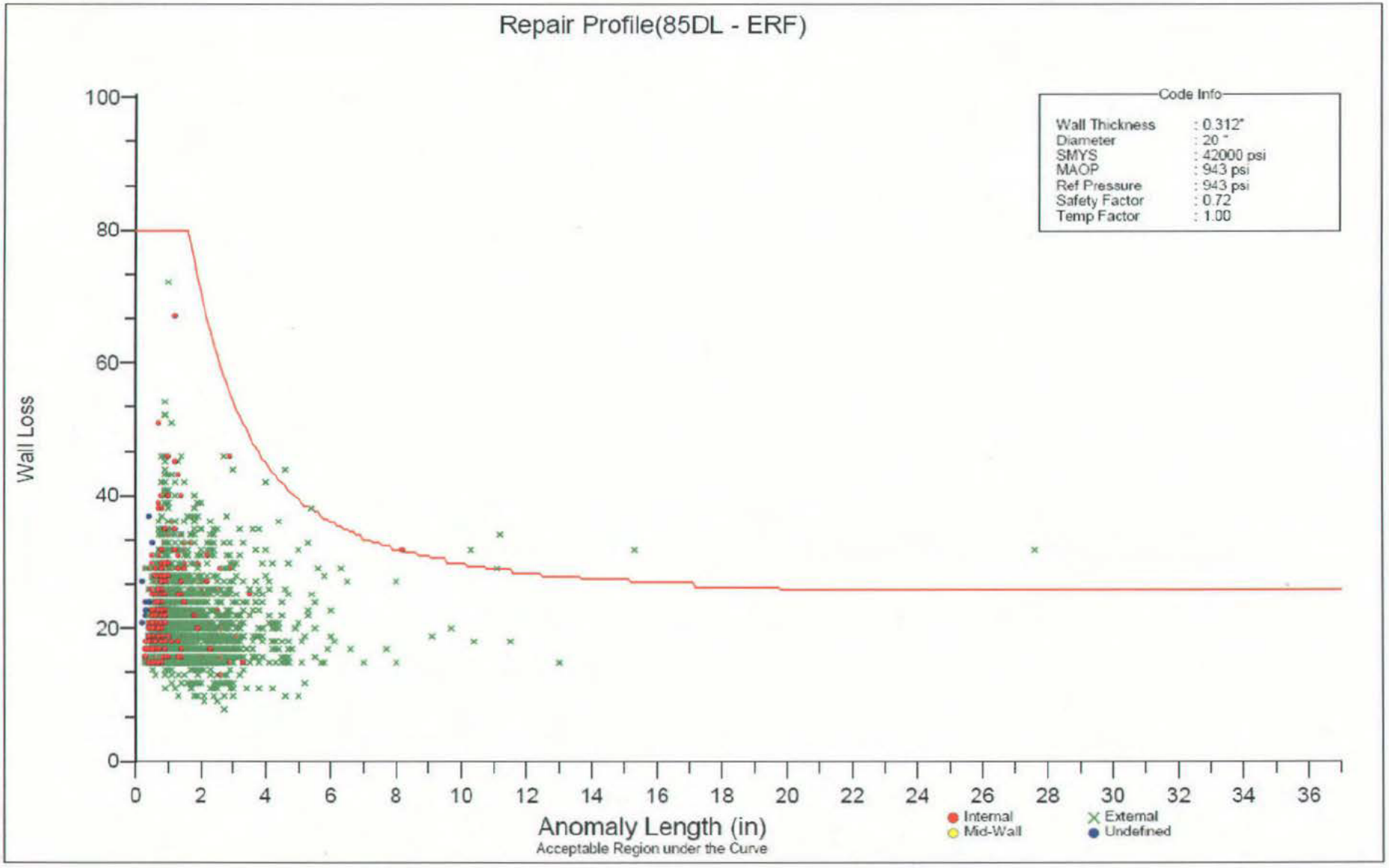

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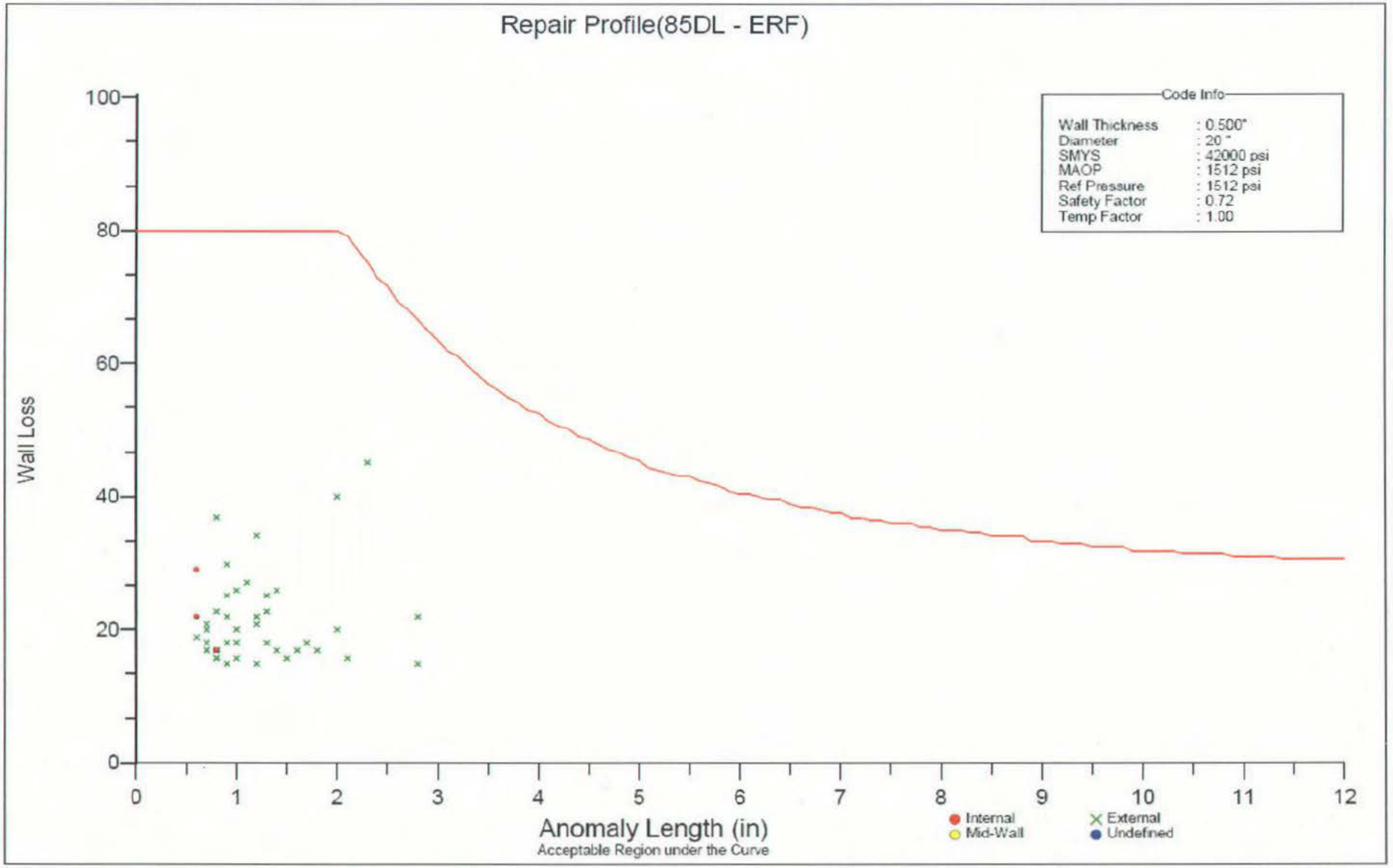

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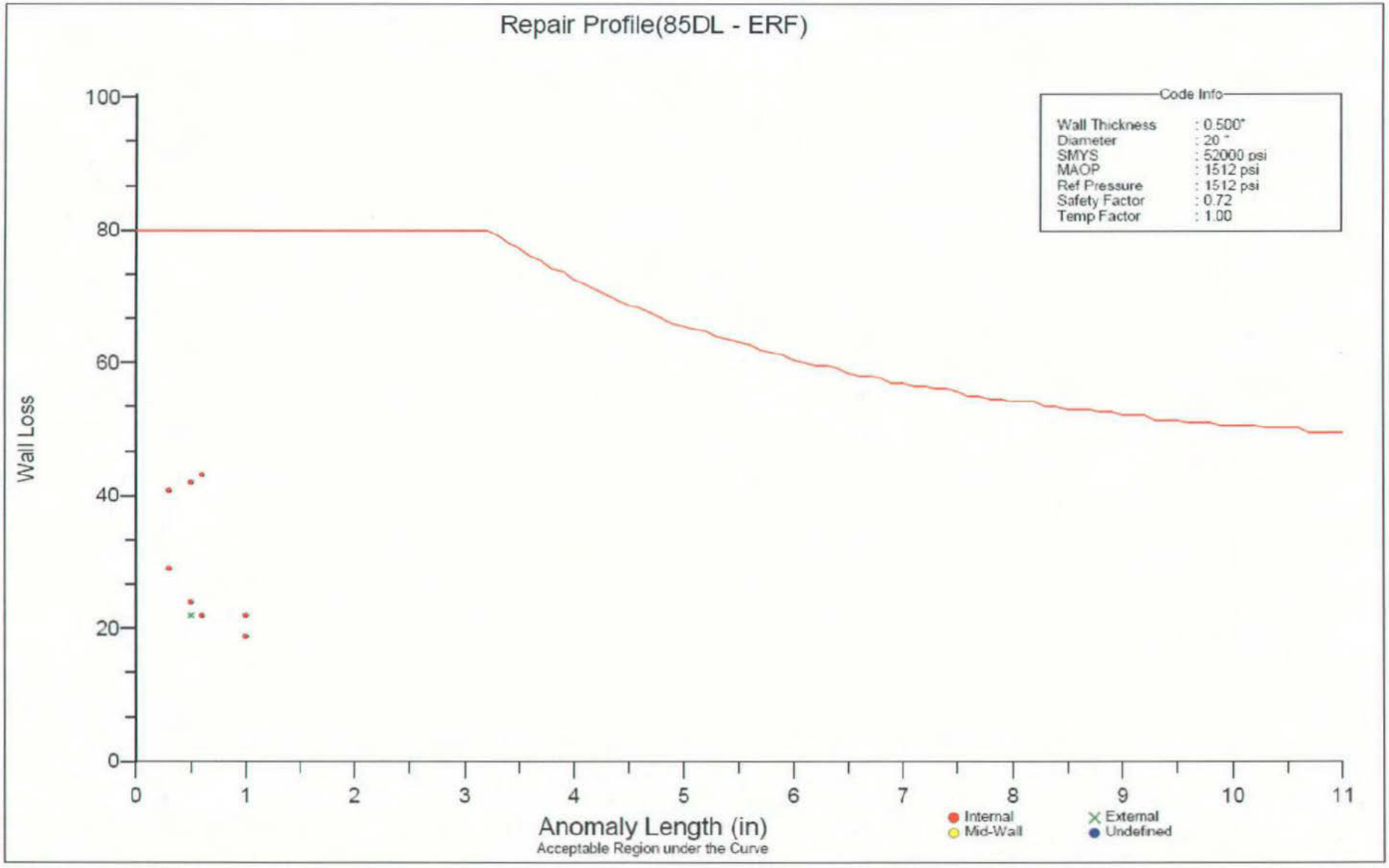

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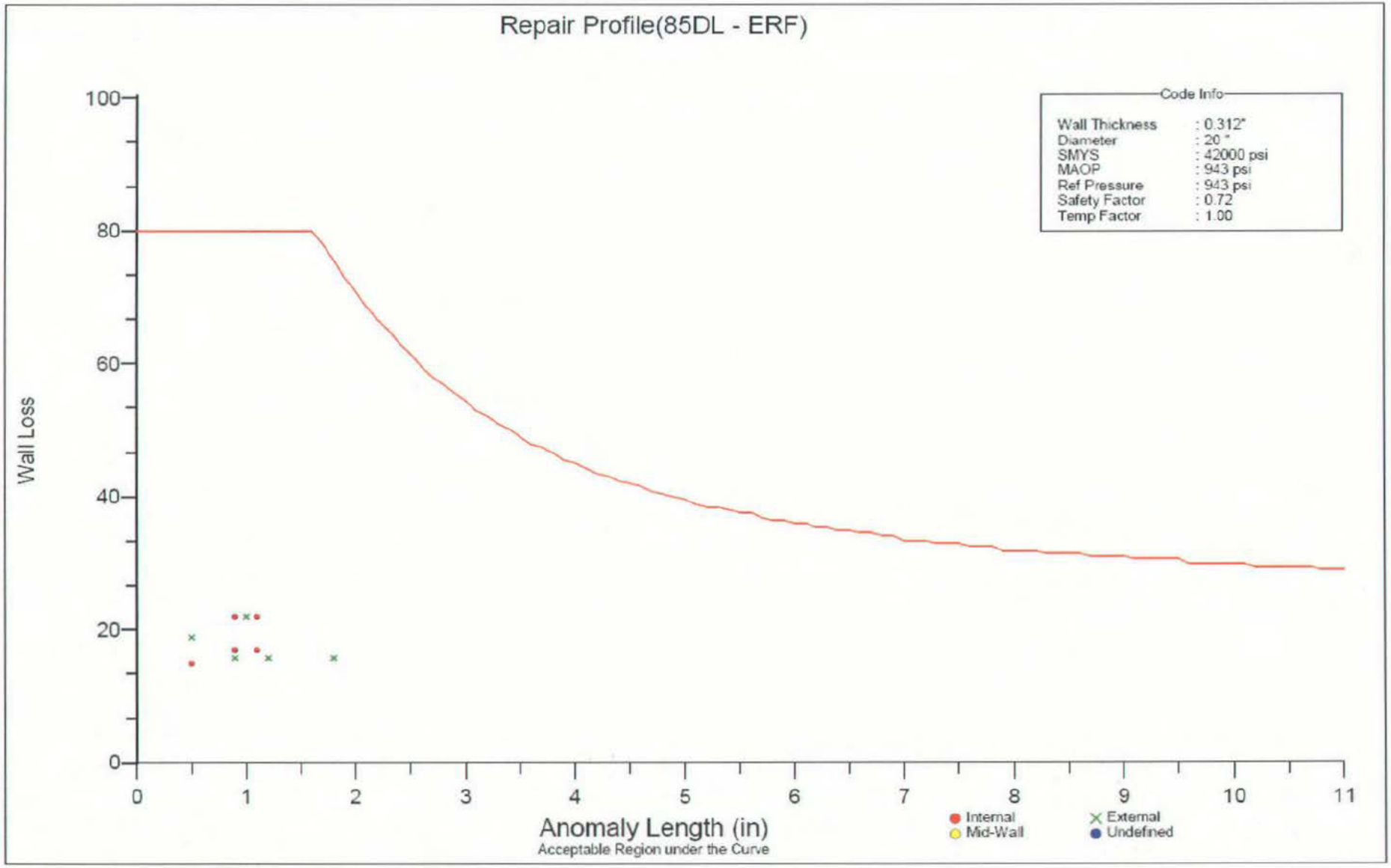

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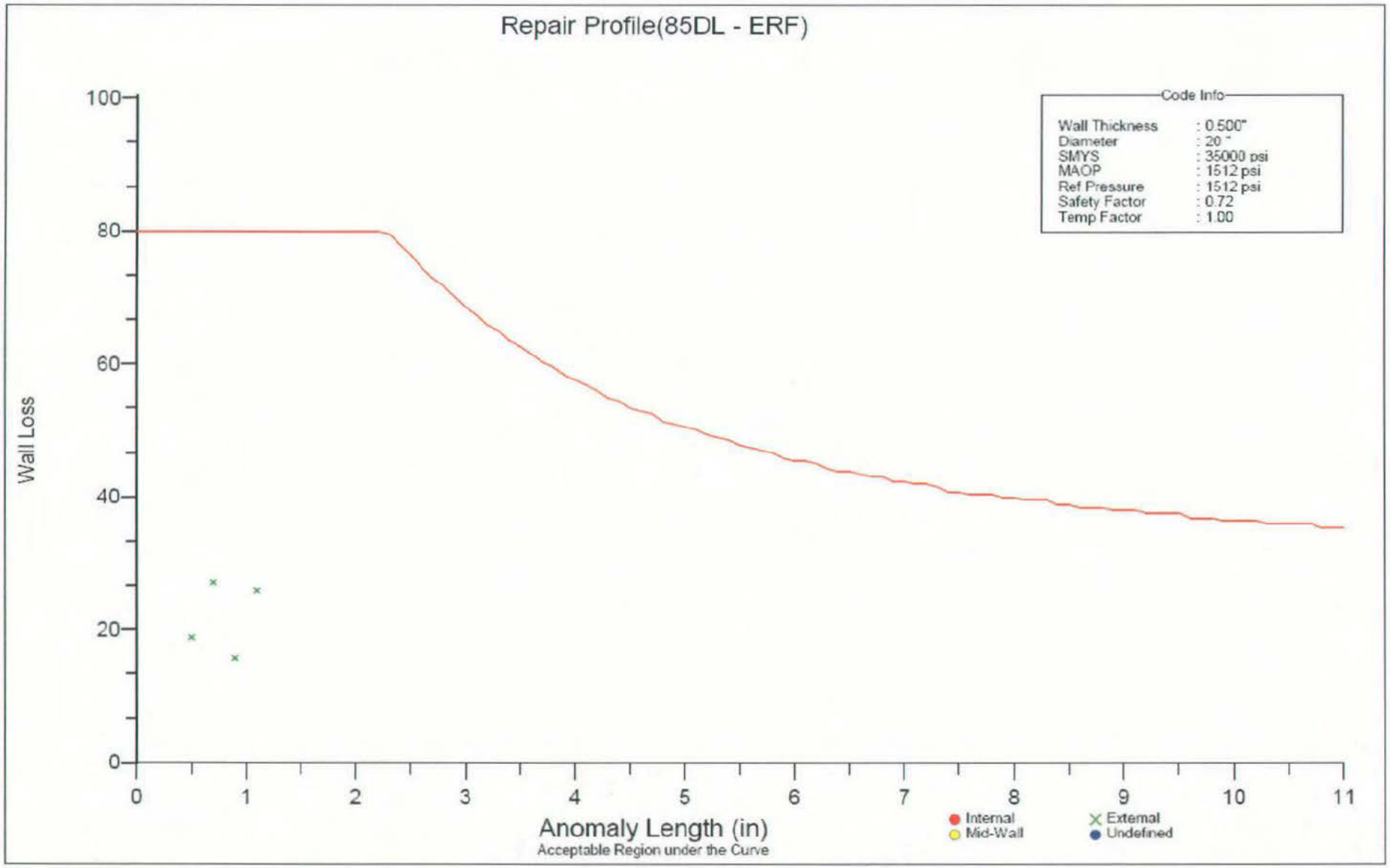

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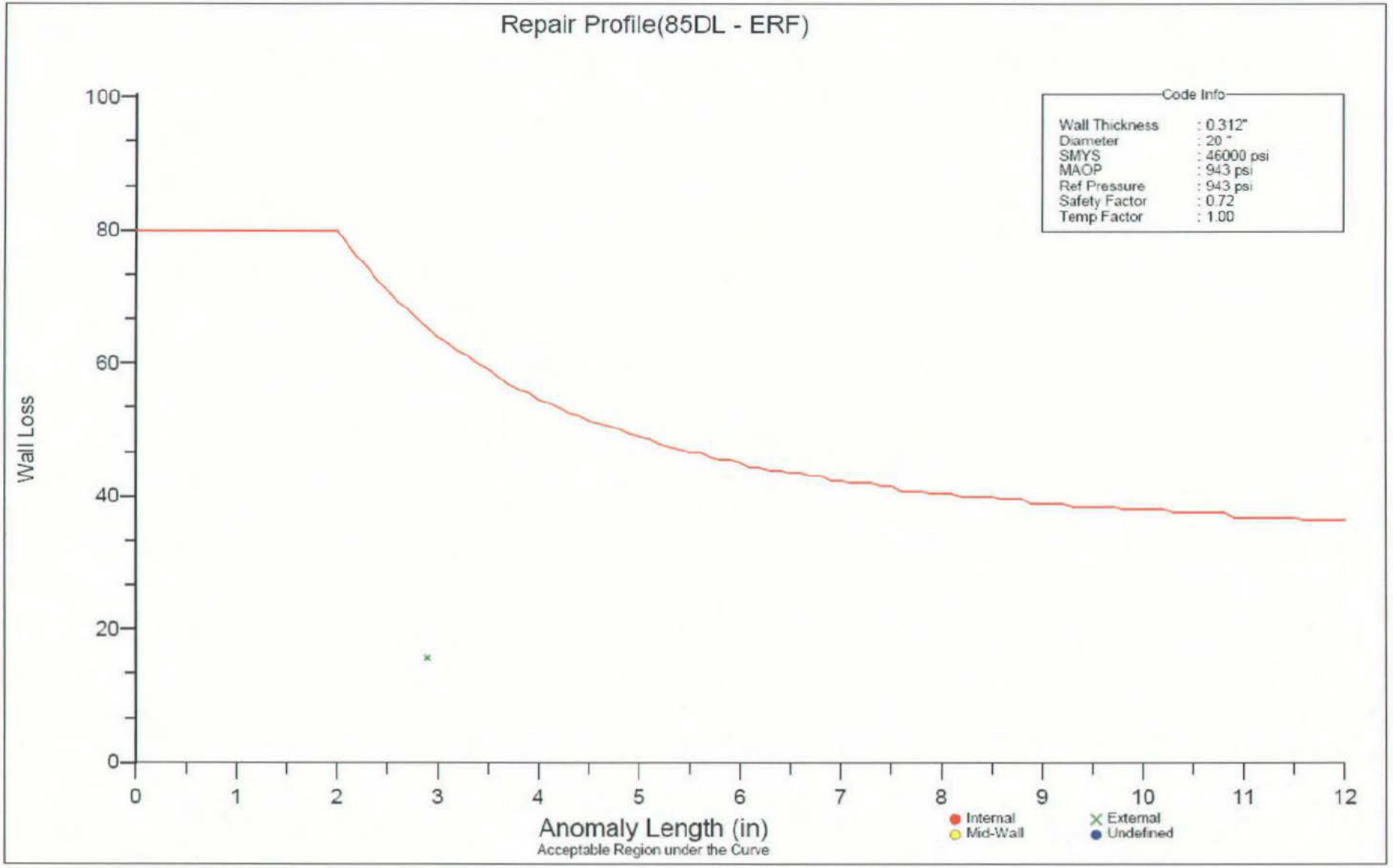

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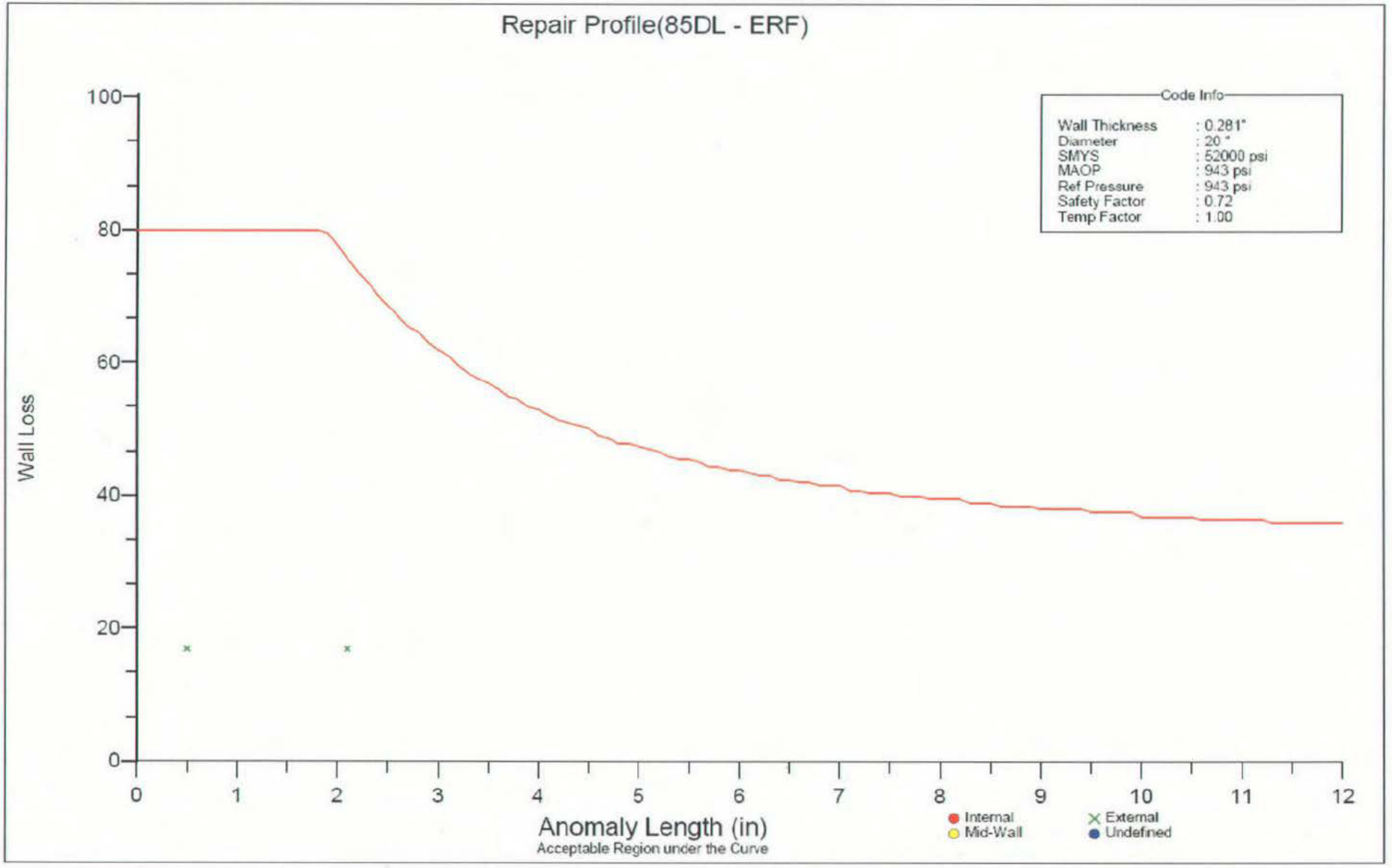

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5 INS/GPS Survey

5.1 Technology Overview

The NDT location/geometry in-line inspection (ILI) tools use a combination of technologies to perform geospatial analysis of data: Global Positioning System (GPS), Inertial Navigation System (INS), and Geographic Information System (GIS). NDT's ILI tool combines these component technologies in a single run, minimizing lost throughput, operator expense, and risk. ILI surveys attain unprecedented levels of accuracy due to these integrated geospatial capabilities, and analysts have a more complete information resource to:

- Detect and characterize pipe anomalies.
- Pinpoint locations of interest.
- Profile the pipeline environment.

GPS survey methods allow precise survey coordinates to be obtained for key "sparse" points along the pipeline, creating an absolute coordinate reference for the subsequent INS processing. These surface points are spaced along and directly above the pipeline at varying intervals, optimally every half mile (0.8 km) or every twenty minutes of tool passage. During the actual inspection run, above ground markers (AGMs) are placed at these locations to record an exact synchronized time of the tool's passage. Later, these time events are correlated with the survey positions to calibrate the INS data, and control/minimize position errors computed from the INS data.

The Inertial Measurement Unit (IMU) is the main sensor unit that provides the required resolution accuracy. It comprises precision rate gyros (ring laser or fiber optic) and accelerometers (Q Flex) mounted on orthogonal 3D axes, and measures at sample rates of 100Hz or higher.

The IMU's inherent error characteristics (predominantly gyro drift and accelerometer biases) are time-based. These error sources must be continually corrected using continuous velocity data derived from the odometer wheels that maintain contact with the inside pipe wall during the inspection run. Using advanced Kalman Filtering and empirical/optimal smoothing techniques, the INS processing system controls these errors to produce accurate position and attitude information. The result is high resolution, accurate 3D positions, with pipeline curvature, which cannot be produced by conventional methods.

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5.2 INS Special Report Notations

All INS Coordinates have been appended to the flaw/feature list in the main volumes of the project report.

The Linalog tool experienced very slow speeds between B.M. A110.44 and B.M. A109.38. As a result, the accuracy of the INS solution may have fallen below NDT's stated accuracy in this area.

Incorporating the correct elevations for the markers required extensive reprocessing of the INS data which resulted in having to change the pipeline odometer footages for the following three markers: AGM 15395+80 B.M. A291.75, AGM 15331+20 B.M. A290.57, and AGM 15263+59 B.M. A289.29.

AGM 11969+40 B.M. A226.75 was not used, because the accuracy of the INS solution would have been decreased.

Disclaimer: If the coordinates and elevations of markers on the pipeline were provided by the client (or a third party hired by the client), NDT disclaims any liability for any possible inaccuracies in the computations of coordinates and elevations resulting from inaccuracies in the marker coordinates and elevations.

5.3 Coordinates Datum References

- The coordinates used for INS processing were established by Exxon Mobil Pipeline Company.
- Horizontal datum of the coordinates is WGS84.
- Vertical datum is NAVD88.
- Accuracy of the horizontal position is unknown.
- Accuracy of the vertical position is unknown.
- Output geographic coordinates are in WGS84 and in decimal degree format.
- Projected X and Y coordinates are in UTM Zone 15N.
- All X (Easting), Y (Northing), and Elevation or Elevation_TOP values are in meters.

5.4 GPS Survey Coordinates

Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
V 330.50	(b) (7)(F)	35(b) (7)(F)	-9(b) (7)(F)	119.202
V 330.36		35	-9	114.042
A 329.86		35	-9	102.024
A 328.03		35	-9	88.811
A 326.37		35	-9	93.657
A 325.37		35	-9	92.599
A 324.60		35	-9	91.024
A 322.73		35	-9	84.690
A 321.65		35	-9	83.666

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 319.75	(b) (7)(F)	35. (b) (7)(F)	-92. (b) (7)(F)	82.736
A 318.21		35.	-92.	97.763
A 316.92		34.	-92.	91.609
A 315.89		34.	-92.	82.401
A 314.80		34.	-92.	90.051
A 314.22		34.	-92.	96.940
V 312.88		34.	-92.	80.670
V 312.88		34.	-92.	80.615
V 311.18		34.	-92.	80.020
V 310.89		34.	-92.	82.718
V 310.89		34.	-92.	82.523
A 309.21		34.	-92.	93.441
A 307.56		34.	-92.	84.772
A 306.20		34.	-92.	95.836
A 305.20		34.	-92.	156.251
A 304.20		34.	-92.	112.698
A 303.20		34.	-92.	136.686
A 302.20		34.	-92.	105.736
A 301.20		34.	-92.	99.921
V 299.60		34.	-92.	98.964
V 299.60		34.	-92.	98.948
V 299.60		34.	-92.	98.976
A 297.79		34.	-92.	96.263
A 297.08		34.	-92.	101.576
A 296.31		34.	-92.	103.063
A 295.20		34.	-92.	120.031
A 294.20		34.	-92.	139.993
A 292.95		34.	-92.	245.180
A 291.79		34.	-92.	206.589
A 290.57		34.	-92.	225.526
A 289.29		34.	-92.	203.148
A 288.05		34.	-92.	188.855
A 286.94		34.	-92.	215.827

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 286.02	(b) (7)(F)	3	(b) (7)(F) -92.	206.805
A 285.20		3	-92.	209.076
V 283.84		3	-92.	184.732
A 282.79		3	-92.	209.311
A 281.44		3	-92.	187.645
A 280.33		3	-92.	212.764
A 279.12		3	-92.	227.434
A 278.29		3	-92.	204.723
A 276.63		3	-92.	179.739
A 275.71		3	-93.	199.228
A 274.53		3	-93.	200.383
A 273.21		3	-93.	196.533
A 272.03		3	-93.	211.661
A 270.76		3	-93.	232.158
V 269.90		3	-93.	255.744
V 269.88		3	-93.	255.915
A 268.15		3	-93.	264.431
A 267.25		3	-93.	221.890
A 266.41		3	-93.	255.396
A 265.16		3	-93.	171.692
A 264.30		3	-93.	168.388
A 262.79		3	-93.	147.360
A 261.22		3	-93.	143.373
A 260.16		3	-93.	148.119
A 258.98		3	-93.	131.544
V 258.16		3	-93.	139.761
V 257.70		3	-93.	132.297
A 256.82		3	-93.	148.497
A 255.88		3	-93.	149.948
A 254.37		3	-93.	146.354
A 253.24		3	-93.	164.304
A 251.65		3	-93.	195.006
A 250.60		3	-93.	188.346

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 248.73	(b) (7)(F)	34. (b) (7)(F)	-93. (b) (7)(F)	171.585
A 247.21		34.	-93.	171.506
A 245.89		34.	-93.	167.367
A 244.46		34.	-93.	181.818
A 243.64		34.	-93.	193.357
A 242.31		34.	-93.	204.672
A 240.78		34.	-93.	203.291
A 239.75		34.	-93.	202.255
V 238.45		34.	-93.	194.738
V 238.23		34.	-93.	189.803
A 236.78		34.	-93.	194.293
A 235.60		34.	-93.	171.040
A 233.91		34.	-93.	166.078
A 232.26		34.	-93.	180.437
A 231.33		34.	-93.	218.366
A 230.10		34.	-93.	177.157
A 229.14		34.	-93.	185.262
A 228.06		34.	-93.	166.922
A 225.64		34.	-93.	210.417
A 224.72		34.	-93.	184.948
A 223.19		34.	-93.	165.108
A 222.07		34.	-93.	212.301
A 220.66		34.	-93.	191.980
A 219.94		34.	-93.	232.546
A 218.83		34.	-93.	189.511
V 217.12		34.	-93.	126.737
A 216.06		34.	-93.	191.157
A 215.11		34.	-93.	188.511
A 214.12		34.	-93.	177.435
V 213.26		34.	-93.	161.649
V 212.22		34.	-93.	119.672
A 211.13		34.	-93.	128.941
A 209.48		34.	-93.	142.782

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 207.89	(b) (7)(F)	34 (b) (7)(F)	-93. (b) (7)(F)	156.041
A 206.55		34	-93.	175.207
A 205.23		34	-93.	166.593
A 203.87		34	-93.	192.821
A 202.69		34	-93.	180.306
A 200.86		34	-93.	197.512
A 200.04		34	-93.	185.987
A 199.04		34	-93.	169.284
A 198.06		34	-93.	154.651
A 196.71		33	-94.	152.871
A 195.48		33	-94.	138.987
A 194.61		33	-94.	118.270
A 193.52		33	-94.	106.383
A 192.06		33	-94.	93.398
A 190.35		33	-94.	127.429
A 189.54		33	-94.	103.655
A 188.18		33	-94.	132.864
A 187.12		33	-94.	158.177
A 186.17		33	-94.	167.763
A 185.01		33	-94.	146.577
V 183.06		33	-94.	141.160
A 182.06		33	-94.	83.967
A 180.67		33	-94.	84.044
A 179.74		33	-94.	84.220
A 178.20		33	-94.	84.358
V 177.19		33	-94.	93.663
A 175.86		33	-94.	94.026
A 175.21		33	-94.	93.956
A 174.06		33	-94.	105.041
A 173.17		33	-94.	106.943
A 171.71		33	-94.	106.556
A 170.31		33	-94.	103.438
A 169.12		33	-94.	121.714

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A 168.06	(b) (7)(F)	33. (b) (7)(F)	-94. (b) (7)(F)	114.573
V 166.75		33.	-94.	131.059
V 166.60		33.	-94.	128.343
A 165.45		33.	-94.	131.663
A 164.17		33.	-94.	95.458
A 162.83		33.	-94.	93.624
A 162.13		33.	-94.	93.764
V 160.65		33.	-94.	97.601
V 159.32		33.	-94.	94.523
A157.75		33.	-94.	93.724
A 156.64		33.	-94.	109.327
A 156.03		33.	-94.	106.587
A 155.32		33.	-94.	106.888
A 154.06		33.	-94.	105.715
A 152.97		33.	-94.	107.190
A 152.11		33.	-94.	103.691
A 150.52		33.	-94.	107.721
A 149.39		33.	-94.	108.690
A 148.23		33.	-94.	110.680
A 147.21		33.	-94.	122.211
A 145.69		33.	-94.	113.198
A 144.50		33.	-94.	124.908
A 143.65		33.	-94.	118.297
A 142.36		33.	-94.	119.852
A 141.41		33.	-94.	130.907
A 140.31		33.	-94.	124.741
A 138.97		33.	-94.	116.151
A 137.19		33.	-94.	98.845
A 135.98		33.	-94.	95.590
V 134.79		33.	-94.	92.109
A 134.05		33.	-94.	88.988
A 132.71		33.	-94.	80.923
A 131.06		33.	-94.	81.322

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 129.93	(b) (7)(F)	33 (b) (7)(F)	-94. (b) (7)(F)	100.219
A 129.06		33	-94.	91.813
V 127.94		33	-94.	93.678
A 127.06		33	-94.	80.877
A 125.08		33	-94.	84.766
A 123.83		33	-94.	100.518
A 122.98		33	-94.	96.906
A 121.85		33	-94.	89.932
A 120.02		33	-95.	106.730
A 118.21		33	-95.	117.334
A 116.66		33	-95.	125.436
A 115.59		33	-95.	120.958
A 114.47		33	-95.	124.668
A 113.40		33	-95.	125.329
A 112.39		33	-95.	111.461
A 111.41		33	-95.	120.370
A 110.44		33	-95.	120.967
A 109.38		33	-95.	121.979
A 108.23		33	-95.	143.660
A 107.15		33	-95.	132.906
A 106.06		33	-95.	126.944
A105.03		33	-95.	156.248
A 103.99		33	-95.	140.051
A 102.67		33	-95.	136.841
A 101.95		33	-95.	120.742
A 100.61		33	-95.	172.759
A 099.41		33	-95.	124.655
V 098.57		33	-95.	142.834
V 098.49		33	-95.	142.575
A 097.35		33	-95.	143.571
A 096.38		33	-95.	125.701
A 095.03		33	-95.	127.935
A 094.28		33	-95.	136.485

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 093.33	(b) (7)(F)	33.(b) (7)(F)	-95.(b) (7)(F)	153.151
A 092.26		32.	-95.	150.804
A 091.13		32.	-95.	158.412
A 089.86		32.	-95.	155.757
A 088.43		32.	-95.	153.523
A 087.55		32.	-95.	149.750
A 086.44		32.	-95.	150.624
A 085.31		32.	-95.	150.374
A084.05		32.	-95.	133.985
V 082.82		32.	-95.	136.506
V 082.82		32.	-95.	136.533
A 081.42		32.	-95.	137.006
A 080.36		32.	-95.	139.197
V 078.77		32.	-95.	126.957
A 076.61		32.	-95.	121.958
A 075.28		32.	-95.	121.796
A 073.02		32.	-95.	123.351
A 071.96		32.	-95.	125.091
V 071.46		32.	-95.	130.895
A 070.84		32.	-95.	133.623
A 069.95		32.	-95.	139.676
A 068.95		32.	-95.	131.242
A 068.13		32.	-95.	131.794
V 066.64		32.	-95.	120.632
A 065.64		32.	-95.	106.632
V 063.60		32.	-95.	106.712
A 062.50		32.	-95.	120.760
A 061.48		32.	-95.	111.323
A 060.34		32.	-95.	125.326
A 058.72		32.	-95.	132.757
A 058.03		32.	-95.	142.745
V 056.90		32.	-95.	144.946
A 055.31		32.	-95.	140.383

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 054.71	(b) (7)(F)	32 (b) (7)(F)	-95 (b) (7)(F)	123.723
A 053.30		32	-95	147.875
A 052.18		32	-95	152.874
A 050.70		32	-95	155.690
A 049.55		32	-95	155.111
A 048.66		32	-95	164.767
A 047.52		32	-95	162.112
A 046.77		32	-95	153.685
A 045.48		32	-95	150.219
A 044.70		32	-95	145.900
A 043.14		32	-95	135.064
A 041.84		32	-95	126.649
V 041.06		32	-95	130.867
A 039.69		32	-96	137.052
A 038.17		32	-96	139.121
A 037.15		32	-96	131.641
A 035.52		32	-96	133.129
A 034.11		32	-96	120.428
A 032.59		32	-96	118.267
A 031.62		32	-96	119.023
A 030.89		32	-96	117.944
A 029.68		32	-96	112.619
A 028.56		32	-96	108.699
V 027.49		32	-96	114.146
A 026.55		32	-96	104.414
A 025.00		32	-96	97.016
A 023.38		32	-96	103.920
A 022.62		32	-96	112.945
V 021.39		32	-96	107.629
A 020.00		32	-96	92.029
A 019.00		32	-96	95.157
A 017.81		32	-96	86.500
A 017.00		32	-96	87.256

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Client_Point ID	NDT_Point ID	Latitude	Longitude	Elevation_TOP m
A 016.02	(b) (7)(F)	32.	-96.	89.378
V 014.96		32.	-96.	110.994
A 014.39		32.	-96.	116.938
A 013.32		32.	-96.	128.337
A 012.18		32.	-96.	118.715
A 011.36		32.	-96.	127.158
A 010.01		32.	-96.	126.140
A 008.60		32.	-96.	120.376
A 007.98		32.	-96.	121.994
A 007.36		32.	-96.	119.044
A 005.91		32.	-96.	96.166
A 004.13		32.	-96.	112.055
A 002.93		32.	-96.	108.833
A 001.91		32.	-96.	112.351
A 001.10		32.	-96.	123.137
V 000.01		32.	-96.	125.338
B.V.#23		32.	-96.	125.390

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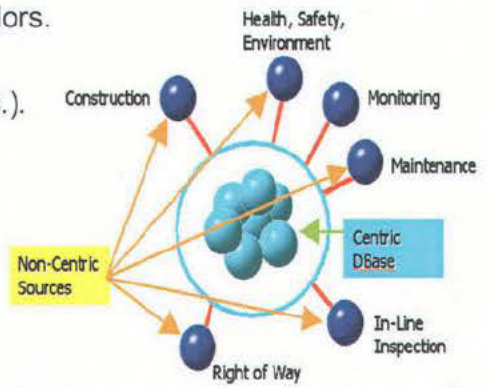
5.5 LinaView GIS - Data Integration

Combining pipeline features, anomalies, and other types of indications with accurate coordinates provides the client with a more comprehensive data set regarding of the state of the pipeline. This can facilitate risk-management decision-making and the prioritization of maintenance and repairs.

The data integration can contribute to the development, implementation, and maintenance of pipeline integrity programs. Non-ILI data can also be integrated with the ILI results in a GIS system.

Information that can be included in the GIS system:

- Aerial photography.
- Satellite imagery (multi-spectral).
- Land ownership, easements, and rights-of-way.
- Adjacent and intersecting pipeline and utility corridors.
- Population centers.
- Public and private facilities (schools, hospitals, etc.).
- Transportation routes.
- Ground cover classification.
- Soil type surveys.
- Digital elevation models.
- Rivers, lakes, drainage, and irrigation canals.
- Environmental and special interest areas.



The GIS system, with the supporting data, will enable pipeline integrity personnel to complete digital analysis for ongoing assessment and remediation of integrity concerns in a cost-effective, iterative manner.

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EMPCO-ARKGOV006680

Part 2:
Result Lists

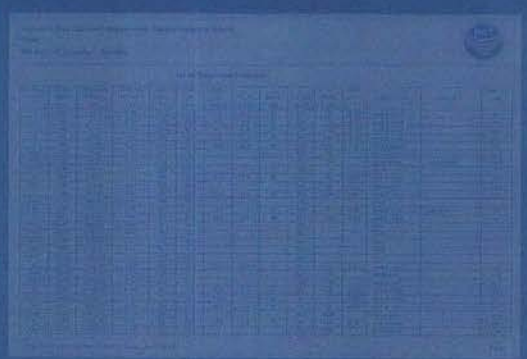

Image Format: JPEG
Image Height: 3347
Image Width: 2562

Part 2: Result Lists

Contents

1 Pipeline Register
2 Feature List(s)
- *2.1 Mechanical Damage Report*
- *2.2 LinaView Anomaly Report*
- *2.3 Summary List*
- *2.4 Pipe Segments List*
- *2.5 Weld List*
- *2.6 Welds with Comments List*

3 Detailed Feature Description(s)
- *3.1 Dig Sheets and Screen Shots*

4 Reference Point List(s)
- *4.1 Marker List*
- *4.2 Fixture Report*

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1 Pipeline Register

The Pipeline Register is provided on the accompanying CD.

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Feature List(s)

2 Feature List(s)

2.1 Mechanical Damage Report
2.2 LinaView Anomaly Report
2.3 Summary List
2.4 Pipe Segments List
2.5 Weld List
2.6 Welds with Comments List

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Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	VALV	(b) (7)(F)				0.000	2.367				0.000	695.200	Valve Launch B.V. # 19 17437+78 B.M. V330.50
Marker	VALV					2.575	2.217				694.992	2567.283	Valve B.V. # 1 S.H.G. 17430+15 B.M. V330.36
Marker	AGM					12.342	38.092				2557.158	9564.675	AGM 17404+17 B.M. A329.86
Marker	AGM					45.317	4.150				9557.450	8828.442	AGM 17307+33 B.M. A328.03
Marker	AGM					49.942	0.350				8782.650	5298.617	AGM 17219+60 B.M. A326.37 (INS)
Marker	AGM					11.425	38.367				5287.542	4009.808	AGM 17166+71 B.M. A325.37
Marker	AGM					3.025	46.442				4045.150	9781.342	AGM 17126+00 B.M. A324.60
Marker	AGM					34.258	15 508				9793.525	5688.750	AGM 17027+61 B.M. A322.73 (INS)
Marker	AGM					11.625	37.758				5692.633	10007.533	AGM 16970+26 B.M. A321 65
Marker	AGM					23.250	22.642				10022.042	8113.142	AGM 16869+90 B.M. A319.75
Marker	AGM					10.467	38.642				8125.317	6750.167	AGM 16788+78 B.M A318.31 (INS)
Marker	AGM					0.775	48.083				6788.033	5318.108	AGM 16720+55 B.M. A316.92
Marker	AGM					25.558	16.742				5340.633	5770.442	AGM 16666+53 B.M. A315.89
Marker	AGM					11.992	38.292				5775.192	2989.558	AGM 16608+65 B. M. A314.80 (INS)
Marker	AGM					2.308	40.217				3025.542	7051.225	AGM 16578+31 B.M. A314.22
Marker	VALV					2.425	2.242				7089.017	5.483	Valve 16507+53
Marker	VALV					2.692	2.275				5.033	8980.992	Valve B.V.# 4G38 16507+45 B.M. V312.88
Marker	VALV					2.333	3.308				8980.933	1527.017	Valve B.V. # 1G37 16417+50 B.M. V311.18
Marker	VALV					2.267	2.225				1528.058	8842.550	Valve B.V. # G39 16402+22 B.M. V310.89
Mech	DENT		0.00	0.00	06:50	27.758	1.008	2.325	28.767	46.342	29.642	8786.367	Dent BRC on Weld
Mech	DENT		2.55	11.60	06:30	2.550	47.208	27.158	49.758	21.908	6422.242	2372.775	Sleeved
Marker	AGM					8.583	40.492				8836.192	8687.858	AGM 16313+63 B.M. A309.21
Marker	AGM					0.117	17.433				8728.233	7095.567	AGM 16228+42 B.M. A307.56
Marker	AGM					47.908	0.433				7065.092	5305.333	AGM 16156+80 B.M. A306.20
Mech	DENT		2.07	10.40	06:40	8.000	42.250	46.817	50.250	49.483	3906.517	1349.000	Sleeved
Marker	AGM					17.483	32.050				5288.283	5236.708	AGM 16104+00 B.M. A305.20
Marker	AGM					7.483	35.608				5261.275	5231.217	AGM 16051+20 B.M. A304.20
Marker	AGM					20.542	29.900				5246.283	5235.167	AGM 15998+40 B.M. A303.20
Marker	AGM					47.292	1.492				5217.775	5281.283	AGM 15945+61 B.M. A302.20
Marker	AGM					6.233	11.250				5276.542	8382.208	AGM 15892+62 B.M. A301.20 (INS)
Marker	VALV					2.283	2.325				8391.175	10.775	Valve 15808+37
Marker	VALV					2.200	2.208				10.900	9561.375	Valve S.W. B.V. 15808+24 B.M. V299.60
Marker	AGM					10.067	39.200				9553.517	3736.325	AGM 15712+54 B.M. A297.79
Marker	AGM					23.000	20.325				3752.525	9860.225	AGM 15675+29 B.M A297.08
Marker	AGM					16.450	29.950				9864.100	5383.458	AGM 15576+04 B.M. A295.20
Mech	DENT		2.14	9.80	05:55	35.133	9.267	48.783	44.400	48.000	3552.717	1816.292	Sleeved
Marker	AGM					38.483	11.867				5374.925	6537.758	AGM 15523+20 B.M. A294.20
Marker	AGM					18.133	31.400				6531.492	6020.433	AGM 15457+04 B.M. A292.95

EMPCO-ARKGOV006687

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Mech	DENT	(b) (7)(F)	0.00	0.00	05:40	1.592	46.242	47.842	47.833	47.192	5590.192	413.808	Dent BRC on Long Seam
Marker	AGM					12.042	35.675				6039.792	6397 633	AGM 15395+80 B.M. A291.75 (INS)
Marker	AGM					4.967	43.450				6428.342	6727.783	AGM 15331+20 B.M. A290.57
Marker	AGM					41.200	8.708				6730.033	6468.833	AGM 15263+59 B.M. A289.29 (INS)
Marker	AGM					31.325	15.017				6446.217	5863.458	AGM 15198+58 B.M. A288.05
Marker	AGM					20.317	28.583				5858.158	4806 467	AGM 15139+95 B.M. A286 94
Marker	AGM					45.117	2.733				4789.933	4331.475	AGM 15091+40 B.M. A286.02 (INS)
Marker	AGM					38.700	12.758				4295.508	7212.125	AGM 15047+86 B.M. A285.20
Marker	VALV					2.767	2.883				7222.117	5629.533	Valve B.V. #G34 14975+98 B.M. V283.84
Marker	AGM					1.483	48.233				5630.933	6909.192	AGM 14920+80 B.M. A282.79 (INS)
Marker	AGM					0.408	47.908				6957.017	5862.417	AGM 14849+31 B.M. A281.44
Marker	AGM					24.675	26.050				5885.650	6345.008	AGM 14790+51 B.M. A280.33
Marker	AGM					7.617	42 367				6363.442	13084.733	AGM 14726+90 B.M. A279.12 (INS)
Marker	AGM					8.208	31.892				13118.892	4816.025	AGM 14595+27 B.M. A276.63
Marker	AGM					36.767	12.967				4811.150	6163 658	AGM 14546+81 B.M. A275.71 (INS)
Marker	AGM					3 417	31.083				6173.208	6896.933	AGM 14484+40 B.M. A274.53
Mech	DENT		1.05	15.10	01:35	18.308	33.250	14.933	51.558	48.400	1221.225	5655.233	Dent BRC Associated with MLOS BRC
Marker	AGM					6.450	40 042				6921.567	6289.850	AGM 14415+02 B.M. A273.21
Marker	AGM					36.992	8.858				6292.900	6658.317	AGM 14352+51 B.M. A272.03 (INS)
Marker	AGM					10.842	38.300				6656.333	4492.983	AGM 14285+65 B.M. A270.76
Marker	VALV					2.667	2.642				4528.617	97.958	Valve N.H.G. 14239+84 B.M. V269.69
Marker	VALV					2.850	2.542				97 750	9250.400	Valve B.V. #1 S.H.G. 14238+82 B.M. V269.67
Marker	AGM					32.242	18.025				9220.700	4631.717	AGM 14147+38 B.M. A268.15 (INS)
Marker	AGM					13.417	31.050				4636.325	4369.408	AGM 14100+05 B.M. A267.25
Marker	AGM					10.833	14.867				4389.625	6658.483	AGM 14055+98 B.M. A266.41
Marker	AGM					20.742	29.375				6652.608	4451.883	AGM 13989+60 B.M. A265.16 (INS)
Marker	AGM					46.225	1.117				4435.033	7968.725	AGM 13944+44 B.M. A264.30
Marker	AGM					31.150	16.317				7938.692	8262.367	AGM 13864+59 B.M. A262.79
Marker	AGM					10.500	2.042				8268.183	5585.750	AGM 13781+83 B.M. A261.22 (INS)
Marker	AGM					16.867	28.675				5570.925	6202.792	AGM 13725+93 B.M. A260.16
Marker	AGM					31.642	15.992				6199.825	4313.558	AGM 13663+41 B.M. A258.98
Marker	VALV					2.433	2.233				4327.117	2432.525	Valve B.V. # G32 13620+16 B.M. V258.16
Marker	VALV					2.625	2.175				2432.133	4541.383	Valve B.V. # G33 13595+96 B.M. V257.70
Marker	AGM					5.125	44.033				4538.433	4980.892	AGM 13549+23 B.M. A256.82
Mech	DENT		0.00	0.00	05:25	2.333	45.517	46.575	47.850	47.267	1910.858	3066.217	Dent BRC on Weld
Marker	AGM					21.125	30.108				5003.800	7946.733	AGM 13499+98 B.M. A255.88 (INS)
Marker	AGM					42.992	4.533				7933.850	5971.800	AGM 13420+22 B.M. A254.37
Marker	AGM					23.275	25.475				5953.058	8351.442	AGM 13360+56 B.M. A253.24

EMPCO-ARKGOV006688

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)				16.242	29.008				8360.675	5567.175	AGM 13276+65 B.M. A251.65 (INS)
Marker	AGM					34.833	12.625				5561.350	9961.450	AGM 13220+91 B.M. A250.60
Marker	AGM					12.325	37.858				9961.750	7982.742	AGM 13122+01 B.M. A248.73
Marker	AGM					5.167	43 400				8015.433	6700.317	AGM 13041+75 B.M A247.21 (INS)
Marker	AGM					35.450	15.350				6708.267	6837.767	AGM 12972+49 B.M. A245.89
Mech	DENT		0.00	0.00	11:30	12.675	0.275	46.817	12.950	43.692	5282.783	1557.383	Dent BRC on Weld
Marker	AGM					6.550	42 650				6846.567	5116.442	AGM 12896+85 B.M A244.46
Marker	AGM					7.267	38.867				5151.825	6961.558	AGM 12853+28 B.M. A243.64 (INS)
Marker	AGM					0.317	51.308				7000.108	7994.517	AGM 12783+28 B.M. A242.31
Marker	AGM					46.267	4.667				7999.558	5389.700	AGM 12702+62 B.M. A240.78
Mech	DENT		0.00	0.00	06:10	1.192	48.200	47.267	49.392	35.258	1822.067	3522.908	Dent BRC on Weld
Marker	AGM					6.000	45.342				5388.367	6872.167	AGM 12648+28 B.M. A239.75
Marker	VALV					2.383	2.375				6915.125	1171.875	Valve 16 N.H.G. 12579+45 B.M V238.25
Marker	VALV					2.583	2.258				1171.667	7607.217	Valve B.V. # 1S.H.G. 12574+96 B.M. V238.16
Marker	AGM					38.700	9.242				7570.775	6302 808	AGM 12498+83 B.M. A236.78
Marker	AGM					29.292	22.075				6282.758	8839.550	AGM 12436+60 B.M. A235.60
Mech	DENT		0.00	0.00	06:30	39.642	0.750	44.458	40.392	49.692	6838.475	1982.758	Dent BRC on Weld
Marker	AGM					2.808	46.158				8858.817	8628.625	AGM 12347+05 B.M. A233.91 (INS)
Marker	AGM					36.375	14.150				8638.408	4880.500	AGM 12260+28 B.M. A232.26
Marker	AGM					44.283	7 467				4850.367	6539.142	AGM 12211+28 B.M. A231.33
Mech	DENT		0.00	0.00	05:00	7.542	41.617	48.133	49.158	19.700	5644.425	853.025	Dent BRC Associated with MLOS
Marker	AGM					45.008	5.658				6501.600	5034.350	AGM 12145+86 B.M. A230.10 (INS)
Marker	AGM					37.417	7.700				5002.592	5682.617	AGM 12095+33 B.M. A229.14
Marker	AGM					11.358	34.583				5678.958	7082.983	AGM 12038+40 B.M. A228.06
Marker	AGM					28.808	22.158				7088.758	5643.792	AGM 11969+40 B.M. A226.75 (INS)
Marker	AGM					43.608	6.458				5622.342	4807.317	AGM 11910+51 B.M. A225.64
Mech	DENT		2.75	7.30	06:25	0.317	50.542	46.867	50.858	43.650	3522.358	1240 558	Sleeved
Mech	DENT		3.55	10.00	01:00	24.542	22.483	45.642	47.025	45.883	3662.508	1104.242	Sleeved
Marker	AGM					13.583	2.367				4800.192	8100.808	AGM 11862+22 B.M. A224.72
Mech	DENT		0.00	0.00	06:30	0.008	48.633	49.350	48.642	50.017	2590.892	5463.642	Dent BRC on Weld
Marker	AGM					15.183	2.058				8087.992	5889.158	AGM 11781+08 B.M. A223.19 (INS)
Mech	DENT		3.17	12.20	06:25	25.600	23.733	48.150	49.333	50.150	5840.525	1.358	
Marker	AGM					1.358	48.792				5889.858	7392.017	AGM 11722+24 B.M. A222.07
Marker	AGM					37.158	14.025				7403.650	3781.075	AGM 11647+79 B.M. A220.66
Marker	AGM					2.792	41.642				3792.308	5785.608	AGM 11609+75 B.M. A219.94 (INS)
Mech	DENT		0.00	0.00	07:15	0.700	45.408	46.700	46.108	48 700	1246.025	4535.117	Dent BRC on Weld - Sleeved
Marker	AGM					7.383	42.758				5819.867	9053.058	AGM 11551+27 B.M. A218.83
Marker	VALV					2.375	2.417				9093.442	5568.683	Valve B.V. # G31 11460+58 B.M. V217.12

EMPCO-ARKGOV006689

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Mech	DENT	(b) (7)(F)	2.05	9.50	06:10	26.342	16.383	48.342	42.725	3.092	327.742	5200.633	
Marker	AGM					31.208	9.875				5539.892	5046.100	AGM 11404+79 B.M. A216.06
Marker	AGM					39.567	9.608				5016.408	5387.450	AGM 11354+48 B.M. A215.11 (INS)
Marker	AGM					14.233	32.017				5382.825	4529.692	AGM 11302+31 B.M A214.12
Marker	VALV					2.292	2.308				4559.417	10992.975	Valve B.V. # S.P. 11256+83 B.M. V213.26
Marker	AGM					0.200	42.225				10995.083	8688.983	AGM 11144+55 B.M A211.13 (INS)
Marker	AGM					8.050	39.192				8723.158	8360.617	AGM 11057+30 B.M. A209.48
Marker	AGM					28.275	18.325				8371.533	7057.592	AGM 10973+51 B.M. A207.89
Marker	AGM					40.008	5.875				7035.908	7336.250	AGM 10902+48 B.M. A206.55 (INS)
Marker	AGM					21.217	27.558				7320.908	6761.433	AGM 10832+93 B.M. A205.23
Marker	AGM					36.992	11.642				6752.000	6223.333	AGM 10760+96 B.M. A203.87
Marker	AGM					13.475	35.342				6221.500	9619.258	AGM 10698+85 B.M. A202.69
Mech	DENT		0.00	0.00	07:05	0.358	49.333	18.008	49.692	47.300	2557.858	7047.050	Dent BRC on Weld
Marker	AGM					12.533	26.533				9642.067	4306.033	AGM 10602+24 B.M. A200.86 (INS)
Marker	AGM					27.133	22.642				4305.433	5228.333	AGM 10558+87 B.M. A200.04
Marker	AGM					42.717	4.767				5208.258	5175.858	AGM 10506+35 B.M. A199 04
Marker	AGM					45.000	3.633				5135.625	7148.733	AGM 10454+40 B.M. A198.06
Marker	AGM					23.242	16.258				7129.125	6473.042	AGM 10383+05 B.M. A196.71
Marker	AGM					14.667	35.333				6474.633	4576.942	AGM 10318+19 B.M. A195.48
Marker	AGM					26.308	22 583				4585.967	5717.175	AGM 10271+99 B.M. A194.61 (INS)
Marker	AGM					1.317	46.408				5738.442	7605.108	AGM 10214+58 B.M. A193.52
Marker	AGM					40.992	4.408				7610.525	8792 217	AGM 10137+80 B.M. A192.06
Mech	DENT		0.00	0.00	12:00	42.883	6.950	46.292	49.833	47.975	5352.108	3394.683	Dent BRC on Long Seam
Marker	AGM					31.225	13.917				8765.400	4565.892	AGM 10047+03 B.M. A190.35
Marker	AGM					15.150	15.217				4564.658	7181.317	AGM 10004+32 B.M. A189.54 (INS)
Marker	AGM					25.092	20.333				7171.442	5550.825	AGM 9932+50 B.M. A188.18
Marker	AGM					26.442	17.442				5544.717	4997.633	AGM 9876+74 B M. A187.12
Marker	AGM					7.283	41.583				5007.792	5948.825	AGM 9826+82 B.M. A186.17 (INS)
Marker	AGM					3.517	40.883				5986.892	10371.858	AGM 9765+11 B.M. A185.01
Mech	DENT		2.21	7.10	11:30	26.358	23.300	45.717	49.658	18.042	4921.225	5441.858	
Marker	VALV					2 433	2.342				10410.308	12583.400	Valve B.V. # G29 9662+26 B.M. V183.06
Marker	AGM					38.742	1.275				12547.000	4935.625	AGM 9536+44 B.M. A180.67 (INS)
Marker	AGM					24.192	15.783				4912.708	8078.875	AGM 9487+11 B.M. A179.74
Marker	AGM					31.592	12.383				8063.067	5333 908	AGM 9405+89 B.M. A178.20
Marker	VALV					2.325	2.308				5343.967	7013.233	Valve B.V. # G28 9352+45 B.M. V177.19
Marker	AGM					41.000	5.042				6974.542	3423.892	AGM 9282+14 B.M. A175.86
Marker	AGM					25.250	23.650				3403.683	6072.467	AGM 9247+56 B.M. A175.21 (INS)
Marker	AGM					44.058	4.442				6052.058	4800.533	AGM 9187+22 B.M. A174.06

EMPCO-ARKGOV006690

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Marker	AGM	(b) (7)(F)				10.567	35.300				4794.408	7544.108	AGM 9139+98 B.M. A173.17
Marker	AGM					23.558	21.958				7555.850	7391 775	AGM 9063+33 B.M. A171.71
Marker	AGM					2.092	50.125				7411.642	6238.667	AGM 8989+17 B.M. A170.31 (INS)
Marker	AGM					13.075	28.300				6275.717	5567.583	AGM 8926+33 B.M. A169.12
Marker	AGM					3.942	39.458				5591.942	6895.683	AGM 8870+40 B.M. A168.06
Marker	VALV					2.408	2.367				6932.733	780.558	Valve Gate 8801+05 16 N. H G.
Marker	VALV					2.467	2.300				780.458	6045.900	Valve B.V. # 1 S.H.G. 8793+16 B.M. V166.60
Marker	AGM					5.642	42.558				6042.558	6707.742	AGM 8732+72 B.M. A165.45 (INS)
Marker	AGM					2.692	47.483				6747.608	7024.300	AGM 8665+16 B.M. A164.17
Marker	AGM					34.058	17.358				7037.725	3713.608	AGM 8594+45 B.M. A162.83
Marker	AGM					3.483	43.317				3727.483	7714 558	AGM 8557+15 B.M. A162.13 (INS)
Marker	VALV					2.375	2.375				7755.500	7063.467	Valve B.V. # G27 8479+04 B.M. V160.65
Marker	VALV					2.475	2.183				7063.367	8278.192	Valve B.V. # G27A 8409+09 B.M. V159.32
Mech	DENT		2.00	8.00	01:30	8.083	38.558	50.742	46.642	47.342	1458.042	6775.692	
Marker	AGM					28.733	17.608				8251.642	5864 125	AGM 8326+24 B.M. A157.75
Marker	AGM					34.375	9.117				5847.358	3232.142	AGM 8267+36 B.M. A156.64 (INS)
Marker	AGM					42.058	0.525				3199.200	3697.208	AGM 8235+02 B.M. A156.03
Marker	AGM					19.342	26.983				3678.392	6648.992	AGM 8197+74 B.M. A155.32
Marker	AGM					8.075	44.067				6667.900	5698.133	AGM 8131+20 B.M. A154.06
Marker	AGM					33.958	13.733				5708.242	4534.483	AGM 8073+79 B.M. A152.97 (INS)
Marker	AGM					16.233	29.450				4531.983	5671.642	AGM 8028+26 B.M. A152.11
Mech	DENT		2.68	6.40	10:45	12.375	36.350	45.683	48.725	51.583	29.450	5622.917	Sleeved
Marker	AGM					38.067	9.825				5663.025	8633.433	AGM 7944+25 B.M. A150.52
Marker	AGM					4.617	30.608				8638.642	6116.442	AGM 7884+73 B.M. A149.39
Marker	AGM					37.158	12.158				6109.892	5335.850	AGM 7823+26 B.M. A148.23 (INS)
Marker	AGM					0.642	44.858				5347.367	7932.533	AGM 7769+68 B.M. A147.21
Marker	AGM					47.883	1.750				7929.508	6341 808	AGM 7689+38 B.M. A145.69
Marker	AGM					9.150	39.900				6334.408	4452.592	AGM 7626+50 B.M. A144.50
Marker	AGM					26.692	19 292				4465.800	6784.342	AGM 7581+53 B.M. A143.65 (INS)
Mech	DENT		0.86	8.20	12:35	22.992	27.392	49.458	50.383	51.325	6283.358	469.892	Dent BRC Associated with MLOS BRC
Marker	AGM					5.142	44 267				6798.492	4982.317	AGM 7513+44 B.M. A142.36
Marker	AGM					29.992	16 042				4996.592	5803.083	AGM 7463+17 B.M. 141.41
Marker	AGM					0.317	50.317				5818.808	6977.358	AGM 7405+01 B.M. A140.31 (INS)
Marker	AGM					34.450	13.267				6993.225	9389.217	AGM 7334+64 B.M. A138.97
Marker	AGM					7.708	4.492				9394.775	6426.317	AGM 7240+57 B.M. A137.19
Marker	AGM					40.850	4.875				6389.958	6625.033	AGM 7176+32 B.M. A135.98 (INS)
Marker	VALV					2.400	2.250				6627.508	3528.342	Valve B.V. # S.P. 7113+75 B.M. V134.79
Marker	AGM					6.208	32.333				3524.383	15749.633	AGM 7074+66 B.M. A134.05

EMPCO-ARKGOV006691

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)				22.875	17.475				15759.092	5928.958	AGM 6916+80 B.M. A131.06
Marker	AGM					5.525	44.833				5940.908	4541.600	AGM 6857+37 B.M. A129+93 (INS)
Marker	AGM					16.792	33.892				4569.642	5958.300	AGM 6811+20 B.M. A129.06
Marker	VALV					2 617	2.775				5989.575	4399.600	Valve B.V. # G26 6752+13 B.M. V127.94
Marker	AGM					30.142	13.067				4372.233	10654.117	AGM 6705+60 B.M. A127.06
Marker	AGM					7 758	38.158				10659.425	6516.592	AGM 6600+79 B.M. A125.08
Marker	AGM					37.000	12 000				6517.750	4516.858	AGM 6535+21 B.M. A123.83
Marker	AGM					9.067	37.258				4519.792	5946.942	AGM 6489+89 B.M. A122.98 (INS)
Marker	AGM					26.267	24 117				5957.933	9625.908	AGM 6430+30 B.M. A121.85
Marker	AGM					0.450	44.717				9649.575	9464.075	AGM 6333+60 B.M. A120.02
Marker	AGM					40.717	7.317				9468.075	8211.900	AGM 6238+54 B.M. A118.21 (INS)
Marker	AGM					37.492	8.792				8181.725	5642.925	AGM 6156+33 B.M. A116.66
Marker	AGM					31.892	14.008				5619.825	5909.575	AGM 6099+83 B.M. A115.59
Marker	AGM					38.042	10.425				5885.542	5627.225	AGM 6040+61 B.M. A114.47 (INS)
Marker	AGM					5.600	43.083				5632.050	5353 658	AGM 5984+26 B.M. A113.40
Marker	AGM					24.858	24.283				5371.883	5108.450	AGM 5930+99 B.M A112.39
Marker	AGM					17.992	29.983				5114.742	5077.050	AGM 5878+99 B.M. A111.41
Marker	AGM					44.425	6.333				5062.608	5556.575	AGM 5827+94 B.M. A110.44
Marker	AGM					25.533	1.892				5537.375	6237.700	AGM 5772+05 B.M. A109.38 (INS)
Marker	AGM					1.142	47.842				6238.450	5611.983	AGM 5711+09 B.M. A108.23
Marker	AGM					27.000	22.625				5632.825	5784.375	AGM 5654+26 B.M. A107.15
Marker	AGM					11.433	39.992				5795.567	5382.533	AGM 5596+51 B.M. A106.06
Marker	AGM					51.067	0.158				5371.458	5480.117	AGM 5542+49 B.M. A105.03 (INS)
Marker	AGM					38.267	9.008				5442.008	6967.417	AGM 5487+55 B.M. A103.99
Marker	AGM					23.383	26.292				6953.042	3767 425	AGM 5417+65 B.M. A102.67
Marker	AGM					11.833	3.050				3781.883	7062.350	AGM 5379+69 B.M. A101.95
Marker	AGM					27.683	21 325				7037.717	6321.275	AGM 5309+17 B.M. A100.61 (INS)
Marker	AGM					9.817	38.350				6332.783	4379.375	AGM 5245+42 B.M. A099.41
Marker	VALV					2.367	2.433				4415.358	422.250	Valve 16 N.H.G. 5204+51 B.M. V98.55
Marker	VALV					2.458	2.325				422.225	6030.292	Valve B.V. # 1 S.H.G. 5200+09 B.M. V098.49
Marker	AGM					1.550	46.500				6031.067	5056.383	AGM 5139+81 B.M. A097.35
Marker	AGM					4.158	45.350				5098.725	7169 117	AGM 5088+87 B.M. A096.38 (INS)
Marker	AGM					20.975	26.792				7193.492	3860.600	AGM 5017+33 B.M. A095.03
Marker	AGM					32.392	18 842				3855.000	5009.800	AGM 4977+77 B.M. A094.28
Marker	AGM					42.792	3.325				4985.850	5663.283	AGM 4927+57 B.M. A093.33 (INS)
Marker	AGM					19.258	28.058				5647.350	5876.792	AGM 4870+90 B.M. A092.26
Marker	AGM					5.450	40.867				5899.400	6673.708	AGM 4811+47 B.M. A091.13
Marker	AGM					16.742	27.575				6697.833	7567.408	AGM 4744+71 B.M. A089.86 (INS)

EMPCO-ARKGOV006692

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)				11.300	35.683				7583.683	4591.925	AGM 4668+69 B.M. A088.43
Marker	AGM					7.000	38.633				4620.608	5912.475	AGM 4622+61 B.M. A087.55
Marker	AGM					32.225	14.333				5918.883	5867.625	AGM 4563+75 B.M. A086.44 (INS)
Marker	AGM					31.775	17.942				5850.183	6643 067	AGM 4504+18 B.M. A085.31
Mech	DENT		0.00	0.00	07:05	1.008	49.325	45.025	50.333	46.033	4759.400	1851.275	Dent BRC on Weld
Marker	AGM					46.225	3.358				6614.783	6462.808	AGM 4437+45 B.M A084.05
Marker	VALV					2.375	2.233				6463.792	11.333	Valve 82 4372+78 B.M. V082.82
Marker	VALV					2.508	2.250				11.058	7381.842	Valve B.V. # 1 S.H.G. 4372+65 B.M. V082.82
Marker	AGM					31.342	13.183				7352.750	5554.833	AGM 4298+79 B.M. A081.42
Marker	AGM					44.750	3.483				5523.267	8428.158	AGM 4243+00 B.M. A080.36
Marker	VALV					1.725	1.792				8429.917	11449.475	Valve B.V. # G25 4159+06 B.M. V078.77
Marker	AGM					24.642	15.075				11426.625	7013.308	AGM 4044+93 B.M. A076.61
Marker	AGM					20.908	18.892				7007.475	11850.408	AGM 3974+73 B.M. A075.28
Marker	AGM					14.808	25.000				11854.492	5609.425	AGM 3855+49 B.M. A073.02 (INS)
Marker	AGM					37.308	2.275				5597.117	2573.158	AGM 3799+38 B M. A071.96 (INS)
Marker	VALV					1.783	1.725				2573.650	3289.367	Valve B V. # G24 3773+25 B.M. V071.46
Marker	AGM					7.725	21.075				3283.367	4733.717	AGM 3740+29 B.M. A070.84
Marker	AGM					24.567	26.500				4730.225	5205.675	AGM 3693+39 B.M A069.95 (INS)
Marker	AGM					30.058	17.942				5202.117	4299.783	AGM 3640+54 B.M. A068.95
Marker	AGM					33.008	15.508				4284.717	7786.642	AGM 3597+39 B.M. A068.13
Marker	VALV					2.217	2.533				7799.933	5342.808	Valve B.V. # S.P. 3518+54 B.M. V066.64
Marker	AGM					15.825	33.467				5329.517	16524.183	AGM 3465+78 B M. A065.64
Marker	AGM					31.900	18.608				16525.750	11368.842	AGM 3300+28 B.M. A062.50
Marker	AGM					19.633	25.025				11367.817	8553.058	AGM 3186+22 B.M. A060.34
Marker	AGM					17.600	31.133				8560.483	3583.742	AGM 3100+44 B.M. A058.72
Marker	AGM					47.592	1.900				3567.283	5979.092	AGM 3064+38 B.M. A058.03 (INS)
Marker	VALV					2.358	2 317				5978.633	8371.625	Valve B.V. # G23 3004+49 B.M. V056.90
Marker	AGM					1.350	47.217				8372.592	3180.092	AGM 2920+74 B.M. A055.31
Marker	AGM					27.425	7.917				3199.883	7393.217	AGM 2888+60 B.M. A054.71
Marker	AGM					10.642	35.783				7390.492	5878.017	AGM 2814+50 B.M. A053.30 (INS)
Marker	AGM					16.942	28.325				5896.858	7801.625	AGM 2755+23 B.M. A052.18
Mech	DENT		2.00	13.40	06:45	11.967	39.658	49.608	51.625	50.942	7712.925	65.400	
Marker	AGM					14.458	23.992				7815.492	6010.900	AGM 2676+91 B.M. A050.70
Marker	AGM					38.267	11.908				5996.625	4758.167	AGM 2626+50 B.M. A049.55 (INS)
Marker	AGM					25.825	23.117				4744.250	5931.358	AGM 2569+39 B.M. A048.66
Marker	AGM					17.617	29.242				5936.858	3932.508	AGM 2509+30 B.M. A047.52
Marker	AGM					41.267	8.675				3920.483	6799.817	AGM 2469+68 B.M. A046.77 (INS)
Marker	AGM					5.950	45 433				6802.542	4062.283	AGM 2401+51 B.M. A045.48

EMPCO-ARKGOV006693

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	1508347.208				20.308	25.858				4087.408	8206.100	AGM 2360+50 B.M. A044.70
Marker	AGM	(b) (7)(F)				27.808	19.633				8204.150	6860.683	AGM 2278+28 B.M. A043.15 (INS)
Marker	AGM					13.117	35.142				6867.200	4062.775	AGM 2209+35 B.M. A041.84
Marker	VALV					2.325	2.267				4095.592	7229.425	Valve B.V. # G22 2168+38 B M. V041.06
Marker	AGM					40.250	8.583				7191.442	8065.717	AGM 2096+09 B.M. A039.69 (INS)
Marker	AGM					9 117	39.783				8065.183	5339.700	AGM 2015+40 B.M. A038.17
Marker	AGM					30.242	19.375				5349.242	8588.867	AGM 1961+67 B.M. A037.15
Marker	AGM					8.992	39.183				8599.250	7383.200	AGM 1875+70 B.M. A035.52 (INS)
Marker	AGM					11.142	38.508				7411.242	7997.742	AGM 1801+35 B.M. A034.11
Marker	AGM					0.558	47.350				8035.692	5098.133	AGM 1721+05 B.M. A032.59
Marker	AGM					38.233	5.575				5107.250	3814.600	AGM 1669+72 B M. A031.62 (INS)
Marker	AGM					17.175	28.267				3803.000	6375.883	AGM 1631+44 B.M. A030.89
Marker	AGM					20.642	19.158				6383.508	11586.733	AGM 1567+34 B.M. A029.68
Marker	VALV					2.317	2.433				11603.575	4942.308	Valve B.V. # G21 1451+49 B.M. V027.49
Marker	AGM					48.183	0.800				4896.558	8166 983	AGM 1402+01 B.M. A026.55
Marker	AGM					42.317	1.725				8125.467	8700.692	AGM 1320+02 B.M A025.00 (INS)
Marker	AGM					4.242	44.408				8698.175	3816.017	AGM 1234+70 B.M. A023.38 (INS)
Marker	AGM					5.458	43.050				3854.967	6454.450	AGM 1194+64 B.M. A022.62
Marker	VALV					2.542	2.167				6494.958	7347.383	Valve B.V. # G20 1129+50 B.M. V021.39
Marker	AGM					10.358	38.358				7339.192	4975.542	AGM 1056+00 B.M. A020.00
Marker	AGM					22.308	19.467				4991.592	6812.392	AGM 1003+58 B.M. A019.00
Marker	AGM					31.050	11.875				6800.808	4704.150	AGM 940+49 B.M. A017.81
Marker	AGM					22.058	26.358				4693.967	4408.733	AGM 897+60 B.M. A017.00
Marker	AGM					12.725	37.175				4422.367	5517.025	AGM 846+05 B.M. A016.02
Marker	VALV					2.358	2.133				5551.842	3005.450	Valve B.V. # G19 790+41 B.M. V014.96
Marker	AGM					12.900	33.150				2994.683	5633.000	AGM 760+08 B.M. A014.39
Marker	AGM					11.942	32.117				5654.208	6005.233	AGM 703+69 B.M. A013.32
Marker	AGM					1.417	48.992				6035.933	4263.417	AGM 643+31 B.M. A012.18
Marker	AGM					28.675	18.358				4283.733	7117 992	AGM 600+23 B.M. A011.36 (INS)
Marker	AGM					41.983	6.625				7094.367	7456.975	AGM 528+77 B.M. A010.01
Marker	AGM					26.283	21.833				7437.317	3257.308	AGM 454+12 B.M. A008.60
Marker	AGM					21.025	26.775				3258.117	3232.908	AGM 421+37 B.M. A007.98 (INS)
Marker	AGM					19.808	28.167				3239.875	7525.500	AGM 388+71 B.M. A007.36
Marker	AGM					0.092	46.558				7553.575	10015.567	AGM 312+44 B.M. A005 91
Marker	AGM					31.317	9.725				10030.808	5762.300	AGM 218+22 B.M. A004.13
Marker	AGM					15.700	28 267				5756.325	5308.667	AGM 154+72 B.M. A002.93 (INS)
Marker	AGM					1.992	41.000				5334.942	4237.733	AGM 101+26 B.M. A001.91
Marker	AGM					7.375	14.692				4271.358	5768.700	AGM 58+51 B.M. A001.10

EMPCO-ARKGOV006694

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data					Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)		(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	VALV	(b) (7)(F)				2.225	2.500				5781.167	22.083	Valve
Marker	TRAP					2.283	0 000				22.300	0.000	Valve Trap MOV B.V. # 23 0+39 B.M. V000.00

EMPCO-ARKGOV006695

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Marker	VALV	(b) (7)(F)					0 000	2.367				0.000	695.200	Valve Launch B.V. # 19 17437+78 B.M. V330.50
NCA	NCA			0.00	12:00	E	4.183	15.075	12.475	19.258	12.250	267.358	410.950	Metal In Close Proximity
Anomaly	MLOS		19	0.60	09.20	E	10.700	32.217	43.192	42.917	43.208	531.242	123.408	
Marker	VALV						2.575	2.217				694.992	2567.283	Valve B.V. # 1 S.H.G. 17430+15 B.M. V330.36
Cluster	MLOS		13	2.30	03:55	E	5.408	44.017	47.242	49.425	49.917	107.925	2412.150	
Anomaly	MLOS		16	0.50	04:10	E	9 300	40.125	47.242	49.425	49.917	107.925	2412.150	
Cluster	MLOS		28	3.10	11:20	E	24.933	24.492	47.242	49.425	49.917	107.925	2412.150	
Cluster	MLOS		26	2.60	12:10	E	25.175	24.250	47.242	49.425	49.917	107.925	2412.150	
Cluster	MLOS		22	3.20	11:25	E	25.725	23.700	47.242	49 425	49.917	107.925	2412.150	
Cluster	MLOS		18	10.40	12:00	E	26.142	23.283	47.242	49.425	49 917	107 925	2412.150	
Anomaly	MLOS		16	0.80	04:30	I	21.892	26.975	49.117	48.867	44.200	351.275	2169.358	
NCA	NCA			0 00	12:20	E	0 433	49.200	52.567	49.633	46.750	645.583	1874.283	Mill Anomaly
Anomaly	MLOS		20	0.80	03:15	I	27.283	21.867	49.900	49.150	48 350	1203.900	1316.450	
Anomaly	MLOS		15	1.00	07:30	I	14.425	36.183	50.067	50.608	44.125	1879.292	639.600	
Marker	AGM						12.342	38.092				2557.158	9564.675	AGM 17404+17 B.M. A329.86
Anomaly	MLOS		16	0.50	10:35	E	26.700	20.917	50.875	47.617	46.808	378.675	9176.475	
Anomaly	MLOS		24	1.80	06:00	E	17.200	33.442	50.125	50 642	46.983	1018.708	8533.417	
NCA	NCA			0.00	07:00	I	36.983	10.925	28.708	47.908	50.067	1298.592	8256.267	Mill Anomaly
Anomaly	MLOS		16	0.70	01:15	I	20.308	29.150	50.233	49.458	49.875	2217.842	7335.467	
Anomaly	MLOS		16	0.70	05:10	E	40.775	8.675	50.092	49.450	51.425	6476.442	3076.875	
NCA	NCA			0.00	06:50	E	29.425	19.750	47.775	49.175	51.158	6825.883	2727.708	Excess Metal
Cluster	MLOS		10	3.00	06:20	E	33.917	16.383	51.325	50.300	48.108	7178.317	2374.150	
Anomaly	MLOS		16	1.90	04:55	E	33.967	16.333	51.325	50.300	48.108	7178.317	2374.150	
Anomaly	MLOS		18	1.00	06:50	I	48.325	0.842	48.792	49.167	43.333	7519.917	2033.683	
Cluster	MLOS		16	3.10	05:00	E	15.733	34.108	49.300	49.842	51.042	7945.417	1607.508	
Cluster	MLOS		14	2.10	04:55	E	16.125	33.717	49.300	49.842	51.042	7945.417	1607.508	
NCA	NCA			0.00	11:00	E	5.050	39.650	36.633	44.700	50.233	8561.192	996.875	Metal In Close Proximity
NCA	NCA			0.00	11:55	E	10.892	39.017	47.917	49.908	26.133	8752.450	800.408	Metal In Close Proximity
Anomaly	MLOS		17	0.90	10:25	I	27.358	10.100	42.092	37.458	32.050	9113.525	451.783	
Anomaly	MLOS		16	0.90	11:50	I	37.208	0.250	42.092	37.458	32.050	9113.525	451.783	
Cluster	MLOS		24	0.90	11:10	I	38.442	10.892	30.675	49.333	51.508	9456.608	96.825	
Marker	AGM						45.317	4.150				9557.450	8828.442	AGM 17307+33 B.M. A328.03
Anomaly	MLOS		17	1.60	06:45	E	34.808	15.117	50 358	49.925	50.142	54.508	8728.158	

EMPCO-ARKGOV006697

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.30	06:30	I	46.892	3.033	47.892	49.925	45.792	3128.192	5654.475	
Anomaly	MLOS		16	0.30	06:30	I	48.358	1.567	47.892	49.925	45.792	3128.192	5654.475	
Anomaly	MLOS		16	0.80	08:35	E	9 950	39.383	50.733	49.333	47.733	3969.983	4813.275	
NCA	NCA			0.00	07:00	I	45 042	4.208	48.092	49.250	49.317	4453.825	4329 517	Mill Anomaly
Anomaly	MLOS		29	0.40	02.55	I	25 450	23.017	52.358	48.467	46.525	5811.783	2972 342	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.60	08.40	I	33 058	15 208	36.375	48.267	49.125	8142.683	641.642	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	09.55	I	8.833	41 017	50.008	49.850	45.142	8440.533	342.208	Mill Anomaly
NCA	NCA			0.00	02.25	I	3.050	45.900	45.142	48 950	52 017	8535.525	248.117	Mill Anomaly
Marker	AGM						49.942	0.350				8782.650	5298.617	AGM 17219+60 B.M. A326.37 (INS)
Anomaly	MLOS		34	1.00	01:00	I	20.075	29.958	45.558	50.033	49.667	1013.633	4235.300	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	12:00	E	4.808	45.375	48.425	50.183	48.900	1261.092	3987.692	Metal In Close Proximity
Cluster	MLOS		46	2.70	07:45	E	46.742	2.075	46.300	48.817	48.975	2119.533	3130.617	
Cluster	MLOS		37	1.90	06:20	E	46.750	2.067	46.300	48.817	48.975	2119.533	3130.617	
Cluster	MLOS		21	1.90	06:25	E	47.125	1.692	46.300	48.817	48.975	2119.533	3130.617	
Cluster	MLOS		14	1.10	08:00	E	47.225	1.592	46.300	48 817	48 975	2119.533	3130.617	
Anomaly	MLOS		34	0.90	06:05	E	47.808	1.008	46.300	48.817	48.975	2119.533	3130.617	
Cluster	MLOS		17	2.60	07:55	E	21.717	27.342	47.800	49.058	49.783	2657.975	2591.933	
Marker	AGM						11.425	38 367				5287.542	4009.808	AGM 17166+71 B.M. A325.37
NCA	NCA			0 00	10:25	I	7.992	41.600	49.133	49.592	50.283	1834.442	2164.142	Long Seam Anomaly
Anomaly	MLOS		17	0.50	04:50	E	14.692	30.042	32.508	44.733	49.558	2450.233	1553.208	
Anomaly	MLOS		15	0.50	08:20	I	18.325	25.417	50.775	43.742	49.250	3607.483	396.950	
Anomaly	MLOS		16	1.20	02:00	I	5 458	44.575	47.975	50.033	49.642	3801.267	196.875	
Marker	AGM						3.025	46.442				4045.150	9781.342	AGM 17126+00 B.M. A324.60
Anomaly	MLOS		15	1.10	05:15	E	46.683	4.325	45.100	51.008	49.508	1604.592	8172.183	
NCA	NCA			0.00	12:00	E	14 983	34.525	51.008	49.508	50.475	1655.600	8122.675	Metal In Close Proximity
Anomaly	MLOS		18	1.30	09:05	I	12.575	34.158	50 317	46.733	48.400	2005.600	7775.450	
NCA	NCA			0.00	10:50	E	9.417	36 583	44.392	46.000	52.258	2225.533	7556.250	Metal In Close Proximity
NCA	NCA			0.00	04:35	I	31 142	17.217	50.258	48.358	43.558	2564.358	7215 067	Mill Anomaly
Anomaly	MLOS		19	0.80	06:50	I	36.917	13.325	48.300	50.242	47.817	3953.250	5824.292	
Anomaly	MLOS		18	1.30	07:00	E	1.375	38 092	51 092	39.467	50.917	4790.817	4997.500	
Anomaly	MLOS		15	0.90	12:55	I	2.908	47 250	45.417	50.158	50.175	5174.567	4603.058	Poss Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		18	1 10	05:50	E	11.500	37.758	47.558	49.258	49.775	6197.233	3581.292	
Anomaly	MLOS		15	0.70	06:00	E	39 367	9.533	49.092	48.900	46.208	7082.542	2696 342	

EMPCO-ARKGOV006698

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.70	04:25	I	20.408	26.475	45.483	46.883	51.217	8760.300	1020.600	
Anomaly	MLOS		26	0 40	11:00	I	15.025	33.542	49.817	48.567	49.225	9054.108	725.108	
Anomaly	MLOS		20	0.60	08:25	E	17.733	32.033	49 258	49.767	46.550	9793.525	-15.508	
Anomaly	MLOS		20	0.90	06:40	E	20.875	28.892	49.258	49.767	46.550	9793.525	-15.508	
Marker	AGM						34.258	15.508				9793.525	5688.750	AGM 17027+61 B.M. A322.73 (INS)
Anomaly	MLOS		22	0.90	12:50	I	10.442	36.367	51 175	46.808	45.675	3987.558	1669.892	
Anomaly	MLOS		17	1.30	04:05	I	15.483	35.517	50.983	51.000	50.233	4425.083	1228.175	
Anomaly	MLOS		17	0.50	08:50	E	27.367	22 867	51.000	50.233	49.442	4476.083	1177.942	
NCA	NCA			0.00	05:55	E	29.317	16.267	49.600	45.583	44.883	4669.808	988.867	Metal In Close Proximity
Marker	AGM						11.625	37.758				5692.633	10007.533	AGM 16970+26 B.M. A321.65
Anomaly	MLOS		19	0.60	04:30	E	33.375	16 633	50.133	50.008	50.183	721.183	9274.100	
Anomaly	MLOS		27	1.20	08:50	E	45.025	5.158	50.008	50.183	43.867	771.192	9223.917	
Anomaly	MLOS		24	1.00	12:40	I	12.542	38.425	29.408	50.967	49.617	2319.792	7674.533	
Anomaly	MLOS		21	1 90	07:05	E	37.117	12.500	50.967	49.617	45 717	2370.758	7624.917	
Anomaly	MLOS		18	0.60	04:40	I	24.592	25.242	36.100	49.833	49.183	2705.717	7289.742	
Anomaly	MLOS		18	0.60	10:00	I	34.908	2.158	45.550	37.067	33.892	3356.708	6651.517	
NCA	NCA			0.00	08:40	E	4.508	43.450	50.350	47.958	49.908	3820.808	6176.525	Metal In Close Proximity
Anomaly	MLOS		15	0.80	04:45	E	15.283	26.842	50.650	42.125	50.025	6165.092	3838.075	
Anomaly	MLOS		15	1.10	05:30	E	17.133	24.992	50.650	42 125	50.025	6165.092	3838.075	
Cluster	MLOS		26	2.50	03:30	E	38.283	11.317	49.692	49.600	50.742	6604.592	3391.100	
NCA	NCA			0.00	02:20	E	42.275	7.342	49.975	49.617	48.867	7390.467	2605.208	Metal In Close Proximity
Anomaly	MLOS		17	0.90	07:40	E	35.600	15.550	50.133	51.150	50.525	7687.858	2306.283	
Anomaly	MLOS		20	1.10	11:25	E	33.150	15.642	48.050	48.792	49.792	8181.658	1814.842	
Anomaly	MLOS		19	0.60	05:40	E	28.808	20.042	41.442	48.850	48.275	8517.900	1478.542	
Anomaly	MLOS		18	0.90	06:20	E	47.917	0.933	41.442	48.850	48.275	8517.900	1478.542	
Anomaly	MLOS		15	1.00	06:35	E	10.342	37.933	48.850	48 275	47.700	8566.750	1430.267	
Anomaly	MLOS		15	0.80	06:20	E	11.125	37.150	48 850	48.275	47.700	8566.750	1430.267	
Cluster	MLOS		17	0.70	05:30	E	12.258	36.017	48 850	48.275	47.700	8566.750	1430.267	
Anomaly	MLOS		17	0.60	06:40	E	13.092	35.183	48 850	48.275	47.700	8566.750	1430.267	
Anomaly	MLOS		16	0.90	05:40	E	13.725	34.550	48 850	48.275	47.700	8566.750	1430.267	
Anomaly	MLOS		19	0.80	05:30	E	35.433	13.583	47.700	49.017	49.508	8662.725	1333.550	
NCA	NCA			0.00	12:00	I	46.883	3.550	48.100	50.433	49.425	9035.167	959.692	Long Seam Anomaly
Anomaly	MLOS		15	0.40	03:50	I	19.392	21.142	45.892	40.533	51.008	9220.108	784.650	

EMPCO-ARKGOV006699

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	29	0.70	04.15	E	2.517	41 342	49.967	43 858	47.958	9410.108	591.325	
Anomaly	MLOS		35	1.00	04.15	E	2.675	41.183	49.967	43.858	47.958	9410.108	591.325	
Marker	AGM						23.250	22.642				10022.042	8113.142	AGM 16869+90 B.M. A319.75
Anomaly	MLOS		21	1.00	08.25	E	18.775	19.358	45.892	38.133	43.700	22.642	8075.008	
Anomaly	MLOS		22	1.30	07.40	E	5 517	46.533	46.250	52.050	34.408	374.733	7709.000	
Anomaly	MLOS		15	0.50	07:45	E	20 725	29.117	48.033	49.842	47.525	832.667	7253.275	
NCA	NCA			0.00	09:00	E	5 875	42.750	46.883	48.625	19 875	2437.542	5649.617	Metal In Close Proximity
Cluster	MLOS		20	0.70	08:15	E	38.558	12.475	48.392	51.033	47.617	3057.192	5027.558	
Cluster	MLOS		22	1.50	02:00	I	0.325	35.625	50.300	35.950	50.567	4038.750	4061.083	
Anomaly	MLOS		16	0.50	12:50	I	42.292	7.283	48.100	49.575	51.175	4645.217	3440.992	
NCA	NCA			0.00	10:45	I	43.108	7.467	49.783	50.575	49.275	5180.383	2904.825	Long Seam Anomaly
Cluster	MLOS		21	1 10	07:40	I	18.000	31.633	48.642	49.633	50.267	5328.875	2757.275	
Anomaly	MLOS		29	0 30	07:45	I	28.525	21.108	48.642	49.633	50.267	5328.875	2757.275	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	1 70	04:55	I	29 375	20.258	48.642	49.633	50.267	5328.875	2757.275	
Anomaly	MLOS		19	1.50	05:00	I	29.675	19.958	48.642	49.633	50.267	5328.875	2757.275	
Anomaly	MLOS		17	0.80	04:55	E	39.017	10.142	49.258	49.158	47.392	6681.217	1405.408	
Anomaly	MLOS		16	0.60	06:15	E	43.550	6.717	47.392	50.267	35.000	6777.767	1307.750	
Anomaly	MLOS		16	0.70	03:10	E	22.333	25.700	51 517	48.033	46.008	6914.550	1173.200	
Cluster	MLOS		17	1.10	07:00	E	5.917	43.317	41 508	49.233	49.242	7350.708	735.842	
Anomaly	MLOS		16	1.10	06:10	I	41.325	9.158	49.058	50.483	51.183	7648.342	436.958	
Marker	AGM						10.467	38.642				8125.317	6750.167	AGM 16788+78 B.M. A318.31 (INS)
Anomaly	MLOS		18	0.40	02:30	I	11.992	36.708	51.000	48.700	48 650	188.958	6551 150	
NCA	NCA			0 00	06:20	I	8.367	41.950	49.450	50.317	50.400	335.758	6402.733	Mill Anomaly
Anomaly	MLOS		19	0.70	03:45	E	43.525	0.725	49.267	44.250	48.292	931.842	5812.717	
NCA	NCA			0.00	01:15	I	24.350	24.825	50.383	49.175	49.867	1521.800	5217.833	Long Seam Anomaly
Anomaly	MLOS		16	0.90	11:25	E	51.675	0.125	50.158	51.800	51.633	2192.358	4544.650	
Anomaly	MLOS		15	0.50	02:25	I	9.767	36.908	50.167	46.675	51.042	2345.958	4396.175	
Anomaly	MLOS		22	1.20	03:45	I	24.883	21 792	50.167	46 675	51.042	2345.958	4396.175	
NCA	NCA			0.00	04:55	I	0.392	50.092	48.308	50.483	49.858	3015.292	3723.033	Mill Anomaly
Anomaly	MLOS		16	0.50	03:45	E	3.542	46.058	51.042	49.600	50 450	5656.158	1083.050	
NCA	NCA			0.00	02:25	E	3.908	44.800	50.450	48.708	50 008	5756.208	983.892	Metal In Close Proximity
NCA	NCA			0.00	12:00	E	5.042	43.667	50.450	48 708	50.008	5756.208	983.892	Metal In Close Proximity
Anomaly	MLOS		17	2.00	06:20	E	23.817	14.042	50.967	37.858	48.100	6243.300	507.650	

EMPCO-ARKGOV006700

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)					0.775	48.083				6788.033	5318.108	AGM 16720+55 B.M. A316.92
NCA	NCA			0 00	11:55	E	22.817	27.150	47.517	49.967	45.950	355.883	4960.342	Metal In Close Proximity
Anomaly	MLOS		15	0.90	07:40	E	38.758	7.192	49.967	45.950	50.333	405.850	4914.392	
Cluster	MLOS		16	0.90	08:00	E	30.367	17.350	50.483	47.717	49.717	1080.100	4238.375	
Anomaly	MLOS		16	0.50	10:35	I	48.650	1.867	49.183	50.517	48.067	1226.717	4088.958	
Anomaly	MLOS		18	0.70	03:05	E	13.825	33.325	44.908	47.150	48.942	2120.683	3198.358	
NCA	NCA			0.00	11:20	I	35.708	14.117	48.458	49.825	50.508	3661.083	1655.283	Mill Anomaly
Anomaly	MLOS		24	0.90	07:30	E	33.775	16 450	50.950	50.225	45.708	4799.767	516.200	
Anomaly	MLOS		15	1.10	07:45	E	34.425	15 800	50.950	50.225	45.708	4799.767	516.200	
NCA	NCA			0 00	12:55	E	23.000	19.300	51.633	42.300	49.567	5340.633	-16.742	Metal In Close Proximity
Marker	AGM						25.558	16.742				5340.633	5770.442	AGM 16666+53 B.M. A315.89
Cluster	MLOS		17	2.80	07:40	E	6.400	42 858	49.158	49.258	48.642	310.692	5427.233	
Anomaly	MLOS		15	0 70	06:45	E	0.208	48.542	51.075	48.750	42.825	703.083	5035.350	
NCA	NCA			0.00	05:45	E	21.367	25.817	48.683	47.183	49.167	888.650	4851.350	Metal In Close Proximity
Anomaly	MLOS		17	0.40	09:45	I	7.683	39.975	49.167	47.658	51.250	985.000	4754.525	
Anomaly	MLOS		17	0.80	11:05	I	20.608	27.000	47.742	47.608	44.950	1224.008	4515.567	
NCA	NCA			0.00	10:55	I	24 517	23.092	47.742	47.608	44 950	1224.008	4515.567	Mill Anomaly
NCA	NCA			0.00	11:00	I	32 833	14.775	47.742	47 608	44.950	1224.008	4515.567	Mill Anomaly
Anomaly	MLOS		19	1.30	05:50	E	33.450	15.483	46.350	48 933	49.017	1744.692	3993.558	
Cluster	MLOS		22	1.70	05:40	E	33.742	15.192	46.350	48.933	49.017	1744.692	3993.558	
Anomaly	MLOS		22	1.00	06:15	E	42.017	6.917	46 350	48 933	49.017	1744.692	3993.558	
Cluster	MLOS		21	2.70	06:20	E	46.442	2.492	46.350	48.933	49.017	1744.692	3993.558	
Cluster	MLOS		27	3.00	06:10	E	2.733	48.292	43.333	51.025	48.458	2017.825	3718.333	
Cluster	MLOS		21	2.80	04:35	E	17.942	33 083	43.333	51.025	48.458	2017.825	3718.333	
Anomaly	MLOS		15	0.70	11:25	I	29.733	21.992	50.100	51.725	49.858	3335.492	2399.967	
Anomaly	MLOS		15	1.10	07:20	E	26.792	23.133	52.283	49.925	49 325	3945.808	1791.450	
Anomaly	MLOS		17	1.00	04:10	E	31.075	18.250	49.925	49 325	50.233	3995.733	1742.125	
Anomaly	MLOS		21	0.80	03:25	E	15.142	33.858	9.942	49.000	49.700	4105.233	1632.950	
Cluster	MLOS		18	2 50	03:45	E	15.442	33.558	9.942	49 000	49.700	4105.233	1632.950	
Cluster	MLOS		21	1.80	02:50	E	18.675	30.325	9.942	49.000	49.700	4105.233	1632.950	
Cluster	MLOS		21	4.10	08:00	E	48.942	2.825	50.800	51 767	49.867	5583.958	151.458	
Marker	AGM						11.992	38.292				5775.192	2989.558	AGM 16608+65 B. M. A314.80 (INS)
Cluster	MLOS		24	2.20	07:50	E	22.642	0.633	48.742	23.275	11.658	2310.758	693.817	

EMPCO-ARKGOV006701

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	09:15	E	15.492	35.033	49.958	50.525	49.367	2925.650	51.675	Metal In Close Proximity
Anomaly	MLOS		15	0.70	04:40	E	20.583	28 783	50.525	49 367	42.525	2976.175	2.308	
Marker	AGM						2.308	40 217				3025.542	7051.225	AGM 16578+31 B.M. A314.22
Anomaly	MLOS		17	0.60	11:55	I	9.208	42.425	50.575	51.633	44.558	429.658	6610.150	
Anomaly	MLOS		25	0.60	11:50	I	4.092	46.175	34.383	50.267	47.525	1147.075	5894.100	
Anomaly	MLOS		15	0 80	04.30	E	30.983	15.467	49.883	46.450	48.825	1344.992	5700.000	
Anomaly	MLOS		29	0 80	03.20	E	28.167	21.083	45.825	49.250	52.125	2335.525	4706.667	
Anomaly	MLOS		23	1.00	08:15	E	32 458	16.792	45.825	49.250	52.125	2335.525	4706.667	
Anomaly	MLOS		19	0.80	07:20	I	37.125	12.125	45.825	49.250	52.125	2335.525	4706.667	
Anomaly	MLOS		18	0.60	06:10	E	40.858	8.392	45.825	49.250	52.125	2335.525	4706.667	
Cluster	MLOS		20	1.10	07:55	E	48.275	0.975	45.825	49.250	52.125	2335.525	4706.667	
Anomaly	MLOS		17	0.80	07:25	E	2.425	49.700	49.250	52.125	50.267	2384.775	4654 542	
Cluster	MLOS		23	3.30	06:35	E	51.258	0.867	49 250	52.125	50 267	2384.775	4654 542	
Cluster	MLOS		23	2.80	06:35	E	51.858	0.267	49.250	52.125	50.267	2384.775	4654.542	
Anomaly	MLOS		15	1.00	05:35	E	0.417	49.850	52.125	50.267	44.183	2436.900	4604 275	
Anomaly	MLOS		19	0 70	06:15	E	0.517	49 750	52.125	50 267	44.183	2436.900	4604.275	
Anomaly	MLOS		21	0 70	05:55	E	1.500	48.767	52.125	50.267	44.183	2436.900	4604.275	
Cluster	MLOS		15	1.30	05:40	E	2.025	48.242	52.125	50.267	44.183	2436.900	4604.275	
Cluster	MLOS		16	0.80	08:55	E	10.425	39.842	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		17	0.70	07:25	E	10.967	39.300	52 125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		19	0.90	07:00	E	11.992	38.275	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		19	0.60	07:15	E	15.433	34.833	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		25	0.90	07:10	E	16.200	34.067	52.125	50.267	44.183	2436.900	4604.275	
Cluster	MLOS		18	1.40	07:20	E	16.508	33.758	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		16	0.50	07:20	E	16.667	33.600	52.125	50.267	44 183	2436.900	4604 275	
Cluster	MLOS		19	3.90	08:00	E	17.383	32.883	52.125	50 267	44.183	2436.900	4604.275	
Anomaly	MLOS		20	1.10	08:00	E	17.767	32.500	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		19	1.10	07:45	E	18.067	32.200	52.125	50.267	44.183	2436.900	4604.275	
Cluster	MLOS		23	0.90	04:30	E	37.600	12.667	52.125	50.267	44.183	2436.900	4604.275	
Anomaly	MLOS		19	0 40	03:20	E	0.300	43 883	50.267	44 183	48.358	2487.167	4560.092	
Anomaly	MLOS		17	0 70	04:40	E	43.058	6.950	48.392	50 008	50.267	3549.142	3492.292	
Anomaly	MLOS		21	0.70	01:45	I	21.708	29.642	46.067	51.350	50.383	3982.525	3057.567	
Anomaly	MLOS		18	0.40	05:10	I	46.408	0.508	49.450	46.917	46.333	4857.592	2186.933	

EMPCO-ARKGOV006702

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	15	1.10	04:40	I	25.433	15 650	50.917	41.083	48 133	5436.767	1613.592	
NCA	NCA			0.00	09:45	I	31.883	16.250	41.083	48.133	48.175	5477.850	1565.458	Long Seam Anomaly
NCA	NCA			0.00	09:45	I	32.208	15.925	41.083	48.133	48.175	5477.850	1565.458	Long Seam Anomaly
Anomaly	MLOS		18	0.80	06:40	E	38.458	9.817	51.058	48.275	42 975	5917.108	1126.058	
NCA	NCA			0.00	11:25	I	7.217	37.025	42.975	44.242	47.333	6008.358	1038.842	Mill Anomaly
Anomaly	MLOS		15	1.00	04:00	E	48.442	2.267	47 333	50.708	47.408	6099.933	940.800	
Anomaly	MLOS		18	1.10	08.55	I	15.333	33.175	49.292	48.508	48.267	6247.342	795.592	
Anomaly	MLOS		17	0.60	08:30	I	40.883	7.625	49.292	48.508	48 267	6247.342	795.592	
Anomaly	MLOS		16	0.40	04:35	I	34.867	10.442	51.483	45.308	50.450	6630.450	415.683	
Marker	VALV						2.425	2.242				7089.017	5.483	Valve 16507+53
Marker	VALV						2.692	2.275				5.033	8980 992	Valve B.V.# 4G38 16507+45 B.M. V312.88
Anomaly	MLOS		31	0.50	07:50	I	41.917	6.417	49 333	48.333	48.733	1917.592	7017.342	
Anomaly	MLOS		18	0.60	08:30	E	2 608	45.542	50 050	48.150	10.967	3068.725	5866.392	
Anomaly	MLOS		19	1.10	06:35	E	11.742	36.408	50.050	48.150	10.967	3068.725	5866 392	
Anomaly	MLOS		16	0.70	03:25	I	4.300	37.000	40.142	41.300	43.767	3782.508	5159 458	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0.50	03:50	I	4.717	36.583	40.142	41 300	43.767	3782.508	5159.458	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	02:05	E	31.967	8.200	44.058	40.167	42.892	4448.833	4494.267	Mill Anomaly
Anomaly	MLOS		28	0.60	06:35	I	31.233	11.592	42.808	42.825	36.350	6283.008	2657.433	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	10:40	I	37.683	4.408	42.442	42.092	41.533	7918.333	1022.842	Mill Anomaly (Lamination)
NCA	NCA			0.00	10:00	I	37.975	4.117	42.442	42.092	41.533	7918.333	1022.842	Mill Anomaly
Anomaly	MLOS		35	0.80	10:00	I	38.025	4.067	42.442	42.092	41.533	7918.333	1022.842	Possible Non-Corrosion Anomaly
Anomaly	MLOS		30	0.50	08:15	I	4.050	32.250	38.133	36.300	41.800	8080.300	866.667	Possible Non-Corrosion Anomaly
Marker	VALV						2.333	3.308				8980.933	1527.017	Valve B.V. # 1G37 16417+50 B.M. V311.18
Anomaly	MLOS		25	1.40	05:30	E	18.050	25.792	44.633	43.842	46.008	212.917	1273.567	
Anomaly	MLOS		26	0.50	06:40	I	38.683	5.158	44.633	43.842	46.008	212.917	1273.567	
Cluster	MLOS		17	0.90	05:10	I	35.558	8.858	45.658	44.417	44.733	528.958	956.950	
Anomaly	MLOS		23	0.80	10:50	E	3.600	42.450	46.692	46.050	47.792	1099.450	384.825	
Marker	VALV						2.267	2.225				1528.058	8842.550	Valve B.V. # G39 16402+22 B.M. V310.89
Anomaly	MLOS		17	0.50	05:35	E	32.858	13.708	46.992	46.567	34.950	656.783	8141.425	
Cluster	MLOS		18	1.40	06:20	E	35.100	11.467	46.992	46.567	34.950	656.783	8141.425	
Anomaly	MLOS		16	0.80	06:20	E	35.467	11.100	46.992	46.567	34.950	656.783	8141.425	
Anomaly	MLOS		15	0.90	05:30	E	36.708	9.858	46.992	46.567	34.950	656.783	8141.425	
Anomaly	MLOS		22	0.70	05:40	E	41.092	5.475	46.992	46.567	34.950	656.783	8141.425	

EMPCO-ARKGOV006703

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	16	1.70	06:30	E	25.508	6.100	34.950	31 608	46.192	738.300	8074.867	
Anomaly	MLOS		22	0.70	05:50	E	24.383	21.300	46.192	45.683	41.192	816.100	7982 992	
Anomaly	MLOS		17	0.40	05:30	E	37.917	3.275	45.683	41.192	14.467	861.783	7941 800	
Anomaly	MLOS		15	0.90	05:35	E	4.150	10.317	41.192	14 467	45.233	902.975	7927 333	
Anomaly	MLOS		27	1.40	06:15	E	7.450	7.017	41.192	14.467	45.233	902.975	7927.333	
Anomaly	MLOS		18	0.60	06:10	E	0.642	44.883	47.158	45.525	51.192	1009.833	7789.417	
Anomaly	MLOS		15	0.40	08:10	E	2.200	43.325	47.158	45.525	51.192	1009.833	7789 417	
Anomaly	MLOS		17	0.50	07:45	E	12.392	33.133	47.158	45.525	51.192	1009.833	7789 417	
Anomaly	MLOS		15	1.40	12:35	I	17.658	29 075	45.467	46.733	44.667	1195.283	7602 758	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	0.50	11:40	I	42.925	6.050	48.467	48.975	48.492	1666.200	7129 600	
Anomaly	MLOS		16	0.90	07:25	E	44.242	5.200	49.450	49.442	50.125	2289.900	6505 433	
Anomaly	MLOS		27	1.30	05:35	E	44.758	4.683	49.450	49.442	50.125	2289.900	6505.433	
Anomaly	MLOS		17	1.10	05:35	E	24.475	25.650	49.442	50.125	48.592	2339.342	6455.308	
Anomaly	MLOS		15	1.00	06:10	E	29.267	20.858	49.442	50.125	48.592	2339.342	6455.308	
Cluster	MLOS		18	1 60	06:40	E	31.367	18.758	49.442	50.125	48.592	2339.342	6455.308	
Anomaly	MLOS		16	2.00	05:50	E	34.975	15.150	49.442	50.125	48.592	2339.342	6455.308	
Anomaly	MLOS		17	0.90	06:50	E	38.417	11.708	49.442	50.125	48.592	2339.342	6455.308	
Cluster	MLOS		18	4.30	05:50	E	37.517	10.642	47.842	48.158	49.042	5158.333	3638.283	
Cluster	MLOS		23	0.80	08:55	E	39.025	11.367	49.292	50.392	48.992	7062.558	1731.825	
Cluster	MLOS		19	2.20	01:50	I	11.617	38.225	48.542	49.842	40.383	7299.025	1495.908	
NCA	NCA			0.00	11:50	I	1.717	47.217	45.992	48.933	45.017	8697.250	98.592	Mill Anomaly
Anomaly	MLOS		34	1.40	03:30	I	35.192	9.800	45.017	44.992	49.075	8791.200	8 583	
Marker	AGM						8.583	40.492				8836.192	8687.858	AGM 16313+63 B.M. A309.21
Anomaly	MLOS		15	0.40	10:50	I	2.508	42.792	44 658	45.300	50.133	393.258	8289.792	
Anomaly	MLOS		29	0.70	12:00	I	18.050	31.850	48 658	49.900	45.625	537.350	8141.100	
Anomaly	MLOS		20	0.80	01:25	E	20.533	24.192	45.625	44.725	50.125	632.875	8050.750	
Cluster	MLOS		17	1.60	11:40	I	28.258	17 583	14.167	45.842	44.208	1019.742	7662.767	
Anomaly	MLOS		24	1.20	04:25	E	19.083	27 808	48.908	46.892	44.908	1651.667	7029.792	Poss. Mill/Mechanical/Thinwall or Lamination
Cluster	MLOS		15	1 80	06:25	E	15.675	33.033	37.258	48 708	51.592	2959.008	5720.633	
Cluster	MLOS		18	4 30	06:10	E	23.058	25.650	37.258	48.708	51.592	2959.008	5720.633	
Cluster	MLOS		20	2.70	06:15	E	24.500	24.208	37.258	48.708	51.592	2959.008	5720.633	
Cluster	MLOS		17	2.30	05:45	E	28.425	20 283	37.258	48.708	51.592	2959.008	5720.633	
Anomaly	MLOS		29	0.90	12:35	E	0.908	42 475	45.625	43.383	39.650	3843.017	4841.950	

EMPCO-ARKGOV006704

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.30	09:00	I	44.675	5.658	45.642	50.333	45.567	5172.692	3505.325	
Anomaly	MLOS		20	1.00	07:25	E	12.308	30.233	46.867	42.542	49.142	6314.725	2371.083	
Anomaly	MLOS		17	1.30	06:40	E	14.833	27.708	46.867	42 542	49.142	6314.725	2371.083	
Anomaly	MLOS		17	0.50	03:50	I	26.917	17.050	43.975	43.967	48.042	7700.267	984.117	
Anomaly	MLOS		24	0.90	07:35	E	46.208	2.042	38.583	48.250	44.900	8439.367	240.733	
NCA	NCA			0.00	10:30	E	1.400	49.708	37.258	51.108	48.950	8628.175	49.067	Metal In Close Proximity
Marker	AGM						0.117	17.433				8728.233	7095.567	AGM 16228+42 B.M. A307.56
Anomaly	MLOS		18	0.90	01:00	E	9.500	40.517	33.575	50.017	49.308	2790.125	4272 858	
NCA	NCA			0.00	01:30	I	24.225	12 783	49.183	37.008	47.350	3718.633	3357.358	Mill Anomaly
Anomaly	MLOS		18	1.80	04:15	E	5.558	44.342	48.992	49.900	49 717	4559.967	2503.133	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		23	0 40	04:10	I	38.075	8.400	49.642	46.475	50.192	6717.567	348.958	
Marker	AGM						47.908	0.433				7065.092	5305.333	AGM 16156+80 B.M. A306.20
NCA	NCA			0.00	11:05	E	24.817	25 608	49.750	50.425	50.375	442.050	4813.292	Metal In Close Proximity
Anomaly	MLOS		22	0.80	09:20	I	0.900	50.033	51.242	50.933	50.533	1919.458	3335.375	
NCA	NCA			0.00	12:30	I	36.642	12.708	51.475	49.350	51.617	3117.325	2139.092	Mill Anomaly
Anomaly	MLOS		15	1.30	09:10	E	31.350	15.467	50.700	46.817	50.250	3859.700	1399.250	
Anomaly	MLOS		15	1.00	06:10	E	7.275	43.675	48.842	50.950	49.442	4880.792	374.025	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						17.483	32.050				5288.283	5236.708	AGM 16104+00 B.M. A305.20
Anomaly	MLOS		28	2.00	07:10	E	31.683	18.617	48.450	50.300	50 308	327.383	4891.075	Poss. Mill/Mechanical/Thinwall or Lamination
Cluster	MLOS		15	2 70	12:20	E	3.750	44.450	47.617	48.200	49 608	2722.275	2498.283	
Anomaly	MLOS		22	1.90	06:15	E	12.800	35.175	46.800	47.975	50 192	3354.925	1865.858	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		37	1.70	05:15	E	0 925	47.317	50.192	48.242	50 717	3453.092	1767.425	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						7 483	35.608				5261.275	5231.217	AGM 16051+20 B.M. A304.20
Anomaly	MLOS		16	1.30	08:10	E	42.558	6.642	50.200	49.200	43.933	518.875	4698.750	
Anomaly	MLOS		22	1.70	05:15	E	22.642	19.642	31.075	42 283	51.300	2356.650	2867.892	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		19	1.00	01:55	E	6.500	29.908	46.425	36.408	42.583	2589.000	2641.417	
NCA	NCA			0.00	04:10	I	33.492	7.883	44.050	41.375	49.367	2962.183	2263.267	Mill Anomaly
Anomaly	MLOS		35	0.80	03:20	I	21.400	28.758	45.783	50.158	50 825	4249.308	967.358	
Marker	AGM						20.542	29.900				5246.283	5235.167	AGM 15998+40 B.M. A303.20
Anomaly	MLOS		18	0.70	06:30	E	3.117	45.717	46.225	48 833	50 225	908.800	4307.433	
Anomaly	MLOS		19	0.40	03:50	I	43.317	1.708	51 000	45 025	43.875	2881.817	2338.225	
Marker	AGM						47.292	1.492				5217.775	5281.283	AGM 15945+61 B.M. A302.20
Marker	AGM						6.233	11.250				5276.542	8382.208	AGM 15892+62 B.M. A301.20 (INS)

EMPCO-ARKGOV006705

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.60	09:35	E	18.033	31.958	50 175	49.992	49.492	847.508	7495 958	
Anomaly	MLOS		18	0.40	04:20	I	49.283	0.708	50.175	49.992	49.492	847.508	7495.958	
Anomaly	MLOS		25	1.40	12:20	E	22.967	27.058	48.825	50.025	48.942	1522.550	6820.883	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	2.00	06:10	E	8.450	25.375	51 258	33.825	50.975	4213.108	4146.525	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		19	0.50	05:55	E	0.358	35 308	43.400	35 667	51.250	4685.700	3672.092	
Anomaly	MLOS		23	0.80	01:45	E	21.308	28 700	51.725	50 008	49.442	5173.517	3169.933	
NCA	NCA			0.00	11.10	E	50.317	1.292	49.442	51.608	51.542	5272.967	3068.883	Metal In Close Proximity
Anomaly	MLOS		19	0.40	12:10	E	7.617	34 417	39.142	42.033	50.742	6447.842	1903.583	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	01:20	I	39.583	11.442	50.217	51.025	50.825	6881.217	1461.217	Mill Anomaly
Marker	VALV						2.283	2.325				8391.175	10.775	Valve 15808+37
Marker	VALV						2.200	2.208				10.900	9561.375	Valve S.W. B.V. 15808+24 B.M. V299.60
Anomaly	MLOS		19	2.10	05:55	E	30.608	17.625	44.525	48 233	31.308	712.667	8802.683	
Anomaly	MLOS		19	1.70	06:30	E	35.367	12 867	44.525	48 233	31.308	712.667	8802.683	
Cluster	MLOS		16	2.10	05:45	E	15.683	15.625	48 233	31.308	47.675	760.900	8771.375	
Anomaly	MLOS		16	0.80	05:40	E	18.142	13.167	48.233	31.308	47.675	760.900	8771 375	
Cluster	MLOS		22	2.60	05:20	E	20.175	11.133	48.233	31.308	47.675	760.900	8771.375	
NCA	NCA			0.00	12:00	E	18.167	26.408	48.517	44.575	39.117	1170.775	8348.233	Metal In Close Proximity
NCA	NCA			0.00	11:55	E	16.642	36.125	48 308	52.767	24.508	1398.392	8112.425	Metal In Close Proximity
Anomaly	MLOS		17	1.00	06:10	E	21.233	26.492	45.142	47 725	48.092	2063.000	7452.858	
Anomaly	MLOS		16	1.10	04:40	E	46.375	1.892	50.308	48.267	48.708	2258.458	7256.858	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.80	06:25	E	6.817	40.417	47.500	47.233	9.842	2681.658	6834.692	
NCA	NCA			0.00	12:40	E	7.608	31 867	9.842	39.475	47.708	2738.733	6785.375	Metal In Close Proximity
NCA	NCA			0.00	11:50	U	36.658	8.592	49.217	45.250	45.892	3261.208	6257.125	Sensor Noise
Anomaly	MLOS		16	1.20	04:20	E	8.658	17.125	45.283	25.783	49.208	4074.225	5463.575	
Anomaly	MLOS		19	1.20	05:50	E	25.967	20.475	48.200	46.442	45.983	6214.442	3302.700	
Anomaly	MLOS		16	1.00	05:40	E	26.692	19.750	48.200	46.442	45.983	6214.442	3302.700	
Cluster	MLOS		15	2.40	05:20	E	15.358	27.917	45.742	43.275	49.675	6767.958	2752 350	
Cluster	MLOS		20	1.20	05:30	E	24 350	18.925	45 742	43.275	49.675	6767.958	2752.350	
Cluster	MLOS		16	0 80	05:45	E	24.900	18.375	45.742	43.275	49.675	6767.958	2752.350	
Anomaly	MLOS		17	0.70	06:25	E	33.342	9.933	45.742	43.275	49 675	6767.958	2752.350	
Anomaly	MLOS		17	0.90	05:25	E	34.758	8.517	45.742	43.275	49.675	6767.958	2752.350	
Anomaly	MLOS		15	0.50	05:20	E	3.967	45 708	43.275	49.675	46.908	6811.233	2702.675	
Anomaly	MLOS		21	0.60	07:30	E	7.117	39 708	49.458	46.825	42.367	7075.650	2441.108	

EMPCO-ARKGOV006706

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.90	08:30	I	37.642	8.808	42.867	46 450	46.375	7527.892	1989.242	
Anomaly	MLOS		15	0.70	07.20	E	25.442	21.500	45.167	46.942	50.317	8716.292	800.350	
Marker	AGM						10.067	39 200				9553.517	3736.325	AGM 15712+54 B.M. A297.79
Anomaly	MLOS		28	0.90	04:50	I	30.275	16.642	46.442	46.917	32.375	185.750	3542.858	
Anomaly	MLOS		23	0.70	12:00	I	33.967	17.367	46.200	51.333	46.650	949.517	2774.675	
Anomaly	MLOS		15	0.70	04:05	E	20.675	25.633	44.117	46.308	44.383	2719.600	1009.617	
Anomaly	MLOS		15	0 80	04:00	E	21 417	24.892	44.117	46.308	44.383	2719.600	1009.617	
Anomaly	MLOS		20	0.70	04:30	E	42.767	3.542	44.117	46.308	44.383	2719.600	1009.617	
Anomaly	MLOS		17	0.50	04:15	E	1.108	43.275	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		19	0.60	04:45	E	8.158	36.225	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		15	1.00	05:10	E	8.383	36.000	46.308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		19	2.00	04:50	E	8.692	35.692	46.308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		16	1.00	05:10	E	9.267	35.117	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		15	0.80	07:50	E	9.333	35.050	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		21	0.60	08:00	E	11.142	33.242	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		17	1.10	07:45	E	11.408	32.975	46.308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		27	4.10	07:40	E	11 750	32.633	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		19	0.70	06:35	E	12.092	32.292	46.308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		31	1.00	07:45	E	12.917	31.467	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		19	0.70	07:40	E	13.192	31.192	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		20	0.80	07:20	E	13.550	30.833	46.308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		27	1.60	07:25	E	14.092	30.292	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		22	0.80	07:25	E	15.075	29.308	46.308	44.383	42.775	2765.908	965.233	
Anomaly	MLOS		16	0.90	08:00	E	16.417	27.967	46 308	44.383	42.775	2765.908	965.233	
Cluster	MLOS		17	2.50	03:45	E	2.050	40.725	44.383	42.775	43.383	2810.292	922.458	
Cluster	MLOS		28	2.40	03:45	E	2.525	40.250	44.383	42.775	43.383	2810.292	922.458	
Cluster	MLOS		25	0.80	08:45	E	2.942	39.833	44.383	42.775	43.383	2810.292	922.458	
Anomaly	MLOS		17	0.60	08:00	E	22.792	19.983	44.383	42.775	43.383	2810.292	922.458	
Cluster	MLOS		14	0.90	08:20	E	34 025	8.750	44.383	42 775	43.383	2810.292	922.458	
Cluster	MLOS		15	1.60	08:10	E	34.175	8.600	44.383	42 775	43.383	2810.292	922.458	
Anomaly	MLOS		18	0.40	08:00	E	35.625	7.150	44.383	42.775	43.383	2810.292	922.458	
Cluster	MLOS		13	1.30	08:00	E	35.775	7.000	44.383	42.775	43.383	2810.292	922.458	
Anomaly	MLOS		15	0.60	04:00	E	37.775	5.000	44.383	42.775	43.383	2810.292	922.458	

EMPCO-ARKGOV006707

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.00	03:40	E	4.617	38.767	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		15	0.70	03:50	E	10.367	33 017	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		22	0 70	03:50	E	26 233	17.150	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		19	0.70	03.40	E	27.317	16.067	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		21	0.50	04:10	E	28.667	14.717	42.775	43.383	44.358	2853.067	879.075	
Cluster	MLOS		22	1.30	04:05	E	29.358	14.025	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		16	0.60	04:15	E	31.292	12.092	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		23	0.90	04:15	E	31.475	11.908	42.775	43.383	44.358	2853.067	879.075	
Anomaly	MLOS		16	0.90	04:15	E	31.817	11.567	42.775	43.383	44 358	2853.067	879.075	
Anomaly	MLOS		18	0.70	03:45	E	19.133	25.225	43.383	44.358	43.608	2896.450	834.717	
Anomaly	MLOS		16	0.50	03:30	E	23.425	20.933	43.383	44.358	43.608	2896.450	834.717	
Anomaly	MLOS		17	0.70	03:20	E	34.150	10.208	43.383	44.358	43 608	2896.450	834.717	
Anomaly	MLOS		19	0.60	03:50	E	35.733	8.625	43.383	44.358	43 608	2896.450	834.717	
Cluster	MLOS		17	2.10	04:00	E	36.458	7.900	43.383	44 358	43.608	2896.450	834.717	
Marker	AGM						23 000	20 325				3752.525	9860 225	AGM 15675+29 B.M. A297.08
Anomaly	MLOS		28	1.20	07:25	E	40.292	5.483	46.058	45.775	46.158	2098.400	7736 375	
Anomaly	MLOS		19	0.50	03:50	E	21.425	23.775	46.250	45.200	46.925	2954.067	6881.283	
Anomaly	MLOS		19	0 90	10:45	I	42 308	4.442	44.542	46 750	49.700	4050.442	5783.358	
NCA	NCA			0 00	02:30	E	23 408	21.292	43.050	44 700	37.792	4559.525	5276.325	Metal In Close Proximity
Anomaly	MLOS		23	0.40	10:15	I	7.958	35 733	1.992	43.692	41.967	4899.808	4937.050	Possible Non-Corrosion Anomaly
Cluster	MLOS		31	1.00	11:40	I	8.850	34.842	1.992	43.692	41.967	4899.808	4937.050	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	0.40	05:50	I	2 575	32.342	44.075	34 917	41.067	5281.775	4563.858	Possible Non-Corrosion Anomaly
Cluster	MLOS		22	1.00	01:40	I	3.308	31.608	44.075	34.917	41.067	5281.775	4563.858	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.80	01:15	I	32.792	12.442	47.942	45.233	44.667	5681.700	4153.617	
Cluster	MLOS		20	4.90	12:10	E	19.917	29.342	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		30	4.20	12:35	E	20.417	28.842	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		11	1.70	12:40	E	21.367	27.892	42 867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		33	5.30	01:15	E	21.858	27.400	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		23	5.30	01:15	E	23.033	26.225	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		13	1.10	11:40	E	24.400	24.858	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		17	1.90	11:40	E	24.650	24.608	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		25	0.90	11:45	E	24.967	24.292	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		23	1.10	11:30	E	25.383	23.875	42.867	49.258	44.308	6965.292	2866.000	

EMPCO-ARKGOV006708

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	17	3.20	10:45	E	25.908	23.350	42.867	49.258	44.308	6965.292	2866 000	
Cluster	MLOS		24	2.50	11:25	E	26.342	22.917	42 867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		17	1.60	11:00	E	26.667	22.592	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		24	3.90	10:25	E	27.167	22.092	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		34	11.20	11:50	E	27.550	21.708	42.867	49 258	44.308	6965.292	2866.000	
Anomaly	MLOS		16	0.60	02:25	E	27.917	21.342	42.867	49 258	44.308	6965.292	2866.000	
Anomaly	MLOS		18	1.10	10:35	E	28.367	20.892	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		16	3 60	11:50	E	28.650	20.608	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		18	2.30	12:00	E	29.033	20.225	42.867	49.258	44.308	6965.292	2866 000	
Anomaly	MLOS		25	2.70	02.40	E	31.800	17 458	42 867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		17	3.10	02:05	E	32.983	16.275	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		17	2.00	12:25	E	33.067	16.192	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		16	1.00	06:00	E	34.467	14.792	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		33	3.30	12:15	E	34.525	14 733	42.867	49.258	44.308	6965.292	2866 000	
Cluster	MLOS		24	1.50	02:00	E	34.817	14 442	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		28	1.90	12:45	E	34.867	14.392	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		21	3.00	01:35	E	35.633	13.625	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		16	2.50	02:20	E	37.317	11.942	42 867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		21	1.90	02:30	E	38.808	10.450	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		19	3.30	12:35	E	39.067	10.192	42.867	49.258	44.308	6965.292	2866 000	
Anomaly	MLOS		19	2.70	12:40	E	40.583	8.675	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		18	1.20	12:30	E	41.217	8.042	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		34	2.40	03:05	E	41.233	8.025	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		32	0.80	02:50	E	41.617	7.642	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		20	2.50	03:10	E	42.008	7.250	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		20	1.30	03:10	E	42.358	6.900	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		25	4.70	01:05	E	42.400	6.858	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		13	3.20	03:00	E	43.233	6.025	42.867	49.258	44.308	6965.292	2866.000	
Anomaly	MLOS		19	2.30	12:55	E	46.817	2.442	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		17	4.80	02:35	E	48.267	0.992	42.867	49.258	44.308	6965.292	2866.000	
Cluster	MLOS		25	2.10	12:50	E	0.225	44.083	49.258	44.308	44.425	7014.550	2821.692	
Anomaly	MLOS		22	0.60	12:35	E	0.592	43.717	49.258	44.308	44.425	7014.550	2821.692	
Cluster	MLOS		22	2.60	02:20	E	1.033	43.275	49.258	44.308	44.425	7014.550	2821.692	

EMPCO-ARKGOV006709

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	21	1 40	01:00	E	2.525	41.783	49.258	44.308	44.425	7014.550	2821.692	
Cluster	MLOS		16	2.30	01:05	E	2.833	41.475	49.258	44 308	44.425	7014.550	2821.692	
Anomaly	MLOS		21	1.10	01:35	E	4.567	39.742	49.258	44 308	44.425	7014.550	2821.692	
Cluster	MLOS		25	2.70	12:35	E	6.342	37.967	49.258	44 308	44.425	7014.550	2821.692	
Anomaly	MLOS		27	2.50	02:45	E	15.375	28.933	49.258	44.308	44.425	7014.550	2821.692	
Anomaly	MLOS		20	2.40	03:20	E	19.675	24.633	49.258	44.308	44.425	7014.550	2821.692	
Anomaly	MLOS		19	0.70	01:20	E	26.642	17.667	49.258	44 308	44.425	7014.550	2821.692	
Cluster	MLOS		16	1.40	07:10	E	36.175	8.133	49.258	44 308	44.425	7014.550	2821.692	
NCA	NCA			0.00	08:50	I	44.400	1.933	20.125	46.333	49.467	7603.242	2230.975	Mill Anomaly
Anomaly	MLOS		19	0.70	12:20	E	28.842	16.800	42.075	45 642	46.400	9818.458	16.450	
Marker	AGM						16.450	29.950				9864.100	5383.458	AGM 15576+04 B.M. A295.20
NCA	NCA			0.00	06:10	E	43.758	5.458	35.883	49.217	46.442	1607.617	3756.575	Metal In Close Proximity
Anomaly	MLOS		26	0.60	11:45	I	12.258	33 808	51.008	46.067	46.758	2440.675	2926.667	
Anomaly	MLOS		17	0.50	04:05	E	22.275	29.708	49.725	51.983	41.475	2773.750	2587.675	
Anomaly	MLOS		23	0.70	05:45	I	25.558	26.425	49.725	51.983	41.475	2773.750	2587 675	
Cluster	MLOS		18	2 50	06:45	E	43.475	8.508	49.725	51.983	41.475	2773.750	2587.675	
Anomaly	MLOS		16	0.80	07:10	E	50.458	1.525	49.725	51.983	41.475	2773.750	2587.675	
Anomaly	MLOS		20	0.80	12:20	I	33.158	15.375	41 358	48.533	47 267	3269.917	2094.958	
NCA	NCA			0.00	09:10	I	36 425	12.108	41.358	48.533	47.267	3269.917	2094.958	Mill Anomaly
Cluster	MLOS		21	1 70	10:40	E	45.933	1.333	48.533	47.267	43.375	3318.450	2047.692	
Anomaly	MLOS		22	0.90	02:05	E	7.775	35.600	47.267	43.375	48.883	3365.717	2004.317	
Cluster	MLOS		12	1.80	06:50	E	9 042	34.333	47.267	43.375	48.883	3365.717	2004.317	
Cluster	MLOS		18	2.70	11:45	E	9.058	34 317	47.267	43.375	48.883	3365.717	2004.317	
Anomaly	MLOS		15	0.70	06:10	E	9.325	34.050	47.267	43.375	48.883	3365.717	2004.317	
Anomaly	MLOS		15	1.40	06:50	E	9.525	33.850	47.267	43 375	48.883	3365.717	2004.317	
Anomaly	MLOS		16	0.80	11:05	E	11 250	32.125	47.267	43.375	48.883	3365.717	2004.317	
Anomaly	MLOS		17	0.40	11:45	E	12 383	30.992	47.267	43.375	48.883	3365.717	2004.317	
Anomaly	MLOS		15	1.10	06:40	E	32 633	16.250	43.375	48.883	45.958	3409.092	1955.433	
Anomaly	MLOS		15	0 50	05:15	E	34.450	14.433	43.375	48.883	45.958	3409.092	1955.433	
Anomaly	MLOS		15	1 10	06:00	E	41.875	7.008	43.375	48.883	45.958	3409.092	1955.433	
Anomaly	MLOS		18	0.60	02:10	I	2.733	41.667	48.783	44.400	48.000	3552.717	1816.292	
Cluster	MLOS		16	0.90	05:35	E	29.283	16.700	49.342	45.983	48.633	4067.158	1300.267	
NCA	NCA			0.00	11:30	E	27.075	18.133	36.475	45.208	47.908	4198.250	1169.950	Metal In Close Proximity

EMPCO-ARKGOV006710

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	12:10	E	31.575	13.633	36.475	45.208	47.908	4198.250	1169.950	Metal In Close Proximity
NCA	NCA			0.00	02:30	E	9.583	38.325	45.208	47.908	49.058	4243.458	1122.042	Metal In Close Proximity
NCA	NCA			0.00	12:50	E	3.058	46 000	47.908	49.058	46.533	4291.367	1072.983	Metal In Close Proximity
NCA	NCA			0.00	02:35	E	7.300	41.758	47.908	49.058	46.533	4291.367	1072.983	Metal In Close Proximity
NCA	NCA			0.00	10:40	E	7.333	41.725	47.908	49 058	46 533	4291.367	1072.983	Metal In Close Proximity
NCA	NCA			0 00	02:20	E	7.683	41.375	47.908	49.058	46.533	4291.367	1072.983	Metal In Close Proximity
NCA	NCA			0.00	01:10	E	9.833	39.225	47.908	49.058	46.533	4291.367	1072.983	Metal In Close Proximity
Marker	AGM						38.483	11.867				5374.925	6537.758	AGM 15523+20 B.M. A294.20
Anomaly	MLOS		16	1.50	04:40	E	7.983	40.792	48.725	48.775	49.308	588.025	5912.825	
Anomaly	MLOS		20	0.90	04:00	E	31 567	18.458	49.308	50.025	50.650	686 108	5813.492	
Anomaly	MLOS		19	0.90	08:00	E	5.825	44.825	50.025	50.650	51.875	736.133	5762.842	
Anomaly	MLOS		18	1.30	02:55	E	25.533	25.117	50.025	50.650	51.875	736.133	5762.842	
Cluster	MLOS		16	3.00	03:50	E	16.125	35.750	50.650	51.875	46.642	786 783	5710.967	
Cluster	MLOS		22	2.00	03:35	E	16.567	35.308	50.650	51.875	46.642	786.783	5710.967	
Cluster	MLOS		18	2.30	05:50	E	20.033	31.842	50.650	51.875	46.642	786.783	5710.967	
Anomaly	MLOS		16	1.00	08:40	E	6.717	37.908	47.767	44 625	48.958	1131.450	5373.550	
Anomaly	MLOS		17	0.50	11:10	I	12.775	33.383	44 358	46.158	37.867	1810.383	4693.083	
Anomaly	MLOS		16	1.20	09:30	E	23.417	23.117	45.292	46.533	49.033	2308.142	4194.950	
Cluster	MLOS		15	1.20	04:10	E	32.775	13.758	46.133	46.533	44.700	2449.842	4053.250	
Anomaly	MLOS		18	0.70	11:05	I	8.058	38.758	44.342	46.817	24.883	2779.175	3723.633	
Cluster	MLOS		16	2.40	02:25	E	14.175	30.492	49.058	44.667	45.850	2946.275	3558.683	
Cluster	MLOS		17	1.40	02:20	E	4.300	42.833	43.867	47.133	43.375	3350.767	3151.725	
Anomaly	MLOS		20	0.60	05:55	E	24.067	19.308	47.133	43.375	36.725	3397.900	3108.350	
Anomaly	MLOS		20	1.20	10:10	E	44.633	0.833	36.725	45 467	46.258	3478.000	3026.158	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						18.133	31.400				6531.492	6020.433	AGM 15457+04 B.M. A292.95
Anomaly	MLOS		15	0.50	10:40	E	21.767	24 983	43.375	46.750	7.433	132.375	5872.708	
Cluster	MLOS		16	1.70	10:40	E	5.558	38.200	47.725	43.758	46.617	1772.408	4235.667	
Anomaly	MLOS		15	0.60	10:50	E	8.292	35.467	47.725	43.758	46.617	1772.408	4235.667	
Anomaly	MLOS		15	0.80	05:50	E	21.733	22.133	43.967	43.867	46.133	2921.725	3086.242	
Cluster	MLOS		17	1.60	05:20	E	33.150	12.983	43.867	46.133	46.458	2965.592	3040.108	
Anomaly	MLOS		19	1.10	05:55	E	37.375	8.758	43.867	46.133	46.458	2965.592	3040.108	
Anomaly	MLOS		15	1.00	06:10	E	10.225	34.492	46.458	44.717	33.250	3058.183	2948.933	
Anomaly	MLOS		15	0.60	05:50	E	14.142	30.575	46.458	44.717	33.250	3058.183	2948.933	

EMPCO-ARKGOV006711

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	16	1.10	06:00	E	44.408	1.150	47.083	45.558	46.742	3653.700	2352.575	
Anomaly	MLOS		17	0.50	04:35	E	4.900	41.842	45.558	46.742	47.600	3699.258	2305.833	
Anomaly	MLOS		15	0 60	11:40	I	44.433	1.708	44.650	46.142	45.133	5224.042	781.650	
NCA	NCA			0 00	11:30	I	11.033	36.642	49.433	47.675	47.842	5494.675	509.483	Mill Anomaly
Anomaly	MLOS		17	0.30	12:10	I	13.775	34.433	47.192	48.208	27.508	5685.217	318.408	
Marker	AGM						12.042	35.675				6039.792	6397.633	AGM 15395+80 B.M. A291.75 (INS)
NCA	NCA			0.00	06:40	E	1.583	47.658	47.717	49.242	48.533	35.675	6348.392	Metal In Close Proximity
Cluster	MLOS		22	0.80	09:35	I	41.458	6.225	48.533	47.683	48.608	133.450	6252.175	
Anomaly	MLOS		38	0.80	07:45	I	36.100	11.450	38.958	47.550	48 067	268.700	6117.058	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:50	E	13.308	34.883	12.825	48.192	33.250	1399.142	4985.975	Metal In Close Proximity
NCA	NCA			0.00	11:20	I	7.617	38.625	35.258	46.242	47.642	3796.417	2590.650	Mill Anomaly
Anomaly	MLOS		16	0.80	06:20	E	46.150	3.717	50.258	49.867	26.425	5406.883	976.558	
Marker	AGM						4.967	43.450				6428.342	6727.783	AGM 15331+20 B.M. A290.57
Anomaly	MLOS		17	0.50	04:15	I	15.633	27.250	46.267	42.883	46.517	226.750	6501.600	
Cluster	MLOS		15	2.00	08:20	E	10.892	36 458	48.692	47.350	48.225	2673.208	4050.675	
Cluster	MLOS		14	1.70	03:10	E	21.950	26.742	50.133	48.692	46.300	4395.317	2327.225	
Cluster	MLOS		29	2 70	03:35	E	22.383	26.308	50.133	48.692	46.300	4395.317	2327.225	
Anomaly	MLOS		16	0.60	05:40	E	23 992	24.700	50.133	48 692	46.300	4395.317	2327.225	
Cluster	MLOS		15	1.90	06:50	E	24.150	24.542	50.133	48.692	46.300	4395.317	2327.225	
Anomaly	MLOS		16	0.80	12:30	I	13.092	32.367	48.058	45.458	49.133	6116.992	608.783	
Anomaly	MLOS		18	0.60	12:20	I	40.500	8.633	45.458	49.133	45.817	6162.450	559.650	
Anomaly	MLOS		41	0.90	02:10	I	44.708	3.525	40 458	48.233	24 492	6392.592	330.408	
Marker	AGM						41.200	8.708				6730.033	6468.833	AGM 15263+59 B.M. A289.29 (INS)
Anomaly	MLOS		17	0.60	07:55	E	28.925	20.158	46.858	49.083	48.717	239.292	6189.167	
Anomaly	MLOS		18	0.60	04:50	E	16.225	32.492	49.083	48.717	48.558	288.375	6140.450	
Cluster	MLOS		15	1.00	05:20	E	16.533	32.183	49.083	48.717	48.558	288.375	6140.450	
Anomaly	MLOS		20	0.80	04:40	E	17.025	31.692	49.083	48.717	48.558	288.375	6140.450	
Anomaly	MLOS		31	0.70	06:30	E	11.942	36.617	48.717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		15	0.60	04:50	E	12.858	35.700	48.717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		22	0 70	05:10	E	15.925	32.633	48 717	48.558	51 475	337.092	6091.892	
Anomaly	MLOS		19	1.10	07:10	E	28.042	20.517	48 717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		19	0.60	05:45	E	31.008	17.550	48.717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		15	0.80	06:50	E	31.808	16.750	48.717	48.558	51.475	337.092	6091.892	

EMPCO-ARKGOV006712

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.60	10:50	E	33 308	15.250	48.717	48 558	51 475	337.092	6091.892	
Anomaly	MLOS		17	0 60	10:15	E	36.683	11.875	48 717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		27	0.90	11:40	E	38.308	10.250	48.717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		16	0.70	11:45	E	39.258	9.300	48.717	48.558	51.475	337.092	6091.892	
Anomaly	MLOS		16	0.90	06:10	E	3.750	47.725	48.558	51.475	49.525	385.650	6040.417	
Anomaly	MLOS		34	0.80	11:00	E	9.358	42.117	48.558	51.475	49.525	385.650	6040.417	
Cluster	MLOS		21	0.90	12:30	E	14.533	36.942	48.558	51.475	49.525	385.650	6040.417	
Cluster	MLOS		15	0.60	12:10	E	15.450	36.025	48.558	51.475	49.525	385.650	6040.417	
Anomaly	MLOS		31	0.90	11:40	E	19.550	31.925	48.558	51.475	49.525	385.650	6040.417	
Anomaly	MLOS		18	0.80	07:30	I	0.208	48.908	48.733	49.117	47.242	872 408	5556.017	
NCA	NCA			0.00	02:05	E	12.175	37.442	47.242	49.617	46.533	968.767	5459.158	Metal In Close Proximity
NCA	NCA			0.00	07:00	E	13.292	36.325	47.242	49.617	46.533	968.767	5459.158	Metal In Close Proximity
Anomaly	MLOS		21	0.90	04:35	I	23.300	23.575	45.200	46.875	48.350	2497.517	3933.150	
Anomaly	MLOS		24	1.50	12:00	I	32.550	15.908	48.350	48.458	47.783	2592.742	3836.342	
Anomaly	MLOS		15	0.90	07:45	I	21.592	25.650	49.600	47.242	43.850	3893.025	2537.275	
Anomaly	MLOS		15	0.60	06:15	E	5.275	24.358	46.433	29.633	46.950	6320.992	126.917	
Anomaly	MLOS		16	0.90	06:50	E	21.075	8.558	46.433	29.633	46.950	6320.992	126.917	
Anomaly	MLOS		16	0.50	06:30	E	6.758	40.192	29.633	46.950	48.642	6350.625	79.967	
Cluster	MLOS		18	1.10	03:05	E	15.608	31.342	29.633	46.950	48.642	6350.625	79.967	
Cluster	MLOS		17	1.00	06:05	E	7.367	41.275	46.950	48.642	46.342	6397.575	31.325	
Anomaly	MLOS		18	0.50	06:10	E	16.908	31.733	46.950	48.642	46.342	6397.575	31.325	
Anomaly	MLOS		15	0.50	05:35	E	20.433	28.208	46.950	48.642	46.342	6397.575	31.325	
Anomaly	MLOS		24	0.60	10:25	E	39.442	9.200	46.950	48.642	46.342	6397.575	31.325	
Anomaly	MLOS		17	1.10	07:05	E	20.583	25.758	48.642	46.342	49.300	6446.217	-15.017	
Marker	AGM						31.325	15.017				6446.217	5863.458	AGM 15198+58 B.M. A288.05
Anomaly	MLOS		16	0.50	04:55	E	39.625	6.717	48.642	46.342	49.300	-31.325	5863 458	
Anomaly	MLOS		15	1.20	06:50	E	2.792	46.508	46.342	49.300	45.767	15.017	5814.158	
Anomaly	MLOS		16	0.60	05:35	E	4 200	45.100	46.342	49.300	45.767	15.017	5814.158	
Anomaly	MLOS		15	0 50	05:30	E	10.242	39.058	46.342	49.300	45.767	15.017	5814.158	
Anomaly	MLOS		19	0.80	07:50	E	23.908	25.392	46.342	49.300	45.767	15.017	5814 158	
Anomaly	MLOS		19	0.80	07:45	E	35.533	13.767	46.342	49.300	45.767	15.017	5814.158	
Anomaly	MLOS		19	0.60	06:45	E	18.542	27.225	49.300	45.767	48.442	64.317	5768 392	
Anomaly	MLOS		18	0.50	06:10	E	21 242	24.525	49 300	45.767	48.442	64.317	5768.392	

EMPCO-ARKGOV006713

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	42	0 80	05:20	E	24.975	20.792	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		28	0.70	05:40	E	25.333	20.433	49.300	45.767	48.442	64.317	5768 392	
Anomaly	MLOS		21	0 70	06:10	E	27.158	18.608	49.300	45.767	48.442	64.317	5768 392	
Anomaly	MLOS		32	0.70	06:00	E	27.458	18 308	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		34	0.70	06.35	E	28.642	17.125	49 300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		28	0.70	06.10	E	31.483	14.283	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		25	0.80	12.35	E	31.858	13.908	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		18	0.40	06:20	E	33.033	12.733	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		18	0.50	06:50	E	35.233	10.533	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		17	0.60	05.35	E	36.075	9.692	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		15	0.60	10:10	E	36.133	9.633	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		16	0.60	12:00	E	36.617	9.150	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		30	0.70	06:00	E	38.733	7.033	49.300	45.767	48.442	64.317	5768.392	
Cluster	MLOS		22	1.60	05:50	E	39.517	6.250	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		15	0.80	05:55	E	39.942	5.825	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		18	0 60	05:05	E	40.175	5.592	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		17	0 50	05:35	E	41.092	4.675	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		16	0.80	06:15	E	41.250	4.517	49.300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		17	0.70	05:10	E	42.258	3.508	49.300	45 767	48.442	64.317	5768.392	
Anomaly	MLOS		18	0 50	05:50	E	42.442	3.325	49 300	45.767	48.442	64.317	5768.392	
Anomaly	MLOS		23	0 80	05:05	E	44.692	1.075	49.300	45.767	48.442	64.317	5768.392	
Cluster	MLOS		31	2.00	11:55	E	2.542	45.900	45.767	48.442	50.067	110.083	5719.950	
Cluster	MLOS		17	0.80	08:10	E	2.792	45.650	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		15	0.80	05:50	E	2.842	45.600	45 767	48.442	50 067	110.083	5719.950	
Anomaly	MLOS		15	0.80	08:20	E	10.175	38.267	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		27	0.70	06:40	E	15.575	32.867	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		16	0.50	10:20	E	19.967	28.475	45.767	48 442	50.067	110.083	5719.950	
Anomaly	MLOS		17	0 60	10:20	E	24.075	24.367	45.767	48.442	50.067	110 083	5719.950	
Anomaly	MLOS		20	0.60	12:55	E	31.558	16.883	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		26	0.60	01:20	E	32.175	16.267	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		28	0.70	04:35	E	35.358	13.083	45.767	48.442	50.067	110.083	5719.950	
Cluster	MLOS		23	1 60	04:35	E	35.750	12.692	45.767	48 442	50.067	110.083	5719.950	
Anomaly	MLOS		22	0 60	04:25	E	35.900	12.542	45.767	48 442	50.067	110.083	5719.950	

EMPCO-ARKGOV006714

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.70	06:10	E	36.108	12.333	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		15	0 60	04.50	E	36.308	12.133	45.767	48.442	50 067	110.083	5719.950	
Cluster	MLOS		20	1.60	04:25	E	36.508	11.933	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		21	0.80	05:10	E	36.583	11.858	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		24	0.90	05:15	E	36.842	11.600	45.767	48 442	50.067	110.083	5719.950	
Anomaly	MLOS		17	0.60	05:30	E	37.225	11.217	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		24	0.70	04:40	E	37.450	10.992	45.767	48.442	50 067	110.083	5719.950	
Anomaly	MLOS		17	0.60	05:20	E	37.683	10.758	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		26	0.80	05:25	E	42.417	6.025	45.767	48.442	50.067	110.083	5719.950	
Cluster	MLOS		23	2.40	04:55	E	42.925	5.517	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		15	0.80	05:20	E	43.158	5.283	45 767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		16	0.50	05:15	E	45.083	3.358	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		25	0.70	05:45	E	48.142	0.300	45.767	48.442	50.067	110.083	5719.950	
Anomaly	MLOS		20	0.70	02:50	E	6.367	43.700	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		20	0.60	12:20	E	6.467	43.600	48 442	50.067	49.008	158.525	5669.883	
Cluster	MLOS		15	1.80	06:10	E	9.342	40.725	48.442	50.067	49.008	158.525	5669.883	
Cluster	MLOS		16	1.30	05:15	E	16 375	33.692	48.442	50.067	49.008	158 525	5669.883	
Anomaly	MLOS		15	0.80	06:20	E	16.517	33.550	48.442	50.067	49 008	158.525	5669.883	
Cluster	MLOS		17	2.30	06:30	E	19.875	30.192	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		17	0.70	06:10	E	20.050	30.017	48.442	50.067	49 008	158.525	5669.883	
Cluster	MLOS		15	2.60	05:35	E	20.233	29.833	48.442	50.067	49.008	158.525	5669.883	
Cluster	MLOS		22	1.80	07:20	E	21.825	28.242	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		15	0.60	05:55	E	24.633	25.433	48 442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		32	0.70	02:00	E	27.083	22.983	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		18	0.50	06:10	E	30.275	19.792	48 442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		16	0.80	07:55	E	32.208	17.858	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		16	0.60	08:00	E	32.483	17.583	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		16	1.00	07:40	E	32.783	17.283	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		16	0.80	01:50	E	32.933	17.133	48.442	50.067	49.008	158.525	5669.883	
Cluster	MLOS		19	1.70	07:00	E	34.100	15.967	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		18	0.70	06:00	E	36.833	13.233	48.442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		18	0.70	03:50	E	41.150	8.917	48.442	50 067	49.008	158.525	5669.883	
Anomaly	MLOS		18	0.70	06:25	E	44.000	6.067	48.442	50.067	49.008	158.525	5669.883	

EMPCO-ARKGOV006715

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	24	1.00	05.55	E	47.383	2.683	48.442	50.067	49.008	158 525	5669.883	
Anomaly	MLOS		27	0.70	06.10	E	47.867	2.200	48 442	50.067	49.008	158.525	5669.883	
Anomaly	MLOS		19	0.70	07:10	E	16.217	32.792	50 067	49.008	46.658	208.592	5620.875	
Anomaly	MLOS		16	0.50	05:20	E	27.658	21.350	50 067	49.008	46.658	208.592	5620.875	
Cluster	MLOS		15	1 90	05.30	E	30.817	18 192	50 067	49.008	46.658	208.592	5620.875	
Anomaly	MLOS		15	0.70	01:45	E	31.950	17 058	50.067	49.008	46.658	208.592	5620 875	
Anomaly	MLOS		15	0 60	06:25	E	35.992	13 017	50.067	49.008	46.658	208.592	5620.875	
Anomaly	MLOS		21	0.50	12:50	E	36.050	12.958	50.067	49.008	46.658	208.592	5620.875	
Anomaly	MLOS		18	1.70	06:10	E	39.008	10.000	50.067	49.008	46.658	208.592	5620.875	
Cluster	MLOS		18	1 80	05:10	E	41.617	7.392	50.067	49.008	46 658	208.592	5620.875	
Cluster	MLOS		24	1 10	03:30	E	45.158	3.850	50.067	49.008	46.658	208.592	5620.875	
Anomaly	MLOS		18	1.70	03:25	E	17.842	28.817	49.008	46.658	47.500	257.600	5574.217	
Anomaly	MLOS		17	1.20	06:55	E	39 942	6.717	49.008	46.658	47.500	257 600	5574.217	
Anomaly	MLOS		15	1.00	07:40	E	46.342	0.317	49.008	46.658	47.500	257.600	5574.217	
Anomaly	MLOS		21	0.50	06:20	E	4.458	43.042	46.658	47.500	47.175	304 258	5526.717	
Anomaly	MLOS		15	0.70	05:30	E	9.400	38.100	46.658	47.500	47.175	304.258	5526.717	
Anomaly	MLOS		31	0.90	09:55	E	15.767	31.733	46.658	47.500	47.175	304.258	5526.717	
Anomaly	MLOS		21	0.60	10:50	E	18.708	28.792	46.658	47.500	47.175	304.258	5526 717	
Anomaly	MLOS		22	1.30	05:35	E	24.850	22.650	46.658	47.500	47.175	304.258	5526.717	
Anomaly	MLOS		16	0.40	10:00	E	29.650	17.850	46.658	47 500	47.175	304.258	5526.717	
Cluster	MLOS		15	2.00	06:05	E	30.117	17.383	46.658	47.500	47 175	304.258	5526.717	
Anomaly	MLOS		29	1.00	05:40	E	31.475	16 025	46 658	47.500	47 175	304.258	5526.717	
Anomaly	MLOS		17	0.50	05:55	E	9.625	37 550	47 500	47.175	48.508	351.758	5479.542	
Cluster	MLOS		17	1.30	05:40	E	26.375	20.800	47.500	47.175	48.508	351.758	5479 542	
Anomaly	MLOS		20	0.70	06:20	E	32.392	16.117	47.175	48.508	48.333	398.933	5431 033	
Anomaly	MLOS		15	0.70	05:10	E	32.833	15.675	47.175	48.508	48.333	398.933	5431.033	
Anomaly	MLOS		22	0.70	06:00	E	33.117	15.392	47.175	48 508	48.333	398.933	5431.033	
Anomaly	MLOS		15	0.50	05:50	E	34.525	13.983	47.175	48 508	48.333	398.933	5431.033	
Anomaly	MLOS		15	0.70	06:30	E	11 483	35.867	48.600	47.350	41.925	544.375	5286.750	
Anomaly	MLOS		16	0.70	07:40	E	19 633	27.717	48.600	47.350	41.925	544.375	5286.750	
Anomaly	MLOS		24	0.80	04:00	E	22 550	24.800	48.600	47.350	41.925	544.375	5286.750	
Anomaly	MLOS		15	0.80	06:35	E	39.883	7.467	48.600	47.350	41.925	544.375	5286.750	
NCA	NCA			0.00	05:40	I	27.633	20.158	50.367	47.792	45.292	1938.050	3892.633	Mill Anomaly

EMPCO-ARKGOV006716

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.40	03:35	I	0 108	41.475	47.425	41.583	43.975	2989.275	2847.617	
Anomaly	MLOS		23	0.80	09:35	I	38.808	11.325	30.358	50.133	44.458	3668.600	2159.742	
Anomaly	MLOS		17	0.60	05:45	E	13.942	33 250	49.475	47.192	44.700	4736.017	1095.267	
Anomaly	MLOS		20	0.70	12:00	I	33 258	13.933	49.475	47.192	44.700	4736.017	1095.267	
Anomaly	MLOS		15	0.60	06:05	E	24.192	25.192	45.808	49.383	47.383	5297.183	531.908	
Anomaly	MLOS		15	0.70	05:20	E	31.358	14 558	47.383	45.917	46.250	5393.950	438.608	
Anomaly	MLOS		16	0.60	05:30	E	10 892	35.358	45.917	46.250	46.575	5439.867	392.358	
Marker	AGM						20 317	28.583				5858.158	4806.467	AGM 15139+95 B.M. A286.94
Cluster	MLOS		17	1.50	05:30	E	37.917	6.233	44.950	44.150	50.875	355.625	4435.275	
Anomaly	MLOS		18	0.60	04:25	E	20.733	24.375	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		15	0.70	12.35	E	22.200	22.908	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		21	0.70	12:40	E	25.600	19.508	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		15	0.50	10:20	E	28.525	16.583	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		16	1.00	05:45	E	29.933	15.175	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		34	0.80	05:40	E	30.183	14.925	48 775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		17	0.70	10:55	E	32.808	12 300	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		24	1.00	11:45	E	33.517	11.592	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		19	0.70	09:50	E	35.975	9.133	48.775	45.108	45.258	541.983	4247.958	
Anomaly	MLOS		22	0.80	10:20	E	38.858	6.250	48.775	45.108	45.258	541.983	4247.958	
Cluster	MLOS		18	1.30	06:05	E	2.617	42.642	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		22	0.70	05:50	E	3.433	41.825	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		29	0.80	05:15	E	3.750	41.508	45.108	45.258	45.400	587.092	4202.700	
Cluster	MLOS		18	1.50	06:25	E	4.225	41.033	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		36	1.00	06:10	E	4.675	40.583	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		17	0.90	06:15	E	5.525	39.733	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		33	1.00	06:20	E	6.158	39.100	45.108	45.258	45 400	587.092	4202.700	
Anomaly	MLOS		15	0.60	05:25	E	9.750	35.508	45.108	45.258	45 400	587.092	4202.700	
Cluster	MLOS		35	2.40	05:40	E	10.975	34.283	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		35	0.90	05:20	E	11.217	34.042	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		18	0.70	06:30	E	11.567	33.692	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		46	0.90	05:40	E	11.642	33.617	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		32	1.40	05:30	E	12.308	32 950	45.108	45.258	45.400	587.092	4202.700	
Anomaly	MLOS		23	0.70	05:40	E	14.358	30.900	45.108	45.258	45.400	587.092	4202.700	

EMPCO-ARKGOV006717

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	21	0.90	05:50	E	45 950	0.283	46 225	46.233	47.383	910 308	3878.508	
Anomaly	MLOS		19	0.90	06:00	E	31.292	16.092	46.233	47.383	46.833	956.542	3831.125	
Cluster	MLOS		22	2 20	05.15	E	32.108	15.275	46.233	47.383	46.833	956.542	3831.125	
Cluster	MLOS		20	1.10	05:55	E	33 017	14.367	46.233	47.383	46.833	956.542	3831.125	
Anomaly	MLOS		16	0.70	06.40	E	33.092	14.292	46.233	47.383	46.833	956.542	3831 125	
Cluster	MLOS		19	2.40	06.00	E	5.742	41.092	47.383	46.833	40.742	1003.925	3784.292	
Anomaly	MLOS		17	0.50	05:30	E	7.050	39.783	47.383	46.833	40.742	1003.925	3784.292	
Anomaly	MLOS		16	0.60	05.50	E	8.608	38.225	47.383	46.833	40.742	1003.925	3784.292	
Anomaly	MLOS		16	0.50	05:45	E	24 108	16.633	46.833	40.742	45.242	1050.758	3743.550	
Anomaly	MLOS		23	1.40	06:10	E	23.317	21.925	40.742	45.242	47.675	1091.500	3698.308	
Anomaly	MLOS		17	0.40	05:50	E	20 575	27.100	45.242	47.675	47.583	1136.742	3650.633	
Cluster	MLOS		16	1.80	06:05	E	3.600	43.983	47.675	47.583	42.725	1184.417	3603.050	
Anomaly	MLOS		20	0.50	06:05	E	8.583	39.000	47.675	47 583	42.725	1184.417	3603.050	
Cluster	MLOS		25	2.30	05:40	E	9 133	38.450	47.675	47 583	42.725	1184.417	3603.050	
Anomaly	MLOS		16	0.60	05:40	E	9.383	38.200	47 675	47.583	42.725	1184.417	3603.050	
Anomaly	MLOS		17	0.50	05:50	E	9.700	37.883	47.675	47.583	42.725	1184.417	3603.050	
Anomaly	MLOS		16	1.10	05:05	E	3.475	45 717	37.575	49.192	10.375	2757.092	2028 767	
Cluster	MLOS		15	1.10	05:45	E	8.783	40.333	15.283	49 117	48.425	4029.283	756.650	
Cluster	MLOS		25	1.40	06:00	E	17.633	31.483	15.283	49.117	48.425	4029.283	756.650	
Cluster	MLOS		17	0.90	05:50	E	18.508	30.608	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		15	0.80	05:55	E	32.717	16 400	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		16	0.60	05:45	E	35.183	13 933	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		24	0.80	06:00	E	36.033	13 083	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		17	0.90	06:00	E	36.383	12.733	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		24	0.90	06:00	E	36.683	12.433	15.283	49 117	48.425	4029.283	756.650	
Cluster	MLOS		17	3.00	05:55	E	37.142	11.975	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		24	1.80	05:55	E	40.825	8.292	15.283	49.117	48.425	4029.283	756.650	
Anomaly	MLOS		18	0.80	05:45	E	1.642	46.783	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		22	1 00	05:45	E	1.850	46.575	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		21	0 90	05:45	E	2.500	45.925	49.117	48.425	49 300	4078.400	708.225	
Cluster	MLOS		19	2.50	05:50	E	6.983	41.442	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		18	1.00	05:50	E	7.442	40.983	49.117	48.425	49 300	4078.400	708.225	
Anomaly	MLOS		26	0.40	05:50	E	8.458	39.967	49.117	48.425	49.300	4078.400	708.225	

EMPCO-ARKGOV006718

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.30	05:50	E	8.633	39.792	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		16	1.30	05.50	E	12.150	36.275	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		21	0.60	05:45	E	12 408	36.017	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		16	0.60	06.00	E	13.350	35.075	49.117	48.425	49.300	4078.400	708.225	
Cluster	MLOS		37	2.80	05:55	E	13.908	34.517	49.117	48 425	49 300	4078.400	708.225	
Cluster	MLOS		16	1.40	05:45	E	14 550	33.875	49.117	48.425	49 300	4078.400	708.225	
Anomaly	MLOS		17	1.50	05:50	E	15.700	32.725	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		16	1.10	05:40	E	17.458	30.967	49 117	48.425	49.300	4078.400	708.225	
Cluster	MLOS		24	2.20	05:45	E	18.583	29.842	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		28	1 10	05:50	E	22.133	26.292	49.117	48 425	49 300	4078.400	708.225	
Anomaly	MLOS		22	0.40	05:50	E	22.725	25 700	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		20	0.50	05:50	E	22.933	25.492	49 117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		19	1.10	05:55	E	23.317	25.108	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		18	1.00	05:40	E	30.967	17.458	49.117	48.425	49.300	4078.400	708.225	
Cluster	MLOS		15	1 80	05:45	E	33 417	15.008	49.117	48.425	49.300	4078.400	708.225	
Anomaly	MLOS		16	0.80	03:45	E	45.458	3.567	49.250	49.025	47.850	4740.908	45.117	
Marker	AGM						45.117	2.733				4789.933	4331.475	AGM 15091+40 B.M. A286.02 (INS)
Anomaly	MLOS		26	0 70	06:25	I	33.700	11.367	48.075	45.067	47.625	475.308	3813.833	
NCA	NCA			0 00	03:00	E	42.125	7.567	48.150	49.692	46.475	1457.117	2827.400	Metal In Close Proximity
NCA	NCA			0.00	07:20	I	19.258	28.517	45.850	47.775	47.058	2216.858	2069.575	Mill Anomaly
Anomaly	MLOS		15	1.10	07:20	E	1 750	42.750	46.675	44.500	50.675	3047.142	1242.567	
Anomaly	MLOS		15	0.80	08:05	E	37.725	2.692	42.408	40.417	34.433	3882.392	411.400	
Marker	AGM						38.700	12.758				4295.508	7212.125	AGM 15047+86 B.M. A285.20
Anomaly	MLOS		23	1.20	08:00	I	38.500	3.808	41.033	42.308	44.183	195.133	6987.442	
Anomaly	MLOS		15	0.70	05:50	E	38.783	6.208	50.383	44.992	43.758	664.708	6515.183	
Anomaly	MLOS		19	0.80	05:55	E	39.125	5.867	50.383	44.992	43.758	664.708	6515.183	
Anomaly	MLOS		19	1.50	05:50	E	30.192	16.958	47.225	47.150	48.575	1784.408	5393.325	
NCA	NCA			0.00	05:50	E	46.417	0.733	47.225	47.150	48.575	1784.408	5393.325	Metal In Close Proximity
Anomaly	MLOS		21	0.90	09:10	I	35.758	13.192	48.500	48.950	34.592	2794.600	4381.333	
Anomaly	MLOS		17	0.70	08:35	I	10.808	23.783	48.950	34.592	30.942	2843.550	4346.742	
Anomaly	MLOS		40	0.80	11:45	I	3.417	31.050	49.100	34.467	47.708	3641.292	3549.125	
Anomaly	MLOS		15	0.90	04:20	E	7.542	0.200	41.492	7.742	49.333	5112.283	2104.858	
Anomaly	MLOS		21	1.80	06:10	E	27.225	21.333	47.233	48.558	48.292	6192.808	983.517	Poss. Mill/Mechanical/Thinwall or Lamination

EMPCO-ARKGOV006719

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	1.40	05:40	E	6.217	15.617	46.575	21.833	5.650	7200.283	2.767	
Marker	VALV						2.767	2.883				7222.117	5629.533	Valve B.V. #G34 14975+98 B.M. V283.84
NCA	NCA			0 00	01:10	E	42.908	2.142	44.233	45 050	46.058	420.558	5166.808	Metal In Close Proximity
Anomaly	MLOS		19	0 70	07:55	E	26.842	21.258	34.292	48.100	48.167	777.300	4807 017	
Anomaly	MLOS		27	0.90	06:10	E	39.242	9.300	48.167	48.542	47.817	873.567	4710.308	
Anomaly	MLOS		15	0.50	06:10	E	39.442	9.100	48.167	48.542	47 817	873.567	4710.308	
Anomaly	MLOS		18	0.80	05:30	E	40 642	7.900	48.167	48.542	47.817	873.567	4710.308	
Anomaly	MLOS		17	0.60	06:15	E	41.308	7.233	48.167	48.542	47.817	873.567	4710.308	
Anomaly	MLOS		16	0.50	06:05	E	43.325	5.217	48.167	48.542	47.817	873 567	4710.308	
Anomaly	MLOS		23	0.90	05:50	E	44.242	4.300	48.167	48.542	47.817	873 567	4710.308	
Anomaly	MLOS		15	0.60	01:40	I	14.242	31.108	45.825	45.350	47.592	2050.208	3536.858	
Anomaly	MLOS		17	0.30	11:25	I	18.383	29 208	45.350	47 592	44.725	2095.558	3489.267	
NCA	NCA			0.00	06:50	I	13.708	32.417	40.567	46 125	47.783	2431.033	3155.258	Mill Anomaly
Anomaly	MLOS		15	0.80	10:55	I	20.108	27.825	34.292	47.933	15.000	2855.867	2728.617	
Cluster	MLOS		18	1 10	09:50	E	27.008	17 267	15.000	44.275	48.875	2918.800	2669.342	
Cluster	MLOS		16	1 20	03:50	E	34.683	13.958	48.875	48.642	47.433	3011.950	2571.825	
Anomaly	MLOS		17	1.30	02:30	E	24.800	20.142	16.025	44.942	5.508	4388.908	1198.567	
Anomaly	MLOS		16	0.90	06:05	I	43 633	5.392	43.958	49.025	47.633	4778.467	804.925	
Marker	AGM						1.483	48.233				5630.933	6909.192	AGM 14920+80 B.M. A282.79 (INS)
Anomaly	MLOS		20	0.80	05:35	E	36.067	12 592	49.042	48.658	48.625	243.058	6665.708	
Cluster	MLOS		16	3.60	04:00	E	19.317	30 308	49.183	49.625	36.658	439.758	6468.042	
Anomaly	MLOS		15	1.20	03:20	E	20.000	29.625	49.183	49.625	36 658	439.758	6468.042	
Anomaly	MLOS		18	1.20	05:50	E	16.942	29.942	44.092	46.883	48 917	975.050	5935 492	
NCA	NCA			0.00	11:35	I	18.942	22.983	50.333	41.925	50.042	2592.467	4323.033	Mill Anomaly
Anomaly	MLOS		17	2.30	05:50	E	5.325	41.550	48.608	46 875	49.992	4936.600	1973.950	
Anomaly	MLOS		16	0.50	05:10	E	8.250	42.533	46.817	50.783	49.758	5698.067	1208.575	
Anomaly	MLOS		23	0.70	05:00	E	15 167	35.617	46.817	50.783	49.758	5698.067	1208.575	
Anomaly	MLOS		17	0.70	06:15	E	6.842	42.917	50.783	49.758	44.142	5748.850	1158.817	
Anomaly	MLOS		17	0.90	06:00	E	48.825	0.933	50.783	49.758	44.142	5748.850	1158.817	
Anomaly	MLOS		41	1.00	05:00	E	30.333	17.358	51.042	47.692	48.183	5893.792	1015.942	
Anomaly	MLOS		17	0.80	05:20	E	42.850	4.842	51.042	47 692	48.183	5893.792	1015.942	
Cluster	MLOS		22	1.10	05:30	E	43.267	4.425	51.042	47.692	48.183	5893.792	1015.942	
Cluster	MLOS		19	2.20	05:40	E	43.642	4.050	51.042	47 692	48.183	5893.792	1015.942	

EMPCO-ARKGOV006720

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	26	1.70	05:20	E	44 350	3.342	51.042	47.692	48.183	5893.792	1015 942	
Anomaly	MLOS		23	1.10	05:20	E	9.933	37.717	48.183	47.650	46.350	5989.667	920.108	
Anomaly	MLOS		16	0.60	06:00	E	31.683	15.967	48.183	47.650	46.350	5989.667	920.108	
Anomaly	MLOS		15	1.20	03:05	E	27 342	19.008	47.650	46.350	50.250	6037.317	873.758	
Anomaly	MLOS		33	0.90	06:30	E	37.292	9.058	47.650	46 350	50.250	6037.317	873.758	
Anomaly	MLOS		34	0.90	05:15	E	38.958	7.392	47.650	46.350	50.250	6037.317	873.758	
Anomaly	MLOS		23	1 00	05:10	E	46.100	0.250	47 650	46.350	50.250	6037.317	873.758	
Anomaly	MLOS		25	0 90	05:20	E	2.025	46.300	50.250	48.325	49.942	6133.917	775.183	
Cluster	MLOS		24	2.00	05.50	E	43 525	4.800	50.250	48.325	49.942	6133.917	775.183	
Anomaly	MLOS		20	0.90	05:50	E	44.450	3.875	50.250	48.325	49.942	6133.917	775.183	
Anomaly	MLOS		45	0.90	04:35	E	1.100	48.842	48.325	49.942	49.158	6182.242	725.242	
Anomaly	MLOS		19	0.80	06:00	E	3.583	46.358	48.325	49.942	49.158	6182.242	725.242	
Anomaly	MLOS		24	0.90	06:25	E	10.192	39.750	48.325	49.942	49.158	6182.242	725.242	
Cluster	MLOS		16	2.10	06:10	E	32.817	16.342	49.942	49.158	47.792	6232.183	676.083	
Anomaly	MLOS		16	0.70	05:55	E	6.625	41.167	49.158	47.792	49.408	6281.342	628.292	
Cluster	MLOS		39	1.90	05:40	E	12.083	35.708	49.158	47.792	49 408	6281.342	628.292	
Cluster	MLOS		32	2.30	05:15	E	13.300	34.492	49.158	47 792	49 408	6281.342	628.292	
Anomaly	MLOS		15	0.60	05:50	E	15.200	32.592	49.158	47 792	49.408	6281.342	628.292	
Anomaly	MLOS		20	0.90	05:20	E	17.483	30.308	49.158	47.792	49.408	6281.342	628.292	
Anomaly	MLOS		16	0.70	05:40	E	37.517	11.892	47.792	49 408	50.700	6329.133	578.883	
Anomaly	MLOS		26	0.70	06:00	E	39.825	9.583	47.792	49.408	50.700	6329.133	578.883	
Anomaly	MLOS		19	0.60	06:10	E	3.300	47.400	49.408	50.700	49.417	6378.542	528.183	
Anomaly	MLOS		24	0.60	06:10	E	3.925	46.775	49.408	50.700	49.417	6378.542	528.183	
Anomaly	MLOS		15	0.60	05:55	E	22.217	27.200	50.700	49.417	45.358	6429.242	478.767	
Anomaly	MLOS		22	0.60	01:50	E	46.675	0.392	47 858	47.067	49.092	6621.383	288.975	
Marker	AGM						0.408	47.908				6957.017	5862.417	AGM 14849+31 B.M. A281.44
Anomaly	MLOS		19	1.10	11:40	E	43.683	4.633	49.142	48.317	51.642	-0.408	5862.417	
Anomaly	MLOS		28	1.30	07:05	E	42.242	7.783	48.625	50.025	49.958	337.108	5523.192	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	1.00	02:40	E	33.650	14 433	48.033	48.083	51.308	584.117	5278.125	
Anomaly	MLOS		42	0.80	05:15	E	6.033	45.275	48.083	51.308	43.717	632.200	5226.817	
Cluster	MLOS		21	0.80	05:00	E	43.633	7.675	48.083	51.308	43.717	632.200	5226.817	
Anomaly	MLOS		17	0.70	06:00	E	43.800	7.508	48.083	51.308	43.717	632.200	5226.817	
Anomaly	MLOS		20	1.60	04:30	E	44.617	6.692	48.083	51.308	43 717	632.200	5226.817	

EMPCO-ARKGOV006721

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.50	05:50	E	44.850	6.458	48.083	51.308	43.717	632.200	5226.817	
Cluster	MLOS		15	2.00	04:55	E	46.717	4.592	48.083	51.308	43.717	632.200	5226 817	
Anomaly	MLOS		21	0.90	04:55	E	47.200	4.108	48.083	51.308	43.717	632.200	5226.817	
Anomaly	MLOS		15	0.70	06:35	E	47.742	3.567	48.083	51.308	43.717	632.200	5226.817	
Cluster	MLOS		24	3.30	05:55	E	48.000	3.308	48.083	51.308	43.717	632.200	5226 817	
Cluster	MLOS		16	0.90	04:50	E	49.425	1.883	48.083	51.308	43.717	632.200	5226.817	
Anomaly	MLOS		16	0.70	05:35	E	24.192	19.525	51.308	43.717	43.750	683.508	5183.100	
Anomaly	MLOS		33	0.90	06:00	E	32.175	11.542	51.308	43.717	43.750	683.508	5183.100	
Cluster	MLOS		16	1.10	05:30	E	33.283	10.433	51.308	43.717	43.750	683 508	5183.100	
Anomaly	MLOS		23	0.70	05.50	E	41.258	2.458	51.308	43.717	43.750	683.508	5183.100	
Anomaly	MLOS		18	0.70	06:20	E	10.858	23.308	43.750	34.167	45.017	770 975	5105.183	
Cluster	MLOS		15	2.40	05:50	E	24 533	22.933	49.992	47.467	47.725	1055.950	4806.908	
Anomaly	MLOS		15	1.00	05:50	E	3.875	44.725	47.725	48.600	48.708	1151.142	4710.583	
Anomaly	MLOS		23	0.80	04:30	E	17.325	31.275	47.725	48.600	48.708	1151.142	4710 583	
Anomaly	MLOS		15	1.40	06:30	E	21.450	27.150	47.725	48.600	48.708	1151.142	4710.583	
Cluster	MLOS		15	0.60	01:20	E	22.558	26.042	47.725	48 600	48.708	1151.142	4710.583	
Anomaly	MLOS		20	0.70	06:20	E	20.275	28.433	48.600	48 708	42.242	1199.742	4661.875	
Anomaly	MLOS		30	0.70	11:40	I	45.333	3.250	50.992	48.583	50.217	1713.750	4147.992	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:50	E	28.958	16.375	44.017	45.333	44.475	1987.275	3877.717	Metal In Close Proximity
NCA	NCA			0.00	10:55	E	26.825	19.600	44.475	46.425	40.592	2077.083	3786.817	Metal In Close Proximity
NCA	NCA			0.00	06:20	E	12.575	35.967	45.708	48 542	48.242	2352.900	3508.883	Metal In Close Proximity
NCA	NCA			0.00	06:45	E	14.375	34.167	45.708	48.542	48 242	2352.900	3508.883	Metal In Close Proximity
NCA	NCA			0 00	04:30	E	25.233	19.658	43.767	44.892	49 400	3363.025	2502.408	Mill Anomaly
Cluster	MLOS		16	1.60	07:00	E	31.908	13.408	51.033	45.317	30.367	3934.483	1930.525	
NCA	NCA			0.00	12:15	I	34.367	10.308	46.592	44.675	47.833	5600.617	265.033	Mill Anomaly
Cluster	MLOS		16	2.80	05:30	E	35.950	8.725	46.592	44.675	47.833	5600.617	265.033	
Cluster	MLOS		17	2 20	06:10	E	36.483	8.192	46.592	44.675	47.833	5600.617	265.033	
Anomaly	MLOS		30	0.90	06:45	E	18.800	27.017	50.758	45.817	49 108	5743.883	120.625	
Cluster	MLOS		18	1.50	06:35	E	19.892	25.925	50.758	45.817	49.108	5743.883	120.625	
Anomaly	MLOS		15	0.90	06:00	E	23.017	22.800	50.758	45.817	49.108	5743.883	120.625	
NCA	NCA			0.00	02:10	E	43.850	5.258	45.817	49.108	39.317	5789.700	71.517	Metal In Close Proximity
Marker	AGM						24.675	26.050				5885.650	6345.008	AGM 14790+51 B.M. A280.33
Anomaly	MLOS		28	0.70	04:30	I	7.775	43.533	50.725	51.308	47.517	26.050	6293.700	

EMPCO-ARKGOV006722

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.60	06.00	E	14.967	34.058	45.533	49.025	50.158	170.408	6151.625	
Anomaly	MLOS		16	0.60	05:15	E	19.667	29.358	45 533	49.025	50.158	170.408	6151.625	
Anomaly	MLOS		21	1.00	06:00	E	48.833	0.192	45.533	49.025	50.158	170.408	6151.625	
NCA	NCA			0.00	05:35	E	23.375	24.083	46.608	47.458	47.217	1649.583	4674.017	Metal In Close Proximity
Anomaly	MLOS		15	0.60	08:10	E	24 117	23.633	47.217	47.750	44.650	1744.258	4579.050	
Anomaly	MLOS		18	0.40	07:40	E	25 333	22.417	47.217	47.750	44.650	1744.258	4579 050	
Cluster	MLOS		15	0.70	08:10	E	25.742	22.008	47.217	47.750	44.650	1744.258	4579.050	
Cluster	MLOS		19	2.00	05:05	E	39.725	7.542	42.200	47.267	50.383	2152.150	4171.642	
Cluster	MLOS		17	0.90	04:05	E	42.833	4.433	42 200	47.267	50.383	2152.150	4171.642	
Anomaly	MLOS		27	0.60	11:55	E	14.158	34 242	45.608	48 400	49 225	2342.875	3979.783	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	1.30	05:40	E	11.067	39.683	41.158	50.750	32.808	3559.675	2760.633	
Anomaly	MLOS		22	0.70	07:45	E	21.700	11.108	50.750	32.808	49.033	3610.425	2727.825	
Anomaly	MLOS		15	0.70	08:10	E	0.558	48.475	32 808	49.033	17.442	3643.233	2678.792	
Cluster	MLOS		16	3.30	04:40	E	14.317	36.383	46.142	50 700	47.700	3895.325	2425.033	
Anomaly	MLOS		16	1.30	04:25	E	14.817	35.883	46.142	50.700	47.700	3895.325	2425.033	
Anomaly	MLOS		18	0.50	05:50	I	2.117	44.767	42.033	46 883	46.383	5790.825	533.350	
Marker	AGM						7.617	42.367				6363.442	13084.733	AGM 14726+90 B.M. A279.12 (INS)
Anomaly	MLOS		22	0.80	07:20	E	15.050	35.750	49.350	50.800	45.658	2849.083	10227.217	
Anomaly	MLOS		16	0.50	06:20	E	35.517	13.283	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		19	1.30	05:50	E	36.058	12.742	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		15	0.30	08:10	I	36.700	12.100	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		18	1.30	05:30	E	37.158	11.642	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		23	0.40	05:35	E	38.317	10.483	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		19	1.30	05:40	E	38.775	10.025	44.700	48.800	45.817	3517.025	9561.275	
Anomaly	MLOS		18	0.90	06:10	E	9.042	20.533	49.017	29.575	45.942	4669.475	8428.050	
Anomaly	MLOS		16	0.60	07:30	E	4.150	40.225	47.125	44.375	50.167	6898.542	6184.183	
Anomaly	MLOS		22	0.30	05:00	U	0.017	38.525	50.242	38.542	49.025	7330.142	5758.417	Girth Weld Anomaly
NCA	NCA			0.00	12:30	E	34.775	15.942	45.508	50.717	9.450	7509.508	5566.875	Excess Metal
Anomaly	MLOS		16	1.30	06:35	I	2.792	40.033	49.267	42.825	37.567	7953.625	5130.650	
Cluster	MLOS		17	2.10	07:25	I	4.925	37.900	49.267	42.825	37.567	7953.625	5130.650	
Anomaly	MLOS		22	0.60	05:50	E	26.442	24.567	46.575	51.008	43.875	8559.292	4516.800	
Anomaly	MLOS		18	1.00	04:00	I	38.567	9.833	44.408	48.400	48.533	9311.108	3767.592	
Anomaly	MLOS		15	0.50	06:50	I	43.125	1.308	49.517	44.433	49.025	9457.558	3625.108	

EMPCO-ARKGOV006723

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.80	05:50	E	28.800	19 133	48.558	47.933	45.425	9840.425	3238 742	
Anomaly	MLOS		16	0.80	01:20	I	36.058	11.875	48.558	47.933	45.425	9840.425	3238.742	
Cluster	MLOS		16	2.00	06:00	E	16.050	25.008	49.558	41.058	49.467	10082.383	3003.658	
Anomaly	MLOS		15	0.50	05:25	E	16.892	24.167	49.558	41.058	49 467	10082.383	3003.658	
Anomaly	MLOS		22	1.00	08:00	I	9.933	38.667	48.958	48.600	32.617	10577.067	2501.433	
Anomaly	MLOS		21	0.70	07:50	E	11.183	35.642	45.025	46.825	47.867	12474.200	606.075	
Anomaly	MLOS		15	0.50	04:25	I	33.967	13.625	48.458	47.592	40.058	12711.900	367.608	
Anomaly	MLOS		18	0.80	05:45	E	1.433	44.192	44.683	45.625	40.100	13073.267	8 208	
Anomaly	MLOS		21	0.80	05:10	E	5 533	40.092	44.683	45.625	40.100	13073.267	8 208	
Marker	AGM						8.208	31.892				13118.892	4816.025	AGM 14595+27 B.M. A276 63
Anomaly	MLOS		18	0.70	07:55	E	37 258	9.150	44.275	46.408	46.983	923.517	3877.992	
Anomaly	MLOS		20	1 30	03:25	I	0 292	46.858	46.717	47 150	44.367	1339.392	3461.375	
Cluster	MLOS		17	1 10	05:05	E	36 408	6.983	13 825	43 392	43.367	2127.375	2677.150	
Anomaly	MLOS		16	0.30	07:10	I	44.558	1.450	43.367	46.008	25.850	2214.133	2587.775	
Anomaly	MLOS		15	1.00	05:45	I	41.700	1.200	45.492	42.900	45.533	2826.742	1978.275	
Anomaly	MLOS		19	0.70	04:30	E	9.933	38.450	37.792	48.383	47.983	4087.467	712.067	
Anomaly	MLOS		22	1.20	03:50	E	10.083	38.300	37.792	48.383	47.983	4087.467	712.067	
Marker	AGM						36.767	12.967				4811.150	6163.658	AGM 14546+81 B.M. A275.71 (INS)
NCA	NCA			0.00	08:45	I	41.250	5.617	48.025	46.867	31.158	192.875	5936.883	Mill Anomaly
Anomaly	MLOS		17	0.90	05:15	E	23.533	15 475	42.608	39.008	50.292	1665.333	4472.283	
Anomaly	MLOS		15	0.50	01:25	I	44.717	1.442	47.783	46.158	46.375	2351.517	3778.950	
Anomaly	MLOS		31	1 50	06:10	E	28.217	17.008	41 842	45.225	47.808	2810.525	3320.875	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	0 70	12:35	I	23 708	20.900	46.150	44 608	46.008	4110.225	2021.792	
Anomaly	MLOS		23	0.70	11:50	I	24.275	20.333	46.150	44.608	46.008	4110.225	2021.792	
Anomaly	MLOS		18	0.60	01:00	I	24.783	19.825	46.150	44.608	46.008	4110.225	2021.792	
Anomaly	MLOS		20	0.40	09:25	I	44.150	1.758	46.242	45.908	49.375	4666.625	1464.092	
Anomaly	MLOS		19	1.20	07:40	E	18.542	32.308	49.792	50.850	48.492	5931.525	194.250	
Marker	AGM						3.417	31.083				6173.208	6896.933	AGM 14484+40 B.M. A274.53
Anomaly	MLOS		32	1.50	12:40	I	3.517	26.308	34.500	29.825	43.383	31.083	6867.108	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	1.20	01:20	I	3.850	25.975	34.500	29 825	43.383	31.083	6867.108	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		20	0.80	02:05	I	12.325	37.800	49.967	50 125	50.117	270.008	6607.883	
Anomaly	MLOS		17	0.90	12:20	E	17.417	34.142	14.933	51.558	48.400	1221.225	5655 233	
Anomaly	MLOS		19	1.20	12:20	E	17.575	33.983	14.933	51.558	48.400	1221.225	5655 233	

EMPCO-ARKGOV006724

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0 40	06:25	I	44.850	1.100	43.550	45.950	47.975	1371.225	5510.842	
Anomaly	MLOS		21	1.20	05:55	E	15.317	26.700	50.092	42.017	45.925	2424.875	4461.125	
Anomaly	MLOS		25	0.70	06:25	E	30.017	12.000	50.092	42.017	45.925	2424.875	4461.125	
Anomaly	MLOS		20	0.70	06:25	E	37.000	5.017	50.092	42.017	45.925	2424.875	4461.125	
Anomaly	MLOS		15	0.90	05:35	E	41.450	4.475	42.017	45.925	47.092	2466.892	4415.200	
Anomaly	MLOS		27	0.70	06:10	E	21.217	24.600	40.050	45 817	44.617	2690.725	4191 475	
Cluster	MLOS		43	1.10	05:55	E	5.008	39.608	45.817	44.617	43.733	2736.542	4146.858	
Anomaly	MLOS		16	0.40	06:25	E	5.600	39.017	45.817	44.617	43.733	2736.542	4146.858	
Cluster	MLOS		32	3.70	05:40	E	5.700	38.917	45.817	44.617	43.733	2736.542	4146.858	
Anomaly	MLOS		16	0.50	05:50	E	8.708	35.908	45.817	44.617	43.733	2736.542	4146 858	
Cluster	MLOS		13	0.60	05:40	E	9.100	35.517	45.817	44.617	43.733	2736.542	4146.858	
Cluster	MLOS		19	2.30	05:50	E	9.275	35.342	45 817	44.617	43.733	2736.542	4146.858	
Anomaly	MLOS		15	0.70	05:50	E	32.475	11.817	43.733	44.292	32.925	2824.892	4058.833	
Anomaly	MLOS		27	0.80	05:35	E	28.983	17.025	45.133	46.008	45.200	3125.458	3756.550	
Anomaly	MLOS		16	0.70	05:45	E	8.792	37.325	47.425	46.117	49.758	4115.692	2766 208	
Anomaly	MLOS		15	1.10	07:35	I	36.925	9.192	47.425	46.117	49.758	4115.692	2766.208	
Anomaly	MLOS		18	0.70	06:50	E	15.550	33.425	50 442	48.975	46.283	4969.942	1909.100	
Anomaly	MLOS		15	0.50	06:50	E	39.875	10.525	46.283	50.400	39.700	5065.200	1812.417	
Anomaly	MLOS		23	0.90	11:45	E	29.975	17.308	48.383	47.283	48.325	5836.350	1044.383	
Anomaly	MLOS		15	1.30	09:15	I	31.300	16.650	50.050	47.950	44.133	6114.700	765.367	
Anomaly	MLOS		18	0.70	04:55	E	11.842	38.808	49.350	50.650	46.658	6299.067	578.300	
Anomaly	MLOS		24	0.60	04:25	E	18.408	28.250	50.650	46 658	45.917	6349.717	531.642	
Anomaly	MLOS		23	0.80	04:25	E	18.658	28.000	50.650	46.658	45.917	6349.717	531.642	
Anomaly	MLOS		17	0.80	04:00	E	23.125	23.533	50.650	46.658	45.917	6349.717	531.642	
Anomaly	MLOS		20	0.90	04:15	E	23.467	23.192	50.650	46.658	45.917	6349.717	531.642	
Anomaly	MLOS		15	0.40	06:10	E	40.675	8.525	46.183	49.200	48 217	6534.683	344.133	
Cluster	MLOS		15	4 30	04:55	E	35.858	9.917	50.933	45.775	48 342	6827.450	54 792	
Cluster	MLOS		15	3.30	04:30	E	36.742	9.033	50.933	45.775	48.342	6827.450	54.792	
Anomaly	MLOS		17	0.60	03:15	I	21.517	26 825	45.775	48.342	46 492	6873.225	6 450	
Marker	AGM						6.450	40.042				6921.567	6289.850	AGM 14415+02 B.M. A273.21
Anomaly	MLOS		21	0.80	04:20	E	8.583	41.342	44.425	49.925	43.350	185.908	6094.058	
Anomaly	MLOS		18	0.50	07:15	E	10.925	39.000	44.425	49.925	43.350	185.908	6094.058	
Anomaly	MLOS		16	0.90	07:25	E	43.750	6.175	44.425	49.925	43.350	185.908	6094.058	

EMPCO-ARKGOV006725

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.00	07:30	E	7.992	35.358	49.925	43.350	49.758	235.833	6050.708	
Cluster	MLOS		15	0.80	07:05	E	24.242	19.108	49.925	43 350	49.758	235.833	6050.708	
Anomaly	MLOS		15	1.10	06:50	E	25.392	17.958	49.925	43 350	49.758	235.833	6050.708	
Anomaly	MLOS		19	0.80	06:50	E	6.250	40.417	49.758	46 667	45.217	328.942	5954.283	
Anomaly	MLOS		16	0.80	07:05	E	29.408	19.867	47.800	49.275	49.942	1022.683	5257.933	
Anomaly	MLOS		17	0 60	07:00	E	29.692	19.583	47.800	49.275	49.942	1022.683	5257.933	
Anomaly	MLOS		15	0 50	06:45	E	39.800	10.142	49.275	49.942	51.108	1071.958	5207.992	
Anomaly	MLOS		15	2.30	08:05	E	10.983	33.858	42.967	44.842	45.342	1596.683	4688.367	Poss Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		17	0.80	04:10	I	30.742	13.467	49.883	44.208	45.017	4420.933	1864.750	
Anomaly	MLOS		15	0.80	07:50	I	33.083	11.125	49.883	44.208	45.017	4420.933	1864.750	
Cluster	MLOS		19	1.20	05:45	E	40.008	3.200	49.700	43.208	36.667	5091.358	1195.325	
Marker	AGM						36.992	8.858				6292.900	6658.317	AGM 14352+51 B.M. A272.03 (INS)
Anomaly	MLOS		16	0.40	01:50	I	15.350	21.458	46.625	36.808	49.467	1062.667	5567.700	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.50	02:30	I	26.392	10 417	46.625	36.808	49.467	1062.667	5567.700	Possible Non-Corrosion Anomaly
Anomaly	MLOS		30	0 80	07:30	I	47.675	0.833	49.325	48.508	47.233	2131.692	4486.975	
Cluster	MLOS		21	2 10	11:20	E	11.117	8.683	45.233	19.800	16.358	5446.450	1200.925	
Anomaly	MLOS		20	0.70	10:45	E	12.775	7.025	45.233	19.800	16.358	5446.450	1200.925	
Anomaly	MLOS		16	1.60	11:30	E	12.783	7.017	45.233	19.800	16.358	5446.450	1200.925	
NCA	NCA			0.00	11:45	E	44.192	0.850	48.817	45 042	48.492	6515.450	106.683	Metal In Close Proximity
Marker	AGM						10.842	38.300				6656.333	4492.983	AGM 14285+65 B.M. A270.76
Cluster	MLOS		18	2.70	04:20	E	39.825	9.450	48.617	49.275	46.542	183.367	4298.642	
Cluster	MLOS		19	5.20	04:55	E	40.558	8.717	48.617	49.275	46.542	183.367	4298.642	
Anomaly	MLOS		23	1.20	04:35	E	41.900	7.375	48.617	49.275	46.542	183.367	4298 642	
Anomaly	MLOS		18	0.80	03:45	E	1.225	45.317	49.275	46.542	49.250	232.642	4252.100	
Anomaly	MLOS		16	0.70	03:45	E	1.433	45.108	49.275	46.542	49.250	232.642	4252.100	
Anomaly	MLOS		15	1.00	04:00	E	42.308	7.867	49.250	50.175	48.408	328 433	4152.675	
Anomaly	MLOS		21	1 70	12:25	I	12.575	36 792	48.917	49 367	48.475	571.183	3910.733	
Anomaly	MLOS		22	0.90	10:10	E	21.342	23.483	47.200	44.825	46.392	958.242	3528.217	
Anomaly	MLOS		15	0.60	09:10	I	39.617	8.700	49.875	48.317	46.325	2051.808	2431.158	
Anomaly	MLOS		27	0 90	06:20	E	2.300	45.750	45 792	48.050	41.450	2976.717	1506.517	
NCA	NCA			0 00	02:45	E	23.217	24.317	48.317	47.533	14.933	3457.567	1026.183	Metal In Close Proximity
NCA	NCA			0.00	05:35	E	1.608	47.017	14.933	48 625	49.142	3520.033	962.625	Metal In Close Proximity
Cluster	MLOS		17	2.20	05:10	E	27.667	6.117	49.267	33 783	49.883	3711.458	786.042	

EMPCO-ARKGOV006726

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.50	01:20	E	4.867	42 858	47.100	47.725	47.433	4285.742	197.817	
Anomaly	MLOS		18	0.50	05:30	E	28.733	18.992	47.100	47 725	47.433	4285.742	197.817	
Marker	VALV						2 667	2.642				4528.617	97.958	Valve N.H.G. 14239+84 B.M. V269.69
Marker	VALV						2.850	2.542				97.750	9250.400	Valve B.V. #1 S.H.G. 14238+82 B.M. V269.67
NCA	NCA			0.00	11:50	E	32.858	13.275	49.375	46.133	48.708	1555.225	7651.583	Excess Metal
NCA	NCA			0 00	11:50	E	33.550	12.583	49.375	46 133	48.708	1555.225	7651.583	Excess Metal
Anomaly	MLOS		16	1.00	06:20	E	35 308	11.883	48.708	47.192	48.333	1650.067	7555.683	
Anomaly	MLOS		17	0.40	03:40	I	49.050	0.575	48.333	49.625	47.575	1745.592	7457.725	
Anomaly	MLOS		28	0.60	05:10	E	20.450	29.217	49.825	49.667	48.067	3207.183	5996.092	
Anomaly	MLOS		18	0.50	06:05	E	20 400	23.083	48.067	43 483	48.617	3304.917	5904 542	
Anomaly	MLOS		18	0.80	06.05	E	21.975	26.833	48.617	48.808	48.092	3397.017	5807.117	
Anomaly	MLOS		19	0.70	06:50	E	27.667	21.142	48.617	48.808	48.092	3397.017	5807.117	
Anomaly	MLOS		16	0.70	05:20	E	29.592	19.217	48.617	48.808	48.092	3397.017	5807.117	
Anomaly	MLOS		17	1.00	06:20	E	9.675	38.833	46.467	48.508	47.925	3540.383	5664.050	
Cluster	MLOS		26	3.50	06:15	E	5.850	21.192	50 342	27.042	48.608	3820.083	5405 817	
Anomaly	MLOS		18	0.50	06:40	E	6.342	20.700	50 342	27.042	48.608	3820.083	5405.817	
Anomaly	MLOS		17	0.90	06:50	E	7.608	19.433	50.342	27.042	48.608	3820.083	5405.817	
Anomaly	MLOS		17	0.70	05:15	E	8.875	18.167	50.342	27.042	48.608	3820.083	5405.817	
Cluster	MLOS		25	1.10	05:50	E	10.458	16.583	50.342	27.042	48.608	3820.083	5405.817	
Anomaly	MLOS		19	0 70	06:00	E	16.908	10.133	50.342	27.042	48.608	3820.083	5405.817	
Anomaly	MLOS		18	0.60	05:55	E	10.475	38.075	48.608	48.550	47.917	3895.733	5308.658	
Anomaly	MLOS		16	0.70	06:20	E	45.217	3.442	44.675	48.658	45.083	5458.392	3745.892	
Cluster	MLOS		20	1.80	05:10	E	14.475	33.933	49.433	48.408	46.133	6073.100	3131.433	
Cluster	MLOS		22	1.70	04:55	E	20.500	27.908	49.433	48.408	46.133	6073.100	3131.433	
Anomaly	MLOS		20	1.10	06:20	E	22.725	25.683	49.433	48.408	46.133	6073.100	3131.433	
Cluster	MLOS		12	1.90	05:50	E	22.992	25.417	49.433	48.408	46.133	6073.100	3131.433	
Cluster	MLOS		18	1.60	06:20	E	27.733	20.675	49.433	48.408	46.133	6073.100	3131.433	
Anomaly	MLOS		17	0.90	05:15	E	18 633	27.500	48.408	46.133	46.600	6121.508	3085.300	
Anomaly	MLOS		16	0.90	05:15	E	19.100	27.033	48.408	46.133	46.600	6121.508	3085.300	
Anomaly	MLOS		17	1.10	05:55	E	19.183	26.950	48.408	46.133	46.600	6121.508	3085.300	
Anomaly	MLOS		28	0.90	05:15	E	19 408	26.725	48.408	46.133	46.600	6121.508	3085.300	
Cluster	MLOS		21	2.60	05:20	E	19.633	26.500	48.408	46.133	46.600	6121.508	3085 300	
Cluster	MLOS		17	0.80	11:15	I	30.792	17.175	46.683	47.967	35.683	6499.617	2705.358	

EMPCO-ARKGOV006727

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	28	0.60	05:40	E	32.983	14.942	48.258	47 925	49.567	6943.175	2261.842	
Anomaly	MLOS		17	0.70	06:55	E	23.333	21.400	47 267	44.733	47.933	7887.350	1320.858	
NCA	NCA			0.00	06:30	E	18.600	27.367	49 467	45.967	42.433	8324.017	882.958	Metal In Close Proximity
Marker	AGM						32.242	18.025				9220.700	4631.717	AGM 14147+38 B.M. A268.15 (INS)
NCA	NCA			0.00	08:40	I	19 258	30.242	42.642	49.500	47.667	60.667	4539.575	Mill Anomaly
Anomaly	MLOS		16	1.40	06:00	E	26.858	19.583	47 867	46.442	47.292	299.508	4303.792	
Anomaly	MLOS		16	0.60	07:45	I	1.092	46.900	49 958	47.992	46.642	637.325	3964.425	
Anomaly	MLOS		15	0.60	05:30	E	37.925	10.067	49.958	47.992	46.642	637.325	3964.425	
Anomaly	MLOS		18	0.50	07:10	E	18.575	28.067	47.992	46 642	29.625	685.317	3917.783	
Anomaly	MLOS		17	0.70	05:10	E	29.600	17.042	47 992	46.642	29.625	685.317	3917.783	
Anomaly	MLOS		18	0.70	05:30	E	27.617	2.008	46.642	29 625	44.875	731.958	3888.158	
Anomaly	MLOS		21	0.70	06:40	E	28.050	1.575	46.642	29.625	44.875	731.958	3888.158	
Anomaly	MLOS		17	0.70	05:30	E	28.325	1.300	46.642	29.625	44.875	731.958	3888.158	
Anomaly	MLOS		19	0.60	06:40	E	0.517	44.358	29.625	44.875	19 317	761.583	3843.283	
Anomaly	MLOS		44	0.90	05:35	E	1.317	43.558	29.625	44 875	19.317	761.583	3843.283	
Anomaly	MLOS		20	0 80	06:25	E	2.350	42.525	29.625	44 875	19.317	761.583	3843.283	
Cluster	MLOS		16	2.30	06:25	E	2.950	41 925	29.625	44.875	19.317	761.583	3843.283	
Cluster	MLOS		20	2.00	06:30	E	3.150	41.725	29.625	44.875	19.317	761.583	3843.283	
Cluster	MLOS		21	2.30	06:20	E	3 558	41.317	29 625	44.875	19.317	761.583	3843.283	
Anomaly	MLOS		16	0.30	05:50	E	12.133	32.742	29.625	44.875	19.317	761.583	3843.283	
Cluster	MLOS		26	1.30	05:40	E	33.067	11.808	29.625	44.875	19.317	761.583	3843.283	
Anomaly	MLOS		15	0.50	06:00	E	33.967	10.908	29.625	44.875	19.317	761.583	3843 283	
Cluster	MLOS		12	2.40	05:20	E	34.200	10.675	29.625	44.875	19 317	761.583	3843 283	
Cluster	MLOS		16	2.60	05:20	E	34.758	10.117	29.625	44.875	19.317	761.583	3843.283	
Anomaly	MLOS		16	1.00	04:40	E	38.175	6.700	29.625	44.875	19.317	761.583	3843.283	
Anomaly	MLOS		22	0.60	05:50	E	39.433	5.442	29.625	44.875	19.317	761.583	3843.283	
Cluster	MLOS		17	1.70	05:40	E	1.408	17.908	44.875	19.317	46.492	806.458	3823.967	
Anomaly	MLOS		28	0 70	05:40	E	6 900	42.067	50.350	48.967	17.000	962.333	3638.442	
Anomaly	MLOS		22	0.70	05:30	E	1.508	48.375	17.000	49 883	31.742	1028.300	3571.558	
Anomaly	MLOS		18	0.70	06:05	E	43.400	4.758	31.742	48 158	48.575	1109.925	3491.658	
Anomaly	MLOS		19	0.60	05:55	E	33.308	15 267	48.158	48.575	48.317	1158.083	3443.083	
Anomaly	MLOS		18	0.60	06:25	E	6.000	40.892	48.317	46.892	48.308	1254.975	3347.875	
Anomaly	MLOS		22	0.60	05:35	E	9.658	38.650	46.892	48.308	47.158	1301.867	3299.567	

EMPCO-ARKGOV006728

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.60	06:15	E	19.800	28.508	46.892	48 308	47 158	1301.867	3299.567	
Anomaly	MLOS		19	0.80	06:00	E	39.458	7.700	48.308	47.158	48.283	1350.175	3252.408	
Anomaly	MLOS		16	0.60	06:35	E	7.008	36.667	48.008	43.675	48.683	3686.692	919.375	
Anomaly	MLOS		19	1.00	02:40	E	30.517	21.225	49.908	51.742	49.967	4035.258	562.742	
Cluster	MLOS		15	1.30	08:00	E	1 067	50.008	48.942	51.075	49.683	4327.242	271.425	
Anomaly	MLOS		15	1.00	03:15	E	32.958	18.117	48.942	51.075	49.683	4327.242	271.425	
Anomaly	MLOS		15	0.60	03:10	E	34.792	16.283	48.942	51.075	49 683	4327.242	271.425	
Marker	AGM						13.417	31.050				4636.325	4369.408	AGM 14100+05 B.M. A267.25
NCA	NCA			0.00	12:00	E	29.483	20 408	44.467	49.892	50.042	31.050	4319.517	Metal In Close Proximity
Anomaly	MLOS		17	1.10	06:00	E	17.550	28.533	48.833	46.083	46.983	510.217	3844.158	
Anomaly	MLOS		16	1.40	06:15	E	23.500	23.833	42.167	47 333	48.392	993.167	3359.958	
NCA	NCA			0.00	12:00	E	8.517	41.508	46.567	50.025	47.025	1135.458	3214.975	Metal In Close Proximity
Anomaly	MLOS		19	0.60	07:50	E	42.367	8.217	47.025	50.583	34.142	1232.508	3117.367	
NCA	NCA			0.00	11:00	E	22.992	24.050	34.142	47.042	49.292	1317.233	3036.183	Metal In Close Proximity
Anomaly	MLOS		15	0.60	07:50	E	21.050	28.242	48 367	49.292	48.850	2347.258	2003.908	
Anomaly	MLOS		17	1 70	06:30	E	4.200	39.250	21.217	43.450	50.117	4296.058	60.950	
Marker	AGM						10.833	14.867				4389.625	6658.483	AGM 14055+98 B.M. A266.41
NCA	NCA			0.00	12:00	E	12.992	12.708	50.117	25.700	48.017	-10.833	6658.483	Metal In Close Proximity
Cluster	MLOS		17	4.40	06:00	E	12.342	35.108	49 192	47.450	44.650	362.025	6263.875	
Anomaly	MLOS		17	1.80	06:00	E	12.925	34.525	49.192	47.450	44.650	362.025	6263.875	
Cluster	MLOS		19	2.60	06:05	E	43.067	6.483	46.142	49.550	48.675	1445.767	5178.033	
Anomaly	MLOS		16	0.50	05:45	E	47.383	2.167	46 142	49.550	48.675	1445.767	5178.033	
Anomaly	MLOS		17	0.60	07:10	E	12.267	36.408	49 550	48.675	50.333	1495.317	5129.358	
Anomaly	MLOS		34	1.80	06:20	E	44.217	4.458	49.550	48.675	50.333	1495.317	5129.358	
Anomaly	MLOS		21	0.80	09:00	E	7.333	42.117	33.742	49.450	46.608	1628.067	4995.833	
Anomaly	MLOS		16	0.60	06:20	E	25.433	24.017	33.742	49.450	46.608	1628.067	4995.833	
Anomaly	MLOS		17	1.00	05:15	E	41.025	9.308	49.042	50.333	47.333	1821.158	4801.858	
Cluster	MLOS		17	3.40	06:00	E	38.433	7.517	47.008	45.950	47.233	1965.833	4661.567	
Cluster	MLOS		18	1.90	05:30	E	41.233	3.442	48 425	44.675	49.275	2327.683	4300.992	
Anomaly	MLOS		19	0.90	06:10	E	42.217	2.458	48 425	44.675	49.275	2327.683	4300.992	
Anomaly	MLOS		17	1.00	12:55	I	10.200	39.958	44.617	50.158	45.850	4210.367	2412.825	
Anomaly	MLOS		19	0.80	11:50	I	39.617	7.675	47.192	47.292	46.892	4353.567	2272.492	
Anomaly	MLOS		37	0.80	05:35	E	17.342	30.508	35.725	47.850	47.192	4735.550	1889.950	

EMPCO-ARKGOV006729

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	20	1.10	04.10	E	23.283	24.567	35 725	47.850	47 192	4735.550	1889.950	
Anomaly	MLOS		16	0.60	02:10	E	45.775	2.075	35.725	47 850	47.192	4735.550	1889.950	
Anomaly	MLOS		17	0.70	05:15	E	2 092	44.200	47.192	46 292	30.733	4830.592	1796.467	
Cluster	MLOS		24	2.60	06:00	E	11.425	34.867	47.192	46.292	30.733	4830.592	1796.467	
Cluster	MLOS		20	1.50	06.15	E	39.483	6.808	47.192	46 292	30.733	4830.592	1796.467	
Anomaly	MLOS		16	1.10	05.15	E	48.850	1.358	30.733	50 208	47.775	4907.617	1715.525	
Anomaly	MLOS		18	0.60	10:30	E	8.642	39.133	50.208	47.775	46.517	4957.825	1667.750	
Anomaly	MLOS		16	0.50	06:00	E	42.683	5.092	50.208	47.775	46.517	4957.825	1667.750	
Anomaly	MLOS		18	1.80	06:40	E	6.100	43.083	46.892	49.183	45.483	5482.700	1141.467	
Anomaly	MLOS		16	0.90	06.05	E	44.533	6.175	45.483	50 708	15.333	5577.367	1045.275	
Anomaly	MLOS		26	0.70	10.40	E	16.375	33 625	45.708	50.000	47.367	5932.825	690.525	
Anomaly	MLOS		24	0.50	01:00	E	33.400	13 967	50.000	47 367	49.717	5982.825	643.158	
Anomaly	MLOS		16	0.60	01:45	E	41.308	6.058	50.000	47 367	49.717	5982.825	643.158	
Anomaly	MLOS		42	0.90	10:35	E	45.017	2.350	50 000	47.367	49.717	5982.825	643.158	
Anomaly	MLOS		22	0.50	10:30	I	47 542	2.350	46.208	49.892	50.117	6602.717	20.742	
NCA	NCA			0.00	11:05	E	9 292	40.825	49.892	50.117	49.700	6652.608	-29.375	Metal In Close Proximity
Marker	AGM						20.742	29.375				6652.608	4451.883	AGM 13989+60 B.M. A265.16 (INS)
Anomaly	MLOS		26	1.30	05:30	E	9.925	37.825	47.608	47 750	47.733	886 358	3547.150	
Anomaly	MLOS		17	1.30	06:00	E	15.000	32.750	47.608	47.750	47.733	886.358	3547.150	
Cluster	MLOS		20	2.80	12:00	E	16.192	31.542	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		18	0.60	12:15	E	17.275	30.458	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		20	3.80	12:00	E	17.825	29.908	47.750	47 733	24.808	934 108	3499.417	
Anomaly	MLOS		18	1.70	12:15	E	20.075	27 658	47.750	47 733	24.808	934 108	3499.417	
Cluster	MLOS		24	3.10	11:50	E	22 992	24.742	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		25	2.10	12:00	E	24.208	23.525	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		18	1.30	10:50	E	24.808	22.925	47.750	47.733	24.808	934.108	3499 417	
Anomaly	MLOS		20	1.80	12:00	E	25.475	22.258	47.750	47.733	24.808	934.108	3499 417	
Anomaly	MLOS		15	1.00	01:40	E	26.025	21.708	47 750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		22	3.10	11:45	E	26.075	21.658	47.750	47.733	24 808	934.108	3499.417	
Cluster	MLOS		17	4.20	10:40	E	26 458	21.275	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		17	0.60	10:45	E	26.958	20.775	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		17	0.60	01:25	E	27.400	20 333	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		18	11.50	12:00	E	27.825	19 908	47.750	47.733	24.808	934.108	3499 417	

EMPCO-ARKGOV006730

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	24	5.50	12:00	E	28.275	19.458	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		17	1.70	11:40	E	28.742	18.992	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		24	2.00	12:35	E	28.950	18 783	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		18	5.10	12:00	E	29 408	18.325	47.750	47.733	24.808	934.108	3499 417	
Cluster	MLOS		16	2.70	12:00	E	30.042	17.692	47.750	47 733	24.808	934.108	3499.417	
Cluster	MLOS		23	1.30	11:40	E	30.475	17.258	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		32	10.30	12:00	E	31.175	16.558	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		12	1.90	11:30	E	31.742	15.992	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		16	0 80	11:55	E	32.042	15.692	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		13	1.50	11:45	E	32.258	15 475	47.750	47 733	24.808	934.108	3499.417	
Cluster	MLOS		36	4.40	12:25	E	32.608	15.125	47.750	47.733	24 808	934.108	3499.417	
Cluster	MLOS		15	2.10	11:25	E	33.008	14.725	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		11	1 70	12:00	E	33.208	14.525	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		31	0.90	11:45	E	33.617	14.117	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		15	0.90	11:20	E	33.875	13.858	47.750	47.733	24.808	934.108	3499 417	
Cluster	MLOS		16	2.10	11:45	E	36.267	11.467	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		12	5.20	12:20	E	36.433	11.300	47.750	47.733	24.808	934.108	3499.417	
Cluster	MLOS		11	2.50	12:45	E	37.142	10.592	47.750	47.733	24.808	934.108	3499.417	
Anomaly	MLOS		15	0.90	07:40	E	25.883	21.617	24.808	47.500	49.083	1006.650	3427.108	
Anomaly	MLOS		15	0.70	02:45	I	14.775	33.633	47.933	48.408	48.792	1733.408	2699.442	
Anomaly	MLOS		15	0.50	06:30	E	44.083	4.450	47.692	48.533	49.933	3428.267	1004.458	
Anomaly	MLOS		19	0.60	12:40	I	19.200	30.292	49.933	49.492	46.383	3526.733	905.033	
Marker	AGM						46.225	1.117				4435.033	7968.725	AGM 13944+44 B.M. A264.30
Anomaly	MLOS		16	0.70	01:35	I	15.192	33.542	49.017	48.733	47.625	143.700	7777.408	
Anomaly	MLOS		15	0.60	02:10	I	26.008	21.617	48.733	47.625	50.000	192.433	7729.783	
Anomaly	MLOS		17	0.70	10:10	E	0.700	49.292	45.850	49.992	45.200	1020.408	6899.442	
Anomaly	MLOS		17	0.80	06:10	E	14.117	35.875	45.850	49.992	45.200	1020.408	6899.442	
Anomaly	MLOS		15	0.90	07:10	E	14.933	35.058	45.850	49.992	45.200	1020.408	6899.442	
Cluster	MLOS		29	3.00	05:45	E	27.658	20.450	49.600	48.108	48 108	1313.808	6607.925	
Cluster	MLOS		16	2.80	05:50	E	28.842	19.267	49.600	48.108	48.108	1313.808	6607.925	
Anomaly	MLOS		16	1.80	06:50	E	7.683	38.700	49.808	46.383	28.475	1795.942	6127.517	
Anomaly	MLOS		28	1.60	12:55	I	4.042	41.225	45.367	45.267	48.125	1916.167	6008.408	
Anomaly	MLOS		24	1.90	07:00	E	15.108	30.125	48.125	45.233	50.200	2009.558	5915.050	

EMPCO-ARKGOV006731

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	16	3.90	06:25	E	29 742	18.150	50.725	47.892	49.575	2155.717	5766.233	
Anomaly	MLOS		16	0.60	12:40	E	1.075	48.608	47.825	49.683	43.950	4294.158	3626.000	
Anomaly	MLOS		18	0.60	05:10	E	19.675	30.008	47.825	49 683	43.950	4294.158	3626.000	
Anomaly	MLOS		16	0 70	05.40	E	20.183	29.500	47.825	49.683	43.950	4294.158	3626.000	
Anomaly	MLOS		22	0.60	07.10	E	14.500	34.425	43.950	48.925	46.708	4387.792	3533 125	
Anomaly	MLOS		15	1.00	05:40	E	39.417	6.083	46.708	45.500	45.308	4483.425	3440.917	
Anomaly	MLOS		24	0.70	06.15	E	40.100	5.400	46.708	45.500	45 308	4483.425	3440.917	
Anomaly	MLOS		21	2.30	05.50	E	10.200	40.100	45.792	50.300	46.092	5099.900	2819.642	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						31.150	16.317				7938.692	8262.367	AGM 13864+59 B.M. A262 79
Anomaly	MLOS		19	0 50	08.50	I	17.658	25.675	47.983	43.333	48.100	450.292	7785.058	
Cluster	MLOS		10	5 00	05:30	E	27.142	21.417	48.642	48.558	47.192	2422.892	5807.233	
Anomaly	MLOS		17	1.00	04:50	E	27.442	21.117	48.642	48.558	47.192	2422.892	5807.233	
Anomaly	MLOS		21	0.60	01:20	I	9.650	30 625	49.392	40.275	42.208	2568.033	5670.375	
Anomaly	MLOS		23	0.50	12:30	E	32.600	16.142	46.325	48.742	47.050	3771.975	4457.967	
Anomaly	MLOS		23	0.50	08:55	I	44.183	2.250	44.250	46.433	37.333	5266.200	2966 050	
Cluster	MLOS		25	3.10	06:45	E	19.858	29.958	45.042	49.817	45.308	5530.008	2698.858	
Anomaly	MLOS		15	0 90	06:50	E	21.433	28.383	45.042	49.817	45.308	5530.008	2698.858	
Anomaly	MLOS		23	0.50	12:00	I	9.550	36.267	44.658	45.817	45.250	5809.492	2423.375	
Anomaly	MLOS		23	1.10	04:40	I	21.517	18.458	48.067	39.975	45.750	6226.467	2012.242	
Anomaly	MLOS		16	1.70	06:25	E	8.992	37 042	39.117	46.033	45.517	6948.833	1283.817	
Marker	AGM						10.500	2.042				8268.183	5585.750	AGM 13781+83 B.M. A261.22 (INS)
Anomaly	MLOS		27	0.70	11:10	E	0.708	42.417	32.858	43.125	45.842	34.900	5509 767	
Anomaly	MLOS		21	0.60	01:35	E	7.125	36.000	32.858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		17	0.80	10:25	E	8 267	34 858	32.858	43 125	45.842	34.900	5509.767	
Anomaly	MLOS		17	0.60	10:20	E	11.250	31.875	32.858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		35	0.70	10:20	E	12.150	30.975	32.858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		19	1 00	01:15	E	12.267	30.858	32.858	43.125	45.842	34.900	5509.767	
Cluster	MLOS		32	2 20	01:25	E	12.983	30.142	32.858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		17	1.10	01:35	E	13.458	29.667	32.858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		43	1.10	01:15	E	14.133	28.992	32.858	43.125	45 842	34.900	5509.767	
Anomaly	MLOS		35	0.80	01:15	E	14.567	28.558	32 858	43.125	45.842	34.900	5509.767	
Anomaly	MLOS		18	1.40	12:30	I	11.467	35.392	45.983	46.858	45.092	321.542	5219.392	
Anomaly	MLOS		18	0.80	05:35	E	31.983	12.817	48 567	44.800	44.333	2483.317	3059.675	

EMPCO-ARKGOV006732

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.70	06:20	E	41 892	2.658	47.292	44.550	48.283	2850.342	2692 900	
Anomaly	MLOS		15	0.90	06:00	E	2.925	30.858	45.992	33.783	44.875	3617.125	1936.883	
Cluster	MLOS		19	1.30	06:15	E	17.592	20.075	44 975	37.667	45.783	4959.875	590.250	
Anomaly	MLOS		20	0.50	05:15	E	25.842	18.683	44.450	44.525	36.842	5133.408	409.858	
NCA	NCA			0.00	01:00	E	37.000	7.525	44.450	44.525	36.842	5133.408	409.858	Metal In Close Proximity
NCA	NCA			0.00	12:30	E	2.842	34.000	44 525	36.842	43.992	5177.933	373.017	Metal In Close Proximity
NCA	NCA			0.00	11:45	E	13.783	23.058	44.525	36.842	43 992	5177.933	373.017	Metal In Close Proximity
NCA	NCA			0 00	11:30	E	16.683	28.858	44.542	45.542	46.358	5570.925	-28.675	Metal In Close Proximity
Marker	AGM						16.867	28.675				5570.925	6202 792	AGM 13725+93 B.M. A260.16
Anomaly	MLOS		23	0.80	05:40	I	11 325	9.258	48 650	20.583	49.542	2938.825	3272.058	
Anomaly	MLOS		45	1.30	07:45	E	13.200	31.992	48.967	45.192	47.417	3530.525	2655.750	
Anomaly	MLOS		15	0.70	10:00	I	40.008	6.017	46.317	46.025	49.650	5207.783	977.658	
Anomaly	MLOS		15	0.70	05:55	E	1.917	47.025	47.633	48.942	42.517	5869.375	313.150	
Marker	AGM						31 642	15.992				6199.825	4313.558	AGM 13663+41 B.M. A258.98
Anomaly	MLOS		18	0 70	12:30	I	13.217	35.742	47.392	48.958	49.142	347.625	3932.967	
Anomaly	MLOS		26	0.90	09:00	I	41.592	7.367	47.392	48.958	49.142	347.625	3932.967	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		24	0.50	05:15	E	2.417	45.058	50.367	47.475	47.308	906.083	3375.992	
Cluster	MLOS		11	0.90	06:40	E	2.858	44 617	50.367	47.475	47.308	906.083	3375.992	
Cluster	MLOS		18	0.90	05:55	E	2.933	44.542	50.367	47.475	47.308	906.083	3375.992	
Anomaly	MLOS		18	0.80	06:40	E	3.025	44.450	50.367	47.475	47.308	906.083	3375.992	
Anomaly	MLOS		22	0.70	06:40	E	3.208	44.267	50.367	47.475	47.308	906.083	3375.992	
Anomaly	MLOS		19	0.80	01:15	I	32.500	14 808	47.475	47.308	42 967	953 558	3328.683	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	12:00	E	39.842	7.467	47.475	47.308	42 967	953.558	3328.683	Metal In Close Proximity
Anomaly	MLOS		15	1.50	09:20	I	1.200	46.658	46.125	47.858	48.092	2428.150	1853.542	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		22	2.50	07:40	E	36.592	12.075	48.867	48.667	47.125	3804.367	476.517	
Cluster	MLOS		16	4.70	07:05	E	38.075	10.592	48 867	48.667	47.125	3804.367	476.517	
Marker	VALV						2.433	2.233				4327.117	2432.525	Valve B.V. # G32 13620+16 B.M. V258.16
Anomaly	MLOS		39	0.50	01:35	I	0.417	36.867	23.633	37.283	33.525	1137.025	1260.450	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	02:10	E	2.750	46.667	40.200	49.417	43.450	2019.617	365.725	Metal In Close Proximity
NCA	NCA			0.00	02:20	E	7.150	42.267	40.200	49.417	43.450	2019.617	365.725	Metal In Close Proximity
Marker	VALV						2.625	2.175				2432.133	4541.383	Valve B.V. # G33 13595+96 B.M. V257.70
NCA	NCA			0.00	01:25	E	23.208	23.617	48.350	46.825	48.600	208.042	4288.692	Metal In Close Proximity
Anomaly	MLOS		21	1.00	01:20	E	1.033	48.242	49.508	49.275	49.650	1209.400	3284.883	Poss. Mill/Mechanical/Thinwall or Lamination

EMPCO-ARKGOV006733

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.60	11:30	I	35.717	10.642	48.475	46.358	50.075	3017.900	1479.300	
Marker	AGM						5.125	44.033				4538.433	4980.892	AGM 13549+23 B.M. A256.82
Anomaly	MLOS		16	0.50	04:40	E	25.067	22.583	44.758	47.650	43.967	681.242	4296.033	
Anomaly	MLOS		19	1.10	05:15	E	25.500	22.150	44.758	47.650	43.967	681.242	4296.033	
Anomaly	MLOS		24	1.20	06:00	E	25.858	21.792	44.758	47.650	43.967	681.242	4296.033	
Cluster	MLOS		18	6.10	01:05	E	22.800	23.875	43.817	46.675	50.833	816.675	4161.575	
Cluster	MLOS		17	0.90	06:10	E	34.950	11.725	43.817	46.675	50.833	816.675	4161.575	
Anomaly	MLOS		33	1.20	06:20	E	38.900	7.775	43.817	46.675	50.833	816.675	4161.575	
Anomaly	MLOS		22	0.90	05:35	E	8.025	40.967	50.833	48.992	47.958	914.183	4061.750	
Cluster	MLOS		22	2.50	05:50	E	10.383	38.608	50.833	48.992	47.958	914.183	4061.750	
Anomaly	MLOS		23	0.90	06:25	E	11.792	37.200	50.833	48.992	47.958	914.183	4061.750	
Cluster	MLOS		18	2.20	05:25	E	39.700	8.258	48.992	47.958	46.350	963.175	4013 792	
Anomaly	MLOS		23	1.20	10:00	I	13.667	34.267	47.075	47.933	42 350	2172.058	2804 933	
Anomaly	MLOS		22	1.60	04:20	E	16.783	31.342	48.075	48.125	24.358	2310.417	2666.383	
Anomaly	MLOS		17	0 60	04:00	E	27.192	20.933	48.075	48.125	24.358	2310.417	2666.383	
Cluster	MLOS		18	2 80	03:05	E	27.533	20.592	48.075	48.125	24.358	2310.417	2666.383	
Anomaly	MLOS		15	1.80	03:40	E	29.842	18.283	48.075	48.125	24.358	2310.417	2666.383	
Cluster	MLOS		15	0.90	08:45	E	47.658	0.467	48.075	48.125	24.358	2310.417	2666.383	
Anomaly	MLOS		15	0 60	06:35	I	26.458	18.517	48.433	44.975	47.767	3943.483	1036.467	
Anomaly	MLOS		15	0.60	05:00	I	35.725	9.250	48.433	44.975	47.767	3943.483	1036.467	
Anomaly	MLOS		19	0.50	06:00	I	39.758	5.217	48.433	44.975	47.767	3943.483	1036.467	
Marker	AGM						21.125	30.108				5003.800	7946.733	AGM 13499+98 B.M. A255.88 (INS)
Cluster	MLOS		22	1.20	12:55	I	4.892	46.725	3.208	51.617	46.150	368.533	7556.692	
Cluster	MLOS		27	2.20	01:35	I	5.058	46 558	3.208	51.617	46.150	368.533	7556.692	
Anomaly	MLOS		15	1.10	06:00	E	32 283	15 300	50.500	47.583	50.592	1185.175	6744.083	
NCA	NCA			0.00	05:35	E	9.208	19.342	47.325	28.550	45.025	1568.133	6380.158	Metal In Close Proximity
Anomaly	MLOS		25	1.40	06:20	E	5.167	42.492	48.917	47.658	37.533	1930.942	5998.242	Poss Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	09:35	I	29.150	19.017	49.267	48.167	46.967	5214.633	2714.042	Mill Anomaly
Anomaly	MLOS		15	0.90	10:10	I	2.383	48.358	48.392	50.742	49.583	5889.817	2036.283	
Anomaly	MLOS		16	0.70	08:05	I	35.867	12.317	44.242	48.183	46.367	6223.633	1705.025	
Anomaly	MLOS		16	0.70	08:50	E	34.375	8.392	48.033	42.767	49.583	7551.642	382.433	
Marker	AGM						42.992	4.533				7933.850	5971.800	AGM 13420+22 B.M. A254.37
Anomaly	MLOS		29	0.50	01:15	I	12.383	37.200	48.267	49.583	48 000	290.083	5636.667	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006734

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	29	2.60	09:35	I	46.333	2.408	45.825	48.742	48.667	1638.300	4289.292	
Anomaly	MLOS		26	1.10	06.05	E	12 183	36.700	48.192	48.883	46 650	4486.058	1441.392	
Anomaly	MLOS		21	1.40	09:40	I	48.725	0.158	48.192	48.883	46.650	4486.058	1441.392	
Cluster	MLOS		15	5.10	01:20	E	3.550	43.100	48.883	46.650	47.708	4534.942	1394.742	
Anomaly	MLOS		19	0.60	11:30	E	4.108	42.542	48.883	46.650	47.708	4534.942	1394.742	
Cluster	MLOS		17	6.60	12:00	E	4.300	42.350	48.883	46.650	47.708	4534.942	1394.742	
Anomaly	MLOS		21	0.40	11:50	E	4.567	42 083	48.883	46.650	47.708	4534.942	1394.742	
Cluster	MLOS		28	2.00	11:30	E	4.750	41.900	48.883	46.650	47.708	4534.942	1394.742	
Anomaly	MLOS		23	0.70	12.10	E	4 817	41.833	48.883	46.650	47 708	4534.942	1394.742	
Cluster	MLOS		12	1.60	01:00	E	5.008	41.642	48.883	46.650	47.708	4534.942	1394.742	
Cluster	MLOS		32	5.00	11:15	E	5.025	41.625	48.883	46.650	47.708	4534.942	1394.742	
Cluster	MLOS		32	4.00	10:50	E	5 533	41.117	48.883	46 650	47.708	4534.942	1394.742	
Cluster	MLOS		14	1.80	11:20	E	6.117	40.533	48.883	46.650	47 708	4534.942	1394.742	
Cluster	MLOS		15	4.70	10:50	E	6.700	39.950	48.883	46.650	47.708	4534.942	1394.742	
Anomaly	MLOS		19	1.50	11:25	E	7.633	39 017	48.883	46.650	47.708	4534.942	1394.742	
Anomaly	MLOS		16	1.10	01:10	E	9.267	37.383	48.883	46.650	47.708	4534.942	1394.742	
Marker	AGM						23.275	25.475				5953.058	8351.442	AGM 13360+56 B.M. A253.24
Anomaly	MLOS		21	1.40	11:05	I	4.083	44.900	51.300	48.983	49.208	507.750	7820.183	
Anomaly	MLOS		31	1.30	10:35	I	24.767	24.217	51.300	48.983	49.208	507.750	7820.183	
Anomaly	MLOS		15	0.70	12:20	I	30.575	18.333	50.225	48.908	47.975	1256.500	7071.508	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.70	10:50	I	4.583	43.392	48.908	47.975	50.592	1305.408	7023.533	
Anomaly	MLOS		43	1.30	08:20	I	13.817	25.458	50.883	39.275	50 475	1614.575	6723.067	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.40	12:30	I	17.817	30.117	48.150	47.933	47.392	2420.300	5908.683	
Anomaly	MLOS		17	1.50	01:50	I	28.475	19.850	47.883	48.325	49.558	3280.517	5048.075	
NCA	NCA			0.00	01:50	I	29.242	19.083	47.883	48.325	49.558	3280.517	5048.075	Mill Anomaly
Cluster	MLOS		15	1.30	05:35	E	29.942	19.717	47.533	49.658	46 967	3899.133	4428.125	
NCA	NCA			0.00	03:25	E	40.592	6.375	49.658	46.967	49.875	3948.792	4381.158	Metal In Close Proximity
Anomaly	MLOS		21	0.40	10:50	I	47.583	1.342	48.992	48.925	49.375	4565.892	3762.100	
Anomaly	MLOS		16	1.10	05:15	I	33.867	15.125	48.550	48.992	47.375	4712.742	3615 183	
NCA	NCA			0.00	12:00	I	46.508	1.667	49.292	48.175	45.058	5333.258	2995.483	Mill Anomaly
Anomaly	MLOS		26	0.90	04:30	E	8.325	41 650	46.192	49.975	37.575	5891.975	2434.967	
Anomaly	MLOS		15	1 50	05:20	I	25.050	25.858	37.575	50.908	46.767	5979.525	2346.483	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	12:00	E	0 342	25.367	16.775	25.708	32 500	6093.975	2257.233	Metal In Close Proximity

EMPCO-ARKGOV006735

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	21	1.20	05:50	E	23.950	21 358	49.267	45.308	46.458	6250.375	2081.233	
Marker	AGM						16.242	29.008				8360.675	5567.175	AGM 13276+65 B.M. A251.65 (INS)
Anomaly	MLOS		36	1 50	07.50	E	4.500	1.267	43.883	5.767	3.067	683.358	4907.058	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		21	0 50	02.40	I	3.067	31.650	47.817	34.717	46.708	1596.275	3965.192	
Anomaly	MLOS		24	1.00	05.35	E	45.425	3.958	49 067	49.383	49.483	1823.250	3723.550	
Anomaly	MLOS		17	0.80	07:20	E	14.900	30.442	48 608	45.342	46.233	2650.208	2900.633	
Anomaly	MLOS		16	0.80	05:10	E	2.008	47.775	45.667	49.783	50.483	3339.658	2206.742	
Cluster	MLOS		16	0.80	03:10	E	23.858	19.392	27.025	43.250	47.958	3466.950	2085.983	
Anomaly	MLOS		16	0.90	08:40	E	19.475	20.825	50.133	40.300	46.658	3942.450	1613 433	
Anomaly	MLOS		16	1.20	03:05	E	20.892	19.408	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		25	1.20	03:45	E	22.258	18.042	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		20	0.80	03:05	E	22.325	17.975	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		25	1.60	07:25	E	23.333	16.967	50 133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		30	1.10	03:20	E	23.583	16.717	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		18	1.00	03:20	E	24.567	15.733	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		43	0.90	02:50	E	25.675	14.625	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		41	0.90	09:35	E	26.017	14.283	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		52	0.90	09:45	E	26.692	13.608	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		16	0.90	01:30	E	29.258	11.042	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		25	0.80	09:00	E	30.383	9.917	50.133	40.300	46.658	3942.450	1613.433	
Anomaly	MLOS		15	0.70	08:15	I	38.658	8.000	40.300	46.658	9.750	3982.750	1566.775	
Anomaly	MLOS		33	1.50	12:25	I	14.133	32.433	42.800	46.567	18.075	4313.417	1236.200	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.70	07:00	E	3.683	44.708	48.808	48.392	49.083	5232.792	315.000	
Anomaly	MLOS		15	0.90	05:45	E	14.750	33.642	48.808	48 392	49.083	5232.792	315.000	
Marker	AGM						34.833	12.625				5561.350	9961.450	AGM 13220+91 B.M. A250.60
Cluster	MLOS		16	1.30	05:25	E	15.333	29.533	49.017	44.867	50.325	452.208	9477.000	
NCA	NCA			0.00	05:00	I	38.000	11 450	47.100	49.450	44.850	3594.483	6330.142	Mill Anomaly
Anomaly	MLOS		30	0.60	01:30	I	42.225	2.858	48.025	45.083	47.425	3784.692	6144.300	
Anomaly	MLOS		18	0.70	03:30	I	31.308	12.525	48.208	43.833	47.633	6162.792	3767.450	
Anomaly	MLOS		24	1 20	12:10	I	42.100	4.217	13.358	46.317	49.267	6347.333	3580.425	
Anomaly	MLOS		20	0 70	03:20	E	33.133	13.875	48.575	47.008	50.892	6819.308	3107.758	
Cluster	MLOS		26	2.00	11:55	I	1.633	44.300	44.183	45.933	45.842	7299.967	2628.175	
Anomaly	MLOS		16	0.90	07:05	I	11.900	36.592	45.842	48.492	47 017	7391.742	2533 842	

EMPCO-ARKGOV006736

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)					12.325	37.858				9961.750	7982.742	AGM 13122+01 B.M. A248.73
Anomaly	MLOS		16	0.80	05:40	E	31.592	17.958	48.825	49.550	48.175	133.525	7837.525	
Anomaly	MLOS		15	1.10	12:10	I	34.067	14.192	49.492	48.258	45.075	421.675	7550 667	
Anomaly	MLOS		22	0.90	02:20	E	38.867	6.917	48.608	45.783	50.900	1924.808	6050.008	
Anomaly	MLOS		17	0.80	08:20	I	24.458	23.733	49.650	48.192	47.800	2397.067	5575.342	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	01:45	I	7.783	40.783	50.083	48.567	44.108	3340.567	4631.467	Mill Anomaly
NCA	NCA			0.00	12:00	I	21.825	26.783	50.217	48.608	17.092	4201.883	3770 108	Long Seam Anomaly
Cluster	MLOS		21	1.80	06:20	E	13.200	31.408	48.142	44.608	11.100	5784.850	2191.142	
Anomaly	MLOS		18	1.60	05:40	I	23.408	24 608	48.792	48.017	49.000	6218.225	1754.358	
Marker	AGM						5.167	43.400				8015.433	6700.317	AGM 13041+75 B.M. A247.21 (INS)
Cluster	MLOS		24	1.80	01:20	I	31.967	16.600	49.333	48.567	48.742	-5.167	6700.317	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	1.00	10:25	E	9.158	39.583	48.567	48.742	48.142	43.400	6651.575	
Anomaly	MLOS		17	0.80	09:45	I	16.083	34.625	49.900	50.708	45.567	1206.567	5486.442	
Anomaly	MLOS		20	0.80	12:00	I	48.517	2.192	49.900	50.708	45.567	1206.567	5486.442	
NCA	NCA			0.00	09:40	I	17.383	28.183	50.708	45.567	50.000	1257.275	5440.875	Mill Anomaly
Anomaly	MLOS		29	0.70	04:00	E	48.725	0.700	49.342	49.425	43.508	1864.125	4830.167	
Cluster	MLOS		24	1.40	12:15	I	0.675	9.092	47.425	9.767	43.583	2303.042	4430.908	
Anomaly	MLOS		32	1.20	03:05	E	46.275	1.475	49.683	47 750	50.700	2447.042	4248.925	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.50	01:35	I	12.150	35.533	47.633	47 683	50.883	2985.633	3710.400	
Cluster	MLOS		23	2.50	02:35	I	7.375	43.108	47.708	50.483	47.300	4278.458	2414.775	
Marker	AGM						35.450	15.350				6708.267	6837.767	AGM 12972+49 B.M. A245 89
Anomaly	MLOS		19	0.90	06:10	E	32.875	13.708	43.217	46.583	3.608	861.992	5944.542	
Anomaly	MLOS		16	0 50	02:10	E	21.525	28.267	42.592	49.792	50.817	1173.758	5629.567	
Anomaly	MLOS		15	0 80	07:40	E	16.142	35.858	51.067	52.000	49.583	2174.208	4626.908	
Anomaly	MLOS		16	0.70	12:00	E	35.942	12.800	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		14	1.00	11:40	E	36.375	12.367	51.275	48 742	50.433	2879.900	3924.475	
Cluster	MLOS		18	3.90	11:05	E	36.733	12.008	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		13	2.50	10:55	E	37.033	11.708	51.275	48 742	50.433	2879.900	3924.475	
Cluster	MLOS		19	3.80	11:35	E	37.533	11.208	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		22	1.90	10:25	E	37.617	11.125	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		17	2.70	11:00	E	39.433	9.308	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		24	2.60	11:50	E	40.400	8.342	51.275	48.742	50.433	2879.900	3924.475	
Cluster	MLOS		15	0.90	11:30	E	41.600	7.142	51.275	48.742	50.433	2879.900	3924.475	

EMPCO-ARKGOV006737

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	452549.850	15	0.70	05:50	E	1.667	48.475	50.358	50.142	47.483	6428.783	374.192	
Marker	AGM	(b) (7)(F)					6.550	42 650				6846.567	5116.442	AGM 12896+85 B.M. A244.46
Anomaly	MLOS		16	0.70	02:00	I	35.600	5.883	51.717	41.483	50.692	124.583	4993.025	
Anomaly	MLOS		21	0.80	12:35	I	45 975	1.733	48.258	47.708	45.867	1348.242	3763.142	
Anomaly	MLOS		15	0.50	04:55	E	41.942	6.950	48.017	48.892	47.933	2275.617	2834 583	
Anomaly	MLOS		32	0.90	02:25	I	29.883	11.600	43.317	41.483	43.250	2617.383	2500 225	Possible Non-Corrosion Anomaly
Cluster	MLOS		29	0.80	02:15	I	30.083	11.400	43.317	41.483	43.250	2617.383	2500.225	Possible Non-Corrosion Anomaly
Cluster	MLOS		46	1.20	09:10	I	31.400	10.083	43.317	41.483	43.250	2617.383	2500.225	Possible Non-Corrosion Anomaly
Anomaly	MLOS		30	0.60	11:25	I	31.500	9.983	43.317	41.483	43.250	2617.383	2500.225	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	0.60	11:15	I	37.017	4.467	43.317	41.483	43.250	2617.383	2500.225	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	1.40	04:30	E	37.275	6.050	50.983	43.325	47.308	3379.650	1736.117	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		18	0.90	06:10	E	33.800	15 675	43.667	49 475	52.217	4378.583	731.033	
Anomaly	MLOS		16	1.10	06:55	E	19.633	30 425	52.242	50 058	47.167	4532.517	576.517	
Cluster	MLOS		20	9.70	05:45	E	29 492	21.525	47.167	51.017	33.733	4629.742	478.333	
Anomaly	MLOS		15	0.70	05:05	E	30.508	20.508	47.167	51.017	33 733	4629.742	478.333	
Anomaly	MLOS		15	0.50	05:15	I	1.125	50.825	49.767	51.950	51.642	4809.508	297.633	
Anomaly	MLOS		15	0.50	10:30	E	18.175	33.467	51 950	51.642	45.792	4861.458	245.992	
Anomaly	MLOS		15	0.50	04:55	E	10.600	41.992	45 675	52.592	46.133	5099.233	7.267	
Marker	AGM						7.267	38.867				5151.825	6961.558	AGM 12853+28 B.M. A243.64 (INS)
Cluster	MLOS		18	1.80	07:10	E	40.792	7.975	43.975	48.767	46.233	227.033	6724.625	
Cluster	MLOS		19	1.80	07:05	E	7.208	39.025	48.767	46.233	46.992	275.800	6678.392	
Anomaly	MLOS		16	1.70	06:20	E	32.000	17.975	47 200	49.975	45.658	546.775	6403.675	
Anomaly	MLOS		15	1.20	05:10	E	2 375	44.575	44.317	46.950	52.833	947.783	6005.692	
Anomaly	MLOS		20	1.50	06:20	E	22.783	26.858	45.783	49.642	49 225	1994.092	4956.692	
Anomaly	MLOS		17	0.80	01:10	I	34.392	14.175	50.408	48.567	48 075	2480.250	4471.608	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	12:00	E	5.025	44.100	51.750	49.125	46.408	3169.342	3781.958	Metal In Close Proximity
Anomaly	MLOS		17	0.50	06:10	E	3.950	46.583	38.533	50.533	51.392	3837.108	3112.783	
Anomaly	MLOS		18	0.90	05:40	I	5.708	36.992	50.875	42.700	47.667	4837.667	2120.058	
Anomaly	MLOS		17	0.50	06:55	I	46.808	1.942	47.058	48.750	46 725	6094.600	857.075	
NCA	NCA			0.00	12:10	I	36.717	12.683	49.575	49.400	37.092	6717.600	233.425	Long Seam Anomaly
Marker	AGM						0.317	51.308				7000.108	7994.517	AGM 12783+28 B.M. A242.31
Anomaly	MLOS		32	0.80	06:30	I	48 258	1.100	47.542	49.358	50.058	149.942	7846.525	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	01:30	E	10 933	37.283	49 550	48.217	50.525	3443.775	4553.833	Metal In Close Proximity

EMPCO-ARKGOV006738

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	17	1.70	01:25	E	15.050	35.850	50.200	50.900	48.558	7755.067	239.858	
Anomaly	MLOS		20	0.90	02:05	E	15.958	34.942	50.200	50.900	48.558	7755.067	239.858	
Marker	AGM						46.267	4.667				7999.558	5389.700	AGM 12702+62 B.M. A240.78
Anomaly	MLOS		16	1.40	10:00	I	26 908	22.817	10.100	49 725	47.825	497.042	4847.600	
Anomaly	MLOS		18	0.50	06:10	I	5.133	44.250	46.658	49.383	46.167	688.058	4656.925	
Anomaly	MLOS		40	1.40	03:55	I	1.250	47.983	46.808	49.233	48.333	2002.950	3342.183	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						6.000	45 342				5388.367	6872.167	AGM 12648+28 B.M. A239.75
Anomaly	MLOS		15	0.70	06:15	E	39.792	8.258	50.325	48.050	50.175	193.708	6675.750	
Cluster	MLOS		17	1.80	05.30	E	8.800	8.625	44.358	17.425	50.458	1813.517	5086 567	
Anomaly	MLOS		16	0 60	11:50	E	21.642	25.358	49.867	47.000	49.567	2838.275	4032.233	
Anomaly	MLOS		16	1.00	08:10	I	34 900	14.525	47.458	49.425	37.283	3216.458	3651.625	
Anomaly	MLOS		20	0.90	05:15	E	49.625	0.475	49.225	50 100	49.058	3785.100	3082.308	
Anomaly	MLOS		16	1.00	04:50	E	49.850	0.250	49.225	50.100	49.058	3785.100	3082.308	
Anomaly	MLOS		17	1.00	10:45	I	38.933	10.683	48.092	49.617	40.683	5859.250	1008.642	
Anomaly	MLOS		18	1.00	10:10	I	39.317	10.300	48.092	49.617	40.683	5859.250	1008.642	
Cluster	MLOS		19	2.30	03:30	I	44.067	5.550	48.092	49 617	40.683	5859.250	1008.642	
Anomaly	MLOS		27	1.00	03:35	I	45.133	4.483	48.092	49.617	40.683	5859.250	1008.642	
Anomaly	MLOS		15	0.80	06:45	E	37.458	13.375	50.525	50.833	39.333	6148.067	718.608	
Anomaly	MLOS		19	1.00	06:40	E	9.108	42.708	50.892	51.817	50.650	6440.200	425.492	
Anomaly	MLOS		19	0.80	12:30	I	35.483	8.433	45.975	43.917	46.317	6683.500	190.092	
Marker	VALV						2.383	2.375				6915.125	1171.875	Valve 16 N.H.G. 12579+45 B.M. V238.25
Anomaly	MLOS		20	1 00	06:00	E	1.425	10.483	2.433	11.908	2.517	518.675	643.667	
Marker	VALV						2.583	2.258				1171.667	7607.217	Valve B.V. # 1S.H.G. 12574+96 B.M. V238.16
NCA	NCA			0.00	04:00	E	27.375	23.117	32.433	50.492	45.083	42.033	7516.950	Metal In Close Proximity
Anomaly	MLOS		17	0.40	02:20	I	35.875	7.950	49.225	43.825	3.292	278.475	7287.175	
Anomaly	MLOS		19	1.10	12:25	I	20.233	25.975	47.917	46.208	48.008	1272.542	6290.725	
Anomaly	MLOS		24	1.20	11:15	I	18.817	27.317	46.683	46.133	46.842	3102.058	4461.283	
NCA	NCA			0.00	10:00	E	36.617	10.158	48.000	46.775	45.875	3703.767	3858.933	Metal In Close Proximity
Anomaly	MLOS		33	1.70	03:35	I	2.633	2.792	49.492	5.425	51.075	5249.100	2354.950	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		19	0.50	12:50	I	11.083	38.758	48.475	49.842	46.992	7071.083	488.550	
Marker	AGM						38.700	9.242				7570.775	6302.808	AGM 12498+83 B.M. A236.78
Anomaly	MLOS		25	0.70	12:30	I	10.525	37.042	49.108	47 567	44.267	162.200	6102.283	
NCA	NCA			0.00	11:50	E	46.092	3.600	47.067	49.692	47.758	397.483	5864.875	Metal In Close Proximity

EMPCO-ARKGOV006739

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.80	06:20	E	37.958	12.983	49.258	50.942	49 492	3531.808	2729.300	
NCA	NCA			0.00	11:35	E	41.283	7.958	51.033	49.242	31.150	4482.983	1779.825	Metal In Close Proximity
Anomaly	MLOS		26	2.30	07.10	E	43.058	7.658	46.358	50 717	47.483	4876.383	1384.950	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.70	10.45	E	32.758	13.567	47.283	46.325	50.875	5888.458	377.267	
Marker	AGM						29.292	22.075				6282.758	8839.550	AGM 12436+60 B.M. A235.60
NCA	NCA			0.00	11:25	E	9.217	39.600	49.167	48.817	47.775	3490.042	5322.767	Metal In Close Proximity
Anomaly	MLOS		24	0.90	11:20	E	19.767	29.050	49.167	48 817	47.775	3490.042	5322.767	
Anomaly	MLOS		21	1 30	03:45	E	50.392	1.800	47.775	52 192	48.067	3586.633	5222.800	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0 00	05.05	E	2.525	46.450	49.642	48 975	50.825	4260.242	4552.408	Metal In Close Proximity
Anomaly	MLOS		17	0.50	08:40	I	3.158	41.300	29.633	44 458	40.392	6794.017	2023.150	
Anomaly	MLOS		17	0 90	06:00	E	5.533	43.733	49.692	49.267	49.433	6928.558	1883.800	
Anomaly	MLOS		27	1 10	12:40	I	17.733	30.600	46.358	48.333	37.775	7330.450	1482.842	
Marker	AGM						2.808	46 158				8858.817	8628.625	AGM 12347+05 B.M. A233 91 (INS)
Anomaly	MLOS		18	0 60	03:50	E	2 833	44.617	45.925	47.450	48.967	286.067	8341.267	
Anomaly	MLOS		27	1.20	06:00	E	17.175	31.408	48.067	48 583	48.942	1704.792	6921.408	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		45	1.20	10:00	I	1.117	45.492	48.158	46.608	50.708	2771.492	5856 683	Poss. Mill/Mechanical/Thinwall or Lamination
Cluster	MLOS		18	1.00	09:40	I	37.367	13.342	46.608	50.708	49.383	2818.100	5805.975	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		19	0.90	05:50	E	18.408	32.350	45.450	50.758	15 708	3014.108	5609.917	
Anomaly	MLOS		35	0.50	06:05	I	1 142	38.550	40.858	39.692	28.692	3967.233	4667.858	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.90	06:00	E	22.050	28.975	50 008	51.025	46.700	4919.342	3704 417	
Anomaly	MLOS		18	1.00	08:30	E	25.483	22.800	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		18	1.70	08:40	E	27.708	20.575	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		16	1.00	08:40	E	27.967	20.317	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		21	3.20	09:00	E	28.358	19.925	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		20	0.70	09:05	E	29.883	18.400	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		16	0 40	09:05	E	30.033	18.250	50.575	48.283	50.025	5949.950	2676 550	
Cluster	MLOS		22	3.10	01:50	E	30.150	18.133	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		12	1.80	09:05	E	30 183	18.100	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		10	2.40	02:10	E	30.725	17.558	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		12	2.00	09:10	E	31.033	17.250	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		10	4.60	02:10	E	31.067	17.217	50 575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		26	0.90	02:05	E	31.667	16.617	50 575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		16	2.00	09:25	E	31.917	16.367	50.575	48.283	50.025	5949.950	2676.550	

EMPCO-ARKGOV006740

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	11	3.80	09:35	E	32.667	15.617	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		15	0.40	09:15	E	32.967	15.317	50.575	48.283	50.025	5949.950	2676 550	
Anomaly	MLOS		19	0.40	01:55	E	33.017	15.267	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		21	2.70	01:50	E	34.417	13.867	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		18	1.50	12:45	E	34.933	13.350	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		12	2.50	01.35	E	35.067	13.217	50.575	48.283	50 025	5949.950	2676.550	
Cluster	MLOS		26	2.90	01:35	E	35.700	12.583	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		12	2.70	12:35	E	36.217	12.067	50 575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		22	1.00	10:10	E	36.400	11.883	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		10	1.90	10:45	E	36 633	11.650	50.575	48 283	50 025	5949.950	2676.550	
Cluster	MLOS		11	4.20	12:40	E	36.667	11.617	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		15	1.20	12:00	E	37.367	10.917	50 575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		15	2.40	12:00	E	37.733	10.550	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		11	2.40	01:15	E	38.067	10.217	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		16	4.60	11:40	E	38.283	10 000	50.575	48.283	50.025	5949.950	2676 550	
Cluster	MLOS		24	2.00	12:50	E	38 842	9.442	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		19	9.10	12:45	E	39.333	8.950	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		10	1.80	11:40	E	39.900	8.383	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		12	2.50	11:00	E	40.450	7.833	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		19	0.60	10:25	E	41.200	7.083	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		17	3.40	12:20	E	41.242	7.042	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		19	2.30	12:20	E	41.600	6.683	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		10	1.30	12:20	E	41.842	6.442	50.575	48.283	50.025	5949.950	2676.550	
Cluster	MLOS		20	3.90	12:20	E	42 267	6.017	50.575	48.283	50.025	5949.950	2676.550	
Anomaly	MLOS		20	1 60	10:15	E	10.525	39.375	11.842	49.900	47.683	8290.750	334.133	
Anomaly	MLOS		22	1.10	12:10	E	10.542	39.358	11.842	49.900	47.683	8290.750	334.133	
Cluster	MLOS		35	1 10	11:15	E	10.542	39 358	11.842	49.900	47.683	8290.750	334.133	
NCA	NCA			0.00	11:10	E	5.875	30 033	47.683	35.908	6.450	8388.333	250.542	Metal In Close Proximity
Marker	AGM						36.375	14 150				8638.408	4880.500	AGM 12260+28 B.M. A232.26
Cluster	MLOS		25	3.50	11:40	I	11.533	36 842	47.483	48.375	50.433	61.633	4784.642	
Anomaly	MLOS		16	0.70	06:55	E	46.017	2.600	45.517	48.617	49.900	1516.767	3329.267	
Marker	AGM						44.283	7.467				4850.367	6539.142	AGM 12211+28 B.M. A231.33
NCA	NCA			0.00	11:00	E	44.975	6.775	50.675	51.750	50.783	-44.283	6539.142	Metal In Close Proximity

EMPCO-ARKGOV006741

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	10:30	E	36.692	14.000	50.825	50.692	51.292	207.508	6288.408	Metal In Close Proximity
Anomaly	MLOS		15	0.50	07:50	E	24.025	26 292	47.858	50 317	50.850	1411.308	5084.983	
Anomaly	MLOS		17	1.10	05:50	E	44.825	1.375	47.392	46.200	45.308	1952.858	4547.550	
Anomaly	MLOS		15	0.80	05:55	E	1.617	43 692	46.200	45 308	49.450	1999.058	4502.242	
Anomaly	MLOS		16	1.30	06:50	E	23.250	26.200	45 308	49 450	46.042	2044.367	4452.792	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0 00	01:25	I	12.167	35 858	46.042	48.025	43.750	2139.858	4358.725	Long Seam Anomaly
NCA	NCA			0 00	01.30	I	12.942	35.083	46 042	48.025	43.750	2139.858	4358.725	Long Seam Anomaly
NCA	NCA			0 00	01:35	I	17.325	30.700	46.042	48 025	43.750	2139.858	4358.725	Long Seam Anomaly
Anomaly	MLOS		22	1 10	06:45	E	47.150	1.600	46.275	48 750	49.708	2905.608	3592.250	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		22	1.20	06:00	E	9.975	39.142	41 108	49.117	47.400	3222.067	3275.425	
Anomaly	MLOS		15	1.20	06:10	E	33.742	16.192	50 308	49.933	48.908	3520.408	2976.267	
Anomaly	MLOS		28	1 20	06:55	E	34.975	14.675	43.292	49.650	46.150	3937.242	2559.717	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	1.50	08:55	E	10.700	38.942	47.300	49.642	47.508	4541.950	1955.017	Poss. Mill/Mechanical/Thinwall or Lamination
Cluster	MLOS		17	3.20	05:40	E	7.483	41.675	48.133	49.158	19.700	5644.425	853.025	Associated with Dent BRC
Anomaly	MLOS		15	0.60	05:15	E	7.825	41.333	48.133	49.158	19.700	5644.425	853.025	Associated with Dent BRC
Anomaly	MLOS		17	0.50	01:35	E	17 617	29.467	49.933	47.083	47.683	5796.542	702.983	
Anomaly	MLOS		15	0.60	05:10	E	1.217	49.108	50.567	50.325	49.333	6116.858	379.425	
Anomaly	MLOS		25	0.70	09:10	I	9.317	34.658	51 092	43.975	50.117	6312.233	190.400	
Cluster	MLOS		13	2.60	11:00	I	9.983	33.992	51 092	43.975	50.117	6312.233	190.400	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	0.70	03:20	I	10 267	33.708	51.092	43.975	50.117	6312.233	190.400	
Anomaly	MLOS		18	0.40	11:10	I	10 342	33.633	51.092	43.975	50.117	6312.233	190.400	Possible Non-Corrosion Anomaly
Anomaly	MLOS		32	1.60	08:40	E	44.817	0.542	49.917	45.358	50.667	6456.242	45.008	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						45.008	5.658				6501.600	5034.350	AGM 12145+86 B.M. A230.10 (INS)
Anomaly	MLOS		15	0.80	05:10	E	36.542	13.308	46.367	49.850	49 858	1058.300	3931 858	
Anomaly	MLOS		15	0.60	05:00	E	38.508	11.342	46.367	49.850	49.858	1058.300	3931 858	
NCA	NCA			0.00	04:00	E	31.683	15.275	19.158	46.958	45.183	1320.183	3672.867	Metal In Close Proximity
Anomaly	MLOS		19	0.80	05:30	I	8.725	37.425	49.383	46.150	25.125	1732.317	3261.542	
Cluster	MLOS		19	1.80	12:05	E	1.025	48.342	46.425	49.367	49.633	1850.017	3140.625	
Anomaly	MLOS		19	2.60	11:55	E	4.700	44.667	46.425	49.367	49.633	1850.017	3140.625	
Anomaly	MLOS		22	2 50	12:00	E	5.558	43.808	46.425	49.367	49.633	1850.017	3140.625	
Anomaly	MLOS		25	1 20	05:05	E	2.267	45 475	50.592	47.742	49.408	2304.442	2687.825	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	0.60	09:25	E	5.517	42 225	50.592	47.742	49.408	2304.442	2687.825	
NCA	NCA			0.00	12:50	E	32.700	12.417	48.075	45 117	24.267	5002.592	-7.700	Excess Metal

EMPCO-ARKGOV006742

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)					37 417	7.700				5002.592	5682.617	AGM 12095+33 B.M. A229.14
Anomaly	MLOS		28	0.90	12:20	E	45.108	3.033	47.042	48.142	50.858	223.808	5418.367	Poss. Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0 00	08:45	E	44.558	3.017	48.325	47.575	47.175	2223.600	3419.142	Metal In Close Proximity
Anomaly	MLOS		20	1.20	07:45	E	45.450	3.217	47.175	48.667	50.600	2318.350	3323.300	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		27	0.20	08:40	U	0.017	48.417	47.633	48.433	45.208	2952.567	2689 317	Girth Weld Anomaly
Cluster	MLOS		19	2.00	05:50	E	41 117	7.133	47.467	48.250	43.008	3754.058	1888.008	
Anomaly	MLOS		17	0.90	05:35	E	41.458	6.792	47.467	48.250	43.008	3754.058	1888.008	
Anomaly	MLOS		24	1.10	10:50	I	31.183	11.717	49 858	42.900	40.975	4395.400	1252.017	
NCA	NCA			0.00	12:00	E	22.900	27.042	46.608	49.942	47.717	4878.225	762.150	Metal In Close Proximity
Marker	AGM						11.358	34 583				5678.958	7082.983	AGM 12038+40 B.M. A228.06
NCA	NCA			0.00	12:05	E	11.958	39.425	15.900	51.383	51.858	1694.058	5372.125	Metal In Close Proximity
NCA	NCA			0.00	12:10	E	27.275	24.108	15.900	51.383	51.858	1694.058	5372 125	Metal In Close Proximity
Cluster	MLOS		26	2.50	10:45	I	36.608	14 267	50.850	50.875	50.683	2329.650	4737.042	
Anomaly	MLOS		25	0.70	12:10	I	43 442	6.200	50.483	49.642	50.192	3881.283	3186.642	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:25	E	50.233	0.133	50.200	50.367	49.575	4938.283	2128.917	Excess Metal
NCA	NCA			0.00	11:45	E	0.167	49.408	50.367	49.575	49.758	4988.650	2079.342	Excess Metal
Cluster	MLOS		21	1.30	10:50	E	4.650	46.008	29.908	50.658	16.533	5164.600	1902.308	
Anomaly	MLOS		19	0.70	10:30	E	5.567	45.092	29.908	50.658	16.533	5164.600	1902.308	
Anomaly	MLOS		15	1.30	11:35	E	45.133	2.508	50.258	47.642	48.942	5632.683	1437.242	
Marker	AGM						28.808	22.158				7088.758	5643.792	AGM 11969+40 B.M. A226 75 (INS)
Anomaly	MLOS		17	0.60	11:40	I	10.875	39.908	47.192	50.783	50.225	1721.992	3893.175	
Anomaly	MLOS		17	0.80	05:55	E	30.558	4.900	50.858	35.458	49.800	2015.075	3615.417	
Cluster	MLOS		16	1 60	06:10	E	12.767	37.033	35.458	49.800	49.217	2050.533	3565.617	Poss Mill/Mechanical/Thinwall or Lamination
NCA	NCA			0.00	10:25	I	39.800	10.750	49.625	50.550	50.917	2247.583	3367.817	Mill Anomaly
Anomaly	MLOS		16	0.90	10:55	I	7.300	15.967	24.367	23.267	50.083	2470.867	3171.817	
NCA	NCA			0.00	06:10	I	29.567	17.317	49.308	46.883	50.442	2786.183	2832.883	Mill Anomaly
Anomaly	MLOS		19	0.50	10:05	I	14.958	35.533	47.525	50.492	50.858	3320.050	2295.408	
Anomaly	MLOS		17	0.50	05:15	E	11.917	26.750	49.850	38.667	50.025	4445.533	1181.750	
Anomaly	MLOS		16	1.00	12:00	I	23.633	15.033	49.850	38.667	50.025	4445.533	1181.750	
Cluster	MLOS		11	2.30	05:35	E	1.717	48.308	38.667	50.025	49.492	4484.200	1131.725	
Cluster	MLOS		16	1.50	06:10	E	2.158	47.867	38.667	50.025	49.492	4484.200	1131.725	
Anomaly	MLOS		16	0.60	05:50	E	36.458	12.950	49.550	49.408	49.233	4633.267	983.275	
Anomaly	MLOS		16	1.20	05:20	E	37.958	11.450	49.550	49 408	49.233	4633.267	983.275	

EMPCO-ARKGOV006743

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0.70	05:15	E	28.792	20.442	49.408	49 233	9.800	4682.675	934.042	
Anomaly	MLOS		18	1.30	06:10	E	0 558	47.067	49.358	47.625	50.800	5145.750	472.575	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						43 608	6.458				5622.342	4807.317	AGM 11910+51 B.M. A225.64
Anomaly	MLOS		18	0.80	05:15	I	21 192	25.058	50.058	46 250	46.408	631 133	4136.392	
Anomaly	MLOS		18	0.70	11:05	I	1 033	45.608	35.025	46.642	49.667	888.200	3878.933	
Anomaly	MLOS		35	1.80	06:10	E	17 942	33.100	48.942	51.042	49.225	1033.450	3729.283	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		17	0.60	03:30	I	42 825	5.258	50.225	48.083	47.425	1656.000	3109.692	
Anomaly	MLOS		21	0.20	08:35	U	0.017	19.400	51.050	19.417	47.142	2271.733	2522.625	Girth Weld Anomaly
Anomaly	MLOS		16	1.10	04:50	E	33.275	14 667	50.783	47.942	47.892	2581.692	2184.142	
Anomaly	MLOS		15	0.40	03:20	E	21.783	26.108	47.942	47.892	46.800	2629.633	2136.250	
Anomaly	MLOS		15	1.20	03:20	E	19.000	9.775	47.042	28.775	49.008	2771.367	2013.633	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		18	1.50	06:00	E	21.442	28 075	43.000	49.517	46.750	3183.258	1581.000	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		21	2.00	07:20	E	10.333	39 308	48.250	49.642	31.517	3850.767	913.367	Poss. Mill/Mechanical/Thinwall or Lamination
Marker	AGM						13.583	2.367				4800.192	8100.808	AGM 11862+22 B.M. A224.72
Cluster	MLOS		20	2.00	07:05	E	11 517	38.233	51.542	49.750	47.225	829.267	7224.158	
Anomaly	MLOS		67	1.20	12:55	I	23 475	26.275	51.542	49.750	47.225	829.267	7224.158	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		16	1.10	05:35	E	15.133	32.900	50.733	48.033	51.133	1073.633	6981.508	
Anomaly	MLOS		15	1.00	06:35	E	5.917	42.492	49.483	48 408	48.117	2042.842	6011.925	
Anomaly	MLOS		15	0.50	12:55	I	2.967	46.383	51.017	49.350	48.642	2541.542	5512.283	
Anomaly	MLOS		51	1.10	07:25	E	37 150	12.058	50 325	49.208	44 300	2988.608	5065.358	
Anomaly	MLOS		15	0.80	07:25	E	39.717	9.492	50.325	49.208	44.300	2988.608	5065.358	
Anomaly	MLOS		22	0.60	07:45	E	40.167	9.042	50.325	49.208	44.300	2988.608	5065 358	
Anomaly	MLOS		17	1.00	04:40	E	16.433	32.800	46.850	49.233	48.133	3275.942	4778.000	
Anomaly	MLOS		15	0.70	12:00	E	7.167	39 050	41.317	46.217	49.458	4350.008	3706.950	
Cluster	MLOS		16	1.10	03:10	I	31.600	17 392	49.367	48.992	50.358	4641.942	3412.242	
Anomaly	MLOS		18	1 60	08:10	E	13.267	38.192	48.883	51.458	43.675	4888.492	3163.225	
Anomaly	MLOS		15	0.70	04:20	E	37.392	14.067	48.883	51 458	43.675	4888.492	3163.225	
Anomaly	MLOS		16	0.60	04:20	E	38.883	7.983	36.850	46 867	48.367	5165.017	2891.292	
Cluster	MLOS		14	2.90	05:35	E	30.050	18.317	46.867	48.367	46.100	5211.883	2842.925	
Cluster	MLOS		12	1.40	05:10	E	30 192	18.175	46.867	48.367	46.100	5211.883	2842.925	
Cluster	MLOS		17	3.20	05:30	E	30.667	17.700	46.867	48.367	46.100	5211.883	2842.925	
Anomaly	MLOS		16	0.90	04:50	E	13.825	32.275	48.367	46.100	41.950	5260.250	2796.825	
Anomaly	MLOS		22	0.80	04:20	E	20.308	25.792	48.367	46.100	41.950	5260.250	2796.825	

EMPCO-ARKGOV006744

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	2 60	06:30	E	11 392	32.908	43.808	44.300	48.875	5489.975	2568 900	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.90	05:50	E	12.133	36.742	44.300	48.875	43.558	5534.275	2520.025	
Anomaly	MLOS		17	0.60	05:20	E	45.658	2.592	44.483	48.250	47.125	5717.483	2337.442	
Cluster	MLOS		25	3.70	05:40	E	6 700	40.425	48.250	47.125	43.850	5765.733	2290 317	
Cluster	MLOS		14	1.90	05:50	E	6.983	40.142	48.250	47.125	43.850	5765.733	2290.317	
Cluster	MLOS		13	0.90	05.25	E	7.150	39.975	48.250	47.125	43.850	5765.733	2290.317	
Anomaly	MLOS		22	0.90	05:35	E	12.733	34.392	48.250	47.125	43 850	5765.733	2290.317	
Cluster	MLOS		27	8.00	05:35	E	13.242	33.883	48.250	47.125	43.850	5765.733	2290.317	
Cluster	MLOS		21	2.10	06:15	E	13.992	33 133	48.250	47.125	43.850	5765.733	2290.317	
Cluster	MLOS		15	1.80	05:55	E	14.342	32.783	48.250	47.125	43.850	5765.733	2290.317	
Cluster	MLOS		14	2.30	05:50	E	14.725	32.400	48.250	47.125	43.850	5765.733	2290.317	
Cluster	MLOS		20	3.10	11:30	E	40.533	10.967	50.975	51.500	51.200	6006.742	2044 933	
Cluster	MLOS		11	2.90	11:05	E	42.017	9.483	50.975	51.500	51.200	6006.742	2044.933	
Anomaly	MLOS		23	0.80	04:35	E	20.567	29.617	49.633	50.183	48.442	6544.225	1508.767	
Anomaly	MLOS		15	0 70	04:50	E	24.667	25.517	49.633	50.183	48.442	6544.225	1508.767	
Anomaly	MLOS		18	0.90	04:50	E	25 142	25.042	49.633	50.183	48.442	6544.225	1508.767	
Anomaly	MLOS		18	0.40	02:35	E	46.675	1.225	48.442	47.900	46.833	6642.850	1412.425	
Anomaly	MLOS		19	1.40	06:10	E	25.792	24.175	45.542	49 967	45.225	6834.800	1218.408	
Cluster	MLOS		22	1.90	05:50	E	26.200	23.767	45.542	49 967	45.225	6834.800	1218.408	
NCA	NCA			0.00	11:30	E	4.525	45.400	49.775	49.925	49.667	7686.158	367.092	Metal In Close Proximity
Anomaly	MLOS		26	1.00	05:40	E	9.117	40.692	49.533	49 808	45.725	7978.575	74.792	
Marker	AGM						15.183	2.058				8087.992	5889.158	AGM 11781+08 B.M. A223.19 (INS)
Anomaly	MLOS		18	0.60	06:00	E	6.708	44.475	51.000	51.183	38.658	172.275	5667.758	
Anomaly	MLOS		28	1.30	08:55	E	21.458	27.467	47.992	48.925	50.058	310.108	5532.183	Poss. Mill/Mechanical/Thinwall or Lamination
Cluster	MLOS		22	4.10	06:15	E	29.883	17.058	49.317	46.942	47.142	1232.900	4611.375	
Cluster	MLOS		19	2.40	06:00	E	43.692	4.300	50.883	47.992	49.450	2336.633	3506.592	
Cluster	MLOS		21	2.60	05:15	E	44.517	3.475	50.883	47.992	49.450	2336.633	3506.592	
Cluster	MLOS		27	3.70	06:30	E	44.942	3.050	50.883	47.992	49.450	2336.633	3506.592	
Cluster	MLOS		13	1.90	05:45	E	45.333	2.658	50.883	47.992	49.450	2336.633	3506.592	
Cluster	MLOS		26	1.60	05:55	E	45.767	2.225	50.883	47.992	49.450	2336.633	3506.592	
Cluster	MLOS		17	2.10	06:20	E	45.975	2.017	50.883	47.992	49.450	2336.633	3506.592	
Anomaly	MLOS		25	0.80	05:30	E	46.317	1.675	50.883	47.992	49.450	2336.633	3506.592	
Anomaly	MLOS		16	1.60	06:30	E	46 417	1.575	50.883	47.992	49.450	2336.633	3506.592	

EMPCO-ARKGOV006745

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	21	0 80	05:45	E	0.650	48.800	47.992	49.450	49.092	2384.625	3457.142	
Anomaly	MLOS		15	0.40	05:05	E	17 058	32.892	47.975	49.950	46.942	3233.575	2607.692	
Cluster	MLOS		22	1.50	05:00	E	17 275	32.675	47 975	49.950	46.942	3233.575	2607.692	
Cluster	MLOS		18	2.50	05:00	E	17 583	32.367	47.975	49.950	46.942	3233.575	2607.692	
Anomaly	MLOS		27	0.70	11:30	E	6.492	40.450	49.950	46.942	27.642	3283.525	2560.750	
Anomaly	MLOS		15	1.20	04:55	I	7.508	39.250	47.175	46.758	47.225	3910.642	1933.817	
Anomaly	MLOS		16	0 60	06:10	E	2.508	46.692	47.158	49.200	45.775	4433.575	1408.442	
Anomaly	MLOS		21	1.10	06:10	E	3.208	45 992	47.158	49.200	45.775	4433.575	1408.442	
Anomaly	MLOS		22	1.30	06:20	E	4.158	45.042	47.158	49.200	45.775	4433.575	1408.442	
Anomaly	MLOS		25	0 70	06:05	E	4.342	44 858	47.158	49.200	45.775	4433.575	1408.442	
Marker	AGM						1.358	48.792				5889.858	7392.017	AGM 11722+24 B.M. A222.07
Cluster	MLOS		20	2.40	06:35	E	46.642	3.508	49.333	50.150	49.342	-1.358	7392.017	
Anomaly	MLOS		22	0 70	06:00	E	48.100	2.050	49.333	50.150	49.342	-1.358	7392.017	
Cluster	MLOS		26	1.00	06:05	E	48.875	1.275	49.333	50 150	49.342	-1.358	7392.017	
Anomaly	MLOS		21	0.70	01:00	E	18.983	30 358	47.808	49.342	50.550	717.900	6673.567	
Anomaly	MLOS		16	0.90	05:05	E	15.642	34.467	50.075	50.108	48.467	1550.617	5840.083	
Anomaly	MLOS		18	0.60	05:50	E	16.142	33.967	50.075	50.108	48.467	1550.617	5840.083	
Cluster	MLOS		35	2.50	05:50	E	17.650	31.942	50.117	49.592	45.167	2796.117	4595.100	
Anomaly	MLOS		17	1.00	08:40	I	28.858	15.775	49.792	44 633	46.233	2940.667	4455.508	
Anomaly	MLOS		28	0.90	04:50	E	47.142	1.350	47.833	48.492	45.542	3272.933	4119.383	
Anomaly	MLOS		15	0.90	03:30	E	5.800	43.100	47.783	48.900	44.325	4126.750	3265.158	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.80	07:25	E	14.783	29.050	49.183	43.833	50.192	4369.092	3027.883	
Anomaly	MLOS		18	0.80	05:50	E	40.308	7.133	50.192	47 442	47.475	4463.117	2930.250	
Anomaly	MLOS		20	1.10	11:30	I	11.617	34.833	46.758	46.450	48.875	5740.983	1653.375	
NCA	NCA			0.00	12:15	E	2 108	48.525	47.617	50.633	46 592	6128.583	1261.592	Metal In Close Proximity
Anomaly	MLOS		21	0.60	06:10	I	0 425	44.717	50.425	45.142	49.633	6426.975	968.692	
Anomaly	MLOS		15	0.80	05:40	E	29.658	20.583	48.592	50 242	50.908	6570.342	820.225	
Marker	AGM						37.158	14.025				7403.650	3781.075	AGM 11647+79 B.M. A220.66
NCA	NCA			0.00	12:20	I	29.733	20.675	50.950	50.408	50.517	927.567	2817.125	Mill Anomaly
Anomaly	MLOS		24	0.90	08:05	E	7.783	41.758	51 908	49.542	41 308	2407.208	1338.350	
Cluster	MLOS		22	0.80	11:30	I	1.108	48.050	51 392	49.158	51 842	2643.867	1102.075	
Anomaly	MLOS		19	0.90	08:05	E	41.917	5.575	47 150	47.492	43 525	2830.517	917.092	
Anomaly	MLOS		16	0.40	06:20	I	4.150	38.925	45.742	43.075	47.225	3604.233	147.792	

EMPCO-ARKGOV006746

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)					2.792	41.642				3792.308	5785.608	AGM 11609+75 B.M. A219.94 (INS)
Anomaly	MLOS		25	0.70	08:00	E	23.200	26.142	48.408	49 342	49.658	666.375	5111.533	
NCA	NCA			0.00	06:05	E	44 558	4.567	46.375	49.125	47.675	1532.033	4246.092	Metal In Close Proximity
NCA	NCA			0.00	09:10	E	21.683	28.250	48.358	49.933	51.492	1965.717	3811.600	Metal In Close Proximity
Anomaly	MLOS		16	0 60	06:20	E	3.192	42.700	47.592	45.892	46.258	2305.567	3475.792	
Anomaly	MLOS		18	0.50	01:15	I	41.492	7.375	51.067	48.867	46 667	2448.783	3329.600	Possible Non-Corrosion Anomaly
Anomaly	MLOS		20	1.00	10.15	I	25.642	22.125	51.400	47.767	50.983	3304.150	2475.333	
Cluster	MLOS		35	3.80	05:50	E	37.900	9.500	47.550	47.400	22.600	4194.400	1585.450	
Cluster	MLOS		20	2.40	12:15	E	36.083	15.333	46.733	51.417	47.817	4511.025	1264.808	
Cluster	MLOS		12	2.80	12:20	E	36.617	14 800	46.733	51 417	47.817	4511.025	1264.808	
Cluster	MLOS		17	1.30	08:00	I	43.025	4.925	48.225	47.950	50.433	4658.483	1120.817	
Anomaly	MLOS		16	0.70	01:15	E	5.833	44.100	48.700	49.933	47.917	4897.567	879.750	
NCA	NCA			0.00	01:10	E	30.292	20.608	47 983	50.900	46.225	5285.017	491.333	Metal In Close Proximity
Anomaly	MLOS		16	0 70	06:05	E	5.392	42.583	46.933	47 975	48.375	5479.050	300.225	
Marker	AGM						7.383	42.758				5819.867	9053 058	AGM 11551+27 B.M. A218.83
Anomaly	MLOS		15	0.50	09:50	I	8.058	32.875	43.492	40.933	48.150	257.967	8796.917	
Cluster	MLOS		19	1.00	05:00	E	1.008	44.958	46.800	45.967	50.433	916 933	8132.917	
NCA	NCA			0.00	01:30	E	32.250	17.375	42.792	49.625	50.733	1142.483	7903.708	Metal In Close Proximity
Cluster	MLOS		32	1.10	09:35	I	16.267	33.717	46.433	49.983	46.017	1385.992	7659.842	
Anomaly	MLOS		32	1.20	06:50	E	31.517	7.500	50.858	39.017	30.050	2053.583	7003.217	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		28	0.60	11:55	I	14.783	1.200	4.025	15.983	49.567	2126.675	6953.158	
Anomaly	MLOS		17	0.60	07:20	E	5.750	41.158	49.842	46.908	46.550	2430.858	6618.050	
Anomaly	MLOS		18	0.70	09:25	E	40.733	10.742	42.967	51.475	44.658	2615.883	6428.458	
Cluster	MLOS		16	2.20	11:25	E	25.758	20.225	7.242	45.983	44.583	2771.017	6278.817	
Anomaly	MLOS		15	0.70	07:20	E	32.075	17.825	48.867	49.900	46.358	2910.450	6135.467	
Anomaly	MLOS		15	1 20	05:40	E	5.983	40.375	49.900	46.358	48.450	2960.350	6089 108	
Anomaly	MLOS		16	0 90	05:35	E	15.875	30.483	49.900	46.358	48.450	2960.350	6089.108	
Anomaly	MLOS		15	0.70	05:25	E	21.025	25.333	49.900	46.358	48.450	2960.350	6089.108	
Anomaly	MLOS		21	0.80	04:00	E	0.650	46 767	50.950	47.417	34.708	3256.092	5792.308	
Anomaly	MLOS		18	0.60	04:10	E	0.883	46.533	50.950	47.417	34 708	3256.092	5792.308	
Anomaly	MLOS		15	0.80	04:15	E	1.225	46.192	50.950	47.417	34 708	3256.092	5792.308	
Anomaly	MLOS		16	0.90	06:10	E	39.925	7.492	50.950	47 417	34.708	3256.092	5792.308	
Anomaly	MLOS		28	1.30	05:05	E	29.792	16.233	49.292	46.025	45.192	3894.525	5155.267	Poss. Mill/Mechanical/Thinwall or Lamination

EMPCO-ARKGOV006747

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	23	0 30	03.45	U	0.025	52.183	49.833	52 208	45.600	5684.733	3358.875	Girth Weld Anomaly
Cluster	MLOS		16	2 10	05.50	E	9 392	42.475	46.042	51.867	47.192	5924.475	3119.475	
Anomaly	MLOS		17	1.80	06:10	E	35.933	15.933	46.042	51.867	47 192	5924.475	3119.475	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		21	0.90	04:15	E	42.775	7.033	47.192	49.808	47 850	6023.533	3022 475	
Cluster	MLOS		21	1.00	06:00	E	2.558	45 675	45.483	48.233	50.375	6362.967	2684.617	
Anomaly	MLOS		15	0.80	07:20	E	35.925	6.183	50.867	42.108	45.208	6884.733	2168.975	
Anomaly	MLOS		25	0.60	06.10	E	43.542	3.475	46.692	47.017	46.908	7018.742	2030.058	
Anomaly	MLOS		23	1.00	06.45	E	46.842	0.175	46.692	47.017	46.908	7018.742	2030.058	
Anomaly	MLOS		24	1.10	05.40	E	1.783	45.125	47.017	46.908	40.683	7065.758	1983.150	
Cluster	MLOS		20	2.40	05:55	E	20.717	26.192	47.017	46.908	40.683	7065.758	1983.150	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		15	0.70	08:25	E	20.367	26 583	49.892	46.950	52.275	7203.242	1845.625	
Anomaly	MLOS		19	1.00	07:25	E	21.233	25 717	49.892	46.950	52.275	7203.242	1845.625	
Anomaly	MLOS		16	0.70	08:20	E	42.792	3.000	52.275	45.792	50.150	7302.467	1747.558	
Anomaly	MLOS		17	0.80	08:20	E	20.767	29.383	45.792	50.150	48.208	7348.258	1697.408	
Cluster	MLOS		17	1.10	04:50	E	6.958	41.925	46.825	48.883	46.775	7683.050	1363.883	
Anomaly	MLOS		18	1.00	06:15	E	36.233	7.333	44.825	43.567	44.358	8014.625	1037.625	
Cluster	MLOS		21	1.90	01:55	E	40.283	6.792	47.683	47.075	51.333	8820.658	228.083	
Anomaly	MLOS		15	0 80	02:15	E	40.967	6.108	47.683	47.075	51.333	8820.658	228.083	
Cluster	MLOS		19	1.30	01:50	E	41.233	5.842	47 683	47.075	51.333	8820.658	228.083	
Cluster	MLOS		17	2.60	02:15	E	41.817	5.258	47.683	47.075	51.333	8820.658	228.083	
Cluster	MLOS		12	2 60	01:45	E	42.150	4.925	47.683	47.075	51.333	8820.658	228.083	
Marker	VALV						2.375	2.417				9093.442	5568.683	Valve B.V. # G31 11460+58 B.M. V217.12
Anomaly	MLOS		17	0.60	08:40	E	44.575	3.767	11 267	48.342	42.725	279.400	5243.358	
Anomaly	MLOS		22	0 60	06:10	E	40.092	8.117	48.867	48.208	45.350	514.758	5008.133	
Anomaly	MLOS		19	0.60	06:05	E	46 408	1.800	48.867	48.208	45.350	514.758	5008.133	
Anomaly	MLOS		15	0.50	06:50	E	47.317	0.892	48.867	48.208	45.350	514.758	5008.133	
Anomaly	MLOS		27	0 90	05:55	E	1.408	43.942	48.208	45.350	45.208	562.967	4962.783	
Anomaly	MLOS		20	0.60	03:50	E	1.425	43.925	48.208	45 350	45.208	562.967	4962.783	
NCA	NCA			0.00	11:45	E	27.608	2.583	11.717	30.192	42 800	1481.067	4059.842	Metal In Close Proximity
NCA	NCA			0.00	09:10	E	19.942	28.550	52.183	48.492	9.625	2182.325	3340.283	Metal In Close Proximity
Anomaly	MLOS		15	0.60	11:40	E	26.733	21.625	22.300	48.358	51.325	2794.117	2728 625	
Anomaly	MLOS		19	1.00	09:15	I	1.583	44.725	49.600	46.308	45.542	2943.400	2581.392	
NCA	NCA			0.00	11:10	I	10.558	35.750	49.600	46.308	45 542	2943.400	2581.392	Mill Anomaly

EMPCO-ARKGOV006748

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	11:05	I	12.275	34.033	49.600	46 308	45.542	2943.400	2581 392	Mill Anomaly
NCA	NCA			0.00	02:55	I	39.608	2.017	46.558	41.625	47.958	4767.208	762.267	Mill Anomaly
Anomaly	MLOS		18	1.50	07:35	I	40.217	1.408	46.558	41.625	47.958	4767.208	762.267	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	09:20	I	42.433	5.100	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
NCA	NCA			0.00	09:20	I	42.900	4.633	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
NCA	NCA			0.00	09.20	I	43.217	4.317	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
NCA	NCA			0.00	09:15	I	44.142	3.392	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
NCA	NCA			0.00	09:15	I	44.525	3.008	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
NCA	NCA			0.00	09:15	I	44.733	2.800	50.808	47.533	47.300	4999.333	524.233	Mill Anomaly
Marker	AGM						31.208	9.875				5539.892	5046.100	AGM 11404+79 B.M. A216.06
Anomaly	MLOS		17	1.00	12:05	I	8.358	42.825	50.858	51.183	48.792	730.125	4274.667	
NCA	NCA			0.00	11:50	E	23.025	25.333	45.583	48.358	39.158	1068.483	3939.133	Excess Metal
Anomaly	MLOS		24	1.00	11:45	I	2.250	45.933	6.492	48.183	47.592	1486.583	3521.208	
Anomaly	MLOS		24	1.00	02:15	I	30.167	20.658	51.883	50.825	49.625	1914.308	3090.842	
Anomaly	MLOS		18	1.00	05:50	I	5.617	41.633	49.475	47.250	45.033	2590.975	2417.750	
NCA	NCA			0.00	10:50	E	28.283	10.192	49.500	38.475	47.533	3211.142	1806.358	Excess Metal
NCA	NCA			0.00	09:30	E	36.275	2.200	49.500	38.475	47.533	3211.142	1806.358	Excess Metal
Anomaly	MLOS		24	1.00	02:40	E	18.242	21.008	29.925	39.250	44.733	3631.283	1385.442	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		19	1.00	04:20	E	10.083	39.325	50.583	49.408	46.225	4334.642	671.925	
NCA	NCA			0.00	09:50	I	17.325	28.233	45.842	45.558	49.117	4921.733	88.683	Mill Anomaly
NCA	NCA			0.00	09:50	I	27.992	17.567	45.842	45.558	49.117	4921.733	88.683	Mill Anomaly
NCA	NCA			0.00	09:50	I	32.258	13.300	45.842	45.558	49.117	4921.733	88.683	Mill Anomaly
Marker	AGM						39.567	9.608				5016.408	5387.450	AGM 11354+48 B.M. A215.11 (INS)
Anomaly	MLOS		16	0.80	08:35	I	5.050	44 942	46.283	49.992	49.900	1387.083	3959.983	
Anomaly	MLOS		18	1.00	03:55	E	0.475	48.483	48.442	48.958	48.567	1902.908	3445.192	
Marker	AGM						14.233	32.017				5382.825	4529.692	AGM 11302+31 B.M. A214.12
NCA	NCA			0.00	10:40	I	14.792	33.242	49 658	48.033	48.150	180.158	4333.517	Long Seam Anomaly
Anomaly	MLOS		19	1.30	12:00	I	37.508	12.067	49.733	49.575	48.125	326.075	4186.058	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		23	0 90	12:50	I	38.000	9.225	49.300	47.225	16.058	3155.392	1359.092	
NCA	NCA			0.00	09:50	I	17.917	32.275	49.200	50.192	48.308	4160.300	351.217	Mill Anomaly
Marker	VALV						2.292	2.308				4559.417	10992.975	Valve B.V. # S.P. 11256+83 B.M. V213.26
Anomaly	MLOS		20	0.80	07:30	I	26.050	11.417	48.475	37.467	51.392	1324.900	9632.917	
Anomaly	MLOS		19	0.70	02:00	I	39.075	1.250	43 925	40.325	44.183	2758.808	8196.150	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006749

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.90	07:50	I	24 975	17.542	50.000	42.517	47.683	4573.825	6378.942	
Marker	AGM						0.200	42.225				10995.083	8688.983	AGM 11144+55 B.M. A211.13 (INS)
NCA	NCA			0.00	11.55	E	3.933	15.975	24.500	19.908	43.217	66.725	8644.575	Metal In Close Proximity
Anomaly	MLOS		19	1.30	12.00	I	28.625	19.383	45 092	48.008	44.400	1345.783	7337.417	
Anomaly	MLOS		20	0 40	03:45	I	1.100	49.142	47.642	50.242	49.692	3118.883	5562.083	
Anomaly	MLOS		30	1 50	02:30	I	34.783	10.425	46.425	45 208	44.642	6302.650	2383.350	
Cluster	MLOS		26	2.90	01:40	I	35.417	9.792	46.425	45 208	44.642	6302.650	2383.350	
NCA	NCA			0.00	10:05	E	2.450	2.467	48.025	4.917	2.608	6819.358	1906.933	Excess Metal
NCA	NCA			0.00	10:45	E	23.083	26 692	13.283	49.775	47.600	7750.942	930.492	Excess Metal
NCA	NCA			0.00	10:10	E	8.275	41.917	48.475	50.192	51.817	8371.883	309.133	Metal In Close Proximity
Marker	AGM						8.050	39.192				8723.158	8360.617	AGM 11057+30 B.M. A209.48
Anomaly	MLOS		24	0.30	02:20	U	0.025	47 825	50.633	47.850	43.658	1118.283	7233.675	Girth Weld Anomaly
Anomaly	MLOS		20	0.80	02:30	I	11.508	37 117	47.783	48.625	33.167	1257.575	7093.608	
NCA	NCA			0.00	11:40	I	14 333	31.350	44.667	45 683	47.300	1475.667	6878.458	Excess Metal Begin Area of
NCA	NCA			0.00	10:25	I	20.158	25.525	44.667	45.683	47.300	1475.667	6878.458	Excess Metal End Area of
NCA	NCA			0 00	01:00	I	22.325	20.875	48.883	43.200	43.375	7898.492	458.117	Long Seam Anomaly
Anomaly	MLOS		15	0.60	07:30	E	22.858	27.708	51.233	50.567	46.600	8320.967	28.275	
Marker	AGM						28.275	18.325				8371.533	7057.592	AGM 10973+51 B.M. A207.89
NCA	NCA			0.00	12:35	E	29.942	16.658	50.567	46.600	49.933	-28.275	7057 592	Metal In Close Proximity
NCA	NCA			0 00	09:55	I	21.125	28.217	50.342	49.342	44.100	3070.117	3956.458	Long Seam Anomaly
Anomaly	MLOS		19	0.90	03:10	E	35.808	15.142	22.142	50.950	49.775	6585.242	439.725	
Anomaly	MLOS		16	1.20	10:30	I	24.050	19.558	47.275	43.608	50.842	6881.183	151.125	
Marker	AGM						40.008	5.875				7035.908	7336 250	AGM 10902+48 B.M. A206.55 (INS)
Anomaly	MLOS		19	0.70	09:10	I	47.992	0.525	49.225	48.517	46 758	710.492	6583.117	
Anomaly	MLOS		17	0.80	01:15	I	17.892	29 142	48.567	47.033	47.133	1187.142	6107.950	
Anomaly	MLOS		15	0 40	07:10	I	44.825	3.058	49.300	47.883	10.008	1570.775	5723.467	
Anomaly	MLOS		15	0.50	07:15	E	46.942	0.942	49 300	47.883	10.008	1570.775	5723.467	
Cluster	MLOS		17	0.60	08:10	E	3.142	46.100	31.775	49.242	48.983	1660.442	5632.442	
Anomaly	MLOS		18	0 80	05:30	E	7.033	40.683	50.550	47.717	48.833	2245.550	5048.858	
NCA	NCA			0 00	01:20	I	18.992	28.250	47.900	47.242	50.433	6301.150	993.733	Mill Anomaly
Marker	AGM						21.217	27.558				7320.908	6761.433	AGM 10832+93 B.M. A205.23
Anomaly	MLOS		17	0.80	06:10	I	12.792	31.867	45.475	44 658	43.300	360.883	6383.450	
NCA	NCA			0.00	09:20	E	18 400	33.858	47.550	52 258	50.850	1109.750	5626.983	Metal In Close Proximity

EMPCO-ARKGOV006750

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0 90	01:10	E	25.600	26.658	47.550	52.258	50.850	1109.750	5626.983	
Cluster	MLOS		18	1.90	12:15	E	25.983	26 275	47.550	52.258	50.850	1109.750	5626.983	
Cluster	MLOS		19	0.90	12:10	E	26.242	26.017	47.550	52.258	50.850	1109.750	5626.983	
Cluster	MLOS		12	1.10	12:00	E	26.458	25 800	47.550	52.258	50.850	1109.750	5626.983	
Anomaly	MLOS		15	0.90	11:40	E	26.892	25.367	47.550	52.258	50.850	1109.750	5626 983	
Anomaly	MLOS		28	0.90	03:30	E	37.183	4.283	48.408	41.467	49.667	1312.050	5435.475	
Anomaly	MLOS		15	0.70	05:40	E	34.658	10.325	49.667	44.983	44.708	1403.183	5340.825	
NCA	NCA			0.00	11:50	I	31.083	18 475	49.550	49.558	47.300	2555.242	4184.192	Long Seam Anomaly
NCA	NCA			0.00	11:50	I	32.725	16 833	49.550	49.558	47.300	2555.242	4184 192	Long Seam Anomaly
Cluster	MLOS		19	1.10	12:40	I	25.925	21.992	51.058	47.917	48.150	3612.483	3128.592	
Cluster	MLOS		30	1.90	11:40	I	33.283	17.317	47.608	50.600	50.333	4144.075	2594.317	
Anomaly	MLOS		21	0.50	11:10	E	46 367	0.500	46.200	46.867	13.992	5203.233	1538.892	
Marker	AGM						36.992	11.642				6752.000	6223.333	AGM 10760+96 B.M. A203.87
Anomaly	MLOS		23	0.90	07:45	E	29.567	18.842	46.300	48.408	47.350	155.233	6031.333	
Anomaly	MLOS		15	0.60	08:00	E	30.075	18 333	46.300	48.408	47.350	155.233	6031.333	
NCA	NCA			0.00	01:05	I	44.292	5.083	49.733	49.375	50.783	507.058	5678.542	Long Seam Anomaly
Anomaly	MLOS		15	0.70	10:10	E	45.633	1.383	47.850	47.017	47.567	1389.683	4798.275	
Anomaly	MLOS		16	1.20	04:55	I	0.658	44.842	48.658	45.500	43.692	3138.733	3050.742	
NCA	NCA			0 00	08:35	E	19.317	31.517	19.908	50.833	34.250	3433.317	2750.825	Excess Metal
NCA	NCA			0.00	09:50	E	21.625	29.208	19.908	50.833	34.250	3433.317	2750.825	Excess Metal
Anomaly	MLOS		19	0.50	01:55	I	26.975	23.758	48.708	50.733	47.950	4380.525	1803.717	
Anomaly	MLOS		15	0.70	01:50	E	12.417	35.708	51.317	48.125	22.808	4719.600	1467 250	
Marker	AGM						13.475	35.342				6221.500	9619 258	AGM 10698+85 B.M. A202.69
Cluster	MLOS		17	1.70	08:00	E	24.667	24.325	50.333	48.992	51.592	1175.367	8430.242	
NCA	NCA			0.00	01:45	I	1.350	12.942	51.533	14.292	50.042	1689.692	7950.617	Long Seam Anomaly
Anomaly	MLOS		15	1.00	03:30	E	29.850	19.758	50.242	49.608	45.708	2221.183	7383.808	
Cluster	MLOS		17	1.30	03:20	E	30.125	19.483	50.242	49.608	45.708	2221.183	7383.808	
Cluster	MLOS		15	2.10	03:35	E	30.917	18.692	50.242	49.608	45.708	2221.183	7383.808	
Anomaly	MLOS		23	0.50	11:50	I	49 175	3.333	51.000	52.508	46.692	3190.858	6411.233	
Cluster	MLOS		12	1.60	11:50	E	42.683	7.625	36.517	50.308	50.442	3376.292	6228.000	
Anomaly	MLOS		17	0.60	01:00	E	42.867	7.442	36.517	50.308	50.442	3376.292	6228.000	
Cluster	MLOS		16	2.10	05:55	E	28.908	19 792	44.700	48.700	47.158	3667.525	5938.375	
Anomaly	MLOS		16	0.70	06:05	E	29.050	19.650	44.700	48.700	47.158	3667.525	5938.375	

EMPCO-ARKGOV006751

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.70	01:15	E	2.858	43.725	51.267	46.583	49.325	7368.900	2239.117	
Marker	AGM						12 533	26.533				9642.067	4306.033	AGM 10602+24 B.M. A200.86 (INS)
Cluster	MLOS		24	1.40	05:35	I	37.450	8.817	46.758	46 267	50.883	3893.592	392.708	
Marker	AGM						27 133	22.642				4305.433	5228.333	AGM 10558+87 B.M. A200.04
Anomaly	MLOS		17	0.60	09:10	I	41.683	8.092	39.858	49.775	46.892	-27.133	5228.333	
Anomaly	MLOS		18	0.60	01:10	I	19.783	29.583	47.942	49.367	46.783	1372.442	3829.167	
Anomaly	MLOS		19	0.70	03:25	I	3.017	43.817	49.083	46.833	49.558	2393.958	2810.183	
Anomaly	MLOS		19	0.40	02:20	I	4.100	42.733	49.083	46.833	49.558	2393.958	2810.183	
Anomaly	MLOS		17	0.60	08:35	I	40.567	7.233	45.058	47.800	35.933	4448.442	754.733	
Anomaly	MLOS		18	1.10	05:25	I	13 342	36.083	35 933	49.425	49.442	4532.175	669.375	
Anomaly	MLOS		22	0.70	04:00	I	20 492	26.992	50.700	47.483	43.058	5208.258	-4.767	
Marker	AGM						42.717	4.767				5208.258	5175.858	AGM 10506+35 B.M. A199.04
NCA	NCA			0.00	04:25	E	23.133	25.258	50.375	48.392	51.408	810.342	4321.892	Metal In Close Proximity
NCA	NCA			0.00	04:50	I	20.375	29.450	47.525	49.825	41.825	3334.458	1796.342	Mill Anomaly
Cluster	MLOS		27	1.80	03:45	E	1 350	48.117	45 983	49.467	48.300	4246.917	884.242	
Cluster	MLOS		18	1.40	12:00	E	28.558	19.658	49.783	48.217	32 683	4394.467	737.942	
Cluster	MLOS		17	2.90	12:05	E	28.975	19.242	49.783	48.217	32.683	4394.467	737.942	
Anomaly	MLOS		16	0.60	01:25	E	29.517	18.700	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		24	3 70	11:55	E	29.758	18.458	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		12	2.90	01:20	E	30.100	18.117	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		12	3.00	12:10	E	30.650	17 567	49.783	48 217	32.683	4394.467	737.942	
Cluster	MLOS		20	3.20	11:20	E	30.967	17.250	49.783	48 217	32.683	4394.467	737.942	
Anomaly	MLOS		15	0.80	01:05	E	31 583	16.633	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		9	2.10	11:40	E	31.825	16.392	49.783	48.217	32 683	4394.467	737.942	
Cluster	MLOS		16	3.30	01:00	E	32.500	15.717	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		24	3.70	11:35	E	32.908	15.308	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		24	3.40	12:00	E	33.550	14.667	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		13	2 80	01:00	E	33.900	14.317	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		8	2.70	11:40	E	34.175	14.042	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		9	2.50	12:30	E	34.508	13.708	49.783	48.217	32 683	4394.467	737.942	
Cluster	MLOS		14	2.00	12:35	E	34.908	13.308	49.783	48.217	32.683	4394.467	737.942	
Anomaly	MLOS		15	0.50	02:00	E	35.208	13.008	49.783	48.217	32.683	4394.467	737.942	
Cluster	MLOS		12	2.80	12:50	E	35.525	12.692	49.783	48.217	32.683	4394.467	737.942	

EMPCO-ARKGOV006752

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.80	05.10	I	30.900	15.733	47.892	46.633	46.717	5042.275	91.717	
Anomaly	MLOS		17	1.30	10:25	E	0.625	48.008	46.717	48 633	50.717	5135.625	-3.633	
Anomaly	MLOS		15	0.70	10:30	E	1.500	47.133	46 717	48.633	50.717	5135.625	-3.633	
Anomaly	MLOS		15	0.50	10:30	E	2.075	46.558	46.717	48.633	50.717	5135.625	-3.633	
Marker	AGM						45.000	3.633				5135.625	7148 733	AGM 10454+40 B.M. A198.06
Anomaly	MLOS		24	0.60	04:35	I	36.625	11.200	41 417	47.825	46.092	5109.942	1994.600	
NCA	NCA			0.00	01:50	E	40.958	8.008	48.725	48.967	48.567	5702.942	1400.458	Metal In Close Proximity
NCA	NCA			0.00	10:00	E	41.842	7.125	48.725	48.967	48.567	5702.942	1400.458	Metal In Close Proximity
NCA	NCA			0.00	01.40	E	42 058	6.908	48.725	48.967	48.567	5702.942	1400.458	Metal In Close Proximity
Anomaly	MLOS		29	1.10	05:15	I	38.283	9.542	45.375	47.825	40.725	6797.258	307.283	
Marker	AGM						23.242	16.258				7129.125	6473.042	AGM 10383+05 B.M. A196.71
NCA	NCA			0.00	04:20	I	20.492	25.900	48.017	46.392	49.467	458.483	5984.425	Mill Anomaly
NCA	NCA			0.00	11:10	E	12.958	37.808	49.150	50.767	47.917	1317.933	5120.600	Excess Metal
Anomaly	MLOS		21	0.60	10:45	I	5.008	41.300	50.108	46.308	47.033	3179.033	3263 958	Possible Non-Corrosion Anomaly
Anomaly	MLOS		17	1 00	07:10	I	12.558	36.983	47.433	49.542	49.067	5322.758	1117.000	
Marker	AGM						14.667	35.333				6474.633	4576.942	AGM 10318+19 B.M. A195.48
Anomaly	MLOS		21	0.80	01:25	I	45.392	3.967	50.167	49.358	46.950	3295.233	1267 683	
Marker	AGM						26.308	22.583				4585.967	5717.175	AGM 10271+99 B.M. A194.61 (INS)
NCA	NCA			0.00	07:55	E	17.092	33.242	49.175	50.333	49.833	688.542	5000.883	Metal In Close Proximity
Cluster	MLOS		15	2.00	11:25	I	40.083	10.100	51.700	50.183	47.325	934.533	4755.042	
Anomaly	MLOS		35	0.90	09:20	I	3.833	47.650	46.325	51.483	47.800	2285.133	3403.142	
Anomaly	MLOS		15	0.50	08:10	I	37.850	7.583	50.500	45.433	45.217	2570.108	3124.217	
Anomaly	MLOS		16	1.30	08:40	I	12.550	37.558	48 708	50.108	42.442	4773.633	916.017	
Marker	AGM						1.317	46.408				5738.442	7605.108	AGM 10214+58 B.M. A193.52
Anomaly	MLOS		20	1.10	01:35	I	8 583	34.900	49.292	43.483	51.058	852.092	6755.942	
Anomaly	MLOS		24	1.00	07:25	I	29.717	14.942	47.700	44.658	31.192	2657.183	4949.675	
Anomaly	MLOS		25	1.00	04:00	I	10.475	31.667	45.133	42.142	46 517	4068.917	3540.458	
Anomaly	MLOS		16	0.30	08:00	I	41 108	4.017	41.342	45.125	47.492	6264.967	1341.425	
Anomaly	MLOS		18	0.70	08:20	E	7.642	37.758	44.317	45.400	50 050	7610.525	-4.408	
Marker	AGM						40.992	4.408				7610.525	8792.217	AGM 10137+80 B.M. A192.06
Cluster	MLOS		25	2 00	04:55	I	8.050	42.408	45.908	50.458	50.258	427.617	8318.550	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.50	02:00	I	12.842	37.617	45.908	50.458	50.258	427.617	8318.550	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.60	11:55	I	21.433	25.325	45.950	46.758	46.867	4246.858	4503.008	

EMPCO-ARKGOV006753

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	22	1 00	07:15	E	8.483	37 475	46.867	45.958	24.858	4340.483	4410.183	
Cluster	MLOS		17	7 70	02:45	E	3 908	38.533	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		18	4.70	03:05	E	4 783	37.658	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		16	3.60	03:45	E	5.408	37.033	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		16	1.90	03:25	E	5 808	36.633	20 042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		16	0.60	06:05	E	5.925	36.517	20 042	42.442	25.025	4522.583	4231 600	
Cluster	MLOS		18	2.10	06:05	E	6.108	36.333	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		17	3.10	08:00	E	6 208	36.233	20 042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		18	3.20	04:05	E	6.292	36.150	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		22	2.20	05.35	E	6.600	35.842	20.042	42.442	25.025	4522.583	4231.600	
Anomaly	MLOS		16	1.70	03:25	E	6.650	35.792	20 042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		29	11.10	08:00	E	6.742	35.700	20 042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		32	27.60	04:15	E	8.008	34.433	20 042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		18	2.50	06:40	E	9.525	32 917	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		18	4.20	05:55	E	9.767	32.675	20.042	42.442	25.025	4522.583	4231.600	
Anomaly	MLOS		18	0 40	05:35	E	9.975	32.467	20.042	42.442	25.025	4522.583	4231.600	
Cluster	MLOS		15	1.20	06:15	E	10 175	32.267	20.042	42.442	25.025	4522.583	4231.600	
Anomaly	MLOS		16	1.10	09:10	I	9.625	35.967	45.208	45.592	44.867	5767.717	2983.317	
Anomaly	MLOS		17	0.50	12:30	I	18.325	27.958	47 408	46.283	43.742	6229.117	2521.225	
Anomaly	MLOS		17	1 60	05:00	I	2.850	44.150	45.958	47.000	40.133	6997.725	1751.900	
Anomaly	MLOS		18	0 50	12:15	I	16.025	32.358	44.642	48.383	45.767	8265.200	483.042	
NCA	NCA			0.00	01:10	E	7 150	40.050	45.183	47.200	45.142	8718.200	31.225	Metal In Close Proximity
Marker	AGM						31.225	13.917				8765.400	4565.892	AGM 10047+03 B.M. A190 35
Anomaly	MLOS		16	1.00	09:45	I	25.142	23.633	45.558	48.775	44.617	194.033	4337.000	
Anomaly	MLOS		24	0.90	10:50	I	38.800	9.975	45.558	48.775	44.617	194.033	4337.000	
Anomaly	MLOS		18	0.60	02:10	I	7.308	40.475	9.908	47.783	35.100	2525.892	2006.133	
Marker	AGM						15.150	15.217				4564.658	7181.317	AGM 10004+32 B.M. A189.54 (INS)
Anomaly	MLOS		18	0.90	05:10	E	38.583	12 050	30.367	50.633	43.083	15.217	7130.683	
Cluster	MLOS		15	1.30	05:50	E	4.158	38.925	50.633	43 083	45.483	65.850	7087.600	
Anomaly	MLOS		16	0.60	05:50	E	4.808	38.275	50.633	43.083	45.483	65.850	7087.600	
Anomaly	MLOS		17	1.10	10:25	I	25.692	20.008	45.825	45.700	35.942	1230.467	5920.367	
Anomaly	MLOS		23	0.70	08:15	I	1.750	42.900	46.250	44.650	42.717	2173.433	4978.450	Possible Non-Corrosion Anomaly
Anomaly	MLOS		30	0.50	08:35	I	1.933	42.717	46.250	44.650	42.717	2173.433	4978.450	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006754

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1 00	06:40	I	20.400	27 408	48.150	47.808	47.158	2721.250	4427.475	
Anomaly	MLOS		17	0.70	05:40	E	23.917	25.225	44.375	49.142	44.408	2860.592	4286 800	
Anomaly	MLOS		15	1.20	04:55	E	21.317	27.992	41.542	49.308	36.308	6099.583	1047.642	
Anomaly	MLOS		19	0.70	06:10	E	24.908	24.400	41.542	49.308	36.308	6099.583	1047.642	
Anomaly	MLOS		16	0.80	05:50	E	25.008	11.300	49.308	36.308	32.808	6148.892	1011.333	
Anomaly	MLOS		17	0.70	06:15	E	26.033	10.275	49.308	36.308	32.808	6148.892	1011.333	
Anomaly	MLOS		16	0.90	06:25	E	27.808	8.500	49.308	36 308	32.808	6148.892	1011.333	
Anomaly	MLOS		19	1.10	05:30	E	29.025	7.283	49.308	36 308	32.808	6148.892	1011.333	
NCA	NCA			0.00	06:25	I	12 692	31.842	32.808	44.533	44.442	6218.008	933.992	Mill Anomaly
Marker	AGM						25.092	20.333				7171.442	5550.825	AGM 9932+50 B M. A188.18
Anomaly	MLOS		18	0.70	06:05	E	21.483	26.308	48.167	47.792	49.208	791.975	4731.392	
NCA	NCA			0.00	01:05	E	12 542	35.533	46.850	48.075	49.900	2877.100	2645.983	Excess Metal
Anomaly	MLOS		25	1.00	07:30	I	16 608	29.600	49.058	46.208	46.375	5133.742	391.208	
Anomaly	MLOS		17	1.80	06:45	I	17.050	29.158	49.058	46.208	46.375	5133.742	391.208	
Anomaly	MLOS		18	0.80	05:45	E	34.908	6.942	44.967	41.850	45.983	5316.642	212.667	
Marker	AGM						26.442	17.442				5544.717	4997.633	AGM 9876+74 B.M. A187.12
Anomaly	MLOS		21	0.70	06:20	E	39.658	6.642	45.517	46.300	14.400	469.275	4499.500	
Anomaly	MLOS		16	0.70	12:55	I	17.267	29.850	44.050	47.117	50.283	3513.133	1454.825	
Anomaly	MLOS		22	0.60	04:00	E	7.650	35.000	48.817	42.650	50.117	3756.342	1216 083	
Marker	AGM						7.283	41.583				5007.792	5948.825	AGM 9826+82 B.M. A186.17 (INS)
Anomaly	MLOS		25	1.40	12:10	I	8.825	41.275	50.183	50.100	49.392	478.167	5462 142	
NCA	NCA			0.00	12:15	I	10.650	39.450	50.183	50.100	49.392	478.167	5462.142	Long Seam Anomaly
Anomaly	MLOS		18	0.60	02:40	E	45.833	1.300	46.150	47.133	48 292	3951.067	1992.208	
Anomaly	MLOS		17	0.80	02:00	I	3.042	45 558	51.175	48.600	48.208	4365.175	1576.633	
Anomaly	MLOS		16	0.60	03:45	I	5.125	39.158	49.967	44.283	45.300	5100.433	845.692	
Anomaly	MLOS		19	0.60	11:45	I	43.733	2.425	45 958	46.158	44.400	5940.733	3.517	
Marker	AGM						3.517	40.883				5986.892	10371.858	AGM 9765+11 B.M. A185.01
Anomaly	MLOS		16	0.70	06:45	E	6.483	42.783	47.317	49.267	47.000	790.567	9572.908	
Cluster	MLOS		17	1.20	04:25	E	6.792	44 008	47.517	50.800	49.483	1540.592	8821 350	
Anomaly	MLOS		16	0.40	02:20	E	45.350	3.492	46.533	48.842	49.283	3356.967	7006.933	
Anomaly	MLOS		18	0.80	06:00	I	47.683	1.567	45.458	49.250	49.350	6140.500	4222.992	
Anomaly	MLOS		20	0.90	05:55	E	2.433	46.050	26.450	48.483	48.858	6760.500	3603.758	
Anomaly	MLOS		16	0 80	02:15	I	1.867	47.700	48.833	49.567	48.725	8938.692	1424.483	

EMPCO-ARKGOV006755

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	VALV	(b) (7)(F)					2 433	2.342				10410.308	12583.400	Valve B.V. # G29 9662+26 B.M V183.06
Anomaly	MLOS		16	1.20	05:50	E	3 117	46.767	34.908	49.883	39.858	41.508	12494.350	
NCA	NCA			0.00	12:20	I	39 650	12.083	50.658	51.733	39.842	387.350	12146.658	Long Seam Anomaly
NCA	NCA			0 00	09.20	E	42.358	7.267	49.842	49.625	45.917	2219.392	10316.725	Metal In Close Proximity
Anomaly	MLOS		26	1.20	04:25	I	38 025	9.033	48 008	47.058	45.300	4819.317	7719.367	
Anomaly	MLOS		18	1.10	10:45	I	8.558	41.392	30.942	49.950	46.350	5759.375	6776.417	
Anomaly	MLOS		22	1 30	10:30	I	14.983	34 967	30.942	49.950	46.350	5759.375	6776.417	
Cluster	MLOS		19	3 10	06:55	I	21.567	29 192	46.775	50.758	44.267	6226.008	6308 975	
NCA	NCA			0 00	10:40	E	45.933	2.500	49 083	48.433	2.025	8749.892	3787 417	Excess Metal
Anomaly	MLOS		24	0.50	05:50	I	36 150	5.067	41.342	41.217	40.250	9378.175	3166.350	Possible Non-Corrosion Anomaly
Anomaly	MLOS		41	0 30	10.55	I	38.608	3.642	43.750	42 250	39.625	11328.217	1215.275	Possible Non-Corrosion Anomaly
Marker	AGM						38.742	1.275				12547.000	4935.625	AGM 9536+44 B.M. A180.67 (INS)
NCA	NCA			0.00	10:55	I	1.867	42.050	41.383	43.917	38.867	996.550	3896.433	Mill Anomaly
NCA	NCA			0.00	04:55	I	2.375	41.542	41.383	43 917	38.867	996.550	3896.433	Mill Anomaly
NCA	NCA			0.00	12:00	I	4.342	30.858	38.867	35 200	39.817	1079.333	3822.367	Mill Anomaly
NCA	NCA			0 00	09:45	I	4.458	30 742	38.867	35.200	39.817	1079.333	3822.367	Mill Anomaly
Anomaly	MLOS		19	1 00	10:45	I	6.475	36 825	39.817	43.300	35.967	1154.350	3739.250	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	06:10	U	2.708	40 342	43.842	43.050	41.650	1614.842	3279.008	Mill Anomaly
Anomaly	MLOS		22	0.50	06:10	E	2.717	40.333	43.842	43.050	41.650	1614.842	3279 008	
Anomaly	MLOS		42	0.50	01:45	I	33.242	0.400	41.908	33 642	36.617	3215.542	1687.717	Possible Non-Corrosion Anomaly
Marker	AGM						24.192	15.783				4912.708	8078.875	AGM 9487+11 B M. A179.74
NCA	NCA			0.00	02:25	I	37.767	2.267	41.792	40.033	43.250	681.075	7373.550	Mill Anomaly
NCA	NCA			0.00	06:00	I	2.775	40.367	41.467	43.142	42.733	1476.842	6574.675	Mill Anomaly
Anomaly	MLOS		22	0.60	06:20	I	40.733	1.133	43.492	41.867	39.583	3647.175	4405.617	Possible Non-Corrosion Anomaly
Anomaly	MLOS		43	0.60	08:00	I	31.792	7.792	41.867	39.583	41.583	3689.042	4366.033	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	12:00	I	31.942	7.642	41.867	39.583	41.583	3689.042	4366.033	Mill Anomaly
NCA	NCA			0.00	04:05	I	32.233	7.350	41.867	39.583	41.583	3689.042	4366.033	Mill Anomaly
NCA	NCA			0.00	09:20	U	0.292	41.292	39.433	41.583	32.067	5671.525	2381.550	Mill Anomaly
Anomaly	MLOS		29	0.30	05:40	I	3.483	37.733	44.483	41.217	42.692	6485.067	1568.375	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	05:30	I	5.308	35.908	44.483	41.217	42.692	6485.067	1568 375	Mill Anomaly
Anomaly	MLOS		22	1.00	03:25	I	31.900	4.383	42.692	36.283	43.417	6568.975	1489 400	Possible Non-Corrosion Anomaly
Marker	AGM						31.592	12 383				8063.067	5333 908	AGM 9405+89 B.M. A178.20
Anomaly	MLOS		17	0.60	11:20	E	44.783	5.092	48.267	49.875	44 817	3547.842	1748.575	

EMPCO-ARKGOV006756

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	07:30	I	20.708	23.058	49.583	43.767	44.042	3734.850	1567.675	Mill Anomaly
Anomaly	MLOS		15	0.70	12:50	E	46.417	0.283	49.408	46.700	48.217	5126.400	173.192	
Marker	VALV						2.325	2.308				5343.967	7013.233	Valve B.V. # G28 9352+45 B.M. V177.19
Anomaly	MLOS		15	0.90	06:20	I	10.050	38.817	45.492	48.867	43.025	936.642	6030.033	
NCA	NCA			0.00	06:10	I	45.942	3.792	48.233	49.733	42.275	4200.167	2765.642	Mill Anomaly
Anomaly	MLOS		26	0.50	10:20	I	41.283	7.608	48.033	48.892	48.875	6728.858	237.792	
Marker	AGM						41 000	5.042				6974.542	3423.892	AGM 9282+14 B.M. A175.86
NCA	NCA			0.00	10:25	I	10.725	37.350	48.025	48.075	41.900	2525.292	855.567	Long Seam Anomaly
Anomaly	MLOS		17	0 50	09:35	I	29.050	19.025	48.025	48.075	41.900	2525.292	855.567	
Marker	AGM						25 250	23.650				3403.683	6072.467	AGM 9247+56 B.M. A175.21 (INS)
Cluster	MLOS		22	1.60	05:50	E	35.092	13.808	16.208	48.900	29.175	-25.250	6072.467	
Anomaly	MLOS		37	1.80	05:15	E	38.158	10.742	16.208	48.900	29.175	-25.250	6072.467	
Anomaly	MLOS		31	0.90	05:15	E	38.542	10.358	16.208	48.900	29.175	-25.250	6072.467	
Anomaly	MLOS		15	0.90	07:10	E	42.825	6.075	16.208	48.900	29.175	-25.250	6072.467	
Anomaly	MLOS		23	0 90	08:35	I	11.208	37.567	48.692	48.775	46.833	1840.667	4206.675	
NCA	NCA			0.00	06:20	I	35.833	13.767	49.267	49.600	15.100	2693.050	3353.467	Mill Anomaly
Anomaly	MLOS		38	0.70	09:30	I	8.442	39.608	47.642	48.050	31.658	2893.258	3154.808	
NCA	NCA			0.00	10:50	I	19 492	25.292	40.608	44.783	44.975	4045.283	2006.050	Long Seam Anomaly
NCA	NCA			0.00	10:55	I	35.425	9.358	40 608	44.783	44.975	4045.283	2006.050	Long Seam Anomaly
Anomaly	MLOS		40	0.90	09:15	E	19.700	22.883	42.758	42.583	47.892	4859.358	1194.175	
NCA	NCA			0.00	12:30	E	36.783	11.025	45.100	47.808	46.125	5313.525	734.783	Metal In Close Proximity
Anomaly	MLOS		22	0.80	01:05	I	17.533	26.692	45.300	44.225	49.767	5641.225	410.667	Possible Non-Corrosion Anomaly
Marker	AGM						44.058	4.442				6052.058	4800.533	AGM 9187+22 B.M. A174.06
NCA	NCA			0.00	04:55	I	36.217	12.400	50.017	48.617	48.142	192.242	4564.117	Mill Anomaly
Anomaly	MLOS		28	1.00	03:20	I	47.583	0.250	50.250	47.833	44.658	1422.733	3334.408	
NCA	NCA			0.00	05:10	I	1.000	46.942	44.958	47.942	45.167	1697.242	3059.792	Mill Anomaly
Anomaly	MLOS		19	0.40	09:15	I	32.025	13.242	44.900	45.267	44.225	3003.783	1755.925	
NCA	NCA			0.00	12:35	I	2.900	40.933	44.833	43.833	45.833	3941.083	820.058	Mill Anomaly
Marker	AGM						10.567	35.300				4794.408	7544.108	AGM 9139+98 B.M. A173.17
NCA	NCA			0.00	12:00	E	33.242	11.925	45.358	45.167	46.292	126.592	7407.650	Metal In Close Proximity
NCA	NCA			0.00	12:15	I	8.333	36.617	45.142	44.950	41.050	1690.292	5844.167	Long Seam Anomaly
NCA	NCA			0.00	01:15	E	25.142	18.592	46.367	43.733	45.142	2413.392	5122.283	Metal In Close Proximity
Anomaly	MLOS		16	0.40	07:30	I	42.758	0.975	46.367	43.733	45.142	2413.392	5122.283	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006757

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	20	0.90	11:10	I	4.475	41.517	48.700	45.992	45 700	3425.408	4108.008	
Cluster	MLOS		18	0.50	09.00	I	38 775	10.408	45.992	49.183	49 317	6543.658	986.567	
Anomaly	MLOS		28	0.70	04.30	E	12 117	35.217	49.000	47.333	43 058	6787.433	744.642	
Anomaly	MLOS		17	0.40	02:30	I	31.800	11.258	47.333	43.058	47.525	6834.767	701.583	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	0.60	05:05	I	8.083	41.025	47.525	49.108	48.958	6925.350	604.950	Possible Non-Corrosion Anomaly
Marker	AGM						23.558	21 958				7555.850	7391.775	AGM 9063+33 B.M. A171.71
NCA	NCA			0.00	08:40	I	8.117	36.908	45.925	45 025	44.058	819.950	6548.758	Mill Anomaly
Anomaly	MLOS		18	0.70	02:10	E	41.117	0.692	46.267	41 808	48.867	2195.125	5176.800	
Anomaly	MLOS		18	1.10	06:50	E	20.483	28.025	48.192	48 508	52.275	3222.775	4142.450	Poss. Mill/Mechanical/Thinwall or Lamination
Anomaly	MLOS		22	1.00	11.05	I	27.942	19.858	48.733	47 800	52.358	3616.867	3749.067	
Anomaly	MLOS		17	0.80	03:10	E	2.133	47.367	48 133	49 500	46.733	3960.242	3403.992	
Anomaly	MLOS		24	0.80	01:10	I	48.233	3.158	49.825	51 392	43.958	5360.075	2002.267	
Anomaly	MLOS		20	0.50	08:25	U	0.025	50.067	48 525	50.092	49.175	6927.950	435.692	Girth Weld Anomaly
Anomaly	MLOS		15	1.00	10:20	I	16 892	32.317	49.283	49.208	48 017	7215.958	148.567	
Marker	AGM						2.092	50.125				7411.642	6238.667	AGM 8989+17 B.M. A170.31 (INS)
NCA	NCA			0.00	08:20	I	23.558	13 567	43.775	37.125	41.733	2981.533	3270.133	Mill Anomaly
NCA	NCA			0.00	01:40	I	23.600	13.525	43.775	37.125	41.733	2981.533	3270 133	Mill Anomaly
NCA	NCA			0 00	01:40	I	37 308	2.583	42.275	39.892	41 442	3102.667	3146.233	Mill Anomaly
NCA	NCA			0.00	01:50	I	5.775	37 758	22.900	43.533	42.867	4121.667	2123.592	Mill Anomaly
NCA	NCA			0.00	04:55	I	0.675	42.192	43.533	42.867	41.367	4165.200	2080.725	Mill Anomaly
NCA	NCA			0.00	05:20	I	0.133	38.483	39.383	38.617	42.617	4457.642	1792 533	Mill Anomaly
NCA	NCA			0.00	02:45	I	2.567	36 050	39.383	38.617	42.617	4457.642	1792.533	Mill Anomaly
Marker	AGM						13 075	28.300				6275.717	5567.583	AGM 8926+33 B.M. A169.12
Anomaly	MLOS		30	0 70	02:00	I	39.000	2.750	43.917	41.750	43 408	992.050	4562 083	Possible Non-Corrosion Anomaly
Anomaly	MLOS		25	1.00	01:50	I	39.567	2.183	43.917	41.750	43.408	992.050	4562.083	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	03:10	I	38.475	1.308	36.242	39.783	42.250	3132.183	2423.917	Mill Anomaly
Cluster	MLOS		34	1 00	05:50	I	37.842	3.275	43.533	41.117	43.217	3905.050	1649.717	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.70	08:10	I	43.067	0.300	42.075	43.367	44.858	4436.767	1115.750	
Marker	AGM						3 942	39.458				5591.942	6895.683	AGM 8870+40 B.M. A168.06
NCA	NCA			0.00	10:45	I	6 425	36.450	43.167	42.875	42.108	507.300	6384.967	Mill Anomaly
NCA	NCA			0 00	10:20	I	4.283	37.892	42.958	42.175	42.808	2807.183	4085.783	Mill Anomaly
Anomaly	MLOS		27	1.00	12:55	I	1.583	39.550	41.792	41.133	42.233	4477.367	2416.642	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	03:50	I	3.292	37.817	42.525	41.108	28.433	6697.400	196.633	Mill Anomaly

EMPCO-ARKGOV006758

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	VALV	(b) (7)(F)					2.408	2.367				6932.733	780.558	Valve Gate 8801+05 16 N. H. G
NCA	NCA			0.00	03:10	I	4.342	12.125	38.225	16.467	31.658	56.675	709.783	Mill Anomaly
NCA	NCA			0.00	11:50	E	32.692	8.058	3.992	40.750	1.250	369.092	373.083	Metal In Close Proximity
NCA	NCA			0.00	10:00	E	0.167	39.700	18.258	39 867	19.825	582 300	160.758	Mill Anomaly
Marker	VALV						2.467	2.300				780.458	6045.900	Valve B.V. # 1 S.H.G. 8793+16 B.M. V166.60
Anomaly	MLOS		17	0.70	12:40	E	27.042	22.792	50.658	49.833	41.667	126.325	5872.042	
Anomaly	MLOS		22	0 60	12:40	E	27.492	22.342	50.658	49.833	41.667	126.325	5872.042	
Anomaly	MLOS		17	0.70	07.10	E	45.325	4.508	50.658	49.833	41.667	126.325	5872.042	
Anomaly	MLOS		15	0.80	07:10	E	45.483	4.350	50.658	49.833	41.667	126.325	5872.042	
Anomaly	MLOS		15	0.70	04:45	E	46.042	3.792	50.658	49.833	41.667	126 325	5872.042	
Anomaly	MLOS		15	0.70	05:30	E	46.258	3.575	50.658	49.833	41.667	126.325	5872.042	
NCA	NCA			0.00	08:50	I	23.433	21.908	48.150	45.342	52.192	2497.025	3505.833	Mill Anomaly
NCA	NCA			0.00	11:20	E	51 750	0.442	45 342	52.192	49.450	2542.367	3453.642	Metal In Close Proximity
Anomaly	MLOS		20	0.60	12:55	I	44.600	5.917	48.850	50.517	50.267	2692.858	3304.825	
NCA	NCA			0 00	12:40	E	10.192	41 792	48.358	51.983	50.308	3228.025	2768.192	Metal In Close Proximity
Marker	AGM						5.642	42.558				6042.558	6707.742	AGM 8732+72 B.M. A165.45 (INS)
Cluster	MLOS		18	1.50	11:50	I	1.908	48.242	49.375	50.150	49.642	1764.233	4935.917	
NCA	NCA			0.00	02:40	E	35 617	14.975	47.283	50.592	48.408	2058.450	4641.258	Metal In Close Proximity
NCA	NCA			0.00	10:00	E	18.275	32.900	50.217	51.175	51.008	3166.725	3532.400	Metal In Close Proximity
Anomaly	MLOS		33	0.90	09:10	I	31.217	15.150	49.267	46.367	47.567	5434.950	1268.983	
Anomaly	MLOS		21	0.50	12:00	E	39.508	7.867	49.058	47.375	50.050	5627.950	1074.975	
Anomaly	MLOS		16	1.50	05:45	E	15.017	36.108	50.142	51.125	48.225	6547.900	151.275	
Anomaly	MLOS		17	0.70	04:15	E	15.267	35.858	50.142	51.125	48.225	6547.900	151.275	
Anomaly	MLOS		17	0.80	04:20	E	15.525	35.600	50.142	51.125	48.225	6547.900	151.275	
Anomaly	MLOS		17	1.00	05:00	E	15.650	35.475	50.142	51.125	48.225	6547.900	151.275	
Anomaly	MLOS		15	0.90	05:15	E	25.942	25.183	50.142	51.125	48.225	6547.900	151.275	
Anomaly	MLOS		15	0.90	12:05	E	31.975	16.250	51.125	48.225	50.325	6599.025	103.050	
Anomaly	MLOS		15	1.10	12:10	E	33.592	16.733	48.225	50.325	50.033	6647.250	52.725	
Anomaly	MLOS		29	1.00	08:25	E	22.442	27 592	50.325	50.033	50.175	6697.575	2 692	
Marker	AGM						2.692	47.483				6747.608	7024.300	AGM 8665+16 B.M. A164.17
Anomaly	MLOS		15	0.50	06:05	E	23.925	26.058	7.758	49.983	51.483	98.058	6923.742	
Anomaly	MLOS		15	0.90	11:35	E	14.950	36.533	49.983	51 483	49.917	148.042	6872.258	
Cluster	MLOS		19	3.20	12:10	E	16.742	34.742	49.983	51.483	49.917	148.042	6872.258	

EMPCO-ARKGOV006759

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.60	12:30	E	18.733	32.750	49.983	51.483	49.917	148.042	6872.258	
Cluster	MLOS		11	3.40	11:45	E	18.992	32.492	49.983	51.483	49.917	148.042	6872.258	
Anomaly	MLOS		32	2.00	12:10	E	20.642	30.842	49.983	51 483	49.917	148.042	6872.258	
Cluster	MLOS		18	2 70	11:00	E	21.125	30.358	49.983	51.483	49.917	148.042	6872.258	
Cluster	MLOS		14	3 30	12:00	E	21.192	30.292	49.983	51.483	49.917	148 042	6872.258	
Anomaly	MLOS		15	1.00	11:10	E	21.592	29.892	49.983	51.483	49.917	148.042	6872.258	
Cluster	MLOS		19	1.70	10:55	E	27.342	24.142	49.983	51.483	49 917	148.042	6872.258	
Anomaly	MLOS		15	0.80	11:50	E	27.625	23.858	49.983	51.483	49.917	148.042	6872.258	
Anomaly	MLOS		15	1.10	12:30	E	28.692	22.792	49.983	51 483	49.917	148.042	6872.258	
Anomaly	MLOS		17	0.80	10:50	E	31.450	20.033	49.983	51.483	49.917	148.042	6872 258	
Anomaly	MLOS		18	0 90	12:20	E	32.458	19.025	49.983	51.483	49.917	148.042	6872 258	
Anomaly	MLOS		17	1 00	01:15	E	32.875	18.608	49.983	51.483	49.917	148.042	6872.258	
Cluster	MLOS		14	1 70	12:00	E	33.208	18.275	49 983	51.483	49.917	148.042	6872.258	
Anomaly	MLOS		15	0.90	12:00	E	33.508	17.975	49.983	51.483	49.917	148.042	6872 258	
Anomaly	MLOS		15	0.70	12:15	E	33.758	17.725	49.983	51.483	49.917	148.042	6872.258	
Anomaly	MLOS		16	0.60	04:55	E	27.575	23.483	49.150	51.058	46.242	298.592	6722.133	
Anomaly	MLOS		15	1.00	04:55	E	28.075	22 983	49.150	51.058	46.242	298.592	6722 133	
Anomaly	MLOS		40	0.90	04:50	E	28.267	22.792	49.150	51.058	46.242	298.592	6722.133	
Anomaly	MLOS		72	1.00	04:50	E	28.500	22.558	49.150	51 058	46.242	298.592	6722.133	
Cluster	MLOS		19	2.00	05:10	E	29.458	21.600	49.150	51.058	46.242	298.592	6722.133	
Anomaly	MLOS		31	0.90	04:55	E	29.692	21.367	49.150	51.058	46.242	298.592	6722.133	
Anomaly	MLOS		15	0.50	05:05	E	32.008	19.050	49.150	51.058	46.242	298.592	6722.133	
Anomaly	MLOS		17	0 70	04:45	E	32.658	18.400	49.150	51 058	46.242	298.592	6722.133	
Anomaly	MLOS		20	1.10	12:50	E	20.458	29.650	46.242	50.108	48.108	395.892	6625.783	
Cluster	MLOS		19	2.50	12:50	E	28.358	21.750	46.242	50.108	48.108	395.892	6625.783	
Anomaly	MLOS		16	1 20	11:55	E	35.275	14.833	46.242	50.108	48.108	395.892	6625.783	
Anomaly	MLOS		19	0.90	12:00	E	36.892	13.217	46.242	50.108	48.108	395.892	6625.783	
Cluster	MLOS		17	1.60	01:40	E	5.283	46.358	51.008	51.642	49.092	590 233	6429 908	
NCA	NCA			0.00	03:25	I	14 058	36.542	49.533	50.600	50.092	788.267	6232.917	Mill Anomaly
Anomaly	MLOS		16	0.70	07:40	E	20 525	20 958	48.658	41.483	48.950	1134.592	5895.708	
Anomaly	MLOS		17	0.80	04:00	E	5.758	38.700	48.950	44.458	47.842	1225.025	5802.300	
NCA	NCA			0.00	12:00	I	10.725	33.733	48.950	44.458	47.842	1225.025	5802.300	Mill Anomaly
NCA	NCA			0.00	12:10	I	15 758	32.917	45.300	48.675	45.933	1927.100	5096.008	Mill Anomaly

EMPCO-ARKGOV006760

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	11:50	I	38.475	10.200	45.300	48.675	45.933	1927.100	5096.008	Long Seam Anomaly
Anomaly	MLOS		27	0.60	11.50	I	0.850	46.892	47.425	47.742	48.708	2813.400	4210.642	
Anomaly	MLOS		15	0.90	09:50	E	3.600	45.650	50.183	49.250	5.500	3480.383	3542.150	
Anomaly	MLOS		15	0.60	05.15	E	4.200	42.258	45.442	46.458	46.283	4016.075	3009.250	
Cluster	MLOS		15	1.60	04:55	E	33.550	12.733	46.458	46.283	46.475	4062.533	2962.967	
Anomaly	MLOS		16	1.00	04:30	E	35.008	11 275	46.458	46 283	46.475	4062.533	2962.967	
Anomaly	MLOS		17	0.50	07.00	E	7.117	41.783	46.475	48.900	47.625	4155.292	2867.592	
Anomaly	MLOS		23	1.00	06:30	E	31.092	16.858	48 300	47.950	47.850	5017.442	2006.392	
NCA	NCA			0.00	02:50	I	6.225	42.758	47.850	48.983	47.675	5113.242	1909 558	Mill Anomaly
Anomaly	MLOS		18	0.60	06:10	E	31.075	13.908	47.300	44 983	49.758	5304.592	1722.208	
Anomaly	MLOS		18	0.60	03:40	I	36.000	12.225	45.717	48.225	25.842	5445.050	1578.508	
Anomaly	MLOS		18	0.80	05:20	E	29.967	20.142	46.383	50.108	42.858	5659.250	1362.425	
Anomaly	MLOS		17	0.80	05:05	E	7.717	35.142	50.108	42.858	46.925	5709.358	1319.567	
Anomaly	MLOS		17	0.80	06:00	E	9.308	37.958	46 925	47.267	51.442	5799.142	1225.375	
Anomaly	MLOS		19	1.00	05:40	E	40.708	6.558	46.925	47.267	51.442	5799.142	1225.375	
Anomaly	MLOS		19	1.00	05:30	E	41.767	5.500	46.925	47.267	51.442	5799.142	1225 375	
Anomaly	MLOS		22	0.70	05:40	E	44.358	2.908	46.925	47.267	51.442	5799.142	1225.375	
Anomaly	MLOS		15	0.70	05:30	E	3.842	42.883	51.442	46.725	46.950	5897.850	1127.208	
Anomaly	MLOS		17	0.60	06:40	E	9.708	37.242	46.725	46.950	49.883	5944.575	1080.258	
Anomaly	MLOS		16	1.00	05:30	E	33.067	15.267	50.717	48.333	50.650	6138.267	885.183	
Anomaly	MLOS		24	1.40	06:20	I	40.233	9.658	52.075	49.892	48.467	6584.475	437.417	
Anomaly	MLOS		16	1.00	02:35	I	43.658	6.233	52.075	49.892	48.467	6584.475	437.417	
Marker	AGM						34.058	17.358				7037.725	3713.608	AGM 8594+45 B.M. A162.83
Anomaly	MLOS		17	0.60	08:00	I	21.992	30.708	41.325	52.700	49.942	116.992	3561.275	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.50	04:50	E	39.650	12.900	50.567	52.550	50.992	2119.300	1559.117	
Marker	AGM						3.483	43.317				3727.483	7714.558	AGM 8557+15 B.M. A162.13 (INS)
Anomaly	MLOS		20	0.70	07:45	E	33.517	5.317	50.267	38.833	50.558	1548.000	6171.042	
Anomaly	MLOS		21	0.60	07:10	E	12.908	36.975	48.175	49.883	47.367	3471.842	4236.150	
Anomaly	MLOS		16	0.30	04:30	E	29.633	19.050	47.917	48.683	47.950	4098.600	3610.592	
Anomaly	MLOS		18	0.60	07:10	E	47.825	0.858	47.917	48.683	47.950	4098.600	3610.592	
Anomaly	MLOS		15	0.90	06:55	E	39.925	9.858	47.950	49.783	50.142	4195.233	3512.858	
Anomaly	MLOS		15	0.90	07:30	E	18.117	30.892	50.142	49.008	50.808	4295.158	3413.708	
Anomaly	MLOS		16	0.70	07:10	E	29.100	17.267	50.242	46.367	50.575	5035.275	2676.233	

EMPCO-ARKGOV006761

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.70	05:05	E	37.492	10.683	50.575	48.175	48.517	5132.217	2577.483	
Anomaly	MLOS		17	0.50	06:50	E	12.058	36.458	48.175	48.517	51.467	5180.392	2528.967	
Anomaly	MLOS		20	0.80	03:30	E	20 658	29.858	52.333	50.517	7.833	7561.500	145.858	
Marker	VALV						2 375	2.375				7755.500	7063.467	Valve B.V. # G27 8479+04 B.M. V160.65
Anomaly	MLOS		17	0.90	06:40	E	42.592	8.217	15.633	50.808	50.858	145.025	6870.008	
NCA	NCA			0 00	06:15	I	28.442	22.417	50.808	50.858	50.017	195.833	6819.150	Mill Anomaly
Anomaly	MLOS		25	0.80	06:30	E	22.975	26.658	48.683	49.633	49 633	579.483	6436.725	
Anomaly	MLOS		17	0.70	06:55	E	28.417	21.217	49.633	49.633	52.092	629.117	6387.092	
Anomaly	MLOS		16	0.70	06:10	E	31.892	20.200	49.633	52.092	44.583	678.750	6335.000	
Cluster	MLOS		17	1.40	06:10	E	37.100	14.992	49.633	52.092	44.583	678.750	6335.000	
Anomaly	MLOS		19	0.70	06:20	E	37.392	14.700	49.633	52.092	44.583	678.750	6335.000	
Cluster	MLOS		18	2.50	05:35	E	39.292	12.800	49.633	52.092	44.583	678.750	6335.000	
Anomaly	MLOS		15	0.70	05:10	E	39.508	12.583	49.633	52.092	44.583	678.750	6335.000	
Anomaly	MLOS		28	1.50	06:35	E	40.792	11.300	49.633	52 092	44.583	678.750	6335.000	
Cluster	MLOS		15	2.00	05:25	E	40.875	11.217	49 633	52.092	44 583	678.750	6335.000	
Anomaly	MLOS		21	0.50	05:15	E	32.425	12.158	52 092	44.583	4.808	730.842	6290.417	
Cluster	MLOS		14	2.30	06:20	E	32.667	11.917	52.092	44.583	4.808	730.842	6290.417	
NCA	NCA			0.00	02:00	I	34.425	1.800	42.275	36.225	37.550	1966.892	5062.725	Mill Anomaly
NCA	NCA			0.00	09:40	I	34.508	1.717	42.275	36.225	37.550	1966.892	5062.725	Mill Anomaly
NCA	NCA			0.00	09:55	I	0.867	38.550	41 192	39.417	43.800	2536.875	4489.550	Mill Anomaly
Anomaly	MLOS		34	0.50	05:20	I	2.258	36.225	43.033	38.483	42.725	3557.183	3470.175	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	10:25	I	7.933	34.475	43.150	42.408	42.667	5223.242	1800.192	Mill Anomaly
Anomaly	MLOS		19	1.10	05:50	E	33.558	9.742	44.350	43.300	39.167	5894.517	1128.025	
Anomaly	MLOS		18	0.80	08:55	E	39.650	3.892	42 775	43.542	44 000	6508.825	513.475	
Marker	VALV						2.475	2.183				7063.367	8278.192	Valve B.V. # G27A 8409+09 B.M. V159.32
Anomaly	MLOS		22	0.60	01:10	E	7.025	41.083	49.775	48 108	50.333	876.575	7355.692	
Anomaly	MLOS		15	0.50	01:40	I	15.458	35.667	14.792	51.125	49.500	1257.492	6971.758	
NCA	NCA			0.00	02:10	I	18.583	31 967	50.675	50.550	48.600	1940.567	6289 258	Mill Anomaly
Anomaly	MLOS		16	0 70	11:30	E	33.175	9.333	45.600	42.508	40.125	6327.417	1910.450	
Marker	AGM						28.733	17.608				8251.642	5864.125	AGM 8326+24 B.M. A157.75
NCA	NCA			0.00	05:20	I	0.775	46.250	45 367	47.025	44.808	779.817	5054.892	Mill Anomaly
Anomaly	MLOS		23	0.80	05:25	E	22.083	28.042	50.425	50.125	49.800	1388.950	4442.658	
Cluster	MLOS		29	1.90	05:10	E	22.350	27.775	50.425	50.125	49.800	1388.950	4442.658	

EMPCO-ARKGOV006762

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	23	1 00	05:40	E	22.800	27.325	50 425	50.125	49.800	1388.950	4442.658	
Anomaly	MLOS		41	1.00	05:45	E	26.783	23.342	50.425	50.125	49.800	1388.950	4442.658	
Anomaly	MLOS		18	0.70	05:45	E	29.608	20.517	50.425	50.125	49.800	1388.950	4442.658	
Anomaly	MLOS		46	0.80	05:45	E	4.042	45.758	50.125	49 800	9.400	1439.075	4392.858	
Anomaly	MLOS		15	1.10	04:55	I	17 983	33.075	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		16	1.10	04:35	E	28.108	22 950	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		20	2.50	04:30	E	28.333	22.725	9.400	51.058	39.700	1498.275	4332.400	
Anomaly	MLOS		17	0.60	04:35	E	29.333	21.725	9.400	51 058	39.700	1498.275	4332.400	
Anomaly	MLOS		18	0.50	04:30	E	33.017	18.042	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		15	1.50	04:35	E	33.483	17.575	9 400	51.058	39.700	1498.275	4332 400	
Anomaly	MLOS		15	0.60	05:35	E	33.533	17.525	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		12	1 40	04:30	E	33 717	17.342	9.400	51.058	39.700	1498.275	4332.400	
Anomaly	MLOS		19	1.30	04:55	E	35.383	15 675	9.400	51.058	39.700	1498.275	4332.400	
Anomaly	MLOS		15	1.40	04:35	E	35.767	15.292	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		15	1.40	06:15	E	35.867	15.192	9.400	51 058	39.700	1498.275	4332.400	
Anomaly	MLOS		22	0.70	05:00	E	36 792	14.267	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		14	0.50	04:55	E	37 217	13.842	9.400	51.058	39.700	1498.275	4332.400	
Cluster	MLOS		15	2.70	04:55	E	38.300	12 758	9.400	51.058	39.700	1498.275	4332.400	
Anomaly	MLOS		16	0.80	05:45	E	19.083	20.617	51.058	39.700	38.633	1549.333	4292.700	
Anomaly	MLOS		16	0.40	05:50	E	47.808	1.400	49.725	49.208	44.383	1866.933	3965.592	
Anomaly	MLOS		18	1.30	07:10	E	2.883	42.583	42.150	45.467	51.008	2139.458	3696 808	
Anomaly	MLOS		18	0.60	11:00	E	15.458	35.550	45.467	51.008	49.975	2184.925	3645.800	
NCA	NCA			0.00	05:00	I	49.300	0.425	44.833	49.725	45.042	3792.367	2039.642	Mill Anomaly
Anomaly	MLOS		19	1 20	07:40	E	22.733	11.275	45.167	34.008	34.383	4594.650	1253.075	
Marker	AGM						34.375	9.117				5847.358	3232 142	AGM 8267+36 B.M. A156.64 (INS)
Anomaly	MLOS		21	1.30	04:15	E	26.033	19.408	47.108	45.442	44.333	368.508	2827.308	
Anomaly	MLOS		22	0.90	07:20	E	33.275	12.167	47.108	45.442	44.333	368.508	2827.308	
Marker	AGM						42.058	0.525				3199.200	3697.208	AGM 8235+02 B.M A156.03
NCA	NCA			0.00	11:40	I	4.600	45.900	42.133	50.500	45.192	1149.183	2498 050	Mill Anomaly
Anomaly	MLOS		19	0.90	02:45	I	38.875	8.308	47.183	47.183	46.000	1974.908	1675.642	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0.50	05:20	I	44.758	1.225	46.225	45.983	49.700	2348.567	1303.183	
NCA	NCA			0.00	02:35	I	30.683	2.983	49.525	33.667	46.008	3498.583	165.483	Mill Anomaly
Marker	AGM						19.342	26.983				3678.392	6648.992	AGM 8197+74 B.M. A155.32

EMPCO-ARKGOV006763

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	17	1.00	06:10	E	17.508	28.583	48.492	46.092	49.742	1147.558	5482 325	
NCA	NCA			0.00	10.00	I	35.550	9.517	50 158	45.067	46.458	1293.550	5337.358	Mill Anomaly
Cluster	MLOS		20	2.60	03.30	I	21.608	28.700	46 333	50.308	49.517	2101.442	4524.225	
Anomaly	MLOS		15	0.40	10:50	I	30.433	14.867	44.158	45.300	48.983	2806.267	3824.408	
NCA	NCA			0.00	09.30	I	29.133	19.333	48.825	48.467	50.067	4465.975	2161.533	Mill Anomaly
Anomaly	MLOS		17	0.60	06:30	I	30.275	20.317	37.708	50.592	49.825	5838.408	786.975	
NCA	NCA			0.00	04:50	I	0.317	48.217	50.233	48.533	46 617	6091.350	536.092	Mill Anomaly
Cluster	MLOS		33	1.60	03:20	E	27.983	20.550	50.233	48.533	46 617	6091.350	536.092	
Cluster	MLOS		21	1.40	09:05	E	43.900	4.633	50.233	48.533	46 617	6091.350	536.092	
Anomaly	MLOS		15	0.60	04:00	E	2.608	44.008	48.533	46.617	52.517	6139.883	489.475	
Cluster	MLOS		22	3.10	02:30	E	3.850	42.767	48.533	46.617	52 517	6139.883	489.475	
Anomaly	MLOS		18	1.20	08:50	E	4.175	42.442	48.533	46.617	52 517	6139.883	489.475	
Anomaly	MLOS		32	1.10	04:50	E	4.925	41.692	48.533	46.617	52.517	6139.883	489.475	
Anomaly	MLOS		18	1.30	03:40	E	6.617	40 000	48.533	46.617	52.517	6139.883	489.475	
Anomaly	MLOS		16	1 00	07:55	E	17.583	29.033	48.533	46.617	52.517	6139.883	489.475	
Anomaly	MLOS		15	1.20	07:55	E	19.650	26.967	48.533	46.617	52.517	6139.883	489.475	
Anomaly	MLOS		15	0.50	07:50	E	31.533	15.083	48 533	46.617	52.517	6139.883	489.475	
Anomaly	MLOS		25	1.50	07:50	E	31.933	14.683	48.533	46.617	52.517	6139.883	489.475	
Marker	AGM						8.075	44.067				6667.900	5698 133	AGM 8131+20 B.M. A154.06
Anomaly	MLOS		18	0.80	12:30	I	5.583	44.250	34.575	49.833	50.892	747.350	4945.017	
Anomaly	MLOS		18	0.80	09:00	E	43.258	5.442	49.692	48 700	49.683	1285.650	4407.850	
Cluster	MLOS		25	2.00	08:20	E	25.742	22 500	48.808	48.242	49.158	2656.217	3037.742	
Anomaly	MLOS		15	1.00	07:45	E	21.900	27.258	48.242	49.158	49.375	2704.458	2988.583	
Anomaly	MLOS		15	0.90	04:00	E	30.800	18.525	48 158	49.325	49.767	2979.842	2713.033	
Anomaly	MLOS		28	1.10	08:15	E	30.892	18.433	48.158	49.325	49.767	2979.842	2713.033	
Anomaly	MLOS		26	1.20	03:25	E	35.567	13 758	48.158	49.325	49.767	2979.842	2713.033	
Anomaly	MLOS		17	1.10	04:40	E	13.592	36 175	49.325	49.767	49.033	3029.167	2663.267	
Cluster	MLOS		19	2.10	04:10	E	21.350	28.417	49.325	49.767	49.033	3029.167	2663.267	
Anomaly	MLOS		20	1.00	03:20	E	44.450	5.317	49.325	49.767	49.033	3029.167	2663 267	
Cluster	MLOS		18	1.90	05:30	E	0.992	48.042	49.767	49.033	44.442	3078.933	2614 233	
Anomaly	MLOS		17	1 20	05:20	E	4.592	44 442	49.767	49.033	44.442	3078.933	2614.233	
Anomaly	MLOS		28	1.30	04:00	E	46.342	2.200	40.908	48.542	49.817	3362.475	2331.183	
Anomaly	MLOS		18	0.80	04:30	E	1.342	48.475	48.542	49.817	49.867	3411.017	2281.367	

EMPCO-ARKGOV006764

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	19	1.00	06:30	E	8.058	41.808	49.817	49.867	49.325	3460.833	2231.500	
Anomaly	MLOS		23	0 80	06:45	E	19.758	30.108	49 817	49.867	49.325	3460.833	2231.500	
Anomaly	MLOS		19	0.80	03:25	E	28.842	20.433	50.333	49.275	50 083	3907.842	1785.083	
Marker	AGM						33.958	13.733				5708.242	4534.483	AGM 8073+79 B.M. A152.97 (INS)
Anomaly	MLOS		15	0.80	05:40	E	34.058	15.858	47.433	49.917	48.825	259.533	4238.767	
Anomaly	MLOS		21	0.70	05:40	E	40.592	9.325	47.433	49.917	48.825	259.533	4238.767	
Anomaly	MLOS		16	1.00	04:55	E	40.450	2.158	41.842	42.608	44.342	2749.967	1755.642	
Marker	AGM						16.233	29.450				4531.983	5671.642	AGM 8028+26 B.M. A152.11
NCA	NCA			0.00	09:50	E	45 000	1.258	43.950	46 258	44.642	1031.417	4623 417	Metal In Close Proximity
Anomaly	MLOS		38	1 80	04:10	E	33.500	13.892	47.667	47.392	50.100	1307.700	4346.000	
Anomaly	MLOS		18	0.60	07:20	E	1.442	48.658	47.392	50.100	44.692	1355.092	4295.900	
Cluster	MLOS		21	2.70	06:20	E	39.475	10.625	47.392	50 100	44.692	1355.092	4295.900	
Anomaly	MLOS		17	0.80	08:15	E	7.933	36.758	50.100	44.692	51.300	1405.192	4251.208	
Anomaly	MLOS		22	0.90	08:20	E	27.150	17.542	50.100	44.692	51.300	1405.192	4251.208	
Cluster	MLOS		21	1.30	04:00	E	29.717	14.975	50 100	44.692	51.300	1405.192	4251.208	
Cluster	MLOS		16	1.90	03:40	E	30 150	14.542	50 100	44.692	51.300	1405.192	4251.208	
Cluster	MLOS		18	3.10	07:50	E	31.333	13.358	50.100	44.692	51.300	1405.192	4251.208	
Anomaly	MLOS		21	0.80	08:05	E	32.367	12.325	50.100	44.692	51.300	1405.192	4251.208	
Anomaly	MLOS		27	1.20	05:50	E	10.542	40.758	44.692	51.300	43.133	1449.883	4199.908	
Cluster	MLOS		20	1.90	05:55	E	11.092	40.208	44.692	51.300	43.133	1449.883	4199.908	
Anomaly	MLOS		18	0.80	06:10	E	13.808	37.492	44.692	51.300	43.133	1449.883	4199.908	
Anomaly	MLOS		18	1 10	05:10	E	18.892	32.408	44.692	51.300	43.133	1449.883	4199.908	
Cluster	MLOS		24	1.70	05:45	E	1.225	48 008	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		17	1.10	05:00	E	1.492	47.742	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		22	0.90	05:45	E	1.492	47.742	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		15	1.20	06:45	E	2.117	47.117	47.517	49 233	47.383	1591.833	4060.025	
Anomaly	MLOS		20	1.00	05:20	E	2.392	46.842	47.517	49.233	47.383	1591.833	4060.025	
Cluster	MLOS		24	1.80	06:40	E	4.783	44.450	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		16	0.80	06:30	E	5 275	43.958	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		22	1.10	06:35	E	5.583	43.650	47.517	49.233	47.383	1591.833	4060.025	
Anomaly	MLOS		15	0.60	05:45	E	47.992	0.342	47.383	48.333	47.558	1688.450	3964.308	
Anomaly	MLOS		18	0.50	05:35	E	13.725	33.833	48.333	47.558	46.483	1736.783	3916.750	
Anomaly	MLOS		20	1.00	05:00	E	25.642	19.100	46.483	44.742	43.300	1830.825	3825.525	

EMPCO-ARKGOV006765

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.20	06:55	E	25.733	19 008	46.483	44.742	43.300	1830.825	3825.525	
Anomaly	MLOS		16	1.10	06:45	E	27.917	16.825	46 483	44.742	43.300	1830.825	3825.525	
Anomaly	MLOS		22	0.90	06:20	E	44.475	0.267	46.483	44.742	43 300	1830.825	3825.525	
Cluster	MLOS		19	1.70	05:10	E	3.525	39 775	44.742	43.300	46 158	1875.567	3782.225	
Anomaly	MLOS		16	1.00	06.25	E	37.650	5.650	44.742	43.300	46.158	1875.567	3782.225	
Cluster	MLOS		18	0.70	05.35	E	8.758	37.400	43.300	46.158	45.233	1918.867	3736.067	
Anomaly	MLOS		20	0.70	06.15	E	36.017	9.217	46.158	45.233	46.350	1965.025	3690.833	
Anomaly	MLOS		18	1.00	04.50	E	43.758	1.475	46.158	45.233	46.350	1965.025	3690.833	
Anomaly	MLOS		18	1.10	06:25	E	13.725	32.625	45.233	46.350	47.817	2010.258	3644.483	
Anomaly	MLOS		15	1.00	05:50	E	14 983	31.367	45.233	46.350	47.817	2010.258	3644.483	
Anomaly	MLOS		15	1.10	06:15	E	22 850	23.500	45.233	46.350	47.817	2010.258	3644.483	
Cluster	MLOS		18	1.70	04:55	E	23 867	22.483	45 233	46.350	47.817	2010.258	3644.483	
Anomaly	MLOS		19	1.10	06:40	E	24 217	22.133	45.233	46.350	47.817	2010.258	3644.483	
Anomaly	MLOS		17	1.00	05:10	E	26.167	20 183	45.233	46.350	47.817	2010.258	3644.483	
Anomaly	MLOS		16	0.60	06:10	E	14.333	33.483	46.350	47.817	47 317	2056.608	3596.667	
Anomaly	MLOS		19	1.20	05:20	E	46.700	1.117	46.350	47.817	47.317	2056.608	3596.667	
Anomaly	MLOS		18	1.00	05:10	E	18 767	28.550	47.817	47.317	48.025	2104.425	3549.350	
Anomaly	MLOS		15	0.70	05:30	E	10.350	39.417	45.958	49 767	49.325	2292.008	3359.317	
Anomaly	MLOS		18	0 70	05:35	E	11.150	38.617	45.958	49.767	49.325	2292.008	3359.317	
Anomaly	MLOS		18	0.80	05:55	E	30 333	19.433	45.958	49.767	49.325	2292.008	3359.317	
Cluster	MLOS		21	1.50	06:00	E	47.850	1.475	49.767	49 325	49.867	2341.775	3309.992	
Anomaly	MLOS		18	1.20	06:10	E	0.417	49.450	49.325	49.867	46.650	2391.100	3260.125	
Anomaly	MLOS		15	1 00	06:30	E	42.175	4.950	46.650	47.125	47.725	2487.617	3166.350	
Anomaly	MLOS		18	1.10	06:30	E	42.842	4.283	46.650	47.125	47.725	2487.617	3166.350	
Anomaly	MLOS		21	0.90	05:30	E	12.158	34.442	47.725	46 600	48.683	2582.467	3072.025	
Anomaly	MLOS		16	1.10	06:45	E	14.575	32.025	47.725	46.600	48.683	2582.467	3072.025	
Anomaly	MLOS		15	1.30	06:10	E	14.208	34.475	46.600	48.683	49.817	2629.067	3023.342	
Anomaly	MLOS		25	1.30	05:45	E	17.258	32.558	48.683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		17	0 50	05:30	E	22.967	26.850	48.683	49.817	47.242	2677.750	2973.525	
Cluster	MLOS		35	3 20	06:20	E	24.708	25.108	48.683	49.817	47 242	2677.750	2973.525	
Anomaly	MLOS		19	0.50	06:40	E	36.542	13.275	48.683	49.817	47 242	2677.750	2973.525	
Cluster	MLOS		17	1.70	05:50	E	42.500	7.317	48 683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		21	0 60	06:45	E	42.675	7.142	48 683	49 817	47.242	2677.750	2973.525	

EMPCO-ARKGOV006766

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	26	2.40	06:10	E	42.992	6.825	48.683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		25	0 80	06:45	E	43 358	6.458	48.683	49.817	47.242	2677.750	2973 525	
Cluster	MLOS		12	1.70	04:50	E	43.442	6.375	48.683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		15	0.80	05:30	E	43.858	5.958	48.683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		19	0.40	05:10	E	44.175	5.642	48.683	49.817	47 242	2677.750	2973.525	
Cluster	MLOS		15	3 80	06.55	E	44.625	5.192	48 683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		15	0.70	05:20	E	46.875	2.942	48.683	49.817	47.242	2677.750	2973.525	
Cluster	MLOS		27	1.30	05:30	E	47.192	2.625	48.683	49.817	47.242	2677.750	2973.525	
Anomaly	MLOS		16	1.00	05:35	E	1 158	46.083	49.817	47.242	45.433	2727.567	2926.283	
Anomaly	MLOS		15	0.60	05:40	E	29.092	18.150	49.817	47.242	45.433	2727.567	2926.283	
Anomaly	MLOS		18	0 40	05.25	E	8.325	37.108	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		17	1.00	05:30	E	8.933	36.500	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		17	0.60	06:20	E	27.733	17.700	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		19	1.50	05:25	E	31.167	14.267	47 242	45.433	45 058	2774.808	2880.850	
Anomaly	MLOS		23	1.00	06:00	E	34.550	10.883	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		21	1.70	05:15	E	35.400	10.033	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		20	0.90	05:50	E	37.917	7.517	47.242	45.433	45.058	2774.808	2880.850	
Anomaly	MLOS		17	0.90	05:50	E	1.675	43.383	45.433	45.058	44.925	2820.242	2835.792	
Anomaly	MLOS		19	1.50	05:50	E	1.933	43.125	45.433	45.058	44.925	2820.242	2835 792	
Anomaly	MLOS		16	1.20	05:35	E	3.300	41.758	45.433	45.058	44.925	2820.242	2835.792	
Anomaly	MLOS		16	1.20	05:50	E	15.083	29.975	45.433	45.058	44.925	2820.242	2835.792	
Anomaly	MLOS		19	0.70	06:20	E	22.633	22.425	45.433	45.058	44.925	2820.242	2835.792	
Cluster	MLOS		22	2.70	05:55	E	25.000	20.058	45.433	45.058	44.925	2820.242	2835.792	
Cluster	MLOS		16	1.20	05:30	E	27.850	17.208	45.433	45.058	44.925	2820.242	2835.792	
Anomaly	MLOS		17	0.80	05:30	E	28.100	16.958	45.433	45.058	44.925	2820.242	2835.792	
Anomaly	MLOS		19	1.00	05:50	E	32.400	12.658	45.433	45.058	44.925	2820.242	2835.792	
Cluster	MLOS		27	2.10	05:50	E	2.700	42.225	45.058	44.925	36.442	2865.300	2790.867	
Anomaly	MLOS		21	0.80	04:55	E	4.908	40.017	45.058	44.925	36.442	2865.300	2790.867	
Anomaly	MLOS		17	0.70	05:55	E	5.675	39.250	45 058	44.925	36 442	2865.300	2790.867	
Anomaly	MLOS		15	0.90	06:55	E	22.850	22.075	45.058	44.925	36 442	2865.300	2790.867	
Anomaly	MLOS		17	1.10	06:45	E	28.775	16.150	45.058	44.925	36.442	2865.300	2790.867	
Anomaly	MLOS		19	1.20	05:05	E	5.633	40.550	36.442	46.183	47.258	2946.667	2708.242	
Anomaly	MLOS		15	1.10	06:40	E	2.675	44.583	46.183	47.258	41.892	2992.850	2660.983	

EMPCO-ARKGOV006767

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.50	05:40	E	2.858	44.350	46.783	47.208	47.817	3128.783	2525.100	
Cluster	MLOS		24	2.10	05:15	E	11.833	35.375	46.783	47.208	47.817	3128.783	2525.100	
Anomaly	MLOS		20	0.90	05:30	E	20.075	27.133	46.783	47.208	47.817	3128.783	2525.100	
Cluster	MLOS		15	2.00	05:50	E	30.892	16.317	46.783	47.208	47.817	3128.783	2525.100	
Anomaly	MLOS		15	0 70	06:15	E	23.550	23.708	47.333	47.258	45.750	3409.208	2244.625	
Anomaly	MLOS		19	0.70	05:30	E	15.500	30.250	47.258	45.750	51.842	3456.467	2198.875	
Anomaly	MLOS		25	0.90	05:50	E	41.692	5.975	43.608	47.667	47.642	4526.967	1126.458	
Anomaly	MLOS		24	0.50	03:00	I	50.208	0.658	45.567	50.867	39.917	4866.842	783.383	
Anomaly	MLOS		17	0.70	05:50	E	22.517	23 533	47.392	46 050	46.275	5337.892	317.150	
Marker	AGM						38.067	9.825				5663.025	8633.433	AGM 7944+25 B.M. A150.52
Anomaly	MLOS		20	0.70	05:15	E	23.433	23 833	46.275	47.267	45.975	661.517	7934.475	
Anomaly	MLOS		17	0.50	05:30	E	35.642	9.058	47.733	44 700	50.775	2593.108	6005.450	
Anomaly	MLOS		24	0.50	06:35	E	29.867	20 908	44.700	50.775	49.408	2637.808	5954.675	
Anomaly	MLOS		18	0.80	05:30	E	5.092	45 850	49.408	50.942	49.892	2737.992	5854.325	
Anomaly	MLOS		16	0 90	05:45	I	39.175	11.767	49 408	50.942	49.892	2737.992	5854.325	
Anomaly	MLOS		33	2 30	04:00	I	18.967	22.225	43 292	41.192	44 908	4698.892	3903.175	
Anomaly	MLOS		24	1.20	02:20	E	20.775	20.417	43.292	41.192	44.908	4698.892	3903.175	
Anomaly	MLOS		16	0.80	12:10	E	8.217	32.050	45.108	40.267	49.483	6097.733	2505.258	
Anomaly	MLOS		17	0.60	06:00	E	23.633	25 850	40.267	49 483	45.842	6138.000	2455.775	
NCA	NCA			0.00	07:45	I	46.233	3.367	45.617	49.600	44 542	6415.542	2178.117	Mill Anomaly
Anomaly	MLOS		18	0.70	05:35	E	44.917	0.667	44.542	45.583	30.175	6509.683	2087.992	
Marker	AGM						4.617	30.608				8638.642	6116.442	AGM 7884+73 B.M. A149.39
Anomaly	MLOS		15	0.80	07:50	E	8.983	26.242	47 375	35.225	44.775	-4.617	6116.442	
Anomaly	MLOS		15	0.60	05:05	E	38.133	10.125	39.892	48.258	51.308	233.667	5865.125	
Anomaly	MLOS		16	0.50	05:40	E	41.217	7.042	39.892	48.258	51.308	233 667	5865 125	
NCA	NCA			0.00	10:30	I	5.283	43.817	44 925	49.100	48.175	1266.133	4831.817	Mill Anomaly
Anomaly	MLOS		29	1.40	05:55	E	6.825	41.808	49.300	48.633	50.142	1463.142	4635.275	
Anomaly	MLOS		16	1.10	06:05	E	7.183	41.450	49.300	48.633	50.142	1463.142	4635.275	
Anomaly	MLOS		18	0.90	06:20	E	7.883	40.750	49.300	48.633	50.142	1463.142	4635.275	
Anomaly	MLOS		16	1.00	06:25	E	10.517	38.117	49 300	48.633	50.142	1463.142	4635.275	
Anomaly	MLOS		15	0.80	06:20	E	11.400	37.233	49.300	48.633	50.142	1463.142	4635.275	
Cluster	MLOS		17	1.90	02:15	I	0.808	49.450	47.025	50.258	46.358	2902.700	3194.092	
NCA	NCA			0.00	10:25	I	10.783	41.150	49.692	51.933	46.042	3881.375	2213.742	Mill Anomaly

EMPCO-ARKGOV006768

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	23	1.40	03:20	I	0.583	45.875	48.225	46.458	52.592	4510.650	1589.942	
NCA	NCA			0.00	12:00	I	2.100	44.358	48.225	46.458	52.592	4510.650	1589 942	Mill Anomaly
Anomaly	MLOS		20	1.00	09.05	E	15.608	32.958	46.575	48.567	48.217	5966.725	131.758	
Anomaly	MLOS		19	1.20	08:55	E	15.983	32.583	46.575	48 567	48.217	5966.725	131.758	
Marker	AGM						37.158	12.158				6109.892	5335.850	AGM 7823+26 B.M. A148.23 (INS)
Anomaly	MLOS		30	0.60	04:00	E	41.442	5.267	50.558	46.708	47.975	1205.583	4095.717	
Anomaly	MLOS		36	0.70	04:10	E	41 775	4.933	50.558	46.708	47.975	1205.583	4095.717	
Anomaly	MLOS		27	0.70	07:20	E	6.742	28.600	46.267	35.342	45 717	1346.533	3966 133	
Anomaly	MLOS		19	0.70	12:00	E	29.725	5.617	46.267	35.342	45.717	1346.533	3966.133	
Anomaly	MLOS		28	0.60	12:40	I	0.650	47.417	45.717	48.067	36.450	1427.592	3872.350	
Anomaly	MLOS		24	0.90	10:45	E	11.475	38.575	51.942	50.050	46.225	3635.033	1662.925	
NCA	NCA			0.00	07:25	I	29.208	17.167	46.008	46.375	48.500	4611.433	690.200	Mill Anomaly
Marker	AGM						0.642	44 858				5347.367	7932.533	AGM 7769+68 B.M. A147.21
Anomaly	MLOS		17	1.10	06:05	E	40.008	5.550	47.300	45.558	48.133	268.142	7663 692	
Anomaly	MLOS		20	1.50	03:30	E	21.267	26.150	44.758	47.417	44 792	2182.975	5747.000	
Anomaly	MLOS		19	1.50	05:30	E	30.067	16.083	45.558	46.150	48.183	3288.808	4642.433	
Marker	AGM						47.883	1.750				7929.508	6341.808	AGM 7689+38 B.M. A145.69
Anomaly	MLOS		21	0.60	11:50	E	32.000	16.458	47.542	48.458	51.483	1261.983	5033.117	
Anomaly	MLOS		17	0.90	06:15	E	21.375	28.867	50.100	50.242	51.850	1641.033	4652.283	
Anomaly	MLOS		24	0.80	06:40	E	23.658	26.583	50.100	50.242	51.850	1641.033	4652.283	
Anomaly	MLOS		15	0.50	06:10	E	23.908	26.333	50.100	50.242	51.850	1641.033	4652.283	
Anomaly	MLOS		16	0.70	05:25	E	25.975	24.267	50.100	50.242	51.850	1641.033	4652.283	
Cluster	MLOS		16	1.40	06:25	E	27.267	22.975	50.100	50.242	51.850	1641.033	4652.283	
Anomaly	MLOS		17	0.50	12:50	I	0.417	45.358	45.308	45.775	47.850	6142.850	154.933	
Anomaly	MLOS		20	0.70	12:00	I	7.458	38.317	45.308	45.775	47.850	6142.850	154.933	
Anomaly	MLOS		31	0.70	11:40	I	18.125	27.650	45.308	45.775	47.850	6142.850	154.933	
Marker	AGM						9.150	39.900				6334.408	4452.592	AGM 7626+50 B.M. A144.50
Anomaly	MLOS		15	0.50	04:50	I	39.800	9.692	46.250	49.492	45.775	966.250	3476.750	
Anomaly	MLOS		17	0.60	03:15	I	4 975	35.658	48.350	40.633	49.217	1866.208	2585.650	
Anomaly	MLOS		25	0.80	01:35	I	44.458	0.833	46.108	45.292	50.692	2588.658	1858.542	
NCA	NCA			0.00	01:10	I	9.325	38.425	49.925	47.750	48.133	3802.958	641.783	Mill Anomaly
Marker	AGM						26.692	19.292				4465.800	6784.342	AGM 7581+53 B.M. A143.65 (INS)
Anomaly	MLOS		28	1 00	05:15	I	17.742	24.550	49.617	42.292	49.583	840.608	5920.733	

EMPCO-ARKGOV006769

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.60	07:20	E	0.600	49.775	49.983	50.375	50.092	3978.625	2774.633	
Cluster	MLOS		19	1.60	09:45	I	8.467	39.550	50.608	48.017	50.975	4230.658	2524 958	
Anomaly	MLOS		18	1.40	10:40	I	48.692	1.542	51.883	50.233	50.542	4381.533	2371.867	
NCA	NCA			0.00	03:45	I	10.692	39.850	50.233	50.542	50.125	4431.767	2321.325	Mill Anomaly
Cluster	MLOS		17	1.60	03:45	E	36.800	13 375	48.425	50.175	49.467	5897.258	856.200	
Anomaly	MLOS		19	1.00	11:30	I	40.342	3.092	49.867	43.433	46.717	6143.750	616.450	
Marker	AGM						5 142	44.267				6798.492	4982.317	AGM 7513+44 B M A142.36
Anomaly	MLOS		29	1.20	04:10	E	13.517	34.358	49.408	47 875	43.075	44.267	4934.442	
Anomaly	MLOS		15	0.30	11.50	I	25.283	22.342	46.683	47 625	47.458	1981.675	2997.283	
Anomaly	MLOS		20	1 00	06.30	I	43.300	2.217	47.142	45 517	47 575	3789.833	1191.233	
NCA	NCA			0 00	01.30	E	45.542	3.433	50.717	48 975	46.708	4025.725	951.883	Metal In Close Proximity
Marker	AGM						29.992	16.042				4996.592	5803.083	AGM 7463+17 B.M. 141 41
Anomaly	MLOS		16	0.50	01:15	I	0.725	44.900	45 792	45.625	44.867	3042.842	2730.658	
Marker	AGM						0.317	50.317				5818.808	6977.358	AGM 7405+01 B.M. A140.31 (INS)
Anomaly	MLOS		22	1.00	01:50	I	43.067	7.425	45.483	50.492	50.083	95 800	6881 383	
Anomaly	MLOS		16	0.30	01:15	I	45.800	1.700	34.792	47.500	48.850	1005.083	5975 092	
NCA	NCA			0.00	01:15	I	22.825	26.417	51 358	49.242	50.008	2391.175	4587.258	Mill Anomaly
Anomaly	MLOS		16	0.60	04:20	E	5.258	40.550	51.508	45.808	50.233	2623.900	4357.967	
Anomaly	MLOS		19	0.80	12:55	E	37.375	3.408	51.758	40.783	44.892	4049.675	2937.217	
Anomaly	MLOS		15	0.70	06:00	E	38.708	9.667	46 950	48.375	50.525	4233.708	2745.592	
Anomaly	MLOS		15	0.40	01:10	I	14.708	30.075	45.908	44.783	50.600	5287.525	1695.367	
Anomaly	MLOS		21	1.20	10:20	E	39.208	5.575	45.908	44.783	50.600	5287.525	1695 367	
Anomaly	MLOS		21	1.00	12:55	I	48.375	3.067	48.833	51.442	45.392	6806.825	169.408	
NCA	NCA			0.00	10:10	E	0.167	43.558	45.842	43.725	47 717	6949.500	34.450	Excess Metal
NCA	NCA			0.00	05:40	E	8.892	38.825	43.725	47.717	50.667	6993.225	-13.267	Excess Metal
Marker	AGM						34.450	13.267				6993.225	9389 217	AGM 7334+64 B.M. A138.97
Anomaly	MLOS		19	0.60	05:40	I	10.008	38.767	45 600	48.775	47.400	349.558	9004.150	
Anomaly	MLOS		21	0.80	10:55	I	20.375	28 450	45.417	48.825	47 558	687.133	8666.525	
Cluster	MLOS		31	1.90	06:00	E	26.442	18.908	47.675	45.350	47.550	1491.925	7865.208	
Anomaly	MLOS		18	0.70	06:20	E	33.783	11.567	47 675	45.350	47.550	1491.925	7865.208	
NCA	NCA			0.00	09:35	E	5.508	39.833	48.658	45.342	42.233	6043.825	3313.317	Excess Metal
Cluster	MLOS		15	1.00	11:15	I	39.000	11.617	48.383	50.617	39.650	6428.583	2923.283	
Anomaly	MLOS		16	1.10	05:30	I	30.933	17 617	50.617	48.550	14 708	7112.875	2241.058	

EMPCO-ARKGOV006770

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	06:10	E	4.908	44 583	48.475	49.492	50.675	7983.142	1369.850	Metal In Close Proximity
Cluster	MLOS		17	1.00	10:15	I	24.550	26.233	47.975	50.783	50.108	8925.475	426.225	
Marker	AGM						7.708	4.492				9394.775	6426.317	AGM 7240+57 B.M. A137.19
Cluster	MLOS		18	0.60	01:20	E	20.158	30.967	44.792	51.125	49.142	2166.050	4213.633	
Anomaly	MLOS		16	0 80	03:30	E	4 825	44.142	52.558	48.967	49.142	5821.592	560.250	
Marker	AGM						40.850	4.875				6389.958	6625.033	AGM 7176+32 B.M. A135.98 (INS)
Anomaly	MLOS		16	0.50	08:05	E	41.508	7.575	50 358	49.083	50.267	1694.425	4886.400	
Anomaly	MLOS		22	1.50	04.50	E	27.408	22.908	50.267	50.317	43.467	1793.775	4785.817	
Anomaly	MLOS		19	0.90	03:40	I	17.967	31.442	40.733	49.408	51.033	2654.350	3926.150	
Anomaly	MLOS		20	1.20	07:55	E	7.458	41.742	49 425	49.200	49.975	3232.783	3347.925	
Anomaly	MLOS		18	1.20	04:00	E	6.150	43.375	43.392	49.525	50.233	3951.300	2629.083	
Anomaly	MLOS		15	1.10	08:30	E	15.767	33 517	50.233	49.283	48 525	4051.058	2529.567	
Marker	VALV						2.400	2.250				6627.508	3528.342	Valve B.V. # S.P. 7113+75 B.M. V134.79
Marker	AGM						6.208	32.333				3524.383	15749.633	AGM 7074+66 B.M. A134.05
Anomaly	MLOS		22	0.60	12:40	E	40.792	7.567	49.558	48.358	47.142	81.892	15651.717	
NCA	NCA			0.00	07:10	I	6.742	31.542	44.100	38.283	40.092	2883.833	12859.850	Mill Anomaly
Anomaly	MLOS		17	0.80	05:40	E	13.750	28.333	36.333	42.083	43.033	4090.567	11649.317	
Anomaly	MLOS		21	0.70	05:45	E	26.133	17.025	43.300	43.158	42.358	4457.383	11281.425	
Anomaly	MLOS		17	0.80	05:45	E	26.783	16.375	43.300	43.158	42.358	4457.383	11281.425	
Anomaly	MLOS		16	0.70	05:40	E	27.633	15.525	43.300	43.158	42.358	4457.383	11281.425	
Anomaly	MLOS		20	0.90	05:25	E	10.642	24.333	42.358	34.975	42.300	4542.900	11204.092	
NCA	NCA			0.00	11:00	I	13.425	29.358	42.300	42.783	40.233	4620.175	11119.008	Mill Anomaly
NCA	NCA			0.00	01:30	I	5.067	35.167	42.783	40.233	42.258	4662.958	11078.775	Mill Anomaly
NCA	NCA			0.00	08:45	I	2.867	32.733	40.542	35.600	41.975	5000.742	10745.625	Mill Anomaly
Anomaly	MLOS		25	1.20	05:50	E	20.942	22.458	34.292	43.400	43.925	5112.608	10625.958	
Anomaly	MLOS		28	0.40	10:40	I	36.408	7.175	28.842	43.583	42.533	6162.742	9575.642	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	05:50	I	31.192	12.325	42.725	43.517	42.008	6371.933	9366.517	Mill Anomaly
NCA	NCA			0.00	10:50	I	38.575	4.517	39.008	43.092	38.283	7001.442	8737.433	Mill Anomaly
NCA	NCA			0.00	05:10	I	2.117	30 242	44.208	32.358	43.067	7668.025	8081.583	Mill Anomaly
NCA	NCA			0.00	07:25	I	4.450	27.908	44.208	32.358	43.067	7668.025	8081.583	Mill Anomaly
NCA	NCA			0 00	06:00	I	20.592	21.208	41.367	41.800	43.242	8243.467	7496 700	Mill Anomaly
Anomaly	MLOS		21	0.50	05:00	E	40.867	2.875	30.692	43.742	42.833	8520.717	7217.508	
NCA	NCA			0.00	05:00	I	5.475	36.792	41.575	42.267	39.725	9226.792	6512.908	Mill Anomaly

EMPCO-ARKGOV006771

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	11:10	I	1.200	36.600	41 308	37.800	42.775	9433.233	6310.933	Mill Anomaly
NCA	NCA			0.00	06:15	I	4.200	39.533	42.525	43.733	40.175	9915.025	5823.208	Mill Anomaly
NCA	NCA			0.00	05.20	I	36.800	3.908	42.342	40.708	41.058	12012.042	3729.217	Mill Anomaly
NCA	NCA			0.00	11:20	I	29 042	8.767	44.067	37.808	44.042	13626.225	2117.933	Mill Anomaly
NCA	NCA			0 00	04:00	I	33.533	4.275	44.067	37.808	44.042	13626.225	2117.933	Mill Anomaly
NCA	NCA			0 00	05:30	I	36.292	1.517	44.067	37.808	44.042	13626.225	2117.933	Mill Anomaly
Marker	AGM						22.875	17 475				15759.092	5928.958	AGM 6916+80 B.M. A131.06
NCA	NCA			0.00	12:55	I	37.467	2.883	40.133	40.350	42.433	-22.875	5928.958	Mill Anomaly
Anomaly	MLOS		21	0.70	11:10	I	0.150	42.133	44.450	42.283	33.358	764.667	5139.483	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	08:15	I	0.342	38.025	35.350	38.367	41.275	960.642	4947.425	Mill Anomaly
Anomaly	MLOS		16	0.70	06:35	E	25 975	24.750	48.392	50.725	51.150	2359.375	3536.333	
Marker	AGM						5.525	44.833				5940.908	4541.600	AGM 6857+37 B.M. A129+93 (INS)
NCA	NCA			0.00	03:45	I	33.467	16.825	46.892	50.292	49.000	1146.992	3389.150	Mill Anomaly
NCA	NCA			0.00	12:35	E	6.142	44.408	49.442	50.550	47.542	2348.133	2187.750	Metal In Close Proximity
NCA	NCA			0.00	09:50	E	21.592	26.908	45.508	48.500	47.950	4373.167	164.767	Metal In Close Proximity
Marker	AGM						16.792	33.892				4569.642	5958.300	AGM 6811+20 B M. A129.06
Anomaly	MLOS		16	0.80	06:10	E	11.258	34.425	45.217	45.683	45.900	3856.392	2090.117	
Anomaly	MLOS		17	0.70	07:10	E	6.092	40.058	44.742	46.150	51.142	4775.125	1170.917	
NCA	NCA			0.00	10:45	E	48.583	0.725	23.067	49.308	50.342	5656.933	285.950	Metal In Close Proximity
Marker	VALV						2.617	2.775				5989.575	4399.600	Valve B.V. # G26 6752+13 B.M. V127.94
NCA	NCA			0.00	06:00	E	22.917	11.642	1.658	34.558	51.058	13.442	4354.375	Metal In Close Proximity
Marker	AGM						30 142	13.067				4372.233	10654.117	AGM 6705+60 B.M. A127.06
NCA	NCA			0.00	11:30	I	31.825	0.208	34.700	32.033	42.292	759.992	9875.158	Mill Anomaly
NCA	NCA			0.00	09:55	I	6.000	32.575	43.883	38.575	38.892	963.775	9664.833	Mill Anomaly
Anomaly	MLOS		22	0 80	03:10	E	4.100	27.025	32.067	31.125	40 367	1486.908	9149.150	
NCA	NCA			0 00	01:30	I	5.575	28.442	40.367	34.017	31.575	1558.400	9074.767	Mill Anomaly
NCA	NCA			0.00	08:20	I	38.933	3.492	44.200	42.425	43.508	2850.092	7774 667	Mill Anomaly
NCA	NCA			0.00	07:00	I	2.892	41.725	44 425	44.617	42.075	7234.933	3387.633	Mill Anomaly
Anomaly	MLOS		36	0.50	01:35	E	2.458	37.008	20.958	39.467	43.242	9179.617	1448.100	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:50	I	6.658	39.125	46.708	45 783	34.183	10101.983	519.417	Long Seam Anomaly
Marker	AGM						7.758	38.158				10659.425	6516 592	AGM 6600+79 B.M. A125.08
Anomaly	MLOS		15	1.00	06:00	E	32.742	13.175	48.567	45.917	50.392	-7.758	6516.592	
NCA	NCA			0.00	12:20	I	13.075	32.117	47.525	45.192	47.150	2108.067	4401.492	Mill Anomaly

EMPCO-ARKGOV006772

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1.40	07:00	E	19.000	31.583	49 367	50.583	49.817	2595.883	3908.283	
Anomaly	MLOS		21	1.40	04.55	E	47.483	3.100	49.367	50.583	49.817	2595.883	3908.283	
Cluster	MLOS		17	3 40	05:00	E	48.217	2.367	49.367	50.583	49.817	2595.883	3908.283	
Anomaly	MLOS		18	1.70	06:45	E	2.192	47.625	50.583	49.817	45.875	2646.467	3858.467	
Anomaly	MLOS		15	1.40	04:00	E	2.500	47.317	50.583	49.817	45.875	2646.467	3858.467	
Anomaly	MLOS		28	1.30	03:30	E	4.442	45.375	50.583	49 817	45.875	2646.467	3858.467	
Anomaly	MLOS		16	0.90	07.55	E	32.883	6.450	47.750	39.333	48.392	3122.900	3392.517	
Anomaly	MLOS		24	0.80	02:20	E	36.325	12.067	39.333	48.392	50.167	3162.233	3344.125	
NCA	NCA			0.00	12:15	E	0.933	50.558	49.633	51.492	50.550	4221.192	2282.067	Excess Metal
NCA	NCA			0.00	10:40	E	11.208	40 283	49 633	51 492	50.550	4221.192	2282.067	Excess Metal Begin Area of
NCA	NCA			0.00	12:05	E	46 367	5.125	49.633	51.492	50 550	4221.192	2282.067	Excess Metal End Area of
NCA	NCA			0.00	12:30	I	44.142	3.250	49.758	47.392	49.717	4669.542	1837.817	Mill Anomaly
Anomaly	MLOS		16	1.00	07:00	E	32.567	13 167	45.425	45 733	49.000	6472.017	37.000	
Marker	AGM						37 000	12.000				6517.750	4516.858	AGM 6535+21 B.M. A123.83
Anomaly	MLOS		24	0.70	02:30	I	47.692	1.308	45.733	49.000	48.883	-37.000	4516.858	
NCA	NCA			0.00	09:40	I	15.917	28.633	45.725	44.550	47.750	1695.383	2788 925	Mill Anomaly
Cluster	MLOS		15	1.40	03:15	E	18.392	29.358	44.550	47.750	45.958	1739.933	2741.175	
Anomaly	MLOS		18	0.90	05:35	E	18.550	29.200	44.550	47.750	45.958	1739.933	2741.175	
Anomaly	MLOS		19	0 40	04:45	E	18.867	28.883	44.550	47.750	45.958	1739.933	2741.175	
Cluster	MLOS		17	4.30	06:35	E	19.825	27.925	44.550	47.750	45.958	1739.933	2741.175	
Anomaly	MLOS		24	0.70	06:15	E	20.067	27.683	44.550	47.750	45.958	1739.933	2741.175	
Anomaly	MLOS		19	1.30	03:50	E	35.825	10.025	37.292	45.850	50.200	3538.283	944.725	
Anomaly	MLOS		15	2.40	06:10	E	31.033	14.458	45.900	45.492	50 600	4286.592	196.775	
Anomaly	MLOS		17	0.80	11:25	E	28.717	21.883	45.492	50.600	39 642	4332.083	146.175	
Anomaly	MLOS		16	0.60	06:00	E	48.342	2.417	39.642	50.758	46.708	4422.325	55.775	
Cluster	MLOS		18	1.20	05:50	E	48.908	1.850	39.642	50.758	46.708	4422.325	55.775	
Anomaly	MLOS		20	0.70	09:40	E	24.933	21.775	50.758	46.708	46.325	4473.083	9.067	
Anomaly	MLOS		16	0.60	09:50	E	33.567	13.142	50.758	46.708	46.325	4473.083	9.067	
Anomaly	MLOS		18	0.50	05:25	E	41.567	5.142	50.758	46.708	46.325	4473.083	9.067	
Cluster	MLOS		19	1.70	05:00	E	1.492	44.833	46.708	46.325	45.733	4519.792	-37.258	
Anomaly	MLOS		17	0.70	05:50	E	1.800	44.525	46.708	46 325	45.733	4519.792	-37.258	
Marker	AGM						9.067	37.258				4519.792	5946.942	AGM 6489+89 B.M. A122.98 (INS)
NCA	NCA			0.00	06:55	I	2.208	43.525	46.325	45 733	45.308	37.258	5901.208	Mill Anomaly

EMPCO-ARKGOV006773

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	21	0.70	04:40	E	36.183	11.108	45.450	47.292	46.150	501.500	5435.408	
Anomaly	MLOS		18	0.60	04:35	E	36.758	10.533	45.450	47.292	46.150	501.500	5435.408	
Anomaly	MLOS		27	0.60	09:40	I	30.275	14.783	45.808	45 058	46 808	1108.083	4831.058	Mill Anomaly
Anomaly	MLOS		20	1 70	07:20	E	20 317	26.492	45.058	46.808	49.308	1153.142	4784.250	
Anomaly	MLOS		15	0.70	08:30	I	11.233	35.517	48.433	46.750	50.467	5615.467	321.983	
Marker	AGM						26.267	24.117				5957.933	9625.908	AGM 6430+30 B.M. A121.85
NCA	NCA			0 00	02:05	E	28.492	20.808	50.383	49 300	45 875	24.117	9576.608	Metal In Close Proximity
Cluster	MLOS		26	2 20	05:20	E	33 592	9.867	50.167	43 458	50.125	675.017	8931.550	
Anomaly	MLOS		20	0 60	05:50	E	7.558	42.225	49.167	49.783	49.433	817.767	8782.475	
Anomaly	MLOS		15	0.80	04:10	I	2.100	47 983	38.300	50.083	44.908	4170.167	5429.775	
Anomaly	MLOS		24	1.10	06:00	E	2.767	48 225	45.050	50.992	50.275	5889.208	3709.825	
Anomaly	MLOS		27	0.50	05:50	E	2.933	48.058	45.050	50.992	50.275	5889.208	3709.825	
Anomaly	MLOS		17	0.60	06:00	E	3.075	47.917	45.050	50.992	50.275	5889.208	3709.825	
Cluster	MLOS		11	1.20	05:50	E	3.333	47.658	45.050	50 992	50 275	5889.208	3709.825	
Cluster	MLOS		19	3.00	05:50	E	3.650	47.342	45.050	50.992	50.275	5889.208	3709.825	
NCA	NCA			0.00	12:20	I	24.308	26.683	45.050	50.992	50.275	5889.208	3709.825	Mill Anomaly
Anomaly	MLOS		19	0.80	12:45	I	42.608	8.383	45.050	50.992	50 275	5889.208	3709.825	
NCA	NCA			0.00	12:05	I	8.475	41.067	47.767	49.542	47.917	7629.567	1970.917	Mill Anomaly
Anomaly	MLOS		15	1.20	11:20	I	3.308	45.367	49.600	48.675	49.867	9357.983	243.367	
Anomaly	MLOS		19	1.40	01:35	I	15.933	34.550	49.867	50 483	41 150	9456.525	143.017	
Marker	AGM						0.450	44.717				9649.575	9464.075	AGM 6333+60 B.M. A120.02
Anomaly	MLOS		16	1.20	05:55	E	37.992	1.258	47.383	39.250	47.342	2632.608	6836.933	
NCA	NCA			0.00	11:45	E	6.458	40.883	39.250	47.342	49.733	2671.858	6789.592	Excess Metal
Anomaly	MLOS		15	1.20	03:05	E	6.917	40.425	39.250	47.342	49.733	2671.858	6789.592	
Cluster	MLOS		15	3.30	05:00	I	35.833	10.117	48.192	45.950	44 575	6593.358	2869.483	
Anomaly	MLOS		21	0.80	04:50	I	36.025	9.925	48 192	45.950	44.575	6593.358	2869.483	
Anomaly	MLOS		15	0 60	04:55	I	36 208	9.742	48.192	45.950	44.575	6593.358	2869 483	
Cluster	MLOS		15	1.40	05:55	E	30.233	16 792	41.525	47.025	45.742	6957.742	2504.025	
Anomaly	MLOS		20	1.20	05:40	E	11.692	35.242	49.708	46.933	49.300	8438.642	1023.217	
Anomaly	MLOS		15	1.70	08:35	E	17.417	6.900	43.758	24 317	45 883	8624.200	860.275	
Anomaly	MLOS		32	0.90	06:10	E	23.317	1.000	43.758	24.317	45.883	8624.200	860.275	
Anomaly	MLOS		32	0.80	04:40	E	25.783	20.100	24.317	45.883	49.633	8648.517	814.392	
Cluster	MLOS		25	2.80	02:30	E	26 133	19.750	24.317	45 883	49 633	8648.517	814.392	

EMPCO-ARKGOV006774

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0 90	02:40	E	28 267	17.617	24.317	45.883	49.633	8648.517	814.392	
Cluster	MLOS		42	4.00	03:00	E	28.425	17.458	24.317	45.883	49.633	8648.517	814.392	
Anomaly	MLOS		16	1.20	09:05	E	42.000	3.883	24.317	45 883	49.633	8648.517	814.392	
Anomaly	MLOS		39	0.90	09:05	E	42.217	3.667	24.317	45.883	49.633	8648.517	814.392	
Anomaly	MLOS		16	0.80	03:25	E	42.283	3.600	24.317	45.883	49.633	8648.517	814.392	
Cluster	MLOS		25	1.70	03:20	E	42.467	3.417	24.317	45 883	49.633	8648.517	814.392	
Cluster	MLOS		44	3.00	03:10	E	42.842	3.042	24.317	45.883	49.633	8648.517	814.392	
Anomaly	MLOS		25	1.00	03:00	E	43.317	2.567	24.317	45.883	49.633	8648.517	814.392	
Cluster	MLOS		30	3.10	03:35	E	44.317	1.567	24 317	45.883	49.633	8648.517	814.392	
Anomaly	MLOS		16	1.30	08:10	E	22 050	27.583	45.883	49.633	49.717	8694.400	764.758	
Cluster	MLOS		16	2.10	08:00	E	38.033	11.600	45.883	49.633	49.717	8694.400	764.758	
Anomaly	MLOS		28	1.50	07:05	E	39.508	10.125	45.883	49.633	49.717	8694.400	764.758	
Anomaly	MLOS		16	0.50	08:20	E	41.100	8.533	45.883	49.633	49.717	8694.400	764.758	
Cluster	MLOS		15	2.10	08:20	E	41.600	8.033	45.883	49.633	49.717	8694.400	764.758	
Marker	AGM						40.717	7.317				9468.075	8211.900	AGM 6238+54 B.M. A118.21 (INS)
Anomaly	MLOS		24	1.10	06:00	E	16.933	32.108	37 100	49.042	48.775	272.342	7897.833	
Cluster	MLOS		28	1.00	06:25	E	19.367	29 675	37.100	49.042	48.775	272.342	7897.833	
Anomaly	MLOS		19	0.90	06:05	E	19.650	29.392	37.100	49.042	48.775	272.342	7897.833	
Anomaly	MLOS		19	0.80	06:10	E	5.367	43.933	48.775	49.300	46.942	370.158	7799.758	
Anomaly	MLOS		16	0.70	05:10	E	10.083	39.217	48.775	49.300	46.942	370.158	7799.758	
Anomaly	MLOS		18	0.50	06:35	E	10.683	38.617	48.775	49 300	46.942	370.158	7799.758	
Cluster	MLOS		16	2.20	05:25	E	16.317	32.983	48.775	49 300	46.942	370.158	7799.758	
Anomaly	MLOS		18	0.40	04:55	E	26.300	23.000	48.775	49.300	46.942	370 158	7799.758	
Anomaly	MLOS		15	0.50	05:00	E	26.542	22.758	48.775	49.300	46.942	370 158	7799.758	
Cluster	MLOS		22	2.00	04:55	E	27.800	21.500	48.775	49.300	46.942	370 158	7799.758	
Anomaly	MLOS		20	1.10	03:40	E	32.383	15.217	50.783	47.600	49.558	1352.450	6819.167	
Anomaly	MLOS		24	0.50	02:25	E	42.683	0.258	49.108	42.942	49 425	2035.208	6141.067	Possible Non-Corrosion Anomaly
Anomaly	MLOS		28	1.10	12:00	I	41.825	8.883	49.425	50.708	48.517	2127.575	6040.933	
Anomaly	MLOS		16	0.70	11:05	I	38.725	10.875	48.517	49.600	49.225	2226.800	5942.817	
NCA	NCA			0.00	08:00	E	24.633	9.433	48.325	34.067	41.550	4184.192	4000.958	Metal In Close Proximity
Anomaly	MLOS		23	0.90	11:00	E	17.500	27.975	41.550	45.475	49.317	4259.808	3913.933	
NCA	NCA			0.00	10:15	I	45.225	0.758	45.942	45.983	45.133	6470.842	1702.392	Mill Anomaly
Marker	AGM						37.492	8.792				8181.725	5642.925	AGM 6156+33 B.M. A116.66

EMPCO-ARKGOV006775

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	29	2.90	12:10	I	9.692	35 917	9.850	45.608	46.508	1368.308	4237.800	
Anomaly	MLOS		16	1.00	06:10	I	17.575	28.542	46 892	46.117	49.050	4182.883	1422.717	
Marker	AGM						31.892	14.008				5619.825	5909.575	AGM 6099+83 B.M. A115.59
Anomaly	MLOS		21	0.70	05.50	E	42.500	2.467	45.817	44.967	49.325	1805.158	4073.458	
Anomaly	MLOS		16	1.10	05.40	E	3.500	45.825	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		17	0.90	05:30	E	8.067	41.258	44.967	49.325	46.442	1850.125	4024.133	
Cluster	MLOS		20	1.40	05:30	E	8.483	40.842	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		15	0.60	05:30	E	8.950	40.375	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		17	0.60	05:50	E	9.767	39.558	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		20	0.70	05:30	E	10.383	38.942	44.967	49.325	46.442	1850.125	4024.133	
Cluster	MLOS		26	2.40	06:15	E	11.650	37.675	44.967	49.325	46.442	1850.125	4024.133	
Cluster	MLOS		16	1.60	05:00	E	15.067	34.258	44.967	49.325	46.442	1850.125	4024.133	
Cluster	MLOS		16	1.10	05:25	E	16.258	33.067	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		15	0.50	05:40	E	19.633	29.692	44.967	49.325	46.442	1850.125	4024.133	
Anomaly	MLOS		15	1.10	04:45	E	21.883	27.442	44.967	49.325	46.442	1850.125	4024.133	
Cluster	MLOS		18	2 70	06:25	E	21.508	25.283	46.867	46.792	49 467	2320.775	3556.017	
Cluster	MLOS		16	0.90	05:30	E	27.267	19.525	46.867	46.792	49.467	2320.775	3556.017	
Anomaly	MLOS		17	0.70	04:35	E	24.958	24 508	46.792	49.467	43.917	2367.567	3506.550	
Anomaly	MLOS		15	0.60	06:20	E	35.308	13.017	48.992	48.325	50.750	3279.500	2595.758	
Marker	AGM						38.042	10.425				5885.542	5627.225	AGM 6040+61 B.M. A114.47 (INS)
Anomaly	MLOS		25	0.60	01:10	I	33.925	15 017	49.525	48.942	46.058	637.733	4950.975	
Anomaly	MLOS		15	0.90	11:25	I	20.950	27.258	50.000	48.208	48.767	3956.917	1632.525	
Anomaly	MLOS		17	1.90	11:25	I	21.175	27.033	50.000	48.208	48.767	3956.917	1632.525	
Anomaly	MLOS		23	0.90	04:20	I	38.975	7.283	47.117	46 258	48 558	5245.817	345.575	
Marker	AGM						5.600	43.083				5632.050	5353.658	AGM 5984+26 B.M. A113.40
Marker	AGM						24.858	24.283				5371.883	5108.450	AGM 5930+99 B.M. A112.39
Anomaly	MLOS		21	1.10	10:40	I	16.092	32.142	46.492	48.233	48.208	1239.942	3844.558	
Anomaly	MLOS		17	0.80	10:40	I	44.158	2.367	49.658	46.525	49.700	1723.392	3362.817	
Anomaly	MLOS		27	0.90	06:00	E	43.617	6.083	46.525	49.700	41.700	1769.917	3313.117	
Anomaly	MLOS		19	0.70	06:10	E	45.308	5.125	51.350	50.433	50.425	1912.667	3169.633	
Anomaly	MLOS		15	0.50	05:25	E	46.458	3.975	51.350	50.433	50.425	1912.667	3169.633	
Cluster	MLOS		18	1.70	06:10	E	14.633	35.792	50.433	50.425	50.133	1963.100	3119.208	
Anomaly	MLOS		17	1.00	04:50	E	39.258	10.500	48.800	49.758	48.583	2256.433	2826.542	

EMPCO-ARKGOV006776

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.00	07.30	E	43.583	6.175	48.800	49.758	48.583	2256.433	2826.542	
Anomaly	MLOS		15	1.00	04:20	E	42.625	6.817	49.258	49 442	48.508	4032.775	1050.517	
Marker	AGM						17.992	29.983				5114.742	5077.050	AGM 5878+99 B.M. A111.41
Anomaly	MLOS		18	0.80	05:20	E	24 450	21.825	48 058	46.275	47.500	1028.717	4032.042	
Anomaly	MLOS		19	0.70	05:40	E	32.025	14.250	48.058	46.275	47.500	1028.717	4032.042	
Anomaly	MLOS		21	0.50	06:10	E	32.333	13.942	48.058	46.275	47.500	1028.717	4032.042	
Anomaly	MLOS		25	1.30	05:15	E	36 867	9.408	48 058	46.275	47.500	1028.717	4032.042	
Cluster	MLOS		16	0 70	06:10	E	18.492	28.600	47.500	47.092	45.817	1122.492	3937.450	
Marker	AGM						44.425	6.333				5062.608	5556 575	AGM 5827+94 B.M. A110.44
Anomaly	MLOS		15	0.80	06:10	E	0 433	47.692	48.450	48.125	46.275	3958.158	1556.625	
Anomaly	MLOS		19	0 60	05.30	E	40.475	5.800	48.125	46.275	44.275	4006.283	1510.350	
Cluster	MLOS		18	2.90	05:30	E	42.133	4.142	48.125	46.275	44 275	4006.283	1510.350	
Anomaly	MLOS		24	1.50	06:25	I	26.033	17 042	51.533	43.075	41.083	4919.133	600.700	
Anomaly	MLOS		27	1.30	05:20	E	44 658	4.850	46.100	49.508	49.067	5297.167	216.233	
Marker	AGM						25.533	1.892				5537.375	6237.700	AGM 5772+05 B.M. A109.38 (INS)
Anomaly	MLOS		28	0.70	06:55	E	48.542	0.800	47.925	49.342	47.750	1580.267	4609.983	
Anomaly	MLOS		17	0.80	06:00	E	34.517	14.617	47.850	49.133	49.525	1912.108	4278.350	
Anomaly	MLOS		18	0.90	05:55	E	34.925	14.208	47.850	49.133	49.525	1912.108	4278.350	
Anomaly	MLOS		15	0.60	05:35	E	35.883	13.250	47.850	49.133	49.525	1912.108	4278.350	
NCA	NCA			0.00	11:50	E	42.442	8.625	50.133	51.067	50.700	2207.367	3981.158	Excess Metal
Anomaly	MLOS		23	0.70	10:00	E	30.150	20.133	45.200	50.283	49.267	2802.733	3386.575	
Anomaly	MLOS		15	1.00	09:15	E	17.133	31.042	50.200	48.175	49 750	4141.958	2049.458	
NCA	NCA			0.00	11:55	E	38.892	10.875	22.783	49.767	50.600	4942.767	1247.058	Metal In Close Proximity
Marker	AGM						1.142	47.842				6238.450	5611.983	AGM 5711+09 B.M. A108.23
Anomaly	MLOS		36	1.10	10:20	I	21.200	29.050	50.458	50.250	49.517	98.300	5511.275	
Anomaly	MLOS		23	1.30	06:15	E	17.583	28.425	45.625	46.008	46.283	2869.108	2744.708	
Anomaly	MLOS		19	0.70	06:20	E	18.308	27.700	45.625	46.008	46.283	2869.108	2744 708	
Marker	AGM						27.000	22.625				5632.825	5784.375	AGM 5654+26 B.M. A107.15
Anomaly	MLOS		15	0.50	03:10	I	36.858	13.975	49.625	50.833	49.275	22.625	5733.542	
Anomaly	MLOS		16	0.70	08:20	E	2.033	46.733	47.467	48.767	49.192	789.533	4968.700	
Anomaly	MLOS		17	1.00	05:50	E	17.525	31.717	47.350	49 242	47.683	1600.033	4157.725	
Cluster	MLOS		19	2.20	12:00	E	18.292	31.992	51.067	50.283	47.300	2550.883	3205.833	
Anomaly	MLOS		18	0 70	03:25	E	17 692	32.225	50.475	49.917	45.708	2846.525	2910.558	

EMPCO-ARKGOV006777

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.70	06:20	I	24 767	23 875	50.425	48.642	50.342	3324.858	2433.500	
Anomaly	MLOS		15	0.80	05:10	E	0.742	46.567	45.867	47.308	46.775	5189.467	570.225	
Anomaly	MLOS		18	0.70	11:30	I	20.992	17.283	42.842	38.275	48.858	5609.133	159.592	
NCA	NCA			0.00	12:15	E	17.950	32.933	48.858	50.883	48.417	5696.267	59.850	Excess Metal
NCA	NCA			0.00	12:15	E	19.417	31.467	48.858	50.883	48.417	5696.267	59.850	Excess Metal
Marker	AGM						11.433	39.992				5795.567	5382.533	AGM 5596+51 B.M. A106.06
Cluster	MLOS		19	0.70	06:00	E	26.508	22.900	45.192	49.408	46.817	571.775	4801.342	
Anomaly	MLOS		36	1.00	05:40	E	26.867	22.542	45.192	49.408	46.817	571.775	4801.342	
Anomaly	MLOS		21	0.70	10:30	E	41.967	2.908	49.875	44.875	48.700	2127.742	3249.908	
Marker	AGM						51.067	0.158				5371.458	5480.117	AGM 5542+49 B.M. A105.03 (INS)
NCA	NCA			0.00	06.10	E	51 083	0.225	49.167	51.308	49.850	140.183	5288.783	Mill Anomaly
Anomaly	MLOS		21	1.60	06:00	E	32.250	14.917	12.950	47.167	38.125	2536.558	2896.550	
NCA	NCA			0.00	05:50	E	32.617	14.550	12.950	47.167	38.125	2536.558	2896.550	Metal In Close Proximity
NCA	NCA			0.00	05:45	E	19.325	28.775	48.017	48.100	43.917	3210.683	2221.492	Metal In Close Proximity
NCA	NCA			0 00	05:40	E	44.658	3.442	48.017	48.100	43.917	3210.683	2221.492	Metal In Close Proximity
Anomaly	MLOS		19	0.90	10:40	I	7.075	36.842	48.100	43 917	44.733	3258.783	2177.575	
Anomaly	MLOS		15	0.60	06:30	E	26.300	17.542	47.308	43.842	50.833	3441.583	1994.850	
Marker	AGM						38.267	9.008				5442.008	6967.417	AGM 5487+55 B.M. A103.99
Anomaly	MLOS		15	0.70	03:40	E	20.883	18.283	46.667	39.167	46.792	959 350	5977 908	
Anomaly	MLOS		17	0.30	02:40	I	22 058	29.808	42.808	51.867	45.150	2143.717	4780.842	
NCA	NCA			0.00	10:45	E	4.433	46.583	40 000	51.017	45.850	5256.642	1668.767	Metal In Close Proximity
Anomaly	MLOS		21	0.60	09:10	I	50.042	0.975	40.000	51.017	45.850	5256.642	1668 767	
NCA	NCA			0.00	11:30	E	1.308	3.542	48.050	4.850	49.408	5892.025	1079 550	Excess Metal
Marker	AGM						23.383	26.292				6953.042	3767.425	AGM 5417+65 B.M. A102.67
Anomaly	MLOS		20	1 30	08:15	E	48.567	1.208	44.917	49.775	48.758	168.375	3575.567	
Cluster	MLOS		15	2.30	08:10	E	1.208	47.550	49.775	48.758	50.733	218.150	3526.808	
Anomaly	MLOS		24	0.40	05:20	U	0 033	51 492	46.300	51.525	48.075	1653.158	2089.033	Girth Weld Anomaly
Marker	AGM						11.833	3.050				3781.883	7062.350	AGM 5379+69 B.M. A101.95
NCA	NCA			0.00	05:50	E	28.858	17.558	49.842	46.417	48.958	646.042	6372.942	Metal In Close Proximity
NCA	NCA			0.00	12:35	I	26.225	24.833	49.500	51.058	48.817	1512.833	5501.508	Long Seam Anomaly
Cluster	MLOS		32	8.20	06:15	I	50.442	0.100	48.608	50.542	50.208	2537.117	4477.742	
Anomaly	MLOS		18	0.60	11:30	E	44.642	6.867	49 983	51.508	50.800	4228.817	2785.075	
Cluster	MLOS		27	2.00	07:00	I	38.933	12.200	50.642	51.133	42.017	4616.300	2397.967	

EMPCO-ARKGOV006778

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		19	0.70	07:30	I	42.550	7.942	46.475	50.492	48.767	6401.500	613.408	
Anomaly	MLOS		22	0 60	10:40	I	21.700	28.100	45.933	49.800	49.008	6987.917	27.683	
Marker	AGM						27 683	21.325				7037.717	6321.275	AGM 5309+17 B.M. A100.61 (INS)
NCA	NCA			0.00	12.20	I	46.117	2.892	49.800	49.008	45.575	-27.683	6321.275	Mill Anomaly
NCA	NCA			0.00	09:15	E	29 383	15.692	42.742	45.075	48.233	302.158	5995.367	Metal In Close Proximity
Anomaly	MLOS		21	0.80	01:15	E	26.642	19.250	44.417	45.892	46.325	2491.592	3805.117	Possible Mill Anomaly
Anomaly	MLOS		17	0 50	10.10	I	33.050	17.525	50.317	50.575	44.958	3850.800	2441.225	
Anomaly	MLOS		18	0.70	05:10	E	37.467	11.325	44.000	48 792	49.542	4124.158	2169.650	
Cluster	MLOS		17	0.60	05:20	I	39.142	9.650	44.000	48.792	49.542	4124.158	2169.650	
NCA	NCA			0.00	12:00	I	36.483	1.625	32.192	38.108	44.275	4892.608	1411.883	Mill Anomaly
NCA	NCA			0.00	12:15	I	36.742	1.367	32.192	38 108	44.275	4892.608	1411.883	Mill Anomaly
Anomaly	MLOS		24	1 10	04:55	I	8.525	31 017	28.975	39.542	51.633	5698.875	604.183	
Anomaly	MLOS		16	0.70	06:45	I	38.533	12.883	48.558	51.417	47.667	5987.400	303.783	
Marker	AGM						9 817	38.350				6332.783	4379.375	AGM 5245+42 B M. A099.41
Anomaly	MLOS		17	0.90	02:30	E	21.333	23.600	48 167	44.933	45.933	38.350	4334.442	
NCA	NCA			0.00	11:30	E	43.058	4.933	45.933	47.992	36.833	129.217	4240.517	Metal In Close Proximity
Anomaly	MLOS		21	0 90	07:20	I	28.867	17.608	46.058	46.475	47.367	1145.600	3225.650	
Anomaly	MLOS		16	0.70	07:20	E	25.550	25.617	49.067	51.167	49.008	1561.283	2805.275	Inspected/recoated 9/6/00 found mill gouge
Anomaly	MLOS		20	0.50	06:10	I	42.200	8.850	47.742	51.050	49.783	3030.917	1335.758	
Anomaly	MLOS		35	1.20	11:05	I	28.725	21.108	51.658	49.833	50.050	3332.467	1035.425	
Anomaly	MLOS		32	0.70	06:45	E	31.333	14.892	42.325	46.225	46.183	3846.483	525.017	
Anomaly	MLOS		18	0.50	06:50	E	33 025	13.200	42.325	46.225	46.183	3846.483	525.017	
Anomaly	MLOS		18	1.00	07:25	E	33.567	12.658	42.325	46.225	46.183	3846.483	525.017	
NCA	NCA			0.00	06:55	I	17.033	30.558	47.125	47.592	46.742	4080.925	289.208	Mill Anomaly
Cluster	MLOS		22	1.60	06:10	I	10.000	37.733	46.425	47.733	45.692	4221.683	148.308	
Cluster	MLOS		18	1.60	06:10	I	16.017	31.717	46.425	47.733	45.692	4221.683	148.308	
Anomaly	MLOS		17	0.90	05:50	I	4.983	3.908	44.342	8.892	4.800	4406.467	2.367	
Marker	VALV						2.367	2.433				4415.358	422.250	Valve 16 N.H.G. 5204+51 B.M. V98.55
Marker	VALV						2 458	2.325				422.225	6030.292	Valve B.V. # 1 S.H.G. 5200+09 B.M. V098.49
Anomaly	MLOS		15	0.60	05:40	E	4.950	36.508	1.025	41.458	19.425	33.525	5957.633	
Anomaly	MLOS		15	0.80	05:50	E	39.358	2.100	1.025	41.458	19.425	33.525	5957.633	
NCA	NCA			0.00	03:05	E	17.825	1.600	41.458	19.425	46.333	74.983	5938.208	Metal In Close Proximity
Anomaly	MLOS		22	1.10	04:10	E	9.558	39.608	49.942	49.167	49.333	190.683	5792.767	

EMPCO-ARKGOV006779

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.60	07:00	E	39.133	10.542	44.617	49.675	45.958	3094.525	2888.417	
Anomaly	MLOS		15	1.20	12:15	I	39.258	0.308	48.350	39.567	46.567	4223.208	1769.842	
NCA	NCA			0.00	12:10	I	34.933	12.308	49.583	47.242	48.833	4745.425	1239.950	Mill Anomaly
Marker	AGM						1.550	46.500				6031.067	5056.383	AGM 5139+81 B.M. A097.35
Anomaly	MLOS		15	0.80	06.05	E	1.133	46.283	45.500	47 417	49.175	1669.208	3386.258	
Cluster	MLOS		20	0.90	10.15	E	9.050	40.125	47.417	49.175	45.408	1716.625	3337.083	
Anomaly	MLOS		22	0.60	01:05	E	31.525	17.650	47.417	49.175	45.408	1716.625	3337.083	
Anomaly	MLOS		22	0.70	12.50	E	44.650	4.525	47.417	49.175	45.408	1716.625	3337.083	
Anomaly	MLOS		23	0.80	08:55	I	31.350	15.742	50.425	47.092	47.933	2665.992	2389.800	
NCA	NCA			0.00	03:20	U	1.108	45.408	44.233	46.517	46.517	2805.250	2251.117	Sensor Noise
Anomaly	MLOS		24	1.20	01:20	E	37.025	11 808	48.892	48.833	38.383	4869.600	184.450	
Marker	AGM						4.158	45.350				5098.725	7169.117	AGM 5088+87 B.M. A096.38 (INS)
NCA	NCA			0.00	12:10	I	9.367	39.683	50.108	49 050	48.850	994.408	6171 008	Long Seam Anomaly
NCA	NCA			0.00	06:05	I	5.192	42.958	50.250	48.150	48.708	4408.758	2757.558	Mill Anomaly
Anomaly	MLOS		15	0.60	06:35	E	24 683	20.533	44.317	45.217	48.767	4601.383	2567.867	
NCA	NCA			0.00	12:00	I	35.275	9.825	43 717	45.100	37.683	4739.083	2430.283	Mill Anomaly
Anomaly	MLOS		16	1.00	04:55	I	22.458	21.167	38.758	43.625	51 975	4860.625	2310.217	
Anomaly	MLOS		28	0.50	04:30	I	2.492	49.492	49.858	51.983	43.158	6356.233	806.250	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	03:40	I	31.392	17.258	51.133	48.650	49.592	6801.158	364.658	Mill Anomaly
Marker	AGM						20.975	26.792				7193.492	3860.600	AGM 5017+33 B.M. A095.03
Cluster	MLOS		33	0.50	05:20	U	0.042	50.333	49.742	50.375	49 850	123.000	3714.017	Girth Weld Anomaly
NCA	NCA			0.00	01:10	I	42.558	3.708	48.508	46.267	48.867	558.417	3282.708	Mill Anomaly
Anomaly	MLOS		18	1.20	10:20	E	31.333	18.708	45 083	50.042	47.767	1271.875	2565.475	
Anomaly	MLOS		15	1.10	05:00	E	11.033	38.183	49.000	49.217	47.508	1907.675	1930.500	
Anomaly	MLOS		18	1.00	06:10	E	43.433	1.650	43.508	45 083	40.750	2449.025	1393.283	
Anomaly	MLOS		20	0.90	12:40	I	23.692	28.733	48.158	52.425	44.467	3285.100	549.867	
Anomaly	MLOS		28	1.00	10:25	I	28.075	24.350	48.158	52.425	44.467	3285.100	549.867	
Marker	AGM						32.392	18.842				3855.000	5009.800	AGM 4977+77 B.M. A094.28
NCA	NCA			0.00	05:05	I	10.633	31.150	47.892	41.783	45.700	548.983	4437.875	Mill Anomaly
Anomaly	MLOS		17	0.90	05:35	E	1.350	44 592	50.017	45 942	49.633	2635.817	2346.883	
Anomaly	MLOS		19	0.60	10:15	I	12.942	31.283	44.008	44.225	49.758	2907.933	2076 483	
Anomaly	MLOS		51	0.70	12:00	I	0.167	45.950	46.808	46.117	51.133	4985.850	-3.325	
Marker	AGM						42.792	3.325				4985.850	5663.283	AGM 4927+57 B.M. A093.33 (INS)

EMPCO-ARKGOV006780

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0.90	11.20	I	31.508	15.650	45.725	47.158	46.083	481.000	5138.450	
Anomaly	MLOS		17	0.40	10:30	I	9.667	39.775	47.208	49.442	34.600	1641.783	3975.383	
Anomaly	MLOS		25	0.80	10:50	E	0 150	45 375	48.742	45.525	49.608	1965.642	3655.442	
Marker	AGM						19.258	28.058				5647.350	5876.792	AGM 4870+90 B.M. A092.26
Anomaly	MLOS		26	0.60	10.35	E	24.308	22.508	45.392	46.817	45.108	73.450	5784.583	
Cluster	MLOS		18	1.20	03:55	E	7.850	32.383	44.367	40.233	48 392	260.333	5604.283	
Anomaly	MLOS		18	0.60	03:55	E	8.692	31.542	44 367	40.233	48.392	260.333	5604.283	
Cluster	MLOS		33	2 70	05:50	E	38.375	8.117	50.783	46.492	46.475	399.742	5458.617	
Cluster	MLOS		16	5.50	04:45	E	39.092	7.400	50.783	46.492	46.475	399.742	5458.617	
Cluster	MLOS		38	5.40	05:10	E	39 758	6.733	50.783	46.492	46.475	399.742	5458.617	
Marker	AGM						5.450	40.867				5899.400	6673.708	AGM 4811+47 B.M. A091.13
NCA	NCA			0.00	11:45	E	0 217	45.408	47.142	45.625	45.175	3670.033	2998.917	Metal In Close Proximity
NCA	NCA			0.00	12:30	I	2.717	38 242	43.825	40.958	45.267	4819.117	1854.500	Long Seam Anomaly
NCA	NCA			0.00	12:40	I	5.025	35.933	43.825	40.958	45.267	4819.117	1854.500	Long Seam Anomaly
NCA	NCA			0.00	12:40	I	14 308	26.650	43.825	40.958	45.267	4819.117	1854.500	Long Seam Anomaly
NCA	NCA			0.00	12:35	I	17.033	23 925	43.825	40.958	45.267	4819.117	1854.500	Long Seam Anomaly
NCA	NCA			0.00	12:40	I	22.300	18 658	43.825	40.958	45.267	4819.117	1854.500	Long Seam Anomaly
Marker	AGM						16.742	27.575				6697.833	7567.408	AGM 4744+71 B.M. A089.86 (INS)
NCA	NCA			0.00	10:30	I	20.767	28.767	49.933	49.533	44.917	1296.517	6248.933	Mill Anomaly
Anomaly	MLOS		15	0 50	04:40	I	36.450	13.533	49.042	49.983	48.567	4714.167	2830.833	
NCA	NCA			0 00	12:00	E	22.675	23.775	43 900	46.450	50.142	5175.950	2372.583	Excess Metal
Anomaly	MLOS		15	0.60	04:55	E	24.492	18.908	46.783	43.400	46.067	6107.367	1444.217	
Anomaly	MLOS		17	0.40	11:30	E	41.933	7.208	44 633	49.142	49.400	7066.433	479.408	
Marker	AGM						11.300	35.683				7583.683	4591.925	AGM 4668+69 B.M. A088.43
Anomaly	MLOS		26	1.10	05:45	E	23.517	22.300	48.517	45.817	46.092	3559.467	1022.325	
Anomaly	MLOS		20	0.90	11:40	I	23.058	26 333	35.942	49.392	45.633	4571.217	7.000	
Marker	AGM						7.000	38.633				4620.608	5912.475	AGM 4622+61 B.M. A087.55
Anomaly	MLOS		18	1.20	11:20	I	18.608	30.558	48.950	49.167	40.617	184 700	5717.242	
Anomaly	MLOS		18	0.70	04:15	I	16.942	30.658	49.750	47.600	49.708	324 233	5579.275	
Anomaly	MLOS		18	2.40	10:45	E	19 792	29.708	44.258	49.500	50.008	2778.700	3122.908	
Anomaly	MLOS		19	0.60	10:30	E	6.933	43.075	49.500	50.008	45.083	2828.200	3072.900	
Cluster	MLOS		10	2.70	11:10	E	7.167	42.842	49.500	50.008	45.083	2828.200	3072.900	
Cluster	MLOS		32	15.30	09:50	E	8.050	41.958	49.500	50.008	45.083	2828.200	3072.900	

EMPCO-ARKGOV006781

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	02:45	I	17.908	26.833	44.667	44.742	45.833	3786.183	2120 183	Mill Anomaly
Anomaly	MLOS		21	0.70	09:20	I	2.225	44 283	46.725	46 508	30.425	4368.658	1535.942	
Marker	AGM						32.225	14.333				5918.883	5867.625	AGM 4563+75 B.M. A086.44 (INS)
Anomaly	MLOS		16	0.70	03:25	E	32.408	11.775	45.100	44.183	46.642	5759.358	78.417	
Marker	AGM						31.775	17.942				5850.183	6643.067	AGM 4504+18 B.M. A085.31
Anomaly	MLOS		21	0.60	05:15	E	39 658	6.717	46.617	46.375	50.758	1492.042	5122.592	
Cluster	MLOS		25	1.30	02.20	E	9.317	41.442	46.375	50.758	44.492	1538.417	5071 833	
Anomaly	MLOS		19	0.50	11:30	I	17.100	29.142	37 792	46.242	44.433	2080.867	4533 900	
NCA	NCA			0.00	10:20	I	18.233	28.392	44.133	46.625	47.417	3970.717	2643.667	Mill Anomaly
NCA	NCA			0.00	10.40	I	22.900	23.725	44.133	46.625	47.417	3970.717	2643 667	Mill Anomaly
NCA	NCA			0.00	10:10	E	8.992	39.042	44.133	48.033	45.025	4666.342	1946.633	Metal In Close Proximity
NCA	NCA			0.00	02:05	E	10.367	40.592	50.967	50.958	44.075	4906.733	1703.317	Metal In Close Proximity
Anomaly	MLOS		16	0.80	10:00	I	28.917	21.500	37.292	50.417	51.958	5649.542	961.050	
Anomaly	MLOS		15	0.30	05:00	I	8 350	35.125	51.958	43.475	45.558	5751.917	865.617	
Marker	AGM						46.225	3.358				6614.783	6462.808	AGM 4437+45 B.M. A084.05
NCA	NCA			0.00	11:50	E	43.600	1.775	44.892	45.375	49.825	1025.475	5395.317	Metal In Close Proximity
Anomaly	MLOS		17	0.60	06:05	I	41.750	8.775	50.867	50.525	49.775	1171.542	5244.100	Possible Non-Corrosion Anomaly
Anomaly	MLOS		20	1.20	10:00	I	24.492	24.892	48.167	49.383	52.483	1745.200	4671.583	
Anomaly	MLOS		16	0.50	01:55	I	29.275	18.208	52.433	47.483	52.008	2377.117	4041.567	
Anomaly	MLOS		15	0.60	05:55	I	7.625	37.900	49.850	45.525	31.225	4293.100	2127.542	
Anomaly	MLOS		19	0.50	01:10	I	18.058	29.017	31.225	47.075	48.400	4369.850	2049.242	
Anomaly	MLOS		28	0.90	06:25	I	19.967	24.483	51.358	44.450	46.658	5367.825	1053.892	
Anomaly	MLOS		24	0.90	05:50	I	35.817	8.633	51.358	44.450	46.658	5367.825	1053.892	
Anomaly	MLOS		15	0.60	06:05	I	14.133	32 525	44.450	46.658	46.325	5412.275	1007.233	
Anomaly	MLOS		20	0.70	08:20	E	0.000	2.175	27.492	2.175	4.608	6461.617	2.375	Girth Weld Anomaly
Anomaly	MLOS		37	0 80	07:25	E	0.008	2.167	27.492	2.175	4.608	6461.617	2.375	Girth Weld Anomaly
Marker	VALV						2.375	2.233				6463.792	11.333	Valve 82 4372+78 B.M. V082.82
Marker	VALV						2.508	2.250				11.058	7381.842	Valve B V. # 1 S.H.G. 4372+65 B.M. V082.82
NCA	NCA			0.00	05:35	E	18.875	24.608	43.517	43.483	31.733	163.550	7177.058	Metal In Close Proximity
NCA	NCA			0.00	03:20	E	23.767	19.717	43.517	43.483	31 733	163.550	7177.058	Metal In Close Proximity
NCA	NCA			0.00	05:35	E	5 125	36.850	31.733	41.975	3.967	238.767	7103.350	Metal In Close Proximity
Anomaly	MLOS		16	2.20	05:55	E	9.225	22.833	43.792	32.058	21.142	455.967	6896.067	
Anomaly	MLOS		22	1.10	05:00	I	12.667	33 783	44.817	46.450	46.975	584.975	6752.667	

EMPCO-ARKGOV006782

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	12:50	E	29.125	17.000	42.900	46.125	45.167	1109.983	6227.983	Metal In Close Proximity
NCA	NCA			0.00	12:10	I	13.433	36 550	50.500	49.983	5.675	1298.225	6035.883	Mill Anomaly
NCA	NCA			0.00	04:30	I	47.125	0.133	48.033	47 258	49.225	1648.225	5688.608	Mill Anomaly
Anomaly	MLOS		19	0.50	05:50	E	45.733	5.308	48 450	51.042	45.483	3873.558	3459.492	
Cluster	MLOS		16	1.80	06:10	E	4.533	40.950	46.000	45.483	43.550	5400.850	1937.758	
Anomaly	MLOS		16	1.20	07:10	E	5.475	40.008	46.000	45.483	43.550	5400.850	1937.758	
Anomaly	MLOS		15	0.50	02:15	I	4.450	39.100	45 483	43.550	49.225	5446.333	1894.208	
Marker	AGM						31.342	13.183				7352.750	5554.833	AGM 4298+79 B M. A081.42
Anomaly	MLOS		17	1.10	06:00	I	36 267	7.983	47.017	44.250	46.942	1834.075	3689.692	
Marker	AGM						44.750	3.483				5523.267	8428.158	AGM 4243+00 B M. A080.36
Anomaly	MLOS		17	0.90	08:35	I	13 600	36.533	49.492	50.133	47.492	874.600	7506.908	
Anomaly	MLOS		16	0.90	07:10	E	11.400	37.842	42.833	49.242	49.133	6779.117	1603.283	
Anomaly	MLOS		22	1.00	09:40	E	46.800	3.192	48.750	49.992	47.892	7417.083	964.567	
Anomaly	MLOS		22	0.90	11:40	I	26.583	19.783	48.250	46 367	50.875	7738.567	646.708	
Marker	VALV						1.725	1.792				8429.917	11449.475	Valve B V. # G25 4159+06 B.M. V078.77
Marker	AGM						24.642	15.075				11426.625	7013.308	AGM 4044+93 B.M. A076.61
Marker	AGM						20.908	18.892				7007.475	11850.408	AGM 3974+73 B.M. A075.28
Anomaly	MLOS		26	1.10	07:50	E	25.325	11 517	39.842	36.842	39.833	4951.933	6880.525	
Marker	AGM						14.808	25.000				11854.492	5609.425	AGM 3855+49 B.M. A073.02 (INS)
Anomaly	MLOS		19	0.50	04:20	E	32.700	7.058	39.658	39.758	2.033	952.992	4641.675	
NCA	NCA			0.00	02:25	U	19.183	20.333	2.033	39 517	39.875	994.783	4600.125	Sensor Noise
Anomaly	MLOS		16	0.90	09:00	E	32.350	7.058	39.708	39.408	39.683	3912.908	1682.108	
Marker	AGM						37.308	2.275				5597.117	2573.158	AGM 3799+38 B.M. A071.96 (INS)
Cluster	MLOS		27	0.70	08:15	E	18.958	20.650	39.767	39.608	39.808	839.558	1696.267	
Marker	VALV						1.783	1.725				2573.650	3289.367	Valve B.V. # G24 3773+25 B.M. V071.46
Anomaly	MLOS		16	0.40	12:00	I	34.058	12.283	50.017	46.342	47.917	2492.242	752.508	
NCA	NCA			0.00	03:25	I	9.717	36.625	47.917	46.342	44.100	2586.500	658.250	Mill Anomaly
Marker	AGM						7.725	21.075				3283.367	4733.717	AGM 3740+29 B.M. A070.84
Anomaly	MLOS		16	0.40	12:20	E	25.217	23.408	45.158	48.625	46.233	465.250	4240.917	
NCA	NCA			0.00	12:10	I	41.800	8.400	48 450	50.200	46.800	1382.508	3322.083	Mill Anomaly
NCA	NCA			0.00	05:35	I	31.158	17.667	47.100	48.825	49.417	1739.917	2966.050	Mill Anomaly
NCA	NCA			0.00	08:40	I	18 925	29.775	48.717	48.700	46 733	2121.392	2584 700	Mill Anomaly
NCA	NCA			0.00	02:20	I	1.492	47.742	46.908	49.233	46.675	3275.967	1429.592	Mill Anomaly

EMPCO-ARKGOV006783

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	23	0.50	02:00	I	0.000	34.392	48.825	34.392	48.467	4647.367	73.033	Girth Weld Anomaly
Marker	AGM						24.567	26.500				4730.225	5205.675	AGM 3693+39 B.M. A069.95 (INS)
Anomaly	MLOS		37	0.40	08:15	U	0 017	50 058	47.433	50.075	48.200	2068.650	3113.450	Girth Weld Anomaly
NCA	NCA			0.00	06:20	I	43 258	5.333	49 950	48.592	49.825	4668.808	514.775	Mill Anomaly
Anomaly	MLOS		17	0.80	06:30	I	18.050	30.475	47.717	48.525	50.142	5054.000	129.650	
Marker	AGM						30.058	17.942				5202.117	4299.783	AGM 3640+54 B.M. A068.95
Marker	AGM						33.008	15.508				4284.717	7786.642	AGM 3597+39 B M. A068.13
Anomaly	MLOS		18	0.90	07:50	E	47.725	3.667	50.892	51.392	50.717	112.817	7637.942	
Anomaly	MLOS		16	0.60	11.30	I	14 333	16 717	44 017	31 050	50.383	679.325	7091.775	
Anomaly	MLOS		15	0.40	11:10	I	19.208	11.842	44.017	31.050	50.383	679 325	7091 775	
Anomaly	MLOS		15	0.50	11:20	I	22.158	8.892	44.017	31.050	50.383	679 325	7091.775	
Anomaly	MLOS		18	0.80	06:05	E	8.742	39.192	50.533	47.933	38.333	1257.925	6496.292	
Anomaly	MLOS		18	0.80	11:40	I	5.033	37.367	50.300	42.400	49.775	2575.550	5184.200	
NCA	NCA			0 00	06:35	I	37.125	12.133	49.992	49.258	35.950	3896.217	3856.675	Mill Anomaly
Cluster	MLOS		20	0.80	01:10	E	9.533	37.858	49.908	47.392	46.675	4221.342	3533.417	
Anomaly	MLOS		17	0.80	11:45	I	36.025	5.950	46.883	41.975	49.208	5321.133	2439 042	
Anomaly	MLOS		19	0.50	02:50	E	49.700	0.417	46.667	50.117	48.792	6573.383	1178.650	
NCA	NCA			0.00	03:05	I	16.125	28.192	50 208	44 317	50.100	7150.167	607.667	Excess Metal
NCA	NCA			0.00	11:50	E	48.808	0.167	48.692	48.975	45.792	7620.133	133.042	Excess Metal
Anomaly	MLOS		21	1.20	08:55	E	34.075	11.717	48.975	45.792	48.075	7669.108	87.250	
Marker	VALV						2.217	2.533				7799.933	5342.808	Valve B.V. # S.P. 3518+54 B.M. V066.64
Anomaly	MLOS		17	0.70	07:40	E	0.258	43.508	50.067	43.767	50.883	4106.200	1195.375	
Marker	AGM						15.825	33.467				5329.517	16524.183	AGM 3465+78 B.M. A065.64
Cluster	MLOS		14	1.70	04:50	E	32.517	17.708	51 167	50 225	45 417	1826.708	14680 717	
Anomaly	MLOS		15	0.70	05:15	E	32.675	17.550	51.167	50.225	45.417	1826.708	14680.717	
Anomaly	MLOS		17	1.00	07:20	I	16.592	21.425	43.417	38.017	7.925	1965.767	14553.867	
Cluster	MLOS		17	1.10	01:40	E	34.158	3.858	43.417	38.017	7.925	1965.767	14553.867	
Anomaly	MLOS		22	0 60	11:50	I	2.742	39.842	40.375	42.583	43.425	2052.083	14462.983	
Anomaly	MLOS		29	0.60	12:10	I	1.750	41.067	42.558	42.817	23.958	2468.858	14045.975	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	04:30	I	7.992	33.358	41.617	41.350	39.508	2746.158	13770.142	Mill Anomaly
Anomaly	MLOS		23	0.80	06:20	E	6.517	32.992	41.350	39.508	38.333	2787.508	13730.633	
Anomaly	MLOS		17	0.80	06:10	E	8.867	30.642	41.350	39.508	38.333	2787.508	13730.633	
Anomaly	MLOS		25	0.90	05:30	E	12.625	26 883	41.350	39.508	38.333	2787.508	13730.633	

EMPCO-ARKGOV006784

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	30	0.90	05:40	E	14 667	23.667	39.508	38.333	42.675	2827.017	13692.300	
Anomaly	MLOS		19	0.60	06:15	E	22.525	15.808	39.508	38.333	42.675	2827.017	13692.300	
Anomaly	MLOS		18	1.00	06:10	E	31.108	11.567	38.333	42.675	42.333	2865.350	13649.625	
Anomaly	MLOS		22	1.20	05:15	E	37.542	5.133	38.333	42.675	42.333	2865.350	13649.625	
Anomaly	MLOS		27	1.10	06:10	E	24.308	19.642	37.842	43.950	43.108	3027.167	13486.533	
Anomaly	MLOS		17	0.80	05:35	E	2.975	39.542	43.217	42.517	37.475	3363.317	13151.817	
Anomaly	MLOS		17	0.70	05:35	E	17.175	25.342	43.217	42.517	37.475	3363.317	13151.817	
Anomaly	MLOS		21	0.70	05:50	E	39.308	3.208	43.217	42.517	37.475	3363.317	13151.817	
Anomaly	MLOS		16	1.00	06:30	E	17.400	20.075	42.517	37.475	43.467	3405.833	13114.342	
Anomaly	MLOS		26	1.40	05:20	E	5 225	38.242	37.475	43.467	3.233	3443.308	13070.875	
Cluster	MLOS		18	1.70	05:50	E	7.483	35.983	37.475	43.467	3.233	3443.308	13070.875	
Anomaly	MLOS		16	0.80	05:10	E	9.433	34 033	37.475	43.467	3.233	3443.308	13070.875	
Anomaly	MLOS		17	1.40	05:50	E	26.717	16.750	37.475	43.467	3.233	3443.308	13070.875	
Anomaly	MLOS		18	1.30	06:20	E	34.317	9.150	37.475	43.467	3.233	3443.308	13070.875	
NCA	NCA			0.00	04:50	I	40.433	2.833	42.592	43.267	43.183	4385.725	12128.658	Mill Anomaly
Cluster	MLOS		23	0.90	06:05	E	0.558	38.525	42.717	39.083	42.508	5441.467	11077.100	
Anomaly	MLOS		19	1.00	04:50	E	23.258	15.825	42.717	39.083	42.508	5441.467	11077.100	
Cluster	MLOS		19	2.30	05:30	E	23.792	15.292	42.717	39.083	42.508	5441.467	11077.100	
NCA	NCA			0.00	02:25	I	2.658	36.058	41.267	38.717	43.592	6183.042	10335.892	Mill Anomaly
Cluster	MLOS		20	0.70	05:40	E	26.708	16.892	44.817	43.600	43.125	7111.950	9402.100	
Anomaly	MLOS		17	1 40	06:00	E	11.233	33.617	50.058	44.850	51.400	8094.242	8418.558	
Cluster	MLOS		22	1.30	05:20	E	12.158	32.692	50.058	44.850	51.400	8094.242	8418.558	
Anomaly	MLOS		22	0.70	05:00	E	7.125	44.017	48.808	51.142	37.950	8488.075	8018.433	
Anomaly	MLOS		17	0.50	01:25	E	25.317	25.058	50.683	50.375	45.675	9017.700	7489.575	
Anomaly	MLOS		15	0.50	12:55	I	5.375	36.708	45.775	42.083	48.875	15415.383	1100.183	
Marker	AGM						31.900	18.608				16525.750	11368.842	AGM 3300+28 B.M. A062.50
Cluster	MLOS		20	1.60	04:20	I	14.625	35.275	50.875	49.900	46 075	295.800	11041.750	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	05:10	I	16.233	33.667	50.875	49.900	46.075	295.800	11041.750	Mill Anomaly
Anomaly	MLOS		17	0.90	01:25	I	44.108	6.158	49.117	50.267	44.017	584.108	10753.075	
NCA	NCA			0.00	04:20	I	13.875	30.817	49.558	44.692	33.217	6072.242	5270.517	Mill Anomaly
NCA	NCA			0.00	12:55	I	34 933	10.908	50.525	45.842	51.083	10020.283	1321.325	Long Seam Anomaly
Anomaly	MLOS		17	0.80	05:15	E	28.950	22.292	50.283	51.242	51.442	11215.217	120.992	
Marker	AGM						19.633	25.025				11367.817	8553.058	AGM 3186+22 B M. A060.34

EMPCO-ARKGOV006785

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0.60	04:40	I	38.225	6.992	45.433	45.217	49.317	118.283	8414 583	
Anomaly	MLOS		18	0.60	07:20	E	42.558	6.758	45 217	49.317	45.367	163.500	8365.267	
NCA	NCA			0.00	10:10	I	19.283	26 083	49.317	45.367	47.125	212.817	8319.900	Mill Anomaly
Anomaly	MLOS		17	1.10	06:55	E	19.858	29.117	49.742	48.975	50.317	355.050	8174.058	
Anomaly	MLOS		15	1.20	06:50	E	20.750	28.225	49.742	48.975	50.317	355 050	8174.058	
NCA	NCA			0.00	01:20	E	9.467	0.917	50.175	10.383	27.733	3473.150	5094.550	Metal In Close Proximity
NCA	NCA			0.00	01:20	E	0.250	27.483	10.383	27.733	43.567	3483.533	5066.817	Metal In Close Proximity
Cluster	MLOS		29	6.30	04:35	E	48.867	2.142	49.092	51.008	45.350	3651.125	4875.950	
Anomaly	MLOS		21	0.90	06:25	E	31.325	14.908	48.217	46.233	44 742	3888.033	4643.817	
Anomaly	MLOS		15	0.60	06:10	E	25.375	19.908	50.383	45.283	47.425	4075.083	4457.717	
Anomaly	MLOS		16	0.80	05:20	E	4.592	41.650	40.725	46.242	46.708	4664.858	3866.983	
Anomaly	MLOS		17	2.60	05:00	E	40.442	8.408	50.008	48.850	49 275	5845.150	2684.083	
Cluster	MLOS		30	3.90	05:35	E	27.983	22.867	49.275	50 850	15 925	5943.275	2583.958	
Anomaly	MLOS		16	2.10	04:40	E	4.892	28.225	45.292	33.117	43.858	6414.042	2130.925	
Anomaly	MLOS		16	0 70	07:50	I	14 500	29.225	43 858	43.725	43.167	6491.017	2043.342	
NCA	NCA			0 00	06:45	I	47 550	3.675	46.167	51.225	50.017	7532.825	994.033	Mill Anomaly
Anomaly	MLOS		15	0.90	01:30	E	25.200	19.950	44.275	45.150	45.858	8186.592	346.342	
Marker	AGM						17.600	31.133				8560.483	3583.742	AGM 3100+44 B.M. A058.72
Anomaly	MLOS		24	1.50	12:00	E	26.458	22.275	20.942	48.733	50.717	-17.600	3583.742	Possible Non-Corrosion Anomaly
NCA	NCA			0 00	02:10	E	3.742	35.925	49 208	39.667	49.025	316.600	3258.608	Metal In Close Proximity
Cluster	MLOS		15	13.00	05:50	E	15.817	33.567	49.025	49.383	49.733	405.292	3160.200	
NCA	NCA			0.00	10:00	I	12.083	37.000	48.725	49.083	50.142	943 808	2621.983	Mill Anomaly
Anomaly	MLOS		15	1 20	06:55	E	34.875	11.725	44.650	46.600	44.292	1832.033	1736.242	
Anomaly	MLOS		17	1.30	07:20	E	37.808	8.792	44.650	46.600	44.292	1832.033	1736.242	
Anomaly	MLOS		20	0.80	07:00	I	11.817	33.950	44.292	45.767	46.283	1922.925	1646.183	
Anomaly	MLOS		16	0 70	06:00	E	0.942	44.825	48.733	45.767	49 867	3152.925	416.183	
Anomaly	MLOS		17	0.50	06:35	E	7.733	38.033	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		15	0.90	06:00	E	8.008	37.758	48.733	45.767	49.867	3152.925	416.183	
Cluster	MLOS		17	1.50	06:20	E	8.417	37.350	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		16	0.70	06:20	E	9.800	35.967	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		19	0.80	06:15	E	10 317	35.450	48 733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		16	1.00	06:05	E	11.742	34.025	48 733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		18	1.10	05:50	E	13.008	32.758	48.733	45.767	49.867	3152.925	416.183	

EMPCO-ARKGOV006786

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.70	06:30	E	13.500	32.267	48.733	45 767	49.867	3152.925	416.183	
Anomaly	MLOS		18	1.30	06:40	E	13.750	32.017	48.733	45.767	49 867	3152.925	416.183	
Anomaly	MLOS		17	0.60	06.25	E	14.200	31.567	48.733	45.767	49.867	3152.925	416.183	
Cluster	MLOS		24	1.60	05:50	E	15.467	30.300	48.733	45.767	49.867	3152.925	416.183	
Cluster	MLOS		15	1.30	05:50	E	15.967	29 800	48.733	45.767	49.867	3152.925	416.183	
Cluster	MLOS		15	1.80	06.10	E	16.233	29.533	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		16	0.40	06:05	E	16.442	29.325	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		15	0.50	05:55	E	16.967	28.800	48.733	45.767	49.867	3152.925	416.183	
Anomaly	MLOS		17	0.80	06:30	E	3.783	46.083	45.767	49.867	46.475	3198.692	366.317	
Marker	AGM						47.592	1.900				3567.283	5979.092	AGM 3064+38 B.M. A058.03 (INS)
Anomaly	MLOS		20	2.20	03:20	I	16 283	31.692	50.217	47.975	41.717	568.700	5364.317	
NCA	NCA			0.00	08:35	E	43.650	2.842	48.125	46.492	49.800	792.642	5141.858	Metal In Close Proximity
NCA	NCA			0 00	09:00	E	6.408	37.792	45.267	44.200	46.733	1225.633	4711.158	Metal In Close Proximity
Anomaly	MLOS		34	0.80	04:55	E	39 342	6.208	49.208	45.550	49.092	1365.775	4569.667	
Anomaly	MLOS		39	0.90	04:00	E	41.433	4.117	49.208	45.550	49.092	1365.775	4569.667	
Cluster	MLOS		26	1.70	07:20	E	44.442	4.892	45.533	49.333	46.983	2110.508	3821.150	
Anomaly	MLOS		16	0.80	05:15	E	47.733	2.992	47.200	50.725	48.900	2403.967	3526.300	
Anomaly	MLOS		15	0 60	06:20	E	1.183	47.717	50.725	48.900	49.125	2454.692	3477.400	
Anomaly	MLOS		18	0.80	05:50	E	2.667	46.467	50.333	49.133	50 650	3033.100	2898.758	
Cluster	MLOS		16	1.30	05:30	E	2.933	46.200	50.333	49.133	50.650	3033.100	2898.758	
NCA	NCA			0.00	05:50	E	21.075	18.042	49.150	39.117	49.950	3182.033	2759.842	Metal In Close Proximity
Anomaly	MLOS		18	0.60	05:40	E	2.783	47.167	39.117	49.950	48.817	3221.150	2709.892	
Anomaly	MLOS		17	0.90	07:15	I	16.483	33.525	48.817	50 008	46.642	3319.917	2611.067	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	06:45	I	17.525	31.592	48.808	49 117	49.417	3664.017	2267.858	Mill Anomaly
Anomaly	MLOS		19	1.60	01:40	E	38.358	7.383	49.575	45 742	37.242	4341.342	1593.908	
Anomaly	MLOS		17	0.50	06:05	E	13.325	38.758	48.683	52.083	42.258	5626.917	301.992	
Anomaly	MLOS		18	0.90	05:30	E	15.067	37.017	48.683	52.083	42.258	5626.917	301.992	
Anomaly	MLOS		15	0.90	05:40	E	18.592	33.492	48.683	52.083	42.258	5626.917	301.992	
Anomaly	MLOS		22	0.50	05:50	E	19.317	32.767	48 683	52.083	42.258	5626.917	301.992	
Anomaly	MLOS		17	0.80	03:20	E	31.117	6.142	42.258	37.258	45.825	5721.258	222.475	
Marker	VALV						2.358	2.317				5978.633	8371.625	Valve B.V. # G23 3004+49 B.M. V056.90
Anomaly	MLOS		16	0.50	05:05	I	47.925	1.442	44.375	49.367	50.492	152.783	8171.792	
Anomaly	MLOS		20	0.60	06:25	E	28.292	22.200	49.367	50.492	50.425	202.150	8121.300	

EMPCO-ARKGOV006787

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	22	1.70	06:15	E	31.750	19.058	48.333	50.808	45.183	580.208	7742.925	
NCA	NCA			0.00	10:40	E	41.658	7.083	48.708	48.742	43.967	1614.192	6711.008	Metal In Close Proximity
Anomaly	MLOS		15	0.60	10.50	I	43.483	4.708	45.275	48.192	46.542	1752.175	6573.575	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.50	03:50	E	34.642	12.975	43.758	47.617	51.275	1938.833	6387.492	
Anomaly	MLOS		15	1.40	03.45	E	35.092	12.525	43.758	47.617	51.275	1938.833	6387.492	
Cluster	MLOS		15	1.30	04:00	E	35.600	12.017	43.758	47.617	51.275	1938.833	6387.492	
Anomaly	MLOS		17	0.80	04:40	E	36.242	11.375	43.758	47.617	51.275	1938.833	6387.492	
NCA	NCA			0.00	11:50	E	20.358	25.033	49.558	45.392	46.600	2316.908	6011.642	Metal In Close Proximity
NCA	NCA			0.00	09:30	E	46 742	3.142	48 558	49.883	45.625	2457.458	5866.600	Metal In Close Proximity
Anomaly	MLOS		15	2.20	06:30	E	17.642	30.967	45.025	48.608	49.025	3521.700	4803.633	
Anomaly	MLOS		16	1.10	06.20	E	19.308	29.300	45.025	48.608	49.025	3521.700	4803.633	
Anomaly	MLOS		19	1.30	12:00	I	8.383	40 642	48.608	49.025	47.342	3570.308	4754.608	
Anomaly	MLOS		18	0.70	05:45	E	35.867	13 158	48.608	49.025	47.342	3570.308	4754.608	
Anomaly	MLOS		19	0.90	05:50	E	36 100	12.925	48 608	49.025	47.342	3570.308	4754 608	
Anomaly	MLOS		17	0.80	08:30	E	43.917	1.875	43.883	45.792	45.467	3806.017	4522.133	
Anomaly	MLOS		16	1.40	08:20	E	13.825	31.800	46.625	45.625	47.475	4851.383	3476.933	
Anomaly	MLOS		15	1.50	08:30	E	14.192	31.433	46.625	45.625	47.475	4851.383	3476.933	
Anomaly	MLOS		27	1.30	07:45	E	37.825	7.800	46.625	45.625	47.475	4851.383	3476.933	
Anomaly	MLOS		15	1.40	04:20	E	6 200	41.275	45 625	47.475	46.708	4897.008	3429 458	
Anomaly	MLOS		16	2.10	04:30	E	6.542	40.933	45.625	47.475	46.708	4897.008	3429.458	
Cluster	MLOS		17	3.10	04:40	E	10.333	37.142	45.625	47.475	46.708	4897.008	3429.458	
Cluster	MLOS		29	1.50	05:20	E	11.775	35.700	45.625	47.475	46.708	4897.008	3429.458	
Anomaly	MLOS		15	2.20	04:20	E	14 542	32.933	45.625	47.475	46.708	4897.008	3429.458	
Anomaly	MLOS		18	1.50	04:45	E	26.567	20.908	45.625	47.475	46.708	4897.008	3429.458	
Anomaly	MLOS		16	1.30	05:30	E	29.267	18.208	45.625	47.475	46.708	4897.008	3429.458	
Anomaly	MLOS		19	0.50	06:05	E	47.992	2.150	47.792	50.142	50.408	5079.883	3243.917	
Anomaly	MLOS		16	0.60	04:40	E	35 008	13.683	50.408	48.692	50.258	5180.433	3144.817	
Anomaly	MLOS		19	0.60	05:20	E	35 408	13.283	50.408	48.692	50.258	5180.433	3144.817	
Cluster	MLOS		15	5.80	05:45	E	39.542	9.150	50.408	48.692	50 258	5180.433	3144.817	
Cluster	MLOS		15	1.80	06:10	E	25.617	16.242	50 258	41.858	48 025	5279.383	3052 700	
Anomaly	MLOS		21	1.10	07:00	E	25.625	16.233	50.258	41.858	48.025	5279.383	3052.700	
Anomaly	MLOS		15	0.90	06:10	E	26.275	15.583	50.258	41.858	48.025	5279.383	3052 700	
Anomaly	MLOS		23	0.80	06:55	E	28.492	13.367	50.258	41.858	48.025	5279.383	3052.700	

EMPCO-ARKGOV006788

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.20	06:30	E	28.667	13.192	50.258	41 858	48.025	5279.383	3052.700	
Cluster	MLOS		19	1.50	07:20	E	31 483	10.375	50.258	41.858	48.025	5279.383	3052.700	
Anomaly	MLOS		17	1.90	07:35	E	32.875	8.983	50.258	41.858	48.025	5279.383	3052.700	
Anomaly	MLOS		15	1 80	05:50	E	6.675	41.350	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		15	0.70	06:35	E	19.733	28.292	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		19	0.50	06.10	E	19.950	28.075	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		15	0 70	06:10	E	20.100	27.925	41.858	48.025	50 658	5321.242	3004.675	
Anomaly	MLOS		16	0.90	06:40	E	20.683	27.342	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		15	0.50	06:50	E	21.217	26.808	41.858	48.025	50.658	5321.242	3004 675	
Anomaly	MLOS		16	0 90	06:10	E	23 108	24.917	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		18	0.80	06:10	E	26.117	21.908	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		15	0.50	05:35	E	27.283	20.742	41.858	48.025	50.658	5321.242	3004.675	
Anomaly	MLOS		18	0 80	05:25	E	30.217	17.808	41.858	48.025	50 658	5321.242	3004 675	
Anomaly	MLOS		16	0.90	04:55	E	30 458	17.567	41.858	48.025	50.658	5321.242	3004.675	
Cluster	MLOS		21	3.30	08:50	E	30.808	18.658	49.392	49.467	48.575	5568.683	2755.792	
Anomaly	MLOS		15	0.50	06:00	E	20.100	26.508	50.233	46.608	43.233	5716.958	2610.375	
Anomaly	MLOS		15	0.70	06:35	E	18.050	29.417	44.883	47.467	48.950	6128.458	2198.017	
Anomaly	MLOS		15	1.10	07:45	E	44.000	3.467	44.883	47.467	48.950	6128.458	2198.017	
Anomaly	MLOS		15	1 60	07:45	E	44.250	3.217	44.883	47.467	48.950	6128.458	2198.017	
Cluster	MLOS		22	5.30	02:30	E	37.075	13.083	44.617	50.158	50.350	6320.000	2003.783	
Cluster	MLOS		29	5.60	03:30	E	37.442	12.717	44.617	50.158	50.350	6320.000	2003.783	
Cluster	MLOS		18	2.30	03:30	E	37.975	12.183	44.617	50 158	50.350	6320.000	2003.783	
Cluster	MLOS		10	2.10	02:25	E	38.275	11.883	44.617	50 158	50.350	6320.000	2003.783	
Cluster	MLOS		15	2.50	03:35	E	38 542	11.617	44.617	50.158	50.350	6320.000	2003.783	
Cluster	MLOS		15	0.90	02:50	E	39.350	10.808	44.617	50.158	50.350	6320.000	2003.783	
Anomaly	MLOS		16	0.50	03:25	E	39.608	10.550	44.617	50.158	50.350	6320.000	2003 783	
Anomaly	MLOS		15	0.90	07:05	I	15.033	30.642	43.508	45.675	45.367	6741.675	1586.592	
Cluster	MLOS		15	1.90	05:50	E	25.225	24.133	46.158	49.358	51.042	6928.558	1396.025	
NCA	NCA			0.00	08:40	I	10.542	38 417	51.042	48.958	43.475	7028.958	1296.025	Mill Anomaly
Marker	AGM						1.350	47.217				8372.592	3180.092	AGM 2920+74 B.M. A055.31
Anomaly	MLOS		29	1.00	02:40	E	19.075	25.608	49.200	44.683	44.333	1055.800	2126.825	
Anomaly	MLOS		18	1.20	03:30	E	25.400	19.283	49.200	44.683	44.333	1055.800	2126.825	
Anomaly	MLOS		17	1.00	02:45	E	26.033	18.650	49.200	44.683	44.333	1055.800	2126.825	

EMPCO-ARKGOV006789

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.80	03:00	E	27.158	17.525	49 200	44.683	44.333	1055.800	2126.825	
Cluster	MLOS		18	1.60	03:40	E	42.258	2.425	49.200	44 683	44.333	1055.800	2126.825	
Anomaly	MLOS		30	1.40	03:10	E	43.200	1.483	49.200	44 683	44.333	1055.800	2126.825	
Anomaly	MLOS		15	1.00	03:50	E	43.267	1.417	49.200	44.683	44.333	1055.800	2126 825	
Cluster	MLOS		16	1.30	01:35	E	44.183	0.500	49.200	44.683	44.333	1055.800	2126.825	
Anomaly	MLOS		21	1.20	12:40	E	44.367	0.317	49.200	44.683	44.333	1055.800	2126 825	
Anomaly	MLOS		16	1.10	04:10	E	1.783	42.550	44.683	44.333	46.858	1100.483	2082 492	
Anomaly	MLOS		18	1.30	05:35	E	16.892	27.442	44.683	44.333	46.858	1100.483	2082 492	
Anomaly	MLOS		18	1.10	04:10	E	17.117	27.217	44.683	44.333	46.858	1100.483	2082 492	
Cluster	MLOS		15	2.60	04:35	E	20.783	23.550	44.683	44.333	46.858	1100.483	2082.492	
Anomaly	MLOS		19	1.40	06:10	E	21.108	23.225	44.683	44.333	46.858	1100.483	2082.492	
Anomaly	MLOS		15	0.90	09:35	E	22.400	21.933	44.683	44.333	46.858	1100.483	2082.492	
Anomaly	MLOS		23	0.90	04:20	E	22.483	21.850	44.683	44.333	46.858	1100.483	2082 492	
Anomaly	MLOS		17	1.00	09:05	E	23 458	20.875	44.683	44.333	46.858	1100.483	2082.492	
Anomaly	MLOS		20	1.00	09:00	E	23.800	20.533	44.683	44 333	46.858	1100.483	2082.492	
Anomaly	MLOS		15	1.10	08:10	E	41.725	2.608	44 683	44.333	46.858	1100.483	2082.492	
Anomaly	MLOS		15	1.10	03:35	E	37.833	9.025	44.333	46.858	39.042	1144.817	2035.633	
Cluster	MLOS		26	3.50	07:30	E	2.633	47.608	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		28	1.30	07:20	E	4.167	46 075	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		15	0 80	08:50	E	4.475	45.767	48 408	50.242	46 142	1701.400	1475.667	
Anomaly	MLOS		22	0.80	08:05	E	6.075	44.167	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		16	1.90	04:10	E	11.158	39.083	48.408	50.242	46.142	1701.400	1475 667	
Anomaly	MLOS		16	0.80	01:50	E	12.592	37 650	48.408	50.242	46.142	1701.400	1475 667	
Anomaly	MLOS		16	0.80	04:15	E	14.300	35.942	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		17	2.30	01:50	E	17.233	33.008	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		17	1.50	01:25	E	18.833	31.408	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		21	1.40	02:50	E	20.900	29.342	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		23	3.60	12:40	E	23.300	26.942	48 408	50.242	46 142	1701.400	1475.667	
Anomaly	MLOS		21	1.00	12:30	E	23 617	26.625	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		34	2.30	01:10	E	23.850	26.392	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		16	0.90	01:15	E	24.267	25 975	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		19	1.10	03:10	E	28.067	22.175	48.408	50 242	46.142	1701.400	1475.667	
Anomaly	MLOS		21	1.00	03:05	E	28.558	21.683	48.408	50.242	46.142	1701.400	1475.667	

EMPCO-ARKGOV006790

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	20	0.80	02:45	E	31.792	18.450	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		17	0.90	03:20	E	35.333	14.908	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		15	0.80	01:30	E	36.617	13.625	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		22	1.50	03:00	E	36.683	13.558	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		28	0.80	08:20	E	42.817	7.425	48.408	50 242	46.142	1701.400	1475 667	
Anomaly	MLOS		24	1.60	03:05	E	44.133	6.108	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		16	0.90	02:30	E	44.250	5.992	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		18	1.30	02:55	E	46.533	3.708	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		23	0.90	04:00	E	47 150	3.092	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		17	1.30	08:20	E	48.000	2.242	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		22	1.00	03:55	E	48.300	1.942	48.408	50.242	46.142	1701.400	1475.667	
Anomaly	MLOS		18	1.30	08:20	E	48.958	1.283	48.408	50 242	46.142	1701.400	1475 667	
Anomaly	MLOS		25	1.10	06:50	E	49 467	0.775	48.408	50.242	46.142	1701.400	1475.667	
Cluster	MLOS		25	2.20	03:10	E	1.075	45.067	50.242	46.142	50.358	1751.642	1429.525	
Anomaly	MLOS		22	1.50	08:40	E	2.358	43.783	50 242	46.142	50.358	1751.642	1429.525	
Anomaly	MLOS		39	2.00	02:50	E	2.883	43 258	50.242	46.142	50.358	1751.642	1429.525	
Anomaly	MLOS		18	0.90	02:05	E	3.192	42.950	50.242	46.142	50.358	1751.642	1429.525	
Anomaly	MLOS		22	1.40	08:30	E	8.333	37.808	50.242	46.142	50.358	1751.642	1429.525	
Anomaly	MLOS		19	0.80	04:10	E	23.217	26.267	49.950	49.483	47.917	1946.825	1231.000	
Anomaly	MLOS		16	0.90	04:20	E	26 417	24.242	47.917	50.658	46.367	2044.225	1132.425	
Anomaly	MLOS		16	1.10	07:00	E	0.625	47.567	46.367	48.192	47.775	2141.250	1037.867	
Anomaly	MLOS		16	0.80	07:00	E	11.317	36.875	46.367	48.192	47.775	2141.250	1037.867	
Anomaly	MLOS		15	1.00	05:00	E	12.967	35.225	46.367	48.192	47.775	2141.250	1037 867	
Anomaly	MLOS		21	1.60	07:40	E	23.600	24.592	46.367	48.192	47.775	2141.250	1037.867	
Cluster	MLOS		17	1.80	08:40	E	46.467	1.725	46.367	48.192	47.775	2141.250	1037.867	
Cluster	MLOS		15	1.40	04:30	E	9.717	38.058	48.192	47.775	50.100	2189.442	990.092	
Anomaly	MLOS		15	1 90	08:00	E	13.750	27.717	49.900	41.467	49.575	2537.050	648.792	
Cluster	MLOS		28	1.60	05:00	E	34.992	14.617	49.875	49.608	49.133	3054.208	123.492	
Anomaly	MLOS		16	0.80	05:45	E	38.725	10.883	49.875	49.608	49.133	3054.208	123.492	
Anomaly	MLOS		15	0.70	06:20	E	39.392	10.217	49.875	49.608	49.133	3054.208	123.492	
Anomaly	MLOS		18	0.90	06:30	E	41.867	7.742	49.875	49.608	49.133	3054.208	123.492	
Anomaly	MLOS		19	1.60	12:00	E	0.750	46.183	49.133	46.933	35.342	3152.950	27.425	
Marker	AGM						27.425	7.917				3199.883	7393.217	AGM 2888+60 B.M. A054.71

EMPCO-ARKGOV006791

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	17	3.60	06:20	E	17.442	31.458	35.342	48 900	45.225	7.917	7344.317	
Anomaly	MLOS		19	0.80	06:10	E	18.492	30.408	35.342	48.900	45.225	7.917	7344.317	
Cluster	MLOS		17	2.70	05:50	E	23.808	25.092	35.342	48.900	45.225	7.917	7344.317	
Anomaly	MLOS		18	1.30	06:25	E	30.842	18.058	35.342	48 900	45.225	7 917	7344.317	
Cluster	MLOS		20	2.20	05:20	E	2.275	43.650	44.300	45.925	44.167	923.833	6431.375	
Anomaly	MLOS		15	0.90	06:35	E	3.625	42.300	44.300	45 925	44.167	923.833	6431.375	
Anomaly	MLOS		22	0.90	06:20	E	22.150	24.983	45.200	47 133	49.908	1530.817	5823.183	
Anomaly	MLOS		18	1.20	04:40	E	26.275	20.858	45.200	47.133	49 908	1530.817	5823 183	
Anomaly	MLOS		21	1.30	04:55	E	27.142	19.992	45.200	47.133	49 908	1530.817	5823.183	
Anomaly	MLOS		16	1.20	04.40	E	28.242	18.892	45.200	47 133	49.908	1530.817	5823.183	
Anomaly	MLOS		15	1.30	05:00	E	31.150	15.983	45.200	47.133	49 908	1530.817	5823 183	
Anomaly	MLOS		18	1.30	05:10	E	35.275	11.858	45.200	47.133	49.908	1530.817	5823.183	
Anomaly	MLOS		16	1.10	04:55	E	38.742	8.392	45.200	47.133	49.908	1530.817	5823.183	
Anomaly	MLOS		15	1.00	05:10	E	45.008	2.125	45.200	47.133	49.908	1530.817	5823.183	
Anomaly	MLOS		21	0.90	05:30	E	1.450	48.458	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		18	1.00	06:40	E	1.625	48.283	47.133	49 908	48.858	1577.950	5773.275	
Anomaly	MLOS		21	1 50	05:30	E	8.508	41.400	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		20	1.50	05:20	E	8.808	41 100	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		16	0.90	05:10	E	9.508	40.400	47.133	49.908	48.858	1577.950	5773.275	
Cluster	MLOS		22	2.80	05:30	E	17.508	32.400	47.133	49 908	48.858	1577.950	5773.275	
Anomaly	MLOS		16	1 10	06:20	E	20.675	29.233	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		15	1.10	06:30	E	22.242	27.667	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		16	1.30	06:30	E	22.608	27.300	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		18	1.10	06:15	E	25.608	24.300	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		16	1.20	05:05	E	26 017	23.892	47.133	49.908	48 858	1577.950	5773.275	
Anomaly	MLOS		16	0.80	04:50	E	35.192	14 717	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		22	1.30	05:50	E	35.742	14.167	47.133	49.908	48.858	1577.950	5773 275	
Anomaly	MLOS		15	0.60	06:45	E	35.883	14.025	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		15	1.30	05:45	E	36.075	13.833	47.133	49 908	48.858	1577.950	5773.275	
Anomaly	MLOS		17	1.10	05:15	E	36.675	13.233	47.133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		16	1.30	04:50	E	37.442	12.467	47 133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		15	0.90	05:00	E	45.617	4.292	47 133	49.908	48.858	1577.950	5773.275	
Anomaly	MLOS		20	0.70	06:50	E	12.133	34 642	50 867	46.775	47.008	1825.550	5528.808	

EMPCO-ARKGOV006792

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.10	06:45	E	13.008	33.767	50.867	46 775	47.008	1825.550	5528.808	
Anomaly	MLOS		16	1.60	06:45	E	13.742	33.033	50.867	46.775	47.008	1825.550	5528.808	
Cluster	MLOS		15	3.50	05:15	E	21 608	25.167	50.867	46.775	47.008	1825.550	5528.808	
Cluster	MLOS		11	3.00	06:30	E	21.775	25.000	50.867	46.775	47.008	1825.550	5528.808	
Cluster	MLOS		17	2.90	06:25	E	22.733	24.042	50.867	46.775	47.008	1825.550	5528.808	
Cluster	MLOS		17	5.90	05:30	E	36.275	10.500	50.867	46 775	47.008	1825.550	5528.808	
Anomaly	MLOS		15	1.30	06:40	E	36.842	9.933	50 867	46.775	47.008	1825.550	5528.808	
Cluster	MLOS		36	1.80	06:30	E	39.892	6.883	50.867	46.775	47.008	1825.550	5528.808	
Anomaly	MLOS		15	1.90	06:30	E	41.942	4.833	50 867	46.775	47 008	1825.550	5528.808	
Anomaly	MLOS		17	1.70	04:55	E	45.700	1.075	50.867	46.775	47.008	1825.550	5528.808	
Anomaly	MLOS		20	1.50	05:45	E	1.033	45.975	46.775	47.008	43.958	1872.325	5481.800	
Cluster	MLOS		19	1.50	05:10	E	1.508	45.500	46.775	47.008	43.958	1872.325	5481.800	
Anomaly	MLOS		19	0.90	06:45	E	2.767	44.242	46.775	47.008	43.958	1872.325	5481.800	
Anomaly	MLOS		18	1.30	04:30	E	8.300	38.708	46.775	47.008	43 958	1872.325	5481.800	
Anomaly	MLOS		16	0.50	04:40	E	28.317	18.692	46.775	47.008	43.958	1872.325	5481.800	
Cluster	MLOS		16	2.70	06:00	E	28.967	18.042	46.775	47.008	43.958	1872.325	5481.800	
Anomaly	MLOS		16	0.80	04:55	E	29.633	17.375	46.775	47.008	43.958	1872.325	5481.800	
Cluster	MLOS		26	4.10	03:30	E	33.442	13.567	46.775	47.008	43.958	1872.325	5481.800	
Cluster	MLOS		18	2.10	09:00	E	31.767	13.150	43.958	44.917	50.808	1963.292	5392.925	
Anomaly	MLOS		20	2.00	09:25	E	32.183	12 733	43.958	44.917	50.808	1963.292	5392.925	
Anomaly	MLOS		18	1.10	01:40	E	19.775	26.733	50.808	46.508	33.725	2059.017	5295.608	
Anomaly	MLOS		18	0.60	07:15	E	26.842	19.667	50.808	46.508	33.725	2059.017	5295.608	
Cluster	MLOS		11	1.70	04:50	E	38.308	8.200	50.808	46.508	33.725	2059.017	5295.608	
Cluster	MLOS		19	2.80	06:45	E	38.408	8.100	50 808	46.508	33.725	2059.017	5295.608	
Anomaly	MLOS		18	1 10	06:10	E	27.975	5.750	46.508	33.725	45.050	2105.525	5261.883	
Anomaly	MLOS		21	1.00	05:20	E	28.217	5.508	46.508	33.725	45.050	2105.525	5261.883	
Cluster	MLOS		20	2.20	06:00	E	23.508	21.542	33.725	45.050	42.875	2139.250	5216.833	
Anomaly	MLOS		15	1.30	05:50	E	38.842	6.208	33.725	45.050	42.875	2139.250	5216.833	
Anomaly	MLOS		16	0.70	06:10	E	44.408	0.642	33.725	45.050	42.875	2139.250	5216.833	
Anomaly	MLOS		19	1.30	05:40	E	4.208	38.667	45.050	42.875	45.725	2184.300	5173.958	
Anomaly	MLOS		16	0.70	06:00	E	10.192	32.683	45.050	42.875	45.725	2184.300	5173.958	
Anomaly	MLOS		15	2.10	03:45	E	12.217	30.658	45.050	42.875	45.725	2184.300	5173.958	
Anomaly	MLOS		16	0.90	12:10	E	13.492	29.383	45.050	42.875	45.725	2184.300	5173.958	

EMPCO-ARKGOV006793

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Cluster	MLOS	(b) (7)(F)	40	1.80	07:35	E	35.583	13.325	45.683	48.908	46.092	2365.575	4986.650	
Anomaly	MLOS		16	0.70	07:20	E	22 958	23.133	48.908	46.092	50.008	2414.483	4940.558	
Anomaly	MLOS		19	1.10	10.50	E	22.750	27.000	33.100	49.750	45.467	2688.358	4663.025	
Anomaly	MLOS		19	3.00	03.00	E	22.483	25.192	47.367	47.675	42.842	2930.867	4422.592	
Cluster	MLOS		16	2 00	05:10	E	19.767	26.933	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		18	1 10	06:15	E	23.433	23.267	47.775	46.700	46.058	3168.925	4185.508	
Cluster	MLOS		24	1 10	05:55	E	26.217	20.483	47.775	46.700	46.058	3168.925	4185.508	
Cluster	MLOS		19	2.60	06:15	E	26.775	19.925	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		16	0.70	05:35	E	27.017	19.683	47 775	46.700	46.058	3168.925	4185.508	
Cluster	MLOS		17	1 80	05:00	E	27.433	19.267	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		18	0.80	07:05	E	28.250	18.450	47 775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		19	0.90	04:55	E	28.317	18.383	47 775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		15	1.60	07:15	E	28.933	17 767	47 775	46.700	46.058	3168.925	4185.508	
Cluster	MLOS		20	3.90	06:25	E	29.658	17.042	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		16	1.50	06:35	E	33.242	13.458	47.775	46.700	46 058	3168.925	4185.508	
Anomaly	MLOS		23	1 20	05:20	E	33 742	12.958	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		16	0.80	06:00	E	36.550	10.150	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		15	1.20	06:00	E	42.633	4.067	47.775	46.700	46 058	3168.925	4185.508	
Anomaly	MLOS		17	1 10	05:40	E	44.558	2.142	47.775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		20	1.40	06:25	E	45.433	1.267	47 775	46.700	46.058	3168.925	4185.508	
Anomaly	MLOS		18	0.90	06:05	E	25.933	20 133	46.058	46.067	52 875	3261.683	4093.383	
Anomaly	MLOS		20	0 90	11:20	E	1 342	44.825	46.200	46 167	44.458	3847.675	3507.292	
NCA	NCA			0.00	12:05	I	20.733	26.658	49.200	47.392	42.875	4083.458	3270.283	Mill Anomaly
NCA	NCA			0.00	01:50	I	42.867	8.483	51.817	51.350	49.750	5873.917	1475.867	Long Seam Anomaly
Cluster	MLOS		16	1 20	05:15	E	31.133	18.617	51.350	49 750	51.467	5925.267	1426.117	
Cluster	MLOS		30	4.70	12:00	E	33.600	16.150	51.350	49.750	51.467	5925.267	1426.117	
Anomaly	MLOS		16	2.20	11:35	E	34.242	15.508	51.350	49.750	51.467	5925.267	1426.117	
Anomaly	MLOS		24	0.90	05:35	E	32.967	16.992	51.467	49.958	50.567	6026.483	1324 692	
Marker	AGM						10.642	35.783				7390.492	5878.017	AGM 2814+50 B.M. A053.30 (INS)
Anomaly	MLOS		17	0.80	01:20	E	39.342	7.267	40.100	46.608	41.558	75.883	5791.308	
NCA	NCA			0.00	12:00	I	9.083	39.317	33.075	48.400	47.908	248.717	5616.683	Long Seam Anomaly
Anomaly	MLOS		22	1.10	05:55	E	31.883	17.075	47.292	48.958	50.858	675.075	5189.767	
Anomaly	MLOS		17	0 80	05:40	E	32.525	16.433	47.292	48.958	50.858	675.075	5189 767	

EMPCO-ARKGOV006794

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0 90	06:25	E	4.208	46.650	48.958	50.858	44.825	724.033	5138.908	
Anomaly	MLOS		23	1.10	01:20	E	6.550	39.183	48.883	45.733	46.133	1593.042	4275.025	
NCA	NCA			0 00	02:00	I	19.492	26.642	45 733	46.133	43.375	1638.775	4228.892	Mill Anomaly
NCA	NCA			0.00	02:05	I	19.533	26.600	45.733	46.133	43 375	1638.775	4228.892	Long Seam Anomaly
NCA	NCA			0.00	02:10	I	21.417	24.717	45.733	46.133	43.375	1638.775	4228.892	Long Seam Anomaly
Cluster	MLOS		17	1.40	11:20	E	30.108	13.267	46.133	43.375	48.100	1684.908	4185.517	
NCA	NCA			0.00	08.10	I	1.408	49 333	45.050	50.742	45 533	2515.033	3348.025	Excess Metal
Anomaly	MLOS		20	1 20	08:20	I	1.525	49.217	45.050	50.742	45.533	2515.033	3348.025	Possible Non-Corrosion Anomaly
Cluster	MLOS		15	1.00	07:00	I	2.608	48.133	45.050	50.742	45.533	2515.033	3348.025	
Anomaly	MLOS		15	0.60	04:15	I	4.742	46.000	45.050	50 742	45.533	2515.033	3348.025	
NCA	NCA			0.00	08:25	I	8.567	42.175	45.050	50.742	45.533	2515.033	3348 025	Mill Anomaly
Anomaly	MLOS		17	1.30	08:35	I	8.750	41.992	45.050	50.742	45.533	2515.033	3348.025	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.90	02:15	E	41.492	7.492	44.158	48.983	45.683	2925.000	2939.817	
NCA	NCA			0.00	09:30	E	2.567	46.467	48.075	49 033	34.542	3162.600	2702.167	Metal In Close Proximity
Anomaly	MLOS		16	0.70	06:10	I	41.150	5.092	50.700	46.242	50.058	3385.142	2482.417	
Anomaly	MLOS		19	1.00	06:05	I	0.708	47.600	50.058	48.308	50.217	3481.442	2384.050	
NCA	NCA			0.00	11:50	E	22.925	27.292	48.308	50.217	49.883	3529.750	2333.833	Metal In Close Proximity
NCA	NCA			0.00	08:45	I	17.942	32.192	49.883	50.133	49.492	3629.850	2233.817	Mill Anomaly
NCA	NCA			0.00	11:45	I	16.058	30.800	45.708	46.858	45.942	5003.842	863.100	Mill Anomaly
NCA	NCA			0.00	12:00	I	16.283	30.575	45.708	46.858	45.942	5003.842	863.100	Mill Anomaly
NCA	NCA			0.00	05:45	E	13.350	32.867	48.592	46.217	45.267	5850.642	16.942	Metal In Close Proximity
NCA	NCA			0.00	11:50	E	36.708	9.508	48.592	46.217	45.267	5850.642	16.942	Metal In Close Proximity
Marker	AGM						16.942	28.325				5896.858	7801.625	AGM 2755+23 B.M. A052.18
NCA	NCA			0.00	08:00	I	30.575	20.542	45.267	51.117	46 133	28.325	7750.508	Mill Anomaly
Cluster	MLOS		23	1.00	07:25	E	32.167	18.950	45.267	51.117	46 133	28.325	7750.508	
Anomaly	MLOS		17	0.50	06:10	E	41.275	4.458	48.367	45.733	50.825	513.383	7270.833	
NCA	NCA			0.00	12:30	E	22.517	22.433	47.875	44.950	49.183	756.225	7028.775	Metal In Close Proximity
NCA	NCA			0.00	10:00	E	34.975	9.975	47.875	44.950	49.183	756.225	7028.775	Metal In Close Proximity
Anomaly	MLOS		15	0.90	10:45	I	21.558	28.967	50.942	50.525	44 167	901.300	6878.125	
NCA	NCA			0.00	11:15	I	21.558	28.967	50.942	50.525	44.167	901.300	6878.125	Mill Anomaly
Anomaly	MLOS		15	1 00	10:50	I	21.958	28.567	50.942	50.525	44.167	901.300	6878.125	
Cluster	MLOS		16	2.60	11:05	I	22.233	28.292	50.942	50.525	44.167	901.300	6878.125	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	12:35	I	22.633	27.892	50.942	50.525	44.167	901.300	6878.125	Mill Anomaly

EMPCO-ARKGOV006795

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	12:15	I	22.658	27.867	50.942	50.525	44.167	901.300	6878 125	Mill Anomaly
NCA	NCA			0.00	12:55	E	46.750	3.258	51.525	50.008	45.933	1998.075	5781.867	Metal In Close Proximity
Anomaly	MLOS		15	0.80	06:50	E	50.308	0.800	50.683	51.108	51.508	2245.375	5533.467	
NCA	NCA			0.00	07:45	I	3.358	44.783	50.758	48 142	50.808	2500.167	5281.642	Mill Anomaly
NCA	NCA			0 00	08:05	I	3.575	44.567	50.758	48.142	50 808	2500.167	5281.642	Mill Anomaly
NCA	NCA			0.00	08:30	I	3.708	44.433	50.758	48.142	50 808	2500.167	5281.642	Mill Anomaly
NCA	NCA			0.00	08:55	I	33 392	14.750	50.758	48.142	50.808	2500.167	5281.642	Mill Anomaly
Anomaly	MLOS		18	0.30	10:05	I	46 492	1.883	47.133	48.375	50.750	3025.867	4755.708	
Cluster	MLOS		15	8.00	05.35	E	48 417	1.200	49.600	49.617	50.392	4490.175	3290.158	
Anomaly	MLOS		21	0.60	11:10	E	42.092	8.342	35.025	50.433	49.600	4851.733	2927.783	
Anomaly	MLOS		15	0 60	07:45	E	6.642	40.892	49.600	47.533	47.942	4951.767	2830.650	
Anomaly	MLOS		15	0.70	06:35	E	33.892	14.050	47.533	47.942	49.050	4999.300	2782.708	
NCA	NCA			0.00	11:15	E	9.308	40.692	47.492	50.000	50.583	5679.108	2100.842	Mill Anomaly
NCA	NCA			0.00	07:40	I	27.292	7.583	48.233	34.875	42.058	6111.242	1683.833	Mill Anomaly
Cluster	MLOS		15	3.50	05:50	E	23 283	27.308	44.025	50.592	46 117	6616.275	1163.083	
Anomaly	MLOS		15	2.30	11:10	E	36.525	10.925	46.242	47.450	44.933	7233.150	549.350	
Marker	AGM						14.458	23.992				7815.492	6010.900	AGM 2676+91 B.M. A050.70
NCA	NCA			0.00	11:35	E	15.875	22.575	50.942	38.450	49.175	-14.458	6010.900	Metal In Close Proximity
Cluster	MLOS		42	1.20	06:10	E	27.400	11.050	50.942	38.450	49.175	-14.458	6010.900	
Anomaly	MLOS		17	0 70	08:00	E	27.458	10.992	50.942	38.450	49.175	-14.458	6010.900	
Anomaly	MLOS		18	0.60	06:10	E	29.900	8.550	50.942	38.450	49.175	-14.458	6010.900	
Cluster	MLOS		32	1.00	05:40	E	30 983	7.467	50.942	38.450	49 175	-14.458	6010.900	
NCA	NCA			0.00	03:05	E	31.292	7.158	50.942	38.450	49.175	-14.458	6010.900	Metal In Close Proximity
NCA	NCA			0 00	05:40	E	1.800	47 375	38.450	49.175	44.833	23.992	5961.725	Metal In Close Proximity
NCA	NCA			0.00	06:10	E	10.825	38.350	38.450	49 175	44.833	23.992	5961.725	Metal In Close Proximity
NCA	NCA			0.00	05:45	E	22.167	27.008	38 450	49.175	44.833	23.992	5961.725	Metal In Close Proximity
Anomaly	MLOS		18	0.80	07:10	E	22.817	26 358	38.450	49.175	44.833	23 992	5961.725	
Anomaly	MLOS		19	0.70	06:10	E	23.817	25 358	38.450	49.175	44.833	23.992	5961.725	
NCA	NCA			0.00	05:40	E	32.550	16.625	38.450	49.175	44.833	23.992	5961.725	Metal In Close Proximity
Anomaly	MLOS		26	0.60	05:50	E	37.192	11.983	38.450	49.175	44.833	23 992	5961.725	
Anomaly	MLOS		18	0.80	07:00	E	37.608	11.567	38.450	49.175	44.833	23.992	5961.725	
Cluster	MLOS		33	2.30	07:30	E	38.808	10.367	38.450	49 175	44.833	23.992	5961.725	
Anomaly	MLOS		25	0.60	06:20	E	39.450	9.725	38 450	49.175	44.833	23.992	5961.725	

EMPCO-ARKGOV006796

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	52	0.90	06:10	E	39.650	9.525	38.450	49.175	44.833	23.992	5961.725	
Anomaly	MLOS		16	0.70	06:15	E	39.825	9.350	38.450	49.175	44.833	23.992	5961.725	
Anomaly	MLOS		23	0.50	06:10	E	40.900	8.275	38.450	49 175	44.833	23.992	5961.725	
Anomaly	MLOS		24	0.80	06:00	E	41.083	8.092	38.450	49.175	44.833	23.992	5961.725	
Anomaly	MLOS		24	1 10	05:50	E	41.892	7.283	38.450	49.175	44.833	23.992	5961.725	
Anomaly	MLOS		28	0.80	06:45	E	42.300	6.875	38.450	49.175	44.833	23.992	5961.725	
Cluster	MLOS		21	1.50	07:00	E	44.350	4.825	38.450	49.175	44.833	23.992	5961.725	
Cluster	MLOS		22	2.10	06:25	E	44.500	4.675	38.450	49.175	44.833	23.992	5961.725	
NCA	NCA			0.00	11:05	E	1.792	43.042	49.175	44.833	50.883	73.167	5916 892	Metal In Close Proximity
NCA	NCA			0.00	11:45	E	7.750	37.083	49.175	44.833	50.883	73 167	5916.892	Metal In Close Proximity
Cluster	MLOS		17	3.10	11:45	I	20.508	31.225	52.108	51.733	38.842	842.058	5141.100	
Anomaly	MLOS		22	1.30	01:20	E	51.550	0.183	52.108	51.733	38 842	842.058	5141.100	
Anomaly	MLOS		18	0.80	05:10	E	23.900	14.942	51.733	38.842	49.592	893.792	5102.258	
NCA	NCA			0.00	06:15	I	30.292	20.167	43.242	50.458	50.117	1025.467	4958.967	Excess Metal Begin Area of
NCA	NCA			0.00	09:55	I	47.250	3.208	43.242	50.458	50.117	1025.467	4958.967	Excess Metal End Area of
NCA	NCA			0.00	03:20	I	31.217	18.900	50.458	50.117	50.683	1075.925	4908.850	Excess Metal Begin Area of
NCA	NCA			0.00	08:25	I	43.667	6.450	50.458	50.117	50 683	1075.925	4908.850	Excess Metal End Area of
NCA	NCA			0.00	07:20	I	40.142	10.583	48.833	50.725	49.667	1225.558	4758.608	Excess Metal Begin Area of
NCA	NCA			0.00	10:00	I	44.358	6.367	48.833	50.725	49.667	1225.558	4758.608	Excess Metal End Area of
Anomaly	MLOS		24	0.90	07:20	E	44.408	4.175	49.683	48.583	50.317	1471.275	4515.033	
Cluster	MLOS		18	1.40	12:00	I	13 317	33.458	40.108	46.775	49.292	2034.942	3953.175	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.80	05:10	E	11 325	34.883	48.658	46 208	46.600	2314.367	3674.317	
Anomaly	MLOS		23	0.60	05:00	E	21.900	24.308	48.658	46.208	46.600	2314.367	3674 317	
Anomaly	MLOS		18	1.10	06:35	E	27.542	18.667	48.658	46.208	46.600	2314.367	3674 317	
Anomaly	MLOS		17	0.80	05:40	E	0.875	45.725	46.208	46.600	49.367	2360.575	3627.717	
Anomaly	MLOS		18	1.00	07:45	E	23.008	23.875	46.433	46.883	45.650	2593.258	3394.750	
Cluster	MLOS		18	2.10	07:50	E	45.792	1.092	46.433	46.883	45.650	2593.258	3394.750	
Anomaly	MLOS		21	1.10	08:10	E	22.742	22.908	46.883	45.650	46.200	2640.142	3349.100	
Anomaly	MLOS		30	1.10	03:50	E	38.800	6.850	46.883	45.650	46.200	2640.142	3349.100	
Cluster	MLOS		15	2.40	08:20	E	8.233	37.967	45.650	46.200	48.050	2685.792	3302.900	
Anomaly	MLOS		19	0.50	04:45	E	25.467	20.733	45.650	46.200	48.050	2685.792	3302.900	
Anomaly	MLOS		16	0.60	04:00	E	26.783	19.417	45.650	46.200	48.050	2685.792	3302.900	
Anomaly	MLOS		19	0.80	06:10	I	41.100	6.950	46.200	48.050	46.558	2731.992	3254.850	

EMPCO-ARKGOV006797

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.50	06:40	E	44.050	2.508	48.050	46.558	51.442	2780.042	3208.292	
Anomaly	MLOS		17	0.80	06:35	E	44.425	2.133	48.050	46 558	51.442	2780.042	3208.292	
Anomaly	MLOS		17	0 90	06:30	E	44.800	1.758	48.050	46.558	51.442	2780.042	3208.292	
Anomaly	MLOS		24	1.30	04:35	E	45.367	1.192	48.050	46 558	51.442	2780.042	3208.292	
Anomaly	MLOS		18	1.50	05:30	E	45.442	1.117	48.050	46.558	51.442	2780.042	3208.292	
Anomaly	MLOS		17	0.80	05:55	E	6.900	44.542	46.558	51.442	51.800	2826.600	3156.850	
Anomaly	MLOS		16	1.00	05:55	E	20 925	30.517	46.558	51.442	51.800	2826.600	3156.850	
Anomaly	MLOS		15	0.70	08:35	E	27.142	24.300	46.558	51.442	51.800	2826.600	3156.850	
Anomaly	MLOS		15	0.50	05:15	E	30.717	16.100	51.800	46.817	49.208	2929.842	3058.233	
Anomaly	MLOS		22	1.20	01:35	E	44 233	2.583	51.800	46.817	49.208	2929.842	3058.233	
Anomaly	MLOS		16	0 90	05:55	E	28 000	21.208	46.817	49.208	48.117	2976.658	3009.025	
Anomaly	MLOS		17	0.60	06:05	E	28 300	20.908	46.817	49.208	48.117	2976.658	3009 025	
Anomaly	MLOS		15	0.90	06:35	E	30.000	19.208	46.817	49.208	48.117	2976.658	3009 025	
NCA	NCA			0 00	10:30	I	6.692	41.425	49.208	48.117	46.942	3025.867	2960.908	Mill Anomaly
Anomaly	MLOS		20	0.80	06:30	E	20.517	26.425	48.117	46.942	50.117	3073.983	2913.967	
Anomaly	MLOS		15	0.80	06:30	E	8.233	36.767	50 117	45.000	47.825	3171.042	2818.850	
Anomaly	MLOS		15	0.70	05:35	E	1.367	43.692	47 258	45.058	47.192	3311.125	2678.708	
Anomaly	MLOS		15	0.70	07:25	E	39.550	5.425	45.575	44.975	46 992	3789.842	2200.075	
Anomaly	MLOS		16	0.30	04:40	I	27.300	18.658	50.192	45.958	49.942	4167.875	1821.058	
Anomaly	MLOS		18	1.20	06:40	E	11.683	36.258	48 800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		17	1.20	06:50	E	27.633	20.308	48.800	47.942	45 642	4403.275	1583.675	
Anomaly	MLOS		27	1.10	05:10	E	27.850	20.092	48.800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		15	1.10	06:45	E	27.875	20.067	48.800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		22	0.80	06:50	E	28.717	19.225	48 800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		16	0.70	05:05	E	28 767	19.175	48.800	47 942	45.642	4403.275	1583.675	
Anomaly	MLOS		16	1.20	07:00	E	29.333	18.608	48.800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		22	1.20	07:00	E	29.617	18 325	48.800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		19	0.90	05:00	E	42.067	5.875	48.800	47.942	45.642	4403.275	1583.675	
Anomaly	MLOS		15	1.20	06:55	E	12.600	33.042	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		15	1.40	05:10	E	13.308	32 333	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		16	0.90	06:55	E	13.467	32 175	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		17	0.90	06:40	E	14.225	31.417	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		15	0.50	06:10	E	14.475	31.167	47.942	45 642	44.000	4451.217	1538.033	

EMPCO-ARKGOV006798

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	25	2.90	06.10	E	15.017	30.625	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		17	1.00	06:10	E	15.725	29.917	47.942	45.642	44.000	4451.217	1538 033	
Anomaly	MLOS		19	0.80	04.45	E	15.958	29.683	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		16	1.00	04:40	E	16.392	29.250	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		17	1.20	05.10	E	25.192	20.450	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		17	0.70	12:40	E	26.592	19.050	47.942	45.642	44.000	4451.217	1538.033	
Anomaly	MLOS		26	1.30	06:40	E	26.792	18.850	47.942	45.642	44 000	4451.217	1538.033	
NCA	NCA			0.00	06:40	I	31.850	17.492	47.758	49.342	46.083	5431.850	553.700	Mill Anomaly
Anomaly	MLOS		15	0.60	09:15	E	0.567	49.683	50.592	50.250	50.175	5946.375	38.267	
Anomaly	MLOS		19	0.90	09:15	E	28.792	21 383	50.250	50.175	49.750	5996.625	-11.908	
Marker	AGM						38.267	11.908				5996.625	4758.167	AGM 2626+50 B.M. A049.55 (INS)
Anomaly	MLOS		18	0.90	06:25	E	30.725	14.908	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		21	1.00	05:50	E	31.142	14.492	46.133	45.633	45.250	210.025	4514.417	
Cluster	MLOS		16	2.30	07:00	E	31.167	14.467	46.133	45.633	45.250	210.025	4514.417	
Cluster	MLOS		16	2.70	06:30	E	31.625	14.008	46.133	45.633	45.250	210.025	4514.417	
Cluster	MLOS		17	2.30	06:20	E	33.958	11.675	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		15	0.70	06:25	E	37.542	8.092	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		18	0.40	06:25	E	37.858	7.775	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		15	0.50	06:25	E	37.983	7.650	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		15	0.80	05:40	E	39.050	6.583	46.133	45.633	45 250	210.025	4514.417	
Cluster	MLOS		22	2.60	06:45	E	40.775	4.858	46.133	45.633	45.250	210.025	4514.417	
Cluster	MLOS		15	0.90	05:20	E	42.792	2.842	46.133	45 633	45.250	210.025	4514.417	
Anomaly	MLOS		16	1.00	05:45	E	43.092	2.542	46.133	45.633	45.250	210.025	4514.417	
Anomaly	MLOS		17	0.80	06:00	E	35.558	15.292	50.300	50.850	45.167	726.492	3992.733	
Cluster	MLOS		17	1.90	06:25	E	35.975	14.875	50.300	50.850	45.167	726.492	3992.733	
Anomaly	MLOS		17	0.50	05:30	E	20.375	26.717	45.167	47.092	49.683	822.508	3900.475	
Anomaly	MLOS		16	1.00	05:50	E	29.625	17.467	45.167	47.092	49.683	822.508	3900.475	
Anomaly	MLOS		15	0.80	05:50	E	20.383	28.867	49.683	49.250	50.100	919.283	3801.542	
Anomaly	MLOS		15	0.90	05:20	E	33.017	16.233	49.683	49.250	50.100	919.283	3801.542	
Cluster	MLOS		16	1.60	05:30	E	33 883	15.367	49.683	49.250	50.100	919.283	3801.542	
Cluster	MLOS		15	1.60	06:05	E	34.300	14.950	49.683	49.250	50.100	919.283	3801.542	
Anomaly	MLOS		17	0.70	05:35	E	34.858	14 392	49.683	49.250	50.100	919.283	3801.542	
Anomaly	MLOS		22	0.90	04:15	I	2.750	43.492	45.633	46.242	50.133	1160.467	3563.367	

EMPCO-ARKGOV006799

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.70	06:25	E	15.742	34.392	46.242	50.133	47.308	1206.708	3513.233	
Anomaly	MLOS		19	0.50	06:15	E	19.933	30.200	46.242	50.133	47.308	1206.708	3513.233	
Anomaly	MLOS		18	0.70	06:10	E	22.442	27.692	46.242	50.133	47.308	1206.708	3513.233	
NCA	NCA			0.00	05:35	I	46.533	0.708	43.875	47.242	45.258	1442.492	3280.342	Mill Anomaly
NCA	NCA			0.00	12:00	I	30.583	19.117	45.258	49.700	46.367	1534.992	3185 383	Excess Metal Begin Area of
NCA	NCA			0.00	12:00	I	40.100	9.600	45.258	49 700	46.367	1534.992	3185 383	Excess Metal End Area of
NCA	NCA			0.00	02:45	E	7.150	36.358	43.167	43 508	51.183	1861.108	2865.458	Metal In Close Proximity
NCA	NCA			0.00	09:20	E	48.175	1.483	47 600	49 658	51.525	2411.125	2309.292	Metal In Close Proximity
Anomaly	MLOS		18	0.50	06:15	E	4 242	43.425	47.333	47.667	47.525	2559.642	2162.767	
Cluster	MLOS		17	2.90	05:35	E	4.392	43.275	47.333	47.667	47 525	2559.642	2162.767	
Anomaly	MLOS		28	1.50	06:50	E	18.867	28.800	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		15	1.10	05:05	E	20.075	27.592	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		16	1.20	06:40	E	20.142	27.525	47.333	47.667	47 525	2559.642	2162.767	
Cluster	MLOS		16	1.70	06:20	E	21.217	26 450	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		17	1.10	05:10	E	21.292	26.375	47 333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		21	1.90	04:55	E	21.642	26.025	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		20	1.20	05:15	E	23.808	23 858	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		24	1.10	05:40	E	25.808	21.858	47 333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		15	1.70	06:20	E	33.475	14.192	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		17	1 10	07:00	E	38.383	9.283	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		18	1.70	05:00	E	41.775	5.892	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		16	1.40	06:25	E	46.275	1.392	47.333	47.667	47 525	2559.642	2162.767	
Anomaly	MLOS		15	1.00	05:50	E	46.542	1.125	47.333	47.667	47.525	2559.642	2162.767	
Anomaly	MLOS		16	1.10	06:10	E	2.575	44.950	47.667	47.525	48.425	2607.308	2115.242	
Anomaly	MLOS		16	1.70	06:50	E	23.808	27.592	49.500	51.400	45.400	2752.758	1965.917	
Cluster	MLOS		23	1.90	06:50	E	24.392	27.008	49.500	51.400	45.400	2752.758	1965.917	
Cluster	MLOS		20	2.70	04:55	E	26 317	25.083	49.500	51.400	45.400	2752.758	1965.917	
Anomaly	MLOS		16	1.80	07:05	E	26.983	24.417	49.500	51.400	45.400	2752.758	1965 917	
Anomaly	MLOS		23	1.10	06:25	E	31.183	14.217	51.400	45.400	46.592	2804.158	1920.517	
Anomaly	MLOS		16	1.00	06:30	E	31.767	13.633	51.400	45.400	46.592	2804.158	1920.517	
Anomaly	MLOS		15	1.20	05:15	E	32.850	12.550	51.400	45.400	46.592	2804.158	1920.517	
Anomaly	MLOS		20	0.90	06:30	E	32.967	12.433	51.400	45.400	46.592	2804.158	1920.517	
Anomaly	MLOS		18	0 70	05:00	E	34.225	11.175	51.400	45.400	46 592	2804.158	1920.517	

EMPCO-ARKGOV006800

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	20	0.80	04:45	E	34.575	10.825	51.400	45.400	46.592	2804.158	1920 517	
Anomaly	MLOS		24	1.00	06:50	E	10.392	40.342	48.708	50.733	46.233	2994.175	1725.167	
Anomaly	MLOS		16	2.70	02:50	E	10.642	40.092	48.708	50.733	46.233	2994.175	1725.167	
Anomaly	MLOS		23	0 90	04:15	E	40.717	10.017	48.708	50.733	46 233	2994.175	1725.167	
Anomaly	MLOS		23	1.60	03:45	E	42.342	8.392	48.708	50 733	46.233	2994.175	1725.167	
Anomaly	MLOS		20	1.50	04:25	E	10.200	36 033	50.733	46.233	50.125	3044.908	1678.933	
Anomaly	MLOS		16	1.40	03:15	E	11.775	34.458	50.733	46.233	50.125	3044.908	1678.933	
Anomaly	MLOS		18	1.10	04:00	E	12.592	33.642	50.733	46.233	50.125	3044.908	1678.933	
Anomaly	MLOS		22	1.20	03:00	E	12.675	33.558	50.733	46.233	50.125	3044.908	1678.933	
Anomaly	MLOS		28	1 70	04:15	E	14.225	32.008	50.733	46.233	50.125	3044.908	1678 933	
Anomaly	MLOS		21	1.40	04:00	E	15.342	30.892	50.733	46.233	50.125	3044.908	1678.933	
Cluster	MLOS		16	1.60	05:10	E	19.742	26.492	50.733	46 233	50.125	3044.908	1678.933	
Anomaly	MLOS		15	0.70	05:00	E	19.975	26.258	50.733	46 233	50.125	3044.908	1678.933	
Anomaly	MLOS		23	0.80	06:40	E	43.050	6.158	46.858	49.208	46.308	3235.367	1485.500	
Anomaly	MLOS		29	0.50	12:30	E	48.450	0.758	46.858	49.208	46.308	3235.367	1485.500	
Anomaly	MLOS		16	0.60	05:35	E	29.125	17.183	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		15	0.60	07:00	E	32.108	14.200	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		17	0.90	06:40	E	33.350	12.958	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		22	1.80	05:15	E	36.775	9.533	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		22	0.80	05:40	E	38.392	7.917	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		24	1.10	06:10	E	43.200	3.108	49.208	46.308	44.742	3284.575	1439.192	
Anomaly	MLOS		15	1.10	05:50	E	44.208	2.100	49.208	46.308	44 742	3284.575	1439.192	
Anomaly	MLOS		15	1.10	05:55	E	1.758	42.983	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		15	0.40	02:00	I	3.808	40.933	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		19	1.20	06:20	E	9.275	35.467	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		15	1.20	05:10	E	10.433	34.308	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		22	1.60	05:00	E	12.208	32.533	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		34	1.20	05:20	E	20 767	23.975	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		20	1.30	10:25	E	23 167	21.575	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		15	0 80	09:35	E	23.508	21.233	46.308	44.742	47.567	3330.883	1394.450	
Cluster	MLOS		20	2.50	10:10	E	23.550	21.192	46.308	44.742	47.567	3330.883	1394 450	
Anomaly	MLOS		19	1.90	10:10	E	24.367	20.375	46.308	44.742	47.567	3330.883	1394 450	
Cluster	MLOS		23	2.00	10:00	E	24.717	20 025	46.308	44.742	47.567	3330.883	1394 450	

EMPCO-ARKGOV006801

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Cluster	MLOS	(b) (7)(F)	21	1.00	10:25	E	25.600	19.142	46.308	44.742	47.567	3330.883	1394.450	
Cluster	MLOS		19	2.40	10:10	E	26.758	17.983	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		24	1.10	09:40	E	28.017	16.725	46.308	44.742	47.567	3330.883	1394.450	
Cluster	MLOS		19	2.00	02:25	E	32.375	12.367	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		16	1.40	01.50	E	33.517	11.225	46.308	44 742	47.567	3330.883	1394.450	
Anomaly	MLOS		17	1.20	09:50	E	35.625	9.117	46.308	44.742	47.567	3330.883	1394.450	
Cluster	MLOS		23	2.90	03:20	E	35.775	8.967	46 308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		19	1.10	02:15	E	37.117	7.625	46 308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		23	1.20	11:25	E	39.917	4.825	46 308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		15	1.30	01:00	E	42.167	2.575	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		15	1.80	02:10	E	43.142	1.600	46.308	44.742	47.567	3330.883	1394.450	
Anomaly	MLOS		22	0.70	03:15	E	44.600	0.142	46.308	44.742	47.567	3330.883	1394 450	
Anomaly	MLOS		15	1.90	06:00	E	44.625	0.117	46.308	44.742	47.567	3330.883	1394 450	
Cluster	MLOS		27	3.30	02:10	E	44.625	0.117	46.308	44.742	47.567	3330.883	1394.450	Girth Weld Zone
Anomaly	MLOS		19	1.60	10:45	E	3.392	44.175	44 742	47.567	48.367	3375.625	1346.883	
Cluster	MLOS		16	3.70	12:55	E	4.783	42.783	44.742	47.567	48 367	3375.625	1346.883	
Anomaly	MLOS		23	1.40	11:20	E	5.475	42 092	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		19	1 40	06:45	E	5.992	41.575	44.742	47 567	48.367	3375.625	1346.883	
Anomaly	MLOS		15	1.50	06:10	E	11.425	36.142	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		21	1.90	10:40	E	11.583	35.983	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		20	1.10	11:05	E	17.425	30.142	44.742	47 567	48.367	3375.625	1346 883	
Anomaly	MLOS		22	0.80	05:10	E	27.242	20.325	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		18	1.70	05:15	E	27.442	20.125	44 742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		17	1 90	05:30	E	29.108	18.458	44.742	47 567	48.367	3375.625	1346.883	
Anomaly	MLOS		15	1 40	06:20	E	30 200	17.367	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		15	1.70	05:50	E	31.825	15.742	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		17	1.40	06:40	E	32.500	15 067	44.742	47.567	48 367	3375.625	1346.883	
Anomaly	MLOS		23	1 70	07:00	E	35.550	12.017	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		18	1.10	05:10	E	36.875	10.692	44 742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		23	1.10	07:05	E	37.392	10.175	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		17	0.70	04:55	E	37.575	9.992	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		24	1.10	05:05	E	41.325	6.242	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		19	1.30	05:45	E	41.758	5.808	44.742	47.567	48.367	3375.625	1346.883	

EMPCO-ARKGOV006802

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	1.20	05:35	E	42.092	5.475	44.742	47.567	48.367	3375.625	1346.883	
Anomaly	MLOS		18	0.80	06:25	E	7.458	40.908	47.567	48.367	48 550	3423.192	1298.517	
Anomaly	MLOS		16	1.50	06:25	E	8.375	39.992	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		18	0.80	05:10	E	8.458	39.908	47.567	48 367	48.550	3423.192	1298.517	
Anomaly	MLOS		15	0 70	05:15	E	15 783	32.583	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		23	1.10	06:25	E	18.975	29.392	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		15	1.20	04:40	E	27.333	21.033	47.567	48 367	48.550	3423.192	1298 517	
Anomaly	MLOS		16	0.80	05:00	E	27.517	20.850	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		18	0.90	05:20	E	27.925	20.442	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		18	0.70	05.00	E	28.158	20.208	47 567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		24	1.30	05:15	E	32.258	16.108	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		15	1 40	05:40	E	32.858	15.508	47.567	48.367	48.550	3423.192	1298 517	
Anomaly	MLOS		22	1.40	05:30	E	33.392	14.975	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		20	1.70	05:30	E	34.075	14.292	47.567	48.367	48.550	3423.192	1298.517	
Anomaly	MLOS		20	1.00	06:40	E	6.917	41.633	48.367	48.550	43.958	3471.558	1249.967	
Anomaly	MLOS		17	0.80	04:55	E	23.992	24.558	48.367	48.550	43.958	3471.558	1249.967	
NCA	NCA			0.00	10:35	I	23.267	23.208	49.158	46.475	50.275	4001.850	721.750	Mill Anomaly
Cluster	MLOS		21	5 00	06:10	E	44 975	0.108	48.508	45.083	50.042	4244.975	480.017	Girth Weld Zone
Marker	AGM						25.825	23.117				4744.250	5931.358	AGM 2569+39 B.M. A048.66
NCA	NCA			0.00	10:05	I	28.250	19.117	45.925	47.367	46.742	2550.458	3356.650	Mill Anomaly
NCA	NCA			0.00	11:10	I	17.333	27.225	47.725	44.558	50.000	4034.550	1875.367	Long Seam Anomaly
Anomaly	MLOS		15	1.00	06:50	E	3.958	38.900	44.208	42.858	45.108	5618.817	292.800	
Anomaly	MLOS		18	0.90	05:30	E	6.192	36.667	44.208	42.858	45.108	5618.817	292.800	
Anomaly	MLOS		15	1.20	05:15	E	15.558	27.300	44.208	42.858	45.108	5618.817	292.800	
Anomaly	MLOS		16	0.70	05:10	E	16.242	26.617	44.208	42 858	45.108	5618.817	292.800	
NCA	NCA			0.00	11:05	E	8.383	35 825	45.317	44.208	47.917	5752.100	158.167	Metal In Close Proximity
Marker	AGM						17.617	29.242				5936.858	3932.508	AGM 2509+30 B.M. A047.52
Cluster	MLOS		17	3.10	08:55	E	20.633	26.075	48.042	46.708	48.592	636.533	3278.508	
Anomaly	MLOS		17	0.60	08:40	E	21.067	25.642	48.042	46.708	48.592	636.533	3278.508	
Anomaly	MLOS		17	0 70	06:25	E	4.908	43.683	46.708	48.592	46.200	683.242	3229.917	
Anomaly	MLOS		22	1.50	05:30	E	46.117	0.092	48.983	46.208	44.608	2158.342	1757.200	Girth Weld Zone
NCA	NCA			0.00	02:25	E	7.692	37.533	46.992	45.225	46.250	2763.467	1153.058	Metal In Close Proximity
Anomaly	MLOS		18	1.10	02:05	I	20 275	25.267	50.542	45.542	45.950	3136.092	780.117	

EMPCO-ARKGOV006803

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1 10	12:20	I	20.467	25 075	50.542	45.542	45.950	3136.092	780.117	
NCA	NCA			0 00	03:35	E	1.742	44.208	45.542	45.950	45.900	3181.633	734.167	Metal In Close Proximity
Marker	AGM						41.267	8.675				3920.483	6799.817	AGM 2469+68 B.M. A046.77 (INS)
Anomaly	MLOS		15	1.20	05:30	E	16.533	28.692	46.725	45.225	46.658	101.467	6661.800	
Anomaly	MLOS		16	0.90	04.30	E	21.583	23.642	46.725	45.225	46.658	101.467	6661.800	
Anomaly	MLOS		16	0.40	06:10	E	31.917	13.308	46.725	45.225	46.658	101.467	6661.800	
Cluster	MLOS		20	0.80	07:00	E	32.908	12.317	46.725	45.225	46.658	101.467	6661.800	
Anomaly	MLOS		16	1.00	06:45	E	33.200	12 025	46.725	45.225	46.658	101 467	6661.800	
Anomaly	MLOS		15	1 30	01:20	E	36.050	9.175	46.725	45.225	46.658	101.467	6661.800	
Anomaly	MLOS		15	1.30	01:20	E	36.700	8.525	46.725	45.225	46.658	101 467	6661.800	
Cluster	MLOS		16	2.10	06:20	E	36.733	8.492	46.725	45.225	46.658	101.467	6661.800	
Anomaly	MLOS		15	0.90	02:10	E	36.892	8.333	46.725	45 225	46.658	101.467	6661.800	
Anomaly	MLOS		22	0.80	06:25	E	38.108	7.117	46.725	45.225	46 658	101.467	6661 800	
Anomaly	MLOS		28	0.80	12:30	I	1 142	45.517	45.225	46.658	44.650	146.692	6615.142	
Anomaly	MLOS		18	0 90	06:10	E	16.525	30.133	45.225	46.658	44.650	146.692	6615.142	
Anomaly	MLOS		18	1 00	06:30	E	19.650	27.008	45 225	46.658	44.650	146.692	6615.142	
Anomaly	MLOS		16	1.40	04:55	E	21.592	25.067	45 225	46.658	44.650	146.692	6615.142	
Anomaly	MLOS		23	1.60	06:55	E	22.175	24.483	45 225	46.658	44.650	146 692	6615.142	
Cluster	MLOS		23	1.90	05:15	E	24.825	21.833	45.225	46.658	44.650	146 692	6615.142	
Anomaly	MLOS		15	0.80	01:00	E	32 158	14.500	45.225	46.658	44.650	146.692	6615 142	
Cluster	MLOS		16	2.20	06:10	E	41.925	4.733	45.225	46.658	44.650	146.692	6615.142	
Anomaly	MLOS		22	2.10	05:00	E	0.575	44.075	46 658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		16	0.70	04:35	E	1.133	43.517	46.658	44.650	43.242	193.350	6570.492	
Cluster	MLOS		39	1.90	06:20	E	1.175	43.475	46.658	44.650	43 242	193.350	6570.492	
Anomaly	MLOS		17	1 20	05:50	E	1.600	43.050	46.658	44.650	43.242	193.350	6570 492	
Cluster	MLOS		44	4.60	06:20	E	2.250	42.400	46 658	44 650	43.242	193.350	6570.492	
Anomaly	MLOS		32	1.40	06:00	E	2.633	42 017	46.658	44 650	43.242	193.350	6570.492	
Anomaly	MLOS		34	1.10	05:45	E	2.833	41.817	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		17	1.60	07:10	E	3.067	41.583	46.658	44.650	43.242	193 350	6570.492	
Anomaly	MLOS		46	1.40	05:50	E	3.092	41.558	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		34	1.70	06:00	E	3.392	41.258	46.658	44.650	43.242	193.350	6570.492	
Cluster	MLOS		30	3.00	06:30	E	3.942	40.708	46.658	44 650	43.242	193.350	6570.492	
Cluster	MLOS		20	1.70	05:25	E	4.550	40 100	46.658	44 650	43.242	193.350	6570 492	

EMPCO-ARKGOV006804

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	20	0.90	05:30	E	5.392	39.258	46.658	44.650	43 242	193.350	6570.492	
Anomaly	MLOS		28	1.40	06:20	E	5.683	38 967	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		16	0 70	06:00	E	19.058	25.592	46.658	44.650	43 242	193.350	6570.492	
Anomaly	MLOS		15	0.70	06:20	E	23.167	21.483	46 658	44.650	43.242	193 350	6570.492	
Cluster	MLOS		16	2 50	04:35	E	37.067	7.583	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		15	1.10	04:40	E	40.133	4.517	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		24	1.00	05:35	E	42.717	1.933	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		19	1.00	05:35	E	43.958	0.692	46.658	44.650	43.242	193.350	6570.492	
Anomaly	MLOS		18	1.20	05:05	E	2 758	40.483	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		15	0.70	05:00	E	3.350	39.892	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		16	1.10	05:00	E	3 600	39 642	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		22	1.20	06:40	E	6.650	36.592	44.650	43.242	45 675	238.000	6527.250	
Anomaly	MLOS		18	1.60	05:00	E	6.767	36.475	44 650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		16	1.00	05:05	E	10.617	32.625	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		17	2.00	10:25	E	15.850	27.392	44.650	43.242	45.675	238.000	6527.250	
Cluster	MLOS		18	1 70	05:20	E	16 150	27 092	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		32	1.20	05:10	E	16.717	26.525	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		24	0.70	07:55	E	17.200	26.042	44.650	43.242	45.675	238 000	6527.250	
Cluster	MLOS		18	2.80	05:15	E	17.733	25.508	44.650	43.242	45.675	238.000	6527.250	
Cluster	MLOS		17	2.20	04:35	E	20.050	23.192	44.650	43.242	45.675	238.000	6527.250	
Cluster	MLOS		19	1.60	04:35	E	25.900	17.342	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		15	1.80	04:50	E	27.783	15.458	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		16	1.20	05:15	E	33.283	9.958	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		21	0.80	04:30	E	37.617	5.625	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		17	0.90	06:40	E	38.650	4.592	44.650	43 242	45.675	238.000	6527.250	
Anomaly	MLOS		22	1.00	05:30	E	38.683	4.558	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		16	0.70	05:50	E	41.050	2.192	44.650	43.242	45.675	238.000	6527.250	
Anomaly	MLOS		17	0.80	05:40	E	7.008	38.667	43.242	45.675	46.617	281.242	6481.575	
Anomaly	MLOS		17	0.60	06:00	E	23 900	21.775	43.242	45.675	46.617	281.242	6481.575	
Anomaly	MLOS		17	0.60	02:15	I	1.000	45.617	45.675	46.617	45.333	326.917	6434.958	
Anomaly	MLOS		15	1.60	05:00	E	5.833	40.783	45.675	46.617	45.333	326.917	6434.958	
Anomaly	MLOS		16	0.60	06:20	E	6.017	40.600	45.675	46.617	45.333	326.917	6434.958	
NCA	NCA			0.00	10:00	E	6.392	40.225	45.675	46.617	45.333	326.917	6434.958	Metal In Close Proximity

EMPCO-ARKGOV006805

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Cluster	MLOS	(b) (7)(F)	15	1.80	06:20	E	6.567	40.050	45.675	46.617	45.333	326.917	6434.958	
Anomaly	MLOS		21	1.40	06:10	E	9.850	36.767	45.675	46.617	45.333	326.917	6434.958	
Anomaly	MLOS		15	1.10	04:45	E	32.950	13.667	45.675	46.617	45.333	326.917	6434.958	
Cluster	MLOS		16	1.10	05:05	E	33.767	12.850	45.675	46.617	45.333	326.917	6434.958	
Cluster	MLOS		16	2.30	05:45	E	34.008	11.325	46.617	45.333	45.742	373.533	6389 625	
Cluster	MLOS		19	1.40	05:35	E	32.342	13.400	45.333	45.742	46.450	418.867	6343.883	
Anomaly	MLOS		19	1.00	06:00	E	34.508	11.233	45.333	45.742	46.450	418.867	6343.883	
Anomaly	MLOS		21	0.80	06.10	E	39.308	6.433	45.333	45.742	46.450	418.867	6343.883	
Anomaly	MLOS		16	1 20	04:45	E	36.308	14.783	44 283	51.092	47.575	651.892	6105.508	
Anomaly	MLOS		16	0.90	06:40	E	13.567	34.008	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		16	0.70	05:30	E	18.600	28.975	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		17	1.20	06:20	E	19.067	28.508	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		20	1.10	06:10	E	20.400	27.175	51.092	47 575	46 817	702.983	6057.933	
Anomaly	MLOS		16	0 90	05:05	E	22.167	25.408	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		16	0.90	05:00	E	22.500	25.075	51.092	47.575	46.817	702 983	6057.933	
Cluster	MLOS		17	1.70	05:15	E	22.800	24.775	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		15	1.70	04:55	E	23.075	24 500	51 092	47.575	46.817	702.983	6057 933	
Anomaly	MLOS		18	1.30	05:45	E	23.633	23.942	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		28	0.90	05:10	E	23.883	23.692	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		25	1.50	05:50	E	24.367	23.208	51.092	47.575	46.817	702 983	6057.933	
Anomaly	MLOS		24	1.30	05:40	E	24.958	22.617	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		15	0.70	06:35	E	26.267	21.308	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		16	1.30	05:20	E	28.100	19.475	51.092	47.575	46.817	702.983	6057.933	
Anomaly	MLOS		25	2.50	07:35	E	27.925	15.233	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		16	1.70	07:30	E	29.692	13.467	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		24	1.30	07:40	E	32.133	11.025	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		16	0.70	06:05	E	32.492	10.667	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		26	1.00	06:50	E	33.808	9.350	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		20	0.80	06:35	E	35.000	8.158	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		17	1.60	06:55	E	35.692	7.467	49.758	43.158	47.792	1034.225	5731 108	
Anomaly	MLOS		17	1 70	05:50	E	39.525	3.633	49.758	43.158	47.792	1034.225	5731 108	
Cluster	MLOS		18	2.40	05:50	E	40.383	2.775	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		16	0.70	05:35	E	40.558	2.600	49.758	43.158	47.792	1034.225	5731.108	

EMPCO-ARKGOV006806

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.30	08:50	E	42.058	1.100	49.758	43.158	47.792	1034.225	5731.108	
Anomaly	MLOS		23	1.40	05:40	E	42.217	0.942	49.758	43.158	47.792	1034.225	5731.108	
Cluster	MLOS		35	3.60	06:20	E	42.925	0.233	49.758	43 158	47.792	1034.225	5731.108	
Anomaly	MLOS		15	1.50	05:55	E	2.067	45.725	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		16	0 50	03:30	E	4.600	43.192	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		17	1.70	05:00	E	5 200	42.592	43 158	47.792	47.475	1077.383	5683.317	
Cluster	MLOS		19	1.50	05:10	E	6.650	41.142	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	1 00	06.25	E	7.242	40.550	43.158	47.792	47.475	1077.383	5683.317	
Cluster	MLOS		15	1.80	05:20	E	7.667	40.125	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	1.40	04:35	E	8.200	39 592	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		23	1 30	05:45	E	8.325	39.467	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	1.00	06:20	E	9.633	38.158	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	1.30	06:40	E	12.700	35.092	43.158	47.792	47.475	1077.383	5683.317	
Cluster	MLOS		25	2.80	05:45	E	12.833	34.958	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		19	1.00	05:40	E	13.283	34.508	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	1.30	06:20	E	21.400	26.392	43.158	47.792	47.475	1077.383	5683.317	
Cluster	MLOS		22	2.10	05:20	E	23.817	23.975	43.158	47.792	47.475	1077.383	5683.317	
Cluster	MLOS		17	2.10	06:25	E	25.000	22.792	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		20	1.20	06:40	E	31.850	15.942	43.158	47.792	47.475	1077.383	5683.317	
Anomaly	MLOS		15	0.40	01:15	I	9.717	36.408	48.883	46.125	51.617	1459.417	5302 950	
Anomaly	MLOS		21	1.00	08:00	E	43.975	1.642	44.708	45.617	45.675	1816.608	4946.267	
Anomaly	MLOS		18	0.60	06:55	I	1.975	43.517	45.733	45.492	47.825	2172.258	4590.742	
Anomaly	MLOS		22	1.60	06:50	I	26.242	21.167	47.825	47.408	46.933	2265.575	4495.508	
Anomaly	MLOS		19	0.60	04:50	E	30.242	16.267	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		17	0.80	05:30	E	30.483	16.025	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		15	1.00	06:45	E	33.142	13 367	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		15	1.00	04:55	E	33.958	12.550	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		16	0.60	05:20	E	36.100	10.408	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		18	0.60	06:20	E	39.542	6.967	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		16	1.50	06:00	E	39.750	6.758	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		16	1.00	06:20	E	40 275	6.233	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		15	1 30	05:00	E	40.325	6.183	45.750	46.508	45.533	2766.792	3995.192	
Anomaly	MLOS		22	0.90	06:45	E	40.925	5.583	45.750	46.508	45.533	2766.792	3995.192	

EMPCO-ARKGOV006807

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	1.10	05:45	E	34.233	14.642	46.567	48.875	45.400	2951.450	3808.167	
Anomaly	MLOS		19	1.80	04:55	E	3.608	41.792	48.875	45 400	45.833	3000.325	3762.767	
Anomaly	MLOS		16	1.70	05:55	E	4.592	40.808	48.875	45 400	45.833	3000.325	3762 767	
Anomaly	MLOS		18	1.20	06:35	E	9.433	35.967	48.875	45.400	45.833	3000.325	3762.767	
Anomaly	MLOS		16	1.00	05:35	E	13.508	31.892	48.875	45.400	45.833	3000.325	3762.767	
Anomaly	MLOS		17	1.40	08:00	E	14.567	30 833	48.875	45.400	45.833	3000.325	3762.767	
Anomaly	MLOS		18	0.80	08:25	E	24.692	20 708	48.875	45.400	45.833	3000.325	3762.767	
Anomaly	MLOS		15	0.40	06:30	E	7.075	38 950	50.833	46.025	46.433	3593.042	3169.425	
Anomaly	MLOS		16	0.80	07.30	E	12.392	33 633	50.833	46.025	46.433	3593.042	3169.425	
Cluster	MLOS		35	2.00	06.20	E	31.467	14.967	46.025	46.433	47.242	3639.067	3122.992	
Cluster	MLOS		21	1.10	06.20	E	31.900	14.533	46.025	46.433	47.242	3639.067	3122.992	
Cluster	MLOS		16	2.00	06:20	E	36.683	9.750	46.025	46.433	47.242	3639.067	3122.992	
Anomaly	MLOS		16	0.90	04:50	E	31 158	14 225	47.242	45.383	46.625	3732.742	3030.367	
Anomaly	MLOS		19	1.50	04:30	E	37.175	8.208	47.242	45.383	46.625	3732.742	3030.367	
Anomaly	MLOS		16	0.70	07:20	E	38.708	6.675	47.242	45.383	46.625	3732.742	3030.367	
Anomaly	MLOS		19	1.10	06:50	E	42.408	2.975	47.242	45.383	46 625	3732.742	3030.367	
Anomaly	MLOS		15	1.00	04:00	E	22.142	24.483	45.383	46.625	50.842	3778.125	2983 742	
Anomaly	MLOS		16	1.80	06:15	E	35.758	10 867	45.383	46.625	50.842	3778.125	2983.742	
Cluster	MLOS		19	1.50	05:50	E	37.292	9.333	45.383	46.625	50.842	3778.125	2983.742	
Anomaly	MLOS		15	1.80	05:15	E	41.125	5.500	45.383	46.625	50.842	3778.125	2983.742	
Anomaly	MLOS		15	1.70	05:20	E	44.525	2.100	45.383	46.625	50 842	3778.125	2983.742	
Anomaly	MLOS		16	0.70	06:40	E	16.842	34 000	46.625	50.842	46.475	3824.750	2932 900	
Anomaly	MLOS		18	2.10	05:55	E	22.417	28 425	46.625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		24	2.10	06:40	E	32.642	18.200	46.625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		19	1.10	06:35	E	43.700	7.142	46.625	50 842	46.475	3824.750	2932.900	
Anomaly	MLOS		21	1.60	06:30	E	45.050	5.792	46 625	50.842	46 475	3824.750	2932.900	
Anomaly	MLOS		15	0.60	05:50	E	45.700	5.142	46.625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		18	0.70	06:30	E	46.233	4.608	46.625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		18	0.80	06:35	E	47 083	3.758	46.625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		18	0.60	06:30	E	47 900	2.942	46 625	50.842	46.475	3824.750	2932.900	
Anomaly	MLOS		15	1.30	03:50	E	20.200	26.275	50 842	46.475	45.333	3875.592	2886.425	
Anomaly	MLOS		15	0 50	05:30	E	11.642	33.617	46.758	45.258	48.425	4287.267	2475.967	
Cluster	MLOS		16	2 30	06:00	E	16.217	29.042	46.758	45 258	48.425	4287.267	2475.967	

EMPCO-ARKGOV006808

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.70	06:45	E	27.342	21.083	45.258	48.425	47.200	4332.525	2427.542	
Anomaly	MLOS		17	0.60	02:45	I	1.725	45.475	48.425	47.200	46.725	4380.950	2380.342	
Anomaly	MLOS		16	1.30	07:40	E	8.792	37.800	38.917	46.592	50.108	4882.250	1879.650	
Anomaly	MLOS		15	1.10	01:50	I	12.158	34.175	50.108	46.333	46.383	4978.950	1783.208	
Anomaly	MLOS		15	1.40	06:20	E	20.300	26.033	50.108	46.333	46.383	4978.950	1783.208	
Anomaly	MLOS		20	0 80	05:40	E	29.733	16.600	50.108	46.333	46.383	4978.950	1783.208	
Anomaly	MLOS		21	0.90	03:50	E	39.058	6.025	45.408	45.083	47.492	5168.775	1594.633	
Anomaly	MLOS		46	1.00	09:50	I	2.608	44.883	45.083	47.492	50.817	5213.858	1547.142	
Anomaly	MLOS		22	0.80	09:10	I	2.675	44.817	45.083	47.492	50.817	5213.858	1547.142	
Anomaly	MLOS		15	0.90	08:40	I	15.858	31.633	45.083	47.492	50.817	5213.858	1547.142	
Anomaly	MLOS		15	1.10	05:05	E	33.433	16.433	44.208	49.867	47.308	5402.508	1356.117	
Anomaly	MLOS		16	0.70	05:50	E	35 675	14.192	44.208	49.867	47.308	5402.508	1356.117	
Anomaly	MLOS		16	0.90	05:35	E	42.150	5.158	49.867	47.308	51.325	5452.375	1308.808	
Cluster	MLOS		17	0.90	05:45	E	42.758	4.550	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		18	1.10	05:30	E	42 992	4.317	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		15	0.80	05:35	E	43.233	4.075	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		16	0.70	06:20	E	44.075	3.233	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		15	1.70	04:40	E	44.642	2.667	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		16	1.30	04:55	E	45.392	1.917	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		20	1.80	04:45	E	45.942	1.367	49.867	47.308	51.325	5452.375	1308.808	
Anomaly	MLOS		15	1 40	05:45	E	2.350	48.975	47.308	51.325	49.500	5499.683	1257.483	
Cluster	MLOS		18	1.40	05:50	E	3.667	47.658	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		18	1.50	04:05	E	5.667	45.658	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		15	1.20	03:40	E	15 067	36.258	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		15	0.30	03:40	E	19.900	31.425	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		18	0.80	08:35	E	21.367	29.958	47.308	51 325	49.500	5499.683	1257.483	
Anomaly	MLOS		43	1.00	08:35	E	24.683	26.642	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		20	1.20	08:25	E	25.808	25.517	47.308	51.325	49.500	5499.683	1257.483	
Cluster	MLOS		15	1.60	04:35	E	44.267	7.058	47.308	51.325	49.500	5499.683	1257.483	
Anomaly	MLOS		17	1.00	06:30	E	4.367	41.233	42.575	45.600	46.008	5833.342	929.550	
Anomaly	MLOS		15	0.60	05:45	E	45.975	4.108	45.367	50.083	41.600	6062.492	695.917	
NCA	NCA			0.00	10:40	E	35.117	10.008	45.525	45.125	50.492	6435.217	328.150	Metal In Close Proximity
Anomaly	MLOS		17	1.00	06:20	E	18.325	27.917	45.783	46.242	44.233	6576.617	185.633	

EMPCO-ARKGOV006809

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Marker	AGM	(b) (7)(F)					5.950	45.433				6802.542	4062.283	AGM 2401+51 B.M. A045.48
Anomaly	MLOS		16	1.00	06:45	E	8.683	41.517	46.433	50.200	47.808	91.867	3965 650	
Anomaly	MLOS		20	1.10	07:05	E	12 317	37.883	46.433	50.200	47.808	91.867	3965 650	
Anomaly	MLOS		18	0.90	07:15	E	18 467	31.733	46.433	50.200	47.808	91.867	3965.650	
Anomaly	MLOS		20	1.10	06:55	E	19.883	30.317	46.433	50.200	47 808	91.867	3965.650	
Anomaly	MLOS		20	1.00	02:25	I	2.867	41 617	52.250	44.483	40.583	1294.575	2768.658	
NCA	NCA			0.00	07:00	E	36.517	6.925	18.742	43 442	49.692	2110.683	1953.592	Metal In Close Proximity
Anomaly	MLOS		33	0 90	09.50	E	16.192	31.192	49.417	47.383	35.042	2389.500	1670.833	
Anomaly	MLOS		17	0.80	09.50	E	16.883	30.500	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		19	6.00	07:00	E	30.542	16 842	49.417	47.383	35.042	2389.500	1670.833	
Anomaly	MLOS		15	1.50	08.00	E	31.158	16.225	49.417	47.383	35.042	2389.500	1670.833	
Anomaly	MLOS		15	1.00	05:40	E	31.258	16.125	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		20	2.90	05:50	E	33.058	14.325	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		16	4.50	05:50	E	34.092	13 292	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		15	2.60	06:25	E	34.808	12.575	49 417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		18	1.80	05:50	E	35.292	12.092	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		15	2.20	07:10	E	38.633	8.750	49.417	47.383	35 042	2389.500	1670.833	
Cluster	MLOS		18	4.50	06:25	E	43.492	3.892	49.417	47.383	35.042	2389.500	1670.833	
Cluster	MLOS		18	2.30	06:25	E	4 067	41.717	35.042	45.783	46.008	2471.925	1590.008	
Cluster	MLOS		13	2.70	06:35	E	4.367	41.417	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		17	3.10	05:35	E	7.000	38 783	35.042	45.783	46 008	2471.925	1590.008	
Anomaly	MLOS		15	2.30	06:20	E	7.433	38 350	35.042	45.783	46.008	2471.925	1590.008	
Cluster	MLOS		15	5.70	05:25	E	8.133	37.650	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		15	0 90	06:00	E	36.217	9.567	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		16	1.30	06:50	E	36.225	9.558	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		21	0.60	06:05	E	36.700	9.083	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		16	0.80	07:40	E	36.933	8.850	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		16	0.90	05:00	E	37.008	8.775	35.042	45.783	46.008	2471.925	1590 008	
Anomaly	MLOS		15	0.50	04:50	E	37.300	8.483	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		15	0.60	05:10	E	37.558	8.225	35.042	45.783	46.008	2471.925	1590.008	
Cluster	MLOS		15	1.00	06:30	E	37.608	8.175	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		27	0.70	06:20	E	38.500	7.283	35.042	45.783	46.008	2471.925	1590.008	
Anomaly	MLOS		40	1.20	05:00	E	38.500	7.283	35.042	45 783	46.008	2471.925	1590.008	

EMPCO-ARKGOV006810

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	17	2.00	05.15	E	8.117	37.383	45.542	45.500	46.483	2702.975	1359.242	
Anomaly	MLOS		25	1.50	04:25	E	18.358	28.125	45.500	46.483	43.183	2748.475	1312.758	
Anomaly	MLOS		18	1.00	06:15	E	33.050	13 433	45.500	46.483	43 183	2748.475	1312.758	
Cluster	MLOS		18	1.40	02:25	E	33.417	13.067	45.500	46.483	43.183	2748.475	1312.758	
Anomaly	MLOS		15	2.20	03:10	E	35.917	10 567	45.500	46.483	43.183	2748.475	1312.758	
Anomaly	MLOS		16	0.60	05:35	E	26.467	16.717	46.483	43.183	46.383	2794.958	1269.575	
Anomaly	MLOS		18	1.10	05:35	E	26.717	16.467	46.483	43.183	46.383	2794.958	1269.575	
Anomaly	MLOS		20	0.70	05:30	E	28.433	14.750	46.483	43.183	46.383	2794.958	1269.575	
Anomaly	MLOS		19	1.00	10:30	E	9 242	27.442	45.300	36 683	46.708	2929.825	1141 208	
NCA	NCA			0 00	12:00	I	15.000	31.267	43.983	46.267	45 558	3771.733	289.717	Mill Anomaly
Marker	AGM						20.308	25.858				4087.408	8206.100	AGM 2360+50 B M A044.70
Anomaly	MLOS		15	0.60	05:15	E	10.050	27.308	46.167	37.358	44.650	25.858	8168.742	
Cluster	MLOS		15	1.00	05:35	E	30.583	16.742	45.975	47.325	45.775	153.842	8030.792	
Anomaly	MLOS		20	0.70	05:35	E	34.667	12.658	45.975	47.325	45.775	153.842	8030.792	
Anomaly	MLOS		15	0.40	06:25	E	36.300	11.025	45.975	47.325	45.775	153.842	8030.792	
Cluster	MLOS		17	1.10	06:50	E	43 925	1.742	45.775	45.667	44.892	246.942	7939.350	
Cluster	MLOS		16	2.00	06:10	E	44.125	1.542	45 775	45.667	44.892	246.942	7939.350	
Anomaly	MLOS		18	0.50	06:20	E	37.583	7.308	45.667	44.892	45.575	292.608	7894.458	
Anomaly	MLOS		23	0.70	05:25	E	41.167	3.725	45.667	44.892	45.575	292.608	7894.458	
Anomaly	MLOS		15	1.00	06:15	E	42.725	2.167	45.667	44.892	45.575	292.608	7894.458	
Anomaly	MLOS		20	1.50	06:40	E	44.050	0.842	45.667	44.892	45.575	292.608	7894.458	
Anomaly	MLOS		17	1.00	06:35	E	44.400	0.492	45.667	44.892	45.575	292.608	7894 458	
Anomaly	MLOS		16	0.80	06:20	E	44.617	0.275	45.667	44.892	45.575	292.608	7894.458	
Anomaly	MLOS		15	1.00	06:20	E	1.375	44.200	44.892	45.575	46.983	337.500	7848 883	
Anomaly	MLOS		15	1.20	06:35	E	3.617	41.958	44.892	45.575	46 983	337.500	7848.883	
Anomaly	MLOS		18	0.90	04:30	E	43.933	7.092	45.917	51.025	45.758	1203.775	6977.158	
Cluster	MLOS		15	1.10	04:45	E	17.283	29.875	46.133	47.158	45.092	1625.675	6559.125	
NCA	NCA			0.00	12:30	I	33.417	12.442	44.675	45.858	44.625	1988.950	6197.150	Long Seam Anomaly
NCA	NCA			0.00	12:30	I	33.767	12.092	44.675	45.858	44 625	1988.950	6197.150	Long Seam Anomaly
Anomaly	MLOS		17	1.50	05:50	E	23.725	21.875	46.292	45.600	44.917	4280.567	3905.792	
Anomaly	MLOS		17	0.80	05:30	E	44.425	1.175	46.292	45.600	44.917	4280.567	3905.792	
Anomaly	MLOS		19	1.00	03:30	E	10.925	36.217	46.633	47.142	49.458	4604.883	3579.933	
Anomaly	MLOS		15	0 30	09:00	I	20.325	17.100	45.867	37.425	44.892	4974.850	3219.683	

EMPCO-ARKGOV006811

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.50	04:00	E	39.683	4.875	45.692	44.558	44.983	5783.150	2404.250	
Anomaly	MLOS		18	1.30	06:35	E	10.533	34.450	44.558	44.983	45.617	5827.708	2359.267	
Anomaly	MLOS		16	0.70	06:40	E	11.267	33.717	44.558	44.983	45.617	5827.708	2359.267	
Cluster	MLOS		16	2.40	06:45	E	11.650	33.333	44.558	44.983	45.617	5827.708	2359.267	
Anomaly	MLOS		15	0.50	06:40	E	12.067	32.917	44.558	44.983	45.617	5827.708	2359.267	
Anomaly	MLOS		18	0.90	05:40	E	14.150	30.833	44.558	44.983	45.617	5827.708	2359.267	
Anomaly	MLOS		21	0.90	05:35	E	15.300	29.683	44.558	44.983	45.617	5827.708	2359.267	
NCA	NCA			0.00	08:35	E	25.083	19.900	44.558	44.983	45.617	5827.708	2359.267	Metal In Close Proximity
Anomaly	MLOS		16	0.70	05:20	E	31.825	13.158	44.558	44.983	45 617	5827.708	2359 267	
Anomaly	MLOS		17	1.10	06.45	E	3.800	41.175	44.042	44.975	41.383	6235.208	1951.775	
Cluster	MLOS		25	2 20	02:00	I	9.025	38.058	41.383	47.083	44.992	6321.567	1863.308	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	1 00	07:40	I	7.592	37 417	44.992	45 008	45.858	6413.642	1773.308	
Anomaly	MLOS		39	0 70	11:35	I	12.600	32 067	40.058	44 667	49.700	7098.242	1089.050	
Anomaly	MLOS		18	1 00	06:30	E	1.033	48.667	44 667	49.700	49.750	7142.908	1039.350	
Anomaly	MLOS		19	1.00	06:30	I	40.250	9.450	44.667	49.700	49 750	7142.908	1039.350	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	0.70	05:10	I	40.450	9.250	44.667	49.700	49 750	7142.908	1039.350	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	01:30	E	7.083	37.350	49.750	44.433	45.408	7242.358	945.167	Metal In Close Proximity
Anomaly	MLOS		18	1 60	09:00	E	3.050	40.142	45.108	43.192	47.600	7468.783	719.983	
Anomaly	MLOS		16	0.70	01:40	E	18.033	29.567	43 192	47.600	41.458	7511.975	672.383	
NCA	NCA			0.00	04:15	I	31.900	15.700	43.192	47.600	41 458	7511.975	672.383	Mill Anomaly
Cluster	MLOS		17	1.10	12:05	E	18 000	29.242	45.717	47.242	51.425	7919.133	265.583	
Cluster	MLOS		18	3.10	11:00	E	4 233	47.192	47.242	51.425	45.075	7966.375	214.158	
Marker	AGM						27.808	19.633				8204.150	6860.683	AGM 2278+28 B.M. A043.15 (INS)
Anomaly	MLOS		15	0.70	12:35	I	43.258	6.167	40 092	49.425	46.150	149.933	6680.958	
Anomaly	MLOS		16	0.40	11:35	I	19.217	26.133	45.175	45.350	46.400	1056.442	5778.525	
Anomaly	MLOS		26	1.10	11:55	I	21.717	20.425	49.450	42.142	51.958	1955.475	4882.700	
Anomaly	MLOS		17	0.50	04:55	I	43.375	3.008	46.333	46.383	45.133	2645.658	4188.275	
Anomaly	MLOS		15	0.90	06:10	E	46 417	2.608	49.742	49.025	49.533	3022.650	3808.642	
Anomaly	MLOS		16	0.80	06:05	E	35.983	13.575	49.533	49.558	48.533	3121.208	3709.550	
Cluster	MLOS		18	3.60	05:35	E	43.950	4.583	49.558	48.533	48.033	3170.767	3661.017	
Cluster	MLOS		15	2.60	06:15	E	44.342	4.192	49.558	48.533	48.033	3170.767	3661.017	
Anomaly	MLOS		19	1.40	06:00	E	30.000	19.158	46.992	49.158	49.925	3314.325	3516.833	
Cluster	MLOS		16	2.90	06:45	E	25.933	0.392	11.367	26.325	26.267	3807.458	3046.533	

EMPCO-ARKGOV006812

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	03:10	I	15 625	24.025	39.642	39.650	32.625	4093.000	2747.667	Excess Metal
Cluster	MLOS		22	1.60	01:00	E	48.792	1.842	48.683	50.633	48.942	4656.925	2172.758	
Anomaly	MLOS		15	1.70	06:40	E	6.542	42.400	50.633	48 942	47.925	4707.558	2123.817	
Cluster	MLOS		18	2.90	01:35	E	16.875	32.067	50 633	48.942	47.925	4707.558	2123.817	
Anomaly	MLOS		15	0.90	11:25	E	17.275	31.667	50.633	48.942	47.925	4707.558	2123.817	
Anomaly	MLOS		16	1.20	12:25	E	19.450	29.492	50.633	48.942	47.925	4707.558	2123.817	
Anomaly	MLOS		17	0.60	11:45	E	21.708	27.233	50 633	48.942	47.925	4707.558	2123.817	
Anomaly	MLOS		28	1.30	11:10	E	23.725	25.217	50.633	48.942	47.925	4707.558	2123.817	
Cluster	MLOS		20	4.20	06:45	E	25.758	23 183	50.633	48 942	47.925	4707.558	2123.817	
Anomaly	MLOS		29	2.70	08:50	E	8.892	39.033	48 942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		15	1.80	08:55	E	10.883	37.042	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		15	0.80	08:50	E	12.583	35 342	48.942	47.925	47 867	4756.500	2075 892	
Anomaly	MLOS		17	1 30	08:55	E	13.617	34.308	48.942	47.925	47.867	4756.500	2075 892	
Anomaly	MLOS		15	1.70	06:30	E	15.950	31.975	48 942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		17	0.90	05:25	E	19.867	28.058	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		15	2.00	02:10	E	28.125	19.800	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		15	2.40	06:40	E	29 608	18.317	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		20	2.80	04:00	E	30.117	17.808	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		20	3.20	06:50	E	30.258	17.667	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		18	1.60	05:20	E	30.292	17.633	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		16	1.40	08:15	E	30.667	17.258	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		21	2.70	07:00	E	33.250	14.675	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		16	1.00	05:10	E	35.683	12.242	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		18	1.50	05:30	E	36.317	11.608	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		26	1.20	05:15	E	36.567	11.358	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		33	2.40	07:05	E	37 267	10.658	48 942	47.925	47.867	4756.500	2075 892	
Anomaly	MLOS		15	1 50	02:40	E	37.300	10.625	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		15	2.70	09:15	E	37.883	10 042	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		17	1.80	03:10	E	40.383	7.542	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		16	3.70	02:40	E	41.800	6.125	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		16	2.00	02:45	E	42.442	5.483	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		18	1.30	03:10	E	42.792	5.133	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		15	1.10	09:00	E	42 975	4.950	48.942	47.925	47.867	4756.500	2075.892	

EMPCO-ARKGOV006813

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	1.70	03:15	E	43.050	4.875	48.942	47.925	47 867	4756.500	2075.892	
Cluster	MLOS		19	3.70	03:00	E	43.883	4.042	48.942	47.925	47.867	4756.500	2075 892	
Anomaly	MLOS		22	1.20	03:10	E	45.233	2.692	48.942	47.925	47.867	4756.500	2075 892	
Anomaly	MLOS		28	1.50	01:20	E	45.258	2.667	48 942	47.925	47 867	4756.500	2075.892	
Cluster	MLOS		16	3.60	03:15	E	45.750	2.175	48 942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		33	1.40	03.05	E	46.508	1.417	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		16	1.90	03:05	E	46.950	0.975	48.942	47.925	47.867	4756.500	2075.892	
Anomaly	MLOS		25	1.00	02:10	E	47.617	0.308	48.942	47.925	47.867	4756.500	2075.892	
Cluster	MLOS		17	1.90	03:35	E	47.833	0.092	48.942	47.925	47.867	4756.500	2075.892	Girth Weld Zone
Anomaly	MLOS		19	1.20	03:35	E	0.275	47.592	47.925	47 867	48.325	4804.425	2028 025	
Cluster	MLOS		19	2 90	08:20	E	0.558	47.308	47.925	47 867	48.325	4804.425	2028 025	
Cluster	MLOS		15	1.70	03:05	E	0.758	47.108	47.925	47 867	48.325	4804.425	2028 025	
Cluster	MLOS		21	1 20	03:45	E	1.017	46.850	47.925	47.867	48.325	4804.425	2028.025	
Cluster	MLOS		15	3.00	03:45	E	2.067	45 800	47.925	47.867	48.325	4804.425	2028.025	
Anomaly	MLOS		18	1.10	05:40	E	28.558	19.308	47 925	47.867	48 325	4804.425	2028.025	
Anomaly	MLOS		16	0.90	05:30	E	33.225	14.642	47.925	47.867	48.325	4804.425	2028.025	
Cluster	MLOS		22	1.70	06:10	E	35.908	11.958	47.925	47.867	48.325	4804.425	2028.025	
Anomaly	MLOS		19	0.80	06:10	E	36.225	11.642	47.925	47.867	48.325	4804.425	2028 025	
Cluster	MLOS		17	3.10	06:00	E	38.225	9.642	47.925	47.867	48.325	4804.425	2028 025	
Anomaly	MLOS		18	0 90	06:00	E	38.692	9.175	47.925	47.867	48.325	4804.425	2028.025	
Anomaly	MLOS		19	1.80	05:50	E	44.158	3.708	47.925	47 867	48.325	4804.425	2028.025	
Anomaly	MLOS		15	0.80	06:00	E	44.583	3.283	47 925	47.867	48.325	4804.425	2028 025	
Anomaly	MLOS		19	1.90	11:20	E	1.617	46.708	47.867	48.325	49.208	4852.292	1979.700	
Anomaly	MLOS		16	0 90	01:00	E	2.150	46.175	47.867	48.325	49.208	4852.292	1979.700	
Anomaly	MLOS		18	1.20	05:40	E	22.975	25.350	47.867	48 325	49.208	4852.292	1979.700	
Anomaly	MLOS		21	1.40	06:15	E	23.492	23.400	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		16	0.80	06:10	E	24.417	22.475	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		18	1 20	06:10	E	24 617	22.275	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		21	1.40	06:10	E	42.067	4.825	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		17	1.80	06:10	E	42.392	4.500	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		18	0.70	06:15	E	42.667	4.225	49.208	46.892	47 967	4999.033	1834.392	
Cluster	MLOS		26	2.40	06:10	E	43.942	2.950	49.208	46.892	47.967	4999.033	1834.392	
Anomaly	MLOS		21	1.30	06:20	E	44.325	2.567	49 208	46.892	47.967	4999.033	1834.392	

EMPCO-ARKGOV006814

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	24	1 00	08:50	E	2.650	45.792	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		16	1.20	08:55	E	2.883	45.558	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		17	2.00	08:55	E	3.617	44.825	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		15	1.30	08:55	E	4.075	44.367	48 917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		18	4.20	08:55	E	5.650	42.792	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		29	2.80	09:10	E	6.292	42.150	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		37	1.60	08:55	E	21.408	27.033	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		33	2.90	09:05	E	22.192	26.250	48.917	48 442	48.717	5522.275	1309.600	
Cluster	MLOS		22	4.50	09:00	E	23.642	24.800	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		16	1.60	09:05	E	24.058	24.383	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		26	2.90	09:00	E	30.775	17.667	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		31	1.60	12:40	E	31.842	16.600	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		21	1.40	06:50	E	36.175	12.267	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		16	1.30	12:35	E	37.500	10.942	48 917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		19	3.30	12:40	E	40.608	7.833	48.917	48.442	48.717	5522.275	1309.600	
Cluster	MLOS		21	2.10	02:10	E	47.567	0.875	48.917	48.442	48.717	5522.275	1309.600	
Anomaly	MLOS		15	1.50	04:00	E	11.767	36.950	48.442	48.717	47.575	5570.717	1260.883	
Anomaly	MLOS		15	1.80	08:10	E	13.450	35.267	48.442	48.717	47 575	5570.717	1260.883	
Anomaly	MLOS		22	1.10	06:35	E	37.150	10.425	48.717	47.575	47.850	5619.433	1213.308	
Anomaly	MLOS		17	0.80	09:20	E	43.858	3.717	48.717	47.575	47.850	5619.433	1213.308	
Anomaly	MLOS		15	1.70	06:40	E	44.683	2.892	48.717	47.575	47.850	5619.433	1213.308	
Cluster	MLOS		28	2.50	09:20	E	47.125	0.450	48.717	47.575	47.850	5619.433	1213.308	
NCA	NCA			0.00	03:40	I	33.458	15.842	48.542	49.300	48.583	6100.950	730.067	Mill Anomaly
Anomaly	MLOS		15	1.20	03:45	I	34.125	15.175	48.542	49.300	48.583	6100.950	730.067	
Cluster	MLOS		18	1.50	10:20	E	43.333	5.967	48.542	49.300	48.583	6100.950	730.067	
Anomaly	MLOS		16	1.00	11:20	E	43.367	5.933	48.542	49.300	48.583	6100.950	730.067	
Cluster	MLOS		17	1.60	01:15	E	47.667	1.633	48.542	49.300	48.583	6100.950	730.067	
Cluster	MLOS		16	1.40	11:35	E	13.533	35.050	49.300	48.583	48.317	6150.250	681.483	
Anomaly	MLOS		25	0.70	05:35	E	43.275	5.042	48 583	48.317	46.417	6198.833	633.167	
NCA	NCA			0.00	11:50	I	0.883	46.633	49.992	47.517	47.283	6535.375	297.425	Long Seam Anomaly
Anomaly	MLOS		23	0.80	12:40	E	36.583	11.300	48.392	47.883	47.525	6771.792	60.642	
Marker	AGM						13.117	35.142				6867.200	4062.775	AGM 2209+35 B.M. A041.84
NCA	NCA			0.00	11:45	I	8.125	42.408	50.358	50.533	48 267	612.700	3434.683	Excess Metal

EMPCO-ARKGOV006815

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	32	1 30	12:30	E	2 142	44.742	48.367	46.883	48.583	2027.992	2023.042	
NCA	NCA			0.00	10:10	I	7.825	40.733	48 967	48.558	49.550	2558.200	1491.158	Long Seam Anomaly
Anomaly	MLOS		25	1 00	11:50	I	18.200	30.358	48.967	48.558	49.550	2558.200	1491.158	
Anomaly	MLOS		25	1.30	05:35	I	36.775	12 642	47.350	49.417	48 858	3143.217	905.283	
Anomaly	MLOS		17	0.70	04:50	E	32.225	15.867	22.775	48.092	48 567	3942.383	107.442	
Marker	VALV						2.325	2.267				4095.592	7229.425	Valve B.V. # G22 2168+38 B.M. V041 06
NCA	NCA			0.00	11:05	I	13.175	33.275	48.500	46.450	51.133	332.317	6852.925	Mill Anomaly
NCA	NCA			0.00	11:05	I	13.367	33.083	48.500	46.450	51.133	332.317	6852.925	Mill Anomaly
Anomaly	MLOS		16	0.50	11:00	I	6.575	39.883	49.875	46.458	47.983	812.250	6372.983	
Cluster	MLOS		16	2 90	03:40	E	16.583	33.617	45.742	50.200	47.175	1372.267	5809.225	
Anomaly	MLOS		15	2 80	02:00	E	21 267	25.908	50.200	47.175	47.617	1422.467	5762.050	
Cluster	MLOS		16	2.70	03:40	E	29.217	17.958	50.200	47.175	47.617	1422.467	5762.050	
Cluster	MLOS		15	4 70	02:25	E	11.775	35.842	47.175	47 617	48.925	1469.642	5714.433	
Cluster	MLOS		21	2 90	03:10	E	12.442	35.175	47.175	47.617	48.925	1469.642	5714.433	
Cluster	MLOS		17	4.70	04:20	E	12.925	32.942	49 333	45.867	43.425	1803.825	5382.000	
Anomaly	MLOS		23	2.40	12:25	E	17.183	28.683	49 333	45.867	43.425	1803.825	5382 000	
Anomaly	MLOS		21	2.40	11:40	E	18.992	26.875	49.333	45.867	43 425	1803.825	5382.000	
Anomaly	MLOS		20	2.40	10:15	E	21.167	24.700	49.333	45.867	43.425	1803.825	5382.000	
Cluster	MLOS		18	3.00	11:45	E	6.750	36.675	45.867	43.425	35.958	1849.692	5338.575	
Anomaly	MLOS		15	2.50	11:55	E	11.125	32.300	45.867	43.425	35.958	1849.692	5338.575	
Anomaly	MLOS		23	0.90	06:40	E	22.375	21.050	45.867	43.425	35.958	1849.692	5338.575	
Anomaly	MLOS		30	0.90	04:50	E	22.958	20.467	45.867	43.425	35.958	1849.692	5338.575	
Anomaly	MLOS		32	0.90	04:35	E	24.208	19.217	45.867	43.425	35.958	1849.692	5338.575	
Anomaly	MLOS		15	0.60	02:55	E	9.950	26.008	43.425	35.958	49.175	1893.117	5302 617	
Anomaly	MLOS		17	1.20	08:15	E	40.367	8.467	49.175	48 833	48.642	1978.250	5204.608	
Anomaly	MLOS		16	1.50	08:00	E	0.767	45.817	50.600	46.583	49.408	2415.558	4769.550	
Anomaly	MLOS		16	2 00	05:15	E	41.683	4.900	50.600	46.583	49.408	2415.558	4769.550	
Anomaly	MLOS		23	1 10	01:00	E	1.608	47.800	46.583	49.408	46.950	2462.142	4720.142	
Anomaly	MLOS		16	1.30	05:30	E	5.117	44.292	46.583	49.408	46.950	2462.142	4720.142	
Anomaly	MLOS		19	0.80	12:35	E	12.892	36 517	46.583	49.408	46.950	2462.142	4720.142	
Anomaly	MLOS		15	1.20	11:35	E	16.642	32.767	46.583	49.408	46.950	2462.142	4720.142	
Cluster	MLOS		16	3 20	05:45	E	5.433	43.558	48.150	48.992	48.217	2899.217	4283 483	
NCA	NCA			0.00	12:10	I	14 208	33.158	48.233	47.367	46.142	3234.708	3949.617	Long Seam Anomaly

EMPCO-ARKGOV006816

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0 00	11:20	I	34.742	14.067	47.217	48 808	49.258	4014.825	3168.058	Long Seam Anomaly
Cluster	MLOS		20	4.30	03:40	E	45.817	4.333	48.700	50.150	49.042	4451.933	2729.608	
Anomaly	MLOS		18	1.10	06:50	E	21.667	28 158	48.692	49 825	49.167	4599.817	2582.050	
Cluster	MLOS		15	1.50	05:10	E	21.767	28.058	48.692	49.825	49.167	4599.817	2582.050	
Cluster	MLOS		17	3.20	05:00	E	22.333	27.492	48 692	49.825	49.167	4599.817	2582.050	
Cluster	MLOS		20	1.50	10:30	I	35.600	11.508	47.725	47.108	51.083	5037.350	2147.233	
NCA	NCA			0.00	10:30	I	36.133	10.975	47.725	47.108	51.083	5037.350	2147 233	Mill Anomaly
Anomaly	MLOS		29	0.90	03:45	I	46.717	1.567	47.500	48.283	48.892	5524.317	1659.092	
Anomaly	MLOS		16	2.10	04:10	E	37 383	9.508	49 683	46.892	48 042	5818.717	1366.083	
Anomaly	MLOS		19	0.60	02:20	I	3.958	45.517	48.758	49.475	48.542	6058.367	1123 850	
Cluster	MLOS		15	0.70	12:40	I	13.917	35.558	48.758	49.475	48.542	6058.367	1123.850	
Anomaly	MLOS		18	0.90	06:25	E	0.258	48.725	48.542	48.983	45.158	6301.758	880.950	
Anomaly	MLOS		18	1 80	05:40	E	42.358	2.800	48.983	45.158	34.642	6350.742	835.792	
Anomaly	MLOS		18	0.80	05:50	E	43.742	1.417	48.983	45.158	34.642	6350.742	835.792	
Marker	AGM						40 250	8.583				7191.442	8065.717	AGM 2096+09 B.M. A039.69 (INS)
Cluster	MLOS		15	7.00	04:30	E	45.658	4.733	50.025	50.392	50.675	201.008	7822.900	
Cluster	MLOS		15	4.60	04:15	E	34.492	13.692	49.900	48.183	49.058	882.183	7143.933	
Anomaly	MLOS		16	1 00	07:35	E	34.575	13.608	49.900	48.183	49.058	882.183	7143.933	
NCA	NCA			0.00	08:00	E	45.758	3.375	49.058	49.133	48.925	979.425	7045.742	Metal In Close Proximity
Anomaly	MLOS		18	2.60	05:40	E	49.667	1.900	52.042	51.567	49.792	2404.658	5618.075	
NCA	NCA			0.00	06:05	E	37.300	15.225	49.792	52.525	48.850	2506.017	5515.758	Metal In Close Proximity
NCA	NCA			0.00	05:50	E	39.258	13.267	49.792	52.525	48.850	2506.017	5515.758	Metal In Close Proximity
Anomaly	MLOS		17	1.40	10:50	E	25.658	24.683	48.850	50.342	49.583	2607.392	5416 567	
Anomaly	MLOS		19	2.10	12:35	E	26 550	23.792	48.850	50.342	49.583	2607.392	5416.567	
Cluster	MLOS		19	0.80	05:05	E	6.083	43.500	50.342	49.583	51.192	2657.733	5366 983	
Anomaly	MLOS		18	1.40	05:40	E	7.133	42.450	50.342	49.583	51.192	2657.733	5366.983	
Anomaly	MLOS		16	0.90	05:20	E	7.375	42.208	50 342	49.583	51.192	2657.733	5366 983	
NCA	NCA			0.00	02:10	E	12.058	37.525	50.342	49.583	51.192	2657.733	5366.983	Metal In Close Proximity
NCA	NCA			0.00	10:10	E	15.875	33.708	50.342	49.583	51.192	2657.733	5366 983	Metal In Close Proximity
Anomaly	MLOS		36	1.20	05:40	E	18.133	31.450	50.342	49.583	51.192	2657.733	5366.983	
NCA	NCA			0.00	01:15	E	21.675	27.908	50.342	49.583	51.192	2657.733	5366.983	Metal In Close Proximity
Anomaly	MLOS		16	0.70	05:50	E	37.533	12 050	50.342	49.583	51.192	2657.733	5366.983	
Anomaly	MLOS		26	1.20	05:55	E	14.550	34.042	49.433	48.592	50.958	2957.625	5068.083	

EMPCO-ARKGOV006817

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	20	1.00	05.40	E	21.950	26.642	49 433	48.592	50.958	2957.625	5068.083	
Anomaly	MLOS		16	0 60	06.00	E	38.167	10.425	49.433	48.592	50.958	2957.625	5068.083	
Anomaly	MLOS		25	2.30	06:45	E	47.408	1.400	50.325	48 808	47.475	3548.017	4477.475	
Anomaly	MLOS		18	2.40	06:15	E	7.442	40.033	48.808	47.475	49.250	3596.825	4430.000	
Cluster	MLOS		18	3.00	05:40	E	11.250	36.225	48.808	47.475	49.250	3596.825	4430.000	
Anomaly	MLOS		30	2.20	05:40	E	11.767	35.708	48.808	47.475	49.250	3596.825	4430.000	
Anomaly	MLOS		16	1.10	07:35	I	40.250	7.458	44.550	47.708	50.025	4994.017	3032.575	
Cluster	MLOS		18	1.10	01:10	E	47.683	2.342	47.708	50.025	48.242	5041.725	2982.550	
Anomaly	MLOS		15	2.30	12:05	E	47.808	2.217	47.708	50.025	48.242	5041.725	2982.550	
Cluster	MLOS		28	5.80	04:40	E	4.758	43.483	50.025	48.242	48.983	5091.750	2934.308	
Anomaly	MLOS		15	0.80	04:55	E	5.067	43.175	50.025	48.242	48.983	5091.750	2934.308	
Anomaly	MLOS		16	0.30	10:10	I	33.858	14 383	50.025	48.242	48.983	5091.750	2934.308	
Anomaly	MLOS		15	0.60	05:00	E	33.533	15.533	48.067	49.067	50 892	5436.008	2589.225	
Anomaly	MLOS		16	0 80	04:50	E	45.708	3.358	48.067	49.067	50.892	5436.008	2589.225	
Anomaly	MLOS		15	0.60	08:35	E	23 383	25.917	50.892	49.300	47.817	5535.967	2489.033	
Anomaly	MLOS		18	1.40	08:30	E	24.558	24.742	50.892	49.300	47.817	5535.967	2489.033	
Anomaly	MLOS		31	1.60	08:00	E	27.625	21.675	50.892	49.300	47.817	5535.967	2489.033	
Anomaly	MLOS		15	0.90	07:25	E	28.025	21.275	50.892	49.300	47.817	5535.967	2489.033	
Anomaly	MLOS		17	0.90	02:50	E	0.992	48.550	47.817	49.542	49.975	5633.083	2391.675	
Anomaly	MLOS		17	0 90	02:15	E	2.358	47.183	47.817	49.542	49.975	5633.083	2391.675	
NCA	NCA			0.00	01:10	I	31 283	10.783	51.217	42.067	48.600	6204.642	1827.592	Mill Anomaly
Anomaly	MLOS		25	1.00	04:05	E	39.408	10.583	50.842	49.992	49.908	6496.550	1527.758	
Cluster	MLOS		19	1.40	07:40	E	28.325	18.792	51.683	47.117	48.650	6648.133	1379.050	
Anomaly	MLOS		21	1.10	06.55	E	1 308	47.342	47.117	48.650	50.808	6695.250	1330.400	
Anomaly	MLOS		19	0.90	08:00	E	13.442	35.208	47.117	48.650	50.808	6695.250	1330.400	
Anomaly	MLOS		17	1.10	08:20	E	14.858	33.792	47.117	48.650	50 808	6695.250	1330.400	
Anomaly	MLOS		24	0.70	08:25	E	15 042	33.608	47.117	48.650	50.808	6695.250	1330.400	
Anomaly	MLOS		15	1.20	04:30	E	6.133	44.675	49.050	50 808	48.692	6993.225	1030.267	
Anomaly	MLOS		21	0.90	04:35	E	8.567	42 242	49.050	50.808	48.692	6993.225	1030.267	
Anomaly	MLOS		15	0.80	03:55	E	12.500	38.308	49.050	50.808	48.692	6993.225	1030.267	
Anomaly	MLOS		17	1.20	04:25	E	15.750	35.058	49.050	50.808	48.692	6993.225	1030.267	
Anomaly	MLOS		33	1.00	07:45	E	8.267	40.425	50.808	48 692	47.750	7044.033	981.575	
Anomaly	MLOS		16	1.40	03:10	E	12 408	36.283	50.808	48.692	47.750	7044.033	981.575	

EMPCO-ARKGOV006818

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1.20	08:00	E	1.083	46.667	48.692	47.750	49.550	7092.725	933.825	
Anomaly	MLOS		20	0.70	08:15	E	3.733	44.017	48 692	47.750	49.550	7092.725	933.825	
Anomaly	MLOS		18	1.40	07:50	E	16.275	31.475	48.692	47.750	49.550	7092.725	933.825	
Cluster	MLOS		20	1.00	07:55	E	18 992	28.758	48 692	47.750	49.550	7092.725	933.825	
Marker	AGM						9.117	39.783				8065.183	5339.700	AGM 2015+40 B.M. A038.17
NCA	NCA			0 00	03:25	I	25.842	20.908	48.358	46.750	47.575	2322.125	3010 608	Mill Anomaly
NCA	NCA			0.00	08:00	I	40.433	6.317	48.358	46 750	47.575	2322.125	3010.608	Mill Anomaly
Anomaly	MLOS		16	0.80	07.45	E	20.200	28.317	49.617	48.517	47.700	2659.492	2671.475	
Anomaly	MLOS		29	1.00	08:00	E	45.175	3.342	49.617	48.517	47.700	2659.492	2671.475	
Anomaly	MLOS		19	0.60	07:20	E	45.517	3.000	49 617	48.517	47.700	2659.492	2671.475	
Anomaly	MLOS		18	0.60	07:45	E	1.533	46.167	48.517	47.700	50.117	2708.008	2623.775	
Anomaly	MLOS		22	0.90	07:40	E	1.892	45.808	48.517	47.700	50.117	2708.008	2623.775	
Cluster	MLOS		16	1.40	07:20	E	3.883	43.817	48.517	47.700	50.117	2708.008	2623.775	
Anomaly	MLOS		20	0.90	09:10	E	4.867	42 833	48.517	47.700	50.117	2708.008	2623.775	
Cluster	MLOS		16	1.20	06:30	E	22.825	24.875	48.517	47.700	50.117	2708.008	2623.775	
Anomaly	MLOS		21	0.90	06:30	E	24.483	23.217	48.517	47.700	50.117	2708.008	2623.775	
Anomaly	MLOS		22	0.80	05:10	E	25 850	23.250	47.783	49.100	50.367	2931.925	2398.458	
Cluster	MLOS		22	0.90	04:45	E	34 983	14.117	47.783	49.100	50.367	2931.925	2398.458	
Cluster	MLOS		16	1.60	04:35	E	38.700	10.400	47.783	49.100	50.367	2931.925	2398.458	
Anomaly	MLOS		15	0.70	06:05	E	9.033	41.333	49 100	50.367	46.925	2981.025	2348.092	
Anomaly	MLOS		17	0.70	03:25	E	17.633	32.733	49.100	50.367	46.925	2981.025	2348.092	
Anomaly	MLOS		15	0.70	04:35	E	17.867	32.500	49 100	50.367	46.925	2981.025	2348.092	
Anomaly	MLOS		16	0.80	06:20	E	19.558	30.808	49.100	50.367	46.925	2981.025	2348.092	
Anomaly	MLOS		21	0 70	02:30	E	26.050	24.317	49.100	50.367	46.925	2981.025	2348 092	
Anomaly	MLOS		19	0.70	03:10	E	29.142	21.225	49 100	50.367	46.925	2981.025	2348.092	
Anomaly	MLOS		15	0 60	02:55	E	4.267	42.658	50.367	46 925	49.500	3031.392	2301.167	
Anomaly	MLOS		17	0.80	10:35	E	13.583	33.342	50.367	46.925	49.500	3031.392	2301.167	
Anomaly	MLOS		15	0.60	07:00	E	29.350	17.575	50.367	46.925	49.500	3031.392	2301.167	
Anomaly	MLOS		15	0.70	03:40	E	35.817	11 108	50.367	46.925	49.500	3031.392	2301 167	
Anomaly	MLOS		15	0.50	04:55	E	36.292	10.633	50.367	46.925	49.500	3031.392	2301.167	
Anomaly	MLOS		18	0.70	05:30	E	36.750	10.175	50.367	46.925	49.500	3031.392	2301.167	
Cluster	MLOS		23	2.30	05:10	E	36.933	9.992	50.367	46.925	49.500	3031.392	2301.167	
Anomaly	MLOS		17	0.90	09:35	E	13.392	36.108	46.925	49.500	48.667	3078.317	2251.667	

EMPCO-ARKGOV006819

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	15	1.00	08:30	E	14.342	35.158	46.925	49.500	48.667	3078.317	2251 667	
Anomaly	MLOS		21	1.00	11:20	E	20.708	28.792	46.925	49.500	48.667	3078.317	2251.667	
Anomaly	MLOS		15	0.90	12:50	E	21.850	27.650	46.925	49.500	48.667	3078.317	2251.667	
Anomaly	MLOS		16	0.90	05:40	E	29.792	19.708	46.925	49.500	48.667	3078.317	2251 667	
Anomaly	MLOS		17	0.80	09:10	E	33.333	16.167	46.925	49.500	48.667	3078.317	2251.667	
Anomaly	MLOS		18	0 80	06:10	E	37.008	12.492	46.925	49.500	48 667	3078.317	2251.667	
Anomaly	MLOS		23	1.00	05:40	E	37.775	11.725	46.925	49.500	48 667	3078.317	2251.667	
Cluster	MLOS		24	4.50	05:50	E	38.233	11.267	46.925	49.500	48.667	3078.317	2251.667	
Cluster	MLOS		23	1.30	06:15	E	38.608	10.892	46.925	49.500	48.667	3078.317	2251.667	
Cluster	MLOS		17	3.60	05:20	E	38.775	10 725	46.925	49 500	48.667	3078.317	2251.667	
Anomaly	MLOS		28	0.50	05:25	E	39.108	10 392	46.925	49 500	48.667	3078.317	2251.667	
Cluster	MLOS		20	2.30	05:35	E	39.433	10.067	46.925	49.500	48.667	3078.317	2251.667	
Cluster	MLOS		16	2.20	06:10	E	40.317	9.183	46.925	49.500	48.667	3078.317	2251.667	
Anomaly	MLOS		18	0 90	07:25	E	0.825	47 842	49.500	48 667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.60	03:20	E	3.308	45 358	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		26	2.00	04:50	E	4.242	44.425	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		22	1.70	04:10	E	6.192	42.475	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.70	11:50	E	6.550	42.117	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.90	06:35	E	7.208	41.458	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		27	0.90	07:10	E	7 542	41.125	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		17	2.20	05:40	E	7 675	40.992	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		24	0.80	06:10	E	8.042	40.625	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0.50	06:50	E	8.183	40.483	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		28	0.90	03:50	E	8.275	40.392	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		25	0.80	05:50	E	11 642	37.025	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		15	0 90	06:20	E	12.000	36.667	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		19	2.20	05:55	E	12.542	36.125	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		21	2.90	05:40	E	12.675	35 992	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	0.70	06:35	E	12.983	35.683	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	0 50	05:35	E	13.092	35.575	49.500	48.667	9.758	3127.817	2203 000	
Anomaly	MLOS		19	1 30	06:05	E	13.242	35.425	49.500	48.667	9.758	3127.817	2203 000	
Cluster	MLOS		22	2.60	05:35	E	13.508	35.158	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		25	1.10	06:15	E	13.867	34.800	49.500	48.667	9.758	3127.817	2203.000	

EMPCO-ARKGOV006820

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.50	06:50	E	14.708	33.958	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	1.00	04:35	E	14.925	33.742	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		23	0.90	05:35	E	15.408	33.258	49.500	48 667	9.758	3127.817	2203.000	
Anomaly	MLOS		15	0.50	06:15	E	15.692	32.975	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		21	0.90	05:10	E	15.808	32.858	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		21	2.80	05:25	E	16.200	32.467	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		22	0 80	05:15	E	16.442	32.225	49.500	48 667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	1.30	06:15	E	16.692	31.975	49.500	48.667	9.758	3127.817	2203 000	
Cluster	MLOS		17	1 10	04:50	E	16.942	31.725	49.500	48 667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0.90	06:40	E	17.075	31.592	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0 60	05:45	E	17.108	31.558	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		20	2.70	05:40	E	17.517	31.150	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.70	05:00	E	18.600	30 067	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		18	1.00	04:25	E	19.292	29.375	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0 60	05:50	E	19.325	29.342	49.500	48.667	9.758	3127.817	2203 000	
Anomaly	MLOS		15	0.70	05:35	E	19.625	29.042	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		31	2.40	06:00	E	20.625	28.042	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		24	0.80	05:00	E	20.925	27.742	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		24	2 60	05:50	E	20.942	27.725	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		19	1.90	05:20	E	21.842	26.825	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0.70	05:30	E	22.100	26.567	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	0 70	06:00	E	22.175	26.492	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		15	0.50	05:15	E	22.375	26.292	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		30	1.00	06:30	E	22.642	26.025	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.70	04:40	E	24.725	23.942	49.500	48 667	9.758	3127.817	2203.000	
Cluster	MLOS		19	1 50	05:30	E	26 358	22.308	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		23	1.00	04:40	E	27.075	21.592	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.60	04:20	E	27.242	21.425	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.70	04:55	E	27.908	20.758	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		31	2.00	04:50	E	28.408	20.258	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		25	2.20	05:00	E	28.642	20.025	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		28	1.40	04:35	E	29.267	19 400	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		15	0.60	05:20	E	30.508	18.158	49.500	48.667	9.758	3127.817	2203.000	

EMPCO-ARKGOV006821

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		17	1.10	05:00	E	30.700	17.967	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		21	1.00	07:10	E	30.783	17.883	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		22	1.50	06.35	E	32.608	16.058	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	0 90	06:10	E	33 358	15.308	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		22	0 90	05:50	E	34.242	14.425	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		21	0.90	04:40	E	36.933	11.733	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		28	1.60	02:50	E	37.417	11.250	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0.70	08:00	E	38.417	10.250	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.80	07:50	E	38.758	9.908	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		26	3 80	07.10	E	41 300	7.367	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		22	0.80	05.00	E	43.375	5.292	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		21	0.70	05:30	E	43.750	4.917	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		23	2.10	05:40	E	45.025	3.642	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		28	1.60	07:15	E	45.175	3.492	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	0.50	04:35	E	45.183	3.483	49.500	48 667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.60	04:50	E	45.392	3.275	49.500	48 667	9.758	3127.817	2203.000	
Cluster	MLOS		17	1.80	05:05	E	45.708	2.958	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		19	0.60	06:50	E	45.758	2.908	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		18	0.90	03:40	E	46.083	2.583	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		18	0.80	07:20	E	46.317	2.350	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.60	03:30	E	46.408	2.258	49.500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		19	2.60	05:15	E	46.575	2.092	49 500	48.667	9.758	3127.817	2203.000	
Cluster	MLOS		26	1.80	04:50	E	46.750	1.917	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		16	0.70	04:40	E	47.033	1.633	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		23	1.20	05:50	E	47.142	1.525	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		17	0.50	05:30	E	47.375	1.292	49.500	48.667	9.758	3127.817	2203 000	
Anomaly	MLOS		16	1.30	03:25	E	47.908	0.758	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		20	1.00	07:25	E	47.942	0.725	49 500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		28	1.20	06:00	E	47.975	0.692	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		18	0.70	05:15	E	48.008	0.658	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		22	1.00	07:25	E	48.325	0.342	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		27	0.80	06:50	E	48.608	0.058	49.500	48.667	9.758	3127.817	2203.000	
Anomaly	MLOS		21	1.00	07:30	E	0.192	9.567	48.667	9.758	36 342	3176.483	2193 242	

EMPCO-ARKGOV006822

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA			0.00	11:50	E	2.358	33.983	9.758	36.342	47.758	3186.242	2156.900	Metal In Close Proximity
Cluster	MLOS		25	3.90	08.05	E	38.342	10.300	47.950	48 642	45.367	3360.067	1970.775	
NCA	NCA			0.00	01:05	I	12.767	33 883	45.717	46.650	48.175	3499.792	1833.042	Mill Anomaly
Anomaly	MLOS		16	1.00	03:25	E	22.442	24.208	45.717	46.650	48.175	3499.792	1833.042	
Anomaly	MLOS		18	1.00	06:20	E	32.617	14.033	45.717	46.650	48.175	3499.792	1833.042	
Cluster	MLOS		16	1.00	03:05	E	33.767	12 883	45.717	46.650	48.175	3499.792	1833.042	
Anomaly	MLOS		19	0 70	07:40	E	38.333	8.317	45.717	46 650	48.175	3499.792	1833.042	
Cluster	MLOS		16	1.30	03:20	E	44.217	2.433	45.717	46.650	48.175	3499.792	1833.042	
Cluster	MLOS		21	2.20	03:10	E	4.417	43.758	46.650	48.175	47.567	3546.442	1784.867	
Anomaly	MLOS		16	1.20	04:30	E	5 800	42.258	47.850	48.058	49.400	3785.492	1545 933	
Cluster	MLOS		19	1.90	08:00	E	1.542	47.858	48 058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		16	0.90	03:45	E	8.975	40 425	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		25	1 30	08:35	E	10.308	39.092	48.058	49 400	50.950	3833.550	1496.533	
Anomaly	MLOS		27	1.20	08:20	E	10.883	38.517	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		19	1.20	07:40	E	11.025	38.375	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		18	1.00	08:00	E	12.042	37.358	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		16	1.80	08:15	E	13.742	35 658	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		33	0.90	08:50	E	15.325	34.075	48.058	49 400	50.950	3833.550	1496.533	
Anomaly	MLOS		23	0.70	09:05	E	15.550	33.850	48.058	49.400	50.950	3833.550	1496 533	
Anomaly	MLOS		18	0.90	09:10	E	17.175	32.225	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		16	0.90	02:30	E	17.942	31.458	48.058	49.400	50.950	3833.550	1496.533	
Cluster	MLOS		27	1.50	02:25	E	22.933	26.467	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		15	1.20	09:00	E	23 742	25 658	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		16	1.10	02:00	E	24.650	24.750	48.058	49.400	50.950	3833.550	1496.533	
Cluster	MLOS		26	2.30	03:20	E	24 792	24.608	48.058	49.400	50.950	3833.550	1496.533	
Cluster	MLOS		17	1.30	03:40	E	25.108	24.292	48.058	49.400	50.950	3833.550	1496.533	
Cluster	MLOS		19	2.40	04:00	E	26.217	23.183	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		17	1.20	03:30	E	31.358	18.042	48.058	49.400	50.950	3833.550	1496.533	
Anomaly	MLOS		17	1.20	02:45	E	31.658	17.742	48.058	49.400	50.950	3833.550	1496.533	
Cluster	MLOS		15	1.30	02:45	E	43.933	5.467	48.058	49 400	50.950	3833.550	1496.533	
Cluster	MLOS		25	2 00	05:50	E	33.608	17.342	49.400	50.950	49.850	3882.950	1445.583	
Cluster	MLOS		15	2 10	07:10	E	39.342	11.608	49.400	50.950	49.850	3882.950	1445.583	
Anomaly	MLOS		23	1.50	09:00	E	48 375	2.575	49.400	50.950	49.850	3882.950	1445.583	

EMPCO-ARKGOV006823

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	19	1.10	08:45	E	50.408	0.542	49.400	50.950	49.850	3882.950	1445.583	
Cluster	MLOS		15	0.80	09:05	E	4.758	45.092	50.950	49.850	48.658	3933.900	1395.733	
Cluster	MLOS		26	3.50	07:40	E	17.525	32.325	50.950	49.850	48.658	3933.900	1395.733	
Anomaly	MLOS		16	2.20	08:40	E	2.475	46.183	49.850	48.658	46.825	3983.750	1347.075	
Anomaly	MLOS		29	0 30	08:20	E	0.025	46.800	48.658	46.825	45.408	4032.408	1300.250	Girth Weld Anomaly
Anomaly	MLOS		21	1.10	08.30	E	33.750	13.075	48.658	46.825	45.408	4032.408	1300.250	
Anomaly	MLOS		15	0.80	09.40	E	5.992	39.417	46.825	45.408	49.600	4079.233	1254.842	
Anomaly	MLOS		25	0.60	08.40	E	23.758	21.650	46.825	45.408	49.600	4079.233	1254.842	
Anomaly	MLOS		16	1.10	05:50	E	40.000	9.025	49 600	49.025	46.675	4174.242	1156.217	
Anomaly	MLOS		23	0.80	09:00	E	47.925	1.100	49.600	49 025	46.675	4174.242	1156.217	
Cluster	MLOS		27	2.70	09:10	E	48.467	0.558	49.600	49.025	46.675	4174.242	1156.217	
Anomaly	MLOS		17	0.70	08:40	E	9.792	36.883	49.025	46.675	46.458	4223.267	1109.542	
Anomaly	MLOS		23	1.10	02:40	E	12.042	34.633	49.025	46.675	46.458	4223.267	1109.542	
Anomaly	MLOS		18	0.80	05:35	E	20.192	26.483	49.025	46 675	46.458	4223.267	1109.542	
Anomaly	MLOS		16	0.90	08:05	E	31.825	14.850	49.025	46.675	46 458	4223.267	1109.542	
Cluster	MLOS		21	2.30	08:15	E	32 008	14.667	49.025	46.675	46.458	4223.267	1109.542	
Anomaly	MLOS		17	0.60	03:30	E	42.533	4.142	49.025	46.675	46.458	4223.267	1109.542	
Anomaly	MLOS		16	0.80	04:10	E	1.983	44 475	46.675	46.458	48.175	4269.942	1063.083	
Anomaly	MLOS		19	0.90	08:20	E	7.567	38.892	46.675	46.458	48 175	4269.942	1063.083	
Anomaly	MLOS		16	0.60	04:20	E	8.467	37 992	46.675	46.458	48.175	4269.942	1063.083	
Anomaly	MLOS		19	1 00	07:30	E	40.458	6.000	46.675	46 458	48.175	4269.942	1063.083	
Anomaly	MLOS		17	0 80	07:10	E	4.475	43.700	46.458	48.175	47.550	4316.400	1014.908	
Anomaly	MLOS		21	2.20	10:35	I	46 708	0.867	44.475	47.575	48.875	4781.650	550.258	
Anomaly	MLOS		19	1.00	02:45	E	38.350	9.225	48.875	47.575	44.433	4878.100	453.808	
Anomaly	MLOS		15	1.20	03:35	E	39.992	7.583	48.875	47.575	44.433	4878.100	453.808	
Anomaly	MLOS		15	1.50	06:25	E	31.025	18.833	50.300	49.858	50.575	5199.300	130.325	
Anomaly	MLOS		15	1.10	06:10	E	31.383	18 475	50.300	49.858	50.575	5199.300	130.325	
Anomaly	MLOS		15	1.10	06:10	E	48.650	1.208	50.300	49.858	50.575	5199.300	130.325	
Marker	AGM						30.242	19.375				5349.242	8588.867	AGM 1961+67 B.M. A037.15
Anomaly	MLOS		16	0.60	05:50	E	48 500	1.117	49.508	49.617	49 408	-30.242	8588.867	
Anomaly	MLOS		18	0.60	04:00	E	4.975	46.808	48.783	51.783	50 167	905.717	7650.742	
NCA	NCA			0.00	10:10	I	44.425	3.800	48.792	48 225	47.533	2655.125	5904.892	Mill Anomaly
Anomaly	MLOS		15	0 70	10:10	I	44.500	3.725	48.792	48 225	47.533	2655.125	5904.892	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006824

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.90	04:00	E	46.583	2.233	48.208	48.817	49.108	3799.500	4759.925	
Anomaly	MLOS		19	0 80	08:40	I	6.692	40.233	47.758	46 925	49.550	4027.975	4533.342	
Anomaly	MLOS		17	1.00	01:15	I	44.033	2.892	47.758	46.925	49.550	4027.975	4533.342	
Anomaly	MLOS		39	1 00	01:50	E	26 458	22.642	49.550	49.100	47.883	4124.450	4434.692	
Anomaly	MLOS		16	0.90	09:50	E	2.983	43.450	48.533	46.433	48.467	4345.842	4215.967	
Anomaly	MLOS		16	0.80	11:35	E	8.433	38.000	48.533	46.433	48.467	4345.842	4215.967	
Anomaly	MLOS		15	0.80	08:20	E	21 533	27.308	48 467	48.842	48.975	4440.742	4118.658	
Anomaly	MLOS		15	0.60	06:30	E	25.817	23.025	48.467	48.842	48.975	4440.742	4118.658	
Anomaly	MLOS		28	1.10	05:00	E	12.100	33.583	48.008	45.683	48.125	4684.333	3878.225	
NCA	NCA			0.00	10:20	I	44.792	0.892	48.008	45.683	48.125	4684.333	3878.225	Long Seam Anomaly
Anomaly	MLOS		23	1.10	07.00	E	42.425	5.700	45.683	48.125	49 350	4730.017	3830.100	
Anomaly	MLOS		18	0.50	06:20	E	48.417	0.333	49.292	48.750	48.233	4876.783	3682.708	
Anomaly	MLOS		17	0.90	04:30	E	28.550	19 683	48.750	48.233	50.300	4925.533	3634 475	
Anomaly	MLOS		17	1.00	06:40	E	33.475	14.758	48 750	48.233	50.300	4925.533	3634.475	
Anomaly	MLOS		24	1.10	08:10	E	1.375	48.925	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		17	1.10	07:50	E	1.850	48.450	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		36	1.20	07:55	E	8.942	41.358	48 233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		32	1.00	08:15	E	16.442	33.858	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		16	1.50	07:45	E	16.808	33.492	48.233	50.300	47.875	4973.767	3584.175	
Cluster	MLOS		30	1.80	03:40	E	25.367	24.933	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		20	1.00	03:30	E	27.133	23.167	48.233	50.300	47.875	4973.767	3584.175	
Cluster	MLOS		23	2.00	04:00	E	29.092	21.208	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		22	0.50	04:10	E	29.358	20.942	48.233	50.300	47.875	4973.767	3584.175	
Anomaly	MLOS		20	1.20	04:20	E	45.125	5.175	48.233	50.300	47.875	4973.767	3584.175	
Cluster	MLOS		15	4.50	08:10	E	5.708	42.167	50.300	47.875	51.342	5024.067	3536.300	
Anomaly	MLOS		15	0.90	04:25	E	14.467	33.408	50.300	47.875	51.342	5024.067	3536.300	
NCA	NCA			0.00	01:40	I	16.658	33.850	50.792	50.508	45.167	5560.783	2996 950	Mill Anomaly
Anomaly	MLOS		16	0.80	01:40	I	17.067	33.442	50.792	50.508	45.167	5560.783	2996.950	
Cluster	MLOS		19	3.60	04:40	E	39.817	10.708	51.808	50.525	50 008	5708.267	2849.450	
Anomaly	MLOS		15	0.90	06:55	E	35.117	16.133	50.525	51.250	47 125	6661.958	1895.033	
Anomaly	MLOS		16	0.80	05:10	E	22.067	25.058	51.250	47.125	47.367	6713.208	1847.908	
Anomaly	MLOS		17	0.80	05:35	E	22.633	24.492	51.250	47.125	47.367	6713.208	1847.908	
Cluster	MLOS		15	1.70	05:30	E	23.075	24.050	51.250	47.125	47.367	6713.208	1847.908	

EMPCO-ARKGOV006825

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0 90	07:00	E	12.308	23.267	47.033	35.575	51.858	7283.717	1288 950	
Cluster	MLOS		28	1.90	06:00	E	15.583	19.992	47 033	35.575	51.858	7283.717	1288.950	
Cluster	MLOS		17	1.20	06:10	E	15.942	19.633	47.033	35.575	51.858	7283.717	1288.950	
Anomaly	MLOS		18	0.60	06:00	E	19 242	16.333	47.033	35.575	51.858	7283.717	1288.950	
Anomaly	MLOS		15	0.90	04:25	E	6.892	44.967	35.575	51 858	46.933	7319.292	1237.092	
Anomaly	MLOS		30	1.00	03:45	E	12.133	39.725	35.575	51 858	46.933	7319.292	1237.092	
Anomaly	MLOS		24	1.30	08:45	E	33.858	10.925	46 717	44.783	47.783	7798.967	764.492	
Anomaly	MLOS		20	1.60	08:30	E	34.292	10.492	46.717	44.783	47.783	7798.967	764.492	
Anomaly	MLOS		25	1 60	08:45	E	34.825	9.958	46 717	44.783	47.783	7798.967	764.492	
Anomaly	MLOS		19	1.50	07.50	E	35.508	9.275	46.717	44.783	47.783	7798.967	764.492	
Anomaly	MLOS		17	1.20	08:15	E	36.825	7.958	46.717	44.783	47.783	7798.967	764.492	
Anomaly	MLOS		16	1.40	07:40	E	18.633	31.525	48.542	50.158	49.217	8017.667	540.417	
Anomaly	MLOS		18	0.70	08:00	E	44.408	5.750	48.542	50.158	49.217	8017.667	540.417	
Anomaly	MLOS		15	1.00	07:05	E	37.225	11.992	50.158	49.217	49.750	8067.825	491.200	
Anomaly	MLOS		15	1.50	07:15	E	37.800	11.417	50 158	49.217	49.750	8067.825	491.200	
Cluster	MLOS		17	1.40	10:45	E	43.183	4.392	50.558	47.575	50.333	8313.425	247.242	
Anomaly	MLOS		19	0.90	03:00	E	0 542	49.792	47.575	50.333	48.508	8361.000	196.908	
Anomaly	MLOS		16	1 30	08:20	E	3.008	47 325	47.575	50.333	48 508	8361.000	196.908	
Anomaly	MLOS		25	1.10	08:30	E	5.333	45.000	47.575	50.333	48.508	8361.000	196.908	
Anomaly	MLOS		28	0.60	12:35	I	0.225	38.483	51.108	38.708	48.175	8560.542	8.992	
Marker	AGM						8.992	39.183				8599.250	7383.200	AGM 1875+70 B.M A035.52 (INS)
NCA	NCA			0.00	12:20	E	27.450	15.942	48.175	43.392	43.792	39.183	7339.808	Metal In Close Proximity
Anomaly	MLOS		22	0.70	08:10	E	28.867	19.183	48.583	48.050	49.092	174.950	7199.383	
Anomaly	MLOS		15	0 60	07:35	E	36.383	11.667	48.583	48 050	49.092	174.950	7199.383	
Anomaly	MLOS		16	0.70	05:15	E	37.500	10.550	48.583	48.050	49.092	174.950	7199.383	
Anomaly	MLOS		20	0.80	03:50	E	38 942	9.108	48.583	48.050	49.092	174.950	7199.383	
Anomaly	MLOS		17	1 00	08:30	E	40.433	7.617	48.583	48 050	49.092	174.950	7199.383	
Anomaly	MLOS		20	0.90	04:40	E	40.450	7.600	48.583	48.050	49 092	174.950	7199.383	
Anomaly	MLOS		17	0.80	04:40	E	41 183	6.867	48.583	48.050	49.092	174.950	7199.383	
Anomaly	MLOS		24	1.00	05:50	E	46.900	2.192	48.050	49.092	45.108	223 000	7150 292	
Anomaly	MLOS		19	0.90	06:50	E	48.725	0.367	48 050	49.092	45.108	223.000	7150 292	
Anomaly	MLOS		20	1.00	06:45	E	29.850	21.783	48.500	51.633	49.033	454.000	6916.750	
Anomaly	MLOS		15	0.90	06:50	E	31.800	19.833	48.500	51.633	49.033	454.000	6916.750	

EMPCO-ARKGOV006826

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0 30	06:35	I	47.483	1.550	51.633	49.033	47 475	505.633	6867.717	
Anomaly	MLOS		16	0.80	06:25	E	33.183	14.292	49.033	47.475	50.375	554 667	6820.242	
Anomaly	MLOS		22	0 70	05:30	E	1.650	48.725	47.475	50.375	47.292	602.142	6769.867	
Anomaly	MLOS		15	0.90	07:50	E	25.158	25.217	47.475	50.375	47.292	602.142	6769.867	
Cluster	MLOS		17	3.10	03.15	E	19.942	30 258	50.458	50.200	49.925	750.267	6621.917	
Anomaly	MLOS		15	0.90	08:10	E	21.217	28.983	50.458	50.200	49.925	750.267	6621.917	
Anomaly	MLOS		24	1.50	10:20	E	13.175	35.592	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		16	0.80	09:50	E	14.450	34.317	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		21	1.10	10:20	E	18.042	30.725	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		21	1.00	09:50	E	19.058	29.708	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		18	1.00	09:10	E	19.158	29.608	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		19	1.10	08:15	E	40.733	8.033	49.925	48.767	50.725	850.392	6523.225	
Anomaly	MLOS		22	1.20	07:45	E	39.683	11.042	48.767	50.725	50.150	899.158	6472.500	
Anomaly	MLOS		15	0.80	07:40	E	42.550	8.175	48.767	50.725	50.150	899.158	6472.500	
Anomaly	MLOS		20	0.90	07:25	E	45.025	5.700	48.767	50.725	50.150	899 158	6472.500	
Anomaly	MLOS		15	0.70	06:15	E	23.075	26.583	50.867	49.658	46.983	1383.150	5989.575	
Cluster	MLOS		15	2 50	10:55	E	39.492	7.333	48.433	46.825	45.550	1874.408	5501.150	
Cluster	MLOS		27	2.20	09:45	I	25.583	22 225	46.533	47.808	41.467	2189.883	5184.692	
Anomaly	MLOS		15	0.70	09:20	I	34.483	13.325	46.533	47.808	41.467	2189.883	5184.692	
Anomaly	MLOS		17	0.90	06:10	I	33.750	13 950	48.317	47.700	51.408	2357.233	5017.450	
Cluster	MLOS		18	1.70	07:10	E	12.358	36.908	49.358	49.267	48.658	2640.867	4732.250	
Anomaly	MLOS		20	0.90	03:55	E	13.200	36.067	49.358	49.267	48.658	2640.867	4732.250	
Anomaly	MLOS		21	1.90	07:35	E	14.200	35.067	49 358	49.267	48.658	2640.867	4732.250	
Anomaly	MLOS		15	0 70	07:50	E	15.367	33.900	49.358	49.267	48.658	2640.867	4732.250	
Cluster	MLOS		30	2 90	07:25	E	16.517	32.750	49.358	49.267	48.658	2640.867	4732.250	
Anomaly	MLOS		17	0.30	05:10	I	39.775	9.492	49.358	49.267	48.658	2640.867	4732.250	
Anomaly	MLOS		17	0.60	07:30	E	43.667	5.600	49.358	49.267	48.658	2640.867	4732.250	
Cluster	MLOS		16	1.70	06:45	E	48.417	1.125	44.942	49.542	49.417	3490.950	3881.892	
Anomaly	MLOS		16	1.00	06:35	E	20.050	30.833	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		16	1.20	07:10	E	28.850	22 033	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		15	0 50	07:00	E	29.042	21.842	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		15	1 20	07:35	E	31.150	19.733	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		18	0.90	07:45	E	31.408	19.475	49.775	50.883	41.242	3772.167	3599 333	

EMPCO-ARKGOV006827

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.20	07:20	E	31 967	18.917	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		18	0.90	07:40	E	32.533	18.350	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		18	0.90	08:10	E	32.808	18.075	49.775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		16	1.00	07:30	E	34.017	16 867	49.775	50.883	41 242	3772.167	3599.333	
Anomaly	MLOS		16	1.00	07.10	E	34.175	16.708	49 775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		24	0.80	04.25	E	36.750	14.133	49 775	50.883	41.242	3772.167	3599.333	
Anomaly	MLOS		15	0.50	05:10	E	0.483	40.758	50 883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		21	0.80	06:10	E	5.883	35.358	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		15	0.80	05:10	E	6.050	35.192	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		15	0.90	06:15	E	6.550	34.692	50 883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		15	0.80	05:30	E	7.117	34.125	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		29	1.00	06:10	E	7.250	33.992	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		21	0.60	05:50	E	7.533	33.708	50.883	41 242	47.467	3823.050	3558.092	
Anomaly	MLOS		15	1.20	05:10	E	8.233	33.008	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		22	0.80	05:10	E	9.708	31.533	50.883	41.242	47.467	3823.050	3558.092	
Anomaly	MLOS		19	0.70	05:20	E	45.167	2.300	41.242	47.467	50.308	3864.292	3510.625	
Anomaly	MLOS		17	0 60	06:20	E	46.750	0.717	41.242	47.467	50.308	3864.292	3510.625	
Anomaly	MLOS		16	0.50	06:15	E	4.775	45.533	47 467	50.308	47 350	3911.758	3460.317	
Anomaly	MLOS		16	0.90	07:20	E	24.600	25.708	47 467	50.308	47.350	3911.758	3460.317	
Anomaly	MLOS		19	1 50	05:30	E	36.192	14.117	47.467	50.308	47.350	3911.758	3460.317	
Anomaly	MLOS		15	0.80	05:35	E	36.792	13.517	47.467	50.308	47.350	3911.758	3460.317	
Anomaly	MLOS		17	0.50	03:15	I	10.975	39.075	47.217	50.050	48.850	4098.150	3274.183	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0.70	05:40	E	6.800	36.475	46.825	43.275	50.058	4584.333	2794.775	
Anomaly	MLOS		15	0 50	03:10	E	38.167	10.567	49.600	48.733	49.892	5270.867	2102.783	
Anomaly	MLOS		15	1.30	03:45	E	38.367	10.367	49.600	48 733	49.892	5270.867	2102 783	
NCA	NCA			0.00	04:30	I	7.658	39.350	50.642	47.008	49.367	5656.008	1719.367	Mill Anomaly
Cluster	MLOS		20	2.30	03:35	E	34.092	7.775	46.608	41.867	49.508	6185.092	1195.425	
Cluster	MLOS		16	1.70	06:00	E	34.142	7.725	46.608	41.867	49.508	6185.092	1195.425	
Cluster	MLOS		21	0.90	06:05	E	37.092	4.775	46.608	41.867	49.508	6185.092	1195.425	
Anomaly	MLOS		19	0.70	11:50	E	24 892	22.600	49.783	47.492	40.200	6880.575	494.317	
Anomaly	MLOS		19	0.80	04:20	E	38.808	1.392	47.492	40.200	40.300	6928.067	454.117	
Anomaly	MLOS		16	0.60	06:55	E	25.675	19 208	47.717	44.883	45.858	7103.542	273.958	
Anomaly	MLOS		22	0.60	06:10	I	40.175	5.683	44.883	45.858	47.025	7148.425	228.100	

EMPCO-ARKGOV006828

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Marker	AGM	(b) (7)(F)					11.142	38.508				7411.242	7997.742	AGM 1801+35 B.M. A034.11
Cluster	MLOS		16	3.10	05:50	E	25.642	21.342	45.033	46.983	45.225	1132.308	6856.958	
Anomaly	MLOS		17	2.70	10:30	E	36.208	9.017	46.983	45.225	47.475	1179.292	6811.733	
NCA	NCA			0.00	10:45	I	44.233	0.992	46.983	45.225	47.475	1179.292	6811 733	Mill Anomaly
Anomaly	MLOS		35	0.70	06.25	E	32.933	12.650	47.442	45.583	50.958	1319.433	6671.233	
Cluster	MLOS		20	2.00	06:55	E	34 250	11.333	47.442	45.583	50 958	1319.433	6671.233	
Anomaly	MLOS		15	0.70	06:50	E	37.167	8.417	47.442	45 583	50.958	1319.433	6671.233	
Cluster	MLOS		18	1.10	06:30	E	37.700	7.883	47.442	45 583	50.958	1319.433	6671.233	
Anomaly	MLOS		17	0.60	07:05	E	19.567	31.392	45.583	50.958	42.667	1365.017	6620.275	
Anomaly	MLOS		15	0.70	06:40	E	19.783	31.175	45.583	50.958	42.667	1365.017	6620 275	
Anomaly	MLOS		17	1.20	10:30	E	2.408	40.258	50.958	42.667	45.892	1415.975	6577.608	
Anomaly	MLOS		17	0.60	06:35	E	24.575	18.092	50.958	42.667	45.892	1415.975	6577.608	
Anomaly	MLOS		23	0.60	05:35	E	39.958	5.933	42.667	45.892	46.658	1458.642	6531 717	
Anomaly	MLOS		17	1.00	06:40	E	40.850	5.042	42.667	45 892	46.658	1458.642	6531.717	
Anomaly	MLOS		17	0 80	06:30	E	10.242	36.417	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		21	0.50	06:55	E	18.717	27.942	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		18	0.90	06:45	E	21.058	25.600	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		17	0.70	07:40	E	22.017	24.642	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		26	0.80	06:45	E	22.342	24.317	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		20	0.60	06:50	E	24.333	22.325	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		19	0.90	06:50	E	24.692	21.967	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		23	0.80	06:50	E	30.525	16.133	45.892	46 658	37.767	1504.533	6485.058	
Cluster	MLOS		32	1 20	06:35	E	40.650	6.008	45.892	46 658	37.767	1504.533	6485.058	
Anomaly	MLOS		26	0 90	06:25	E	42.475	4.183	45.892	46 658	37.767	1504.533	6485.058	
Anomaly	MLOS		17	1 50	06:50	E	45.817	0.842	45.892	46.658	37.767	1504.533	6485.058	
Anomaly	MLOS		23	1.00	06:45	E	30 758	7.008	46.658	37.767	46.492	1551.192	6447.292	
Anomaly	MLOS		17	0.70	06:05	E	32.242	5.525	46.658	37.767	46.492	1551.192	6447.292	
Cluster	MLOS		23	2.80	06:25	E	14.275	32.217	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		22	0.80	06:45	E	14.575	31.917	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		18	0.80	06:20	E	15.692	30.800	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		19	1.40	05:40	E	16.558	29.933	37.767	46.492	46.358	1588.958	6400.800	
Cluster	MLOS		20	3.10	06:30	E	16.708	29.783	37.767	46.492	46.358	1588.958	6400.800	
Cluster	MLOS		18	2.40	06:20	E	17.042	29.450	37.767	46.492	46.358	1588.958	6400.800	

EMPCO-ARKGOV006829

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		19	0.60	06.30	E	17.383	29.108	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		17	0 60	06.00	E	17.917	28.575	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		18	0.60	06.40	E	18.425	28.067	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		17	1.10	06:00	E	18.442	28.050	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		23	0.60	06:10	E	20 992	25.500	37.767	46.492	46 358	1588.958	6400.800	
Anomaly	MLOS		16	0.80	06:10	E	23.692	22.800	37.767	46 492	46 358	1588.958	6400.800	
Anomaly	MLOS		15	1.10	06:20	E	25.975	20.517	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		21	0.90	06:40	E	29.825	16.667	37.767	46 492	46.358	1588.958	6400.800	
Anomaly	MLOS		15	0.80	05:40	E	30.200	16.292	37.767	46.492	46.358	1588.958	6400.800	
Anomaly	MLOS		18	0.90	06.10	E	30.550	15.942	37.767	46 492	46.358	1588.958	6400.800	
Anomaly	MLOS		15	1.00	08:55	E	11.892	38.067	46.358	49 958	48.350	1681.808	6304.483	
Cluster	MLOS		17	2.40	09:00	E	13.250	36.708	46.358	49.958	48.350	1681.808	6304.483	
Anomaly	MLOS		15	1.10	05:35	E	9.375	41.042	43.283	50 417	48.225	1869.325	6116.508	
Cluster	MLOS		20	0 90	07:35	E	43.917	6.500	43.283	50.417	48.225	1869.325	6116.508	
Anomaly	MLOS		24	0.80	06:20	E	13 250	34 975	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		17	0.80	06:25	E	16.275	31.950	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		15	0.80	06:10	E	27.167	21.058	50.417	48.225	48 358	1919.742	6068.283	
Anomaly	MLOS		15	0.60	06:35	E	35.325	12.900	50.417	48.225	48.358	1919.742	6068.283	
Cluster	MLOS		16	2.10	05:50	E	36.658	11.567	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		29	0.90	06:50	E	37.225	11.000	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		16	0.90	06:40	E	37.417	10 808	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		17	0.70	06:45	E	38.975	9.250	50.417	48.225	48 358	1919.742	6068.283	
Anomaly	MLOS		17	0.80	06:10	E	40.942	7.283	50.417	48 225	48.358	1919.742	6068.283	
Anomaly	MLOS		18	0.70	06:30	E	43.300	4.925	50.417	48.225	48.358	1919.742	6068.283	
Anomaly	MLOS		19	0.80	06:25	E	47.342	0.883	50.417	48.225	48.358	1919.742	6068.283	
Cluster	MLOS		42	1.50	06:40	E	0.975	47.383	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		24	0.70	06:25	E	2.983	45 375	48.225	48.358	51.383	1967.967	6019.925	
Cluster	MLOS		36	2.30	06:50	E	3.567	44.792	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		16	1.10	06:45	E	3.900	44.458	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		22	1.40	06:50	E	6 217	42 142	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		15	1.10	07:25	E	11.492	36.867	48.225	48.358	51.383	1967.967	6019.925	
Cluster	MLOS		20	2.50	06:45	E	15.858	32.500	48.225	48.358	51.383	1967.967	6019.925	
Cluster	MLOS		25	1 90	06:10	E	17.508	30.850	48.225	48.358	51 383	1967.967	6019.925	

EMPCO-ARKGOV006830

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS		31	2.30	06:45	E	18.108	30.250	48.225	48.358	51.383	1967.967	6019.925	
Cluster	MLOS		21	1.20	06:45	E	18.525	29.833	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		30	0.70	06:35	E	21.850	26.508	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		16	1.40	06:30	E	22.392	25.967	48.225	48.358	51 383	1967.967	6019.925	
Cluster	MLOS		15	2.60	06:50	E	28.192	20.167	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		21	1.30	06:30	E	33.625	14 733	48.225	48.358	51.383	1967.967	6019.925	
Anomaly	MLOS		15	0.50	06:00	E	44.500	3.858	48.225	48.358	51 383	1967.967	6019.925	
Cluster	MLOS		15	2.30	06.35	E	21.667	29.717	48.358	51.383	44.958	2016.325	5968.542	
Cluster	MLOS		17	1.10	06:00	E	24.342	27.042	48.358	51.383	44.958	2016.325	5968.542	
Anomaly	MLOS		19	0.70	05:40	E	24.492	26.892	48.358	51.383	44.958	2016.325	5968.542	
Cluster	MLOS		19	1 40	05:50	E	24.725	26.658	48.358	51.383	44.958	2016.325	5968.542	
Anomaly	MLOS		17	0.80	05:50	E	25.850	25.533	48.358	51.383	44.958	2016.325	5968.542	
Anomaly	MLOS		15	1 30	06:00	E	27.283	24 100	48.358	51.383	44.958	2016.325	5968.542	
Anomaly	MLOS		30	0.70	06:25	E	28.017	23.367	48.358	51.383	44.958	2016.325	5968 542	
Anomaly	MLOS		19	1.20	06:20	E	28.667	22.717	48.358	51.383	44.958	2016.325	5968.542	
Anomaly	MLOS		17	0 60	06:25	E	30.733	20.650	48.358	51 383	44.958	2016.325	5968.542	
Anomaly	MLOS		17	1.10	05:55	E	33.708	17.675	48.358	51.383	44.958	2016.325	5968.542	
NCA	NCA			0.00	02:40	E	13.875	34.208	46.958	48.083	37.583	2257.717	5730.450	Metal In Close Proximity
Anomaly	MLOS		18	0.80	08:20	E	20.625	16.958	48.083	37.583	47.992	2305.800	5692.867	
Anomaly	MLOS		16	0.60	12:35	E	27.000	23.100	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		15	0.60	11:45	E	27.625	22.475	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		23	0.80	09:35	E	36.058	14.042	47 992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		19	1.00	04:15	E	37.358	12.742	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		21	0.80	04:20	E	41.408	8.692	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		20	0.80	05:20	E	47.792	2.308	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		25	0.90	06:30	E	48.742	1.358	47.992	50.100	47.033	2391.375	5594.775	
Anomaly	MLOS		15	0.60	07:50	E	24.908	22.125	50.100	47.033	49.150	2441.475	5547.742	
Anomaly	MLOS		16	0.50	04:40	E	36.333	10.700	50.100	47.033	49.150	2441.475	5547.742	
Anomaly	MLOS		16	0.90	05:30	E	37.975	11.175	47.033	49.150	47 517	2488.508	5498.592	
Anomaly	MLOS		24	0.70	10:30	E	38.550	10.600	47.033	49.150	47.517	2488.508	5498.592	
Anomaly	MLOS		15	1.00	08:20	E	39.125	10.025	47.033	49.150	47.517	2488.508	5498.592	
Cluster	MLOS		15	2.30	05:50	E	22.858	24.658	49.150	47.517	50.217	2537.658	5451.075	
Anomaly	MLOS		19	1 40	06:15	E	27.008	20.508	49.150	47.517	50.217	2537.658	5451.075	

EMPCO-ARKGOV006831

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	21	1.20	06:25	E	27.492	20.025	49.150	47.517	50.217	2537.658	5451.075	
Anomaly	MLOS		16	1.00	04:05	E	47.025	3.192	47.517	50.217	50.467	2585.175	5400.858	
Anomaly	MLOS		18	0.40	06:25	E	2.975	47.492	50.217	50.467	49.558	2635.392	5350.392	
Anomaly	MLOS		16	0.60	06:45	E	3.775	46.692	50.217	50.467	49.558	2635.392	5350.392	
Anomaly	MLOS		19	1.20	03:40	E	1.633	47.925	50.467	49.558	45.775	2685.858	5300.833	
Anomaly	MLOS		15	0.80	04:10	E	1.883	47.675	50.467	49.558	45.775	2685.858	5300.833	
Anomaly	MLOS		20	1 10	02:50	E	8.150	41.408	50.467	49.558	45.775	2685.858	5300.833	
Anomaly	MLOS		29	0 90	04:00	I	47.225	2.333	50.467	49.558	45.775	2685.858	5300 833	
Anomaly	MLOS		20	1.10	01:30	E	7.633	38 142	49.558	45.775	49.858	2735.417	5255 058	
Cluster	MLOS		23	1.80	12:00	E	7.883	37.892	49.558	45.775	49.858	2735.417	5255.058	
Anomaly	MLOS		18	1.10	11:40	E	8.350	37.425	49.558	45.775	49.858	2735.417	5255.058	
Anomaly	MLOS		15	0.90	11:10	E	9.700	36.075	49.558	45.775	49.858	2735.417	5255.058	
Anomaly	MLOS		15	0 70	12:45	E	9 792	35.983	49.558	45.775	49.858	2735.417	5255.058	
Anomaly	MLOS		18	0 90	01:20	E	10.158	35.617	49.558	45.775	49.858	2735.417	5255.058	
Cluster	MLOS		15	2.20	02:00	E	5.750	40.933	49.858	46.683	48 458	2831.050	5158.517	
Anomaly	MLOS		15	1.70	06:15	E	45.517	2.467	46.542	47.983	47.825	3828.450	4159.817	
Cluster	MLOS		20	2.40	06:20	E	0 142	47.683	47.983	47.825	50.392	3876.433	4111.992	
Anomaly	MLOS		24	1.50	06:10	E	0.475	47 350	47.983	47.825	50.392	3876.433	4111.992	
Cluster	MLOS		15	2 90	06:10	E	1.500	46.325	47.983	47.825	50.392	3876.433	4111.992	
Anomaly	MLOS		20	2.10	06:05	E	1 950	45 875	47.983	47.825	50.392	3876.433	4111.992	
Anomaly	MLOS		15	0.60	06:10	E	33.892	16.150	48.025	50.042	51.025	4115.808	3870.400	
Anomaly	MLOS		18	1.20	06:05	E	12 683	38.342	50.042	51.025	45.550	4165.850	3819.375	
Anomaly	MLOS		24	1.10	07:05	E	31.600	9.992	45.550	41.592	45.625	4262.425	3732.233	
Anomaly	MLOS		15	0.30	08:00	E	47.942	3.550	46.533	51 492	47.875	4444.892	3539 867	
Anomaly	MLOS		15	1 00	03:05	E	40 783	7.092	51.492	47.875	42.125	4496.383	3491.992	
Anomaly	MLOS		15	0.80	02:25	E	41.658	6.217	51 492	47.875	42.125	4496.383	3491.992	
Cluster	MLOS		17	1.40	06:25	E	0.292	41.833	47.875	42.125	46 300	4544.258	3449.867	
Cluster	MLOS		25	1.70	05:10	E	0.367	41.758	47.875	42.125	46.300	4544.258	3449.867	
Anomaly	MLOS		25	1.20	06:05	E	32.525	9.600	47.875	42.125	46.300	4544.258	3449.867	
Anomaly	MLOS		18	0.90	12:45	E	26.067	20.233	42.125	46.300	46.900	4586.383	3403.567	
NCA	NCA			0.00	10:40	E	28.667	19.050	44.933	47.717	47.608	4903.117	3085.417	Metal In Close Proximity
NCA	NCA			0.00	12:00	E	37.342	10.375	44.933	47.717	47.608	4903.117	3085.417	Metal In Close Proximity
Anomaly	MLOS		16	0 70	07:05	E	15.075	32.533	47.717	47.608	50.075	4950.833	3037.808	

EMPCO-ARKGOV006832

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.60	03:30	E	15.742	31.867	47.717	47.608	50.075	4950.833	3037.808	
Cluster	MLOS		21	4.40	07.20	E	15.933	31.675	47.717	47 608	50.075	4950.833	3037.808	
Cluster	MLOS		23	6 00	03:20	E	16.842	30.767	47.717	47.608	50.075	4950.833	3037.808	
Cluster	MLOS		20	4.40	04.30	E	17.117	30.492	47.717	47.608	50.075	4950.833	3037.808	
Anomaly	MLOS		18	0 50	04:00	E	17.283	30.325	47.717	47.608	50.075	4950.833	3037.808	
Cluster	MLOS		26	4.60	03:20	E	17.450	30.158	47.717	47.608	50.075	4950.833	3037 808	
Anomaly	MLOS		19	0.70	04:40	E	17.983	29.625	47.717	47.608	50.075	4950.833	3037 808	
Cluster	MLOS		18	3 20	06:10	E	48.975	1.100	47.608	50.075	45.458	4998.442	2987.733	
Anomaly	MLOS		19	1.30	05:35	E	20.825	29.483	43.858	50.308	48.025	5137.833	2848.108	
Anomaly	MLOS		22	0.90	06 00	E	22 900	27.408	43.858	50.308	48.025	5137.833	2848.108	
Anomaly	MLOS		15	1.30	04:20	E	29 617	20.692	43.858	50.308	48.025	5137.833	2848.108	
Anomaly	MLOS		23	0.60	06:40	E	34.850	15.458	43.858	50.308	48.025	5137.833	2848.108	
Anomaly	MLOS		18	0.50	05:50	E	5.525	42 500	50.308	48.025	46.117	5188.142	2800.083	
Anomaly	MLOS		21	0.60	06:30	E	21.067	26.958	50.308	48.025	46.117	5188.142	2800.083	
NCA	NCA			0.00	04:05	I	13.350	33.808	48.083	47.158	49.208	5330.367	2658.725	Mill Anomaly
Anomaly	MLOS		15	0.70	05:30	E	32.200	15.392	47.917	47.592	48.150	5707.550	2281.108	
Anomaly	MLOS		19	1.30	07:25	E	33.725	14.858	46.142	48.583	48.108	6273.525	1714.142	
Anomaly	MLOS		16	1.20	04:00	E	1.925	41.767	48.108	43.692	46.258	6370.217	1622.342	
Anomaly	MLOS		16	1.80	07:40	E	43.133	0.558	48.108	43.692	46.258	6370.217	1622.342	
Anomaly	MLOS		16	1.00	08:15	E	12.208	34.050	43.692	46.258	37.192	6413.908	1576.083	
NCA	NCA			0.00	04:00	I	29 525	17.150	45.058	46.675	45.150	6838.250	1151.325	Mill Anomaly
Anomaly	MLOS		19	1.50	07:05	I	16.375	34.658	42.483	51.033	47.258	7698.258	286.958	
Marker	AGM						0.558	47.350				8035.692	5098.133	AGM 1721+05 B.M. A032.59
Anomaly	MLOS		22	1.20	06:00	E	41.867	8.408	47.350	50.275	33.233	94.700	5000.508	
NCA	NCA			0.00	11:10	I	18.658	30.658	46.700	49.317	30.500	366.408	4729.758	Mill Anomaly
NCA	NCA			0.00	05:50	E	23.300	26.017	46.700	49.317	30.500	366.408	4729.758	Metal In Close Proximity
NCA	NCA			0.00	10:45	I	15.908	30.583	32 342	46.492	45.100	478.567	4620.425	Long Seam Anomaly
Anomaly	MLOS		15	0.70	06:10	E	25.658	20.808	46 775	46.467	44.667	1160.892	3938.125	
Anomaly	MLOS		17	0.90	06:30	E	25 858	20.608	46 775	46.467	44.667	1160.892	3938.125	
Anomaly	MLOS		15	0.60	04:55	E	43.008	5.050	44.667	48.058	46.350	1252.025	3845.400	
Cluster	MLOS		20	1.40	02:25	E	2.000	45.792	46.883	47.792	40.333	1393.317	3704.375	
Anomaly	MLOS		19	0.80	06:05	I	25.083	23.808	49.425	48.892	51.433	1530.867	3565.725	
Anomaly	MLOS		15	0.60	07:40	E	36.908	14.525	48.892	51.433	46.117	1579.758	3514.292	

EMPCO-ARKGOV006833

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		18	0.70	03:30	E	0.567	47.475	49.658	48.042	49.108	1726.967	3370.475	
Anomaly	MLOS		15	0.70	05:15	E	45 067	2.975	49.658	48.042	49.108	1726.967	3370.475	
Anomaly	MLOS		15	0.50	12:30	I	41.908	7.058	45.758	48 967	49.442	1960.142	3136 375	
Anomaly	MLOS		20	0.60	05:30	E	25.875	22 733	41.483	48.608	49.525	2242.683	2854.192	
Anomaly	MLOS		18	0.80	05.20	E	29.142	19.467	41 483	48.608	49.525	2242.683	2854.192	
NCA	NCA			0.00	06:55	I	32.550	14.683	46.108	47.233	47.725	2386.925	2711.325	Mill Anomaly
NCA	NCA			0.00	11:05	I	27.100	21.717	50.750	48.817	50.225	2825.592	2271.075	Long Seam Anomaly
Anomaly	MLOS		16	0.80	05:50	E	11.325	38.900	48.817	50.225	48.758	2874.408	2220.850	
NCA	NCA			0.00	12:20	I	9.758	37.792	47.008	47.550	47.900	3020.400	2077.533	Long Seam Anomaly
Anomaly	MLOS		20	0.70	06:05	E	13.108	32.700	48.292	45.808	36.883	3258.158	1841.517	
Anomaly	MLOS		19	1.00	12:00	E	25.767	20.042	48.292	45 808	36.883	3258.158	1841.517	
Anomaly	MLOS		15	0.50	05:35	E	27.100	18.708	48.292	45.808	36.883	3258.158	1841.517	
Cluster	MLOS		27	6.50	05:50	E	28.258	17.550	48 292	45.808	36.883	3258.158	1841.517	
Anomaly	MLOS		15	0.90	06:05	E	34.508	11.300	48.292	45.808	36.883	3258.158	1841.517	
Anomaly	MLOS		15	0.50	06:20	E	34.942	10.867	48.292	45.808	36.883	3258.158	1841.517	
Anomaly	MLOS		15	0.80	09:45	I	39.025	6.783	48.292	45.808	36 883	3258.158	1841.517	
NCA	NCA			0.00	01:30	E	31.292	5.592	45 808	36.883	48.942	3303.967	1804.633	Metal In Close Proximity
Anomaly	MLOS		29	0.70	01:20	E	33.967	2.917	45.808	36.883	48.942	3303.967	1804.633	
Cluster	MLOS		15	1.90	02:50	E	20.650	28.875	45.183	49.525	46.400	3531.367	1564.592	
Cluster	MLOS		21	2.90	01:20	E	22.142	24.258	49 525	46.400	46.192	3580.892	1518.192	
Cluster	MLOS		16	1.60	11:05	E	27.075	19 325	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		16	0.60	06:20	E	27.125	19.275	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		15	1.10	11:45	E	29.442	16.958	49.525	46.400	46.192	3580.892	1518.192	
Cluster	MLOS		22	2.90	06:15	E	29.967	16.433	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		16	1.50	06:10	E	30.408	15.992	49.525	46.400	46.192	3580.892	1518.192	
Cluster	MLOS		21	2.20	11:20	E	31.017	15.383	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		17	1.10	06:10	E	31.442	14.958	49.525	46 400	46 192	3580.892	1518.192	
Anomaly	MLOS		22	1.00	11:40	E	31.517	14 883	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		17	0.70	06:20	E	32.108	14.292	49.525	46.400	46.192	3580.892	1518.192	
Anomaly	MLOS		18	1.00	06:20	E	32.317	14.083	49.525	46.400	46.192	3580.892	1518.192	
Cluster	MLOS		19	1.70	06:00	E	41.675	4.725	49.525	46.400	46 192	3580.892	1518.192	
Anomaly	MLOS		17	0.80	05:40	E	3.300	42 892	46.400	46.192	47.983	3627.292	1472.000	
Anomaly	MLOS		19	0.60	04:50	E	13.158	33.033	46.400	46.192	47.983	3627.292	1472.000	

EMPCO-ARKGOV006834

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		15	0.50	05:40	E	41.058	5.133	46.400	46.192	47.983	3627.292	1472.000	
Cluster	MLOS		17	2.20	05.30	E	21.217	25.883	46 883	47.100	49.042	3863.133	1235.250	
Anomaly	MLOS		17	0.50	05:35	E	21.983	25.117	46.883	47.100	49.042	3863.133	1235.250	
Cluster	MLOS		16	1.50	04.55	E	22.892	24.208	46.883	47.100	49.042	3863.133	1235.250	
Cluster	MLOS		16	1.40	05:35	E	23.308	23.792	46.883	47.100	49.042	3863.133	1235.250	
Anomaly	MLOS		15	1 10	05:30	E	23.550	23.550	46.883	47.100	49.042	3863.133	1235.250	
Cluster	MLOS		30	1.30	05:55	E	23.917	23.183	46.883	47.100	49.042	3863.133	1235.250	
Anomaly	MLOS		18	0.60	05:55	E	24.167	22.933	46 883	47.100	49.042	3863.133	1235.250	
Anomaly	MLOS		19	0.80	05:35	E	40.450	6.650	46.883	47.100	49.042	3863.133	1235.250	
Anomaly	MLOS		18	1.00	06:15	E	1.167	47.875	47.100	49.042	48.517	3910.233	1186.208	
Anomaly	MLOS		15	0.90	05:50	E	1.950	47.092	47.100	49.042	48.517	3910.233	1186.208	
Anomaly	MLOS		16	0.70	06:10	E	11.925	37.117	47.100	49.042	48.517	3910.233	1186 208	
Anomaly	MLOS		16	0.80	06:10	E	12.350	36.692	47.100	49.042	48.517	3910.233	1186.208	
Anomaly	MLOS		18	0.60	05:30	E	13.817	35.225	47.100	49.042	48.517	3910.233	1186.208	
Anomaly	MLOS		23	0.50	05:50	E	0.375	48.142	49.042	48.517	45.525	3959.275	1137.692	
Anomaly	MLOS		15	0.90	06:25	E	14.467	34.050	49.042	48.517	45.525	3959.275	1137.692	
Anomaly	MLOS		15	0.60	11:10	E	32.825	15.692	49.042	48.517	45.525	3959.275	1137.692	
Anomaly	MLOS		18	0 70	05:25	E	16.225	32.208	47 958	48.433	50.567	4376.158	720.892	
Anomaly	MLOS		16	0 70	06:40	E	32.283	17.367	50.783	49.650	45.625	4575.567	520.267	
Anomaly	MLOS		16	0.70	05:35	E	46 092	1.725	49.725	47.817	46.775	4720.567	377.100	
Anomaly	MLOS		18	0.90	06:10	E	36.083	14.142	50.450	50.225	50.317	4911.808	183.450	
Anomaly	MLOS		15	0.50	07:20	E	33.383	16.933	50.225	50.317	50.700	4962.033	133.133	
Cluster	MLOS		23	1.90	06:05	E	8.750	41.950	50.317	50.700	44 200	5012.350	82.433	
Anomaly	MLOS		21	1.00	05:50	E	12.142	38.558	50.317	50.700	44.200	5012.350	82.433	
Anomaly	MLOS		17	0.90	06:10	E	15.083	35.617	50.317	50.700	44 200	5012.350	82.433	
Anomaly	MLOS		21	0.70	05:20	E	39.117	11.583	50.317	50.700	44.200	5012.350	82.433	
Anomaly	MLOS		16	0.60	06:40	E	20.975	23.225	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		21	0.80	05:55	E	21.250	22.950	50.700	44.200	43.808	5063.050	38.233	
Cluster	MLOS		29	1.00	06:10	E	24.400	19.800	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		22	0.90	05:40	E	24.625	19.575	50.700	44.200	43.808	5063.050	38.233	
Cluster	MLOS		15	1.70	06:15	E	25.017	19.183	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		23	0.70	05:30	E	29.683	14.517	50.700	44.200	43.808	5063.050	38.233	
Cluster	MLOS		22	2 00	06:10	E	32.283	11.917	50.700	44.200	43.808	5063.050	38.233	

EMPCO-ARKGOV006835

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	1.50	05:50	E	33.000	11.200	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		15	0.90	05:45	E	33 500	10 700	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		17	0.60	06:00	E	34.100	10 100	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		17	0.70	06:20	E	34.350	9.850	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		16	0.80	06:25	E	34.550	9.650	50.700	44.200	43.808	5063.050	38.233	
Anomaly	MLOS		15	0.60	02:40	E	34.942	9.258	50.700	44.200	43.808	5063.050	38.233	
NCA	NCA			0.00	05:45	E	5.783	38 025	44.200	43.808	48.767	5107.250	-5.575	Metal In Close Proximity
Marker	AGM						38.233	5.575				5107.250	3814.600	AGM 1669+72 B.M A031.62 (INS)
Anomaly	MLOS		22	1.00	06:20	E	20.792	28.875	48.192	49.667	50 875	153.550	3616.958	
Anomaly	MLOS		16	0.70	07:00	E	20.900	28 767	48.192	49 667	50.875	153.550	3616.958	
Anomaly	MLOS		19	1.30	05:25	E	28.800	20 867	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		28	2.20	05:55	E	30.508	19.158	48 192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		19	1.00	04:55	E	30 658	19.008	48 192	49.667	50 875	153.550	3616.958	
Anomaly	MLOS		18	1.60	04:30	E	31.567	18.100	48.192	49.667	50.875	153 550	3616.958	
Anomaly	MLOS		15	0.60	04:15	E	31 950	17.717	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		18	1.40	05:40	E	39.508	10.158	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		16	1.20	06:10	E	39.908	9.758	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		19	1.60	04:55	E	40.867	8.800	48.192	49.667	50.875	153.550	3616.958	
Cluster	MLOS		20	0.90	06:20	E	41 667	8.000	48.192	49.667	50.875	153 550	3616.958	
Anomaly	MLOS		30	0.90	05:40	E	41.708	7.958	48.192	49.667	50 875	153.550	3616.958	
Anomaly	MLOS		22	1.30	05:55	E	42.833	6.833	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		17	1.00	05:40	E	43.667	6.000	48.192	49.667	50.875	153.550	3616.958	
Cluster	MLOS		17	1.30	06:10	E	44.983	4.683	48.192	49.667	50.875	153.550	3616.958	
Anomaly	MLOS		17	1.00	05:00	E	12.367	38.508	49.667	50.875	49.625	203 217	3566.083	
Anomaly	MLOS		17	0.90	05:05	E	12.833	38 042	49.667	50.875	49.625	203.217	3566.083	
Cluster	MLOS		16	1.30	04:00	E	44.367	6.508	49.667	50.875	49.625	203.217	3566.083	
Anomaly	MLOS		15	0.90	05:15	E	48.167	2.708	49.667	50.875	49.625	203.217	3566.083	
Anomaly	MLOS		15	0.90	05:30	E	15.808	33.817	50.875	49.625	45.467	254.092	3516.458	
Anomaly	MLOS		17	1.30	06:00	E	17.117	32.508	50 875	49.625	45.467	254.092	3516 458	
Cluster	MLOS		16	2.40	05:15	E	17.950	31.675	50 875	49.625	45.467	254.092	3516 458	
Anomaly	MLOS		20	1.20	05:35	E	24.225	25.400	50 875	49.625	45.467	254.092	3516.458	
Anomaly	MLOS		17	0.80	04:25	E	30.800	14.667	49.625	45.467	50 133	303.717	3470.992	
Anomaly	MLOS		15	0.40	06:50	E	11.833	38.300	45.467	50.133	42.633	349 183	3420.858	

EMPCO-ARKGOV006836

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	17	0.80	05:15	E	12 908	37.225	45 467	50 133	42.633	349 183	3420.858	
Cluster	MLOS		23	1 50	12:20	I	46.517	1.817	49.200	48.333	45 742	626.675	3145.167	
Anomaly	MLOS		17	0.80	06:55	E	21.208	23 233	45.183	44.442	49.408	809.558	2966.175	
Anomaly	MLOS		18	1.10	06:25	E	22.450	25.850	48.258	48.300	48.817	1275.692	2496.183	
Anomaly	MLOS		17	0.70	06:40	E	9.208	33.725	44.233	42.933	48.558	1417.042	2360.200	
Cluster	MLOS		15	2.30	06:45	E	9.483	33.450	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		15	1.10	06:00	E	9.708	33.225	44.233	42.933	48.558	1417.042	2360 200	
Anomaly	MLOS		15	1.10	06:25	E	10.067	32.867	44.233	42.933	48.558	1417.042	2360.200	
Cluster	MLOS		19	1 60	06.35	E	10.583	32.350	44 233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		25	0.80	06:15	E	11.108	31.825	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		18	0.80	06:15	E	11 325	31.608	44.233	42.933	48.558	1417.042	2360.200	
Cluster	MLOS		28	1 50	06:35	E	13.417	29.517	44 233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		17	0.60	06:35	E	13.808	29.125	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		30	1.00	06:25	E	14.758	28.175	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		18	0.80	05:55	E	19.225	23.708	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		23	0.80	06:50	E	24.742	18.192	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		16	0.80	06:50	E	26.975	15.958	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		15	0.50	06:00	E	36.017	6.917	44.233	42.933	48.558	1417.042	2360.200	
Anomaly	MLOS		24	0.80	06:25	E	3.792	44.767	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		15	0.70	05:50	E	4.125	44.433	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		18	2.10	06:10	E	4.733	43.825	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		15	1.00	06:10	E	11.908	36.650	42 933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		18	0.60	06:15	E	15.075	33.483	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		17	0.80	06:00	E	19.558	29.000	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		21	1.10	06:00	E	22.808	25.750	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		15	0.60	06:35	E	23.592	24.967	42.933	48 558	44.392	1459.975	2311.642	
Cluster	MLOS		20	1.20	06:30	E	24.725	23.833	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		20	1.30	06:15	E	25.375	23.183	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		23	0.90	06:15	E	25.592	22.967	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		15	1 60	05:45	E	28 108	20.450	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		30	1.70	06:00	E	28.525	20.033	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		32	2.40	05:50	E	29.108	19.450	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		25	2.70	06:00	E	29.425	19.133	42.933	48.558	44.392	1459.975	2311.642	

EMPCO-ARKGOV006837

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		26	0.80	06.45	E	29.467	19 092	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		28	4.00	06.20	E	29.733	18.825	42.933	48.558	44.392	1459.975	2311 642	
Cluster	MLOS		31	3.20	06:30	E	30.300	18.258	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		31	2.80	05:50	E	30.675	17.883	42.933	48.558	44.392	1459.975	2311 642	
Anomaly	MLOS		15	0.80	06.45	E	31.758	16.800	42.933	48.558	44.392	1459.975	2311 642	
Anomaly	MLOS		17	0.80	05:50	E	32.025	16.533	42 933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		21	0.60	06:10	E	32.725	15.833	42 933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		22	1.60	05:35	E	32.942	15.617	42.933	48.558	44 392	1459.975	2311.642	
Anomaly	MLOS		15	0.70	06:20	E	33.425	15.133	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		28	1.10	06:15	E	33.608	14.950	42.933	48 558	44.392	1459.975	2311.642	
Cluster	MLOS		17	2.30	06:05	E	34.875	13.683	42.933	48 558	44.392	1459.975	2311.642	
Anomaly	MLOS		22	0.50	06:05	E	35 592	12.967	42.933	48 558	44.392	1459.975	2311.642	
Anomaly	MLOS		17	0.80	05:35	E	36 183	12.375	42.933	48 558	44.392	1459.975	2311.642	
Anomaly	MLOS		16	0.50	06:10	E	37.508	11.050	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		17	2.50	06:10	E	37.808	10.750	42 933	48.558	44.392	1459.975	2311 642	
Anomaly	MLOS		21	0.60	06:35	E	37.983	10.575	42 933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		16	0.60	06:10	E	39.425	9.133	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		15	0.80	06:10	E	41.567	6.992	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		16	0.80	06:30	E	41.775	6.783	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		23	2.30	05:55	E	42.933	5.625	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		21	0 60	07:05	E	44.233	4.325	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		21	0.90	06:45	E	44.608	3.950	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		20	0.80	06:10	E	46 442	2.117	42.933	48.558	44.392	1459.975	2311.642	
Cluster	MLOS		17	1 60	06:20	E	47 825	0.733	42.933	48.558	44.392	1459.975	2311.642	
Anomaly	MLOS		18	0 70	07:00	E	1.133	43.258	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		15	0.70	06:10	E	1.183	43.208	48 558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		15	0.50	07:00	E	3 550	40 842	48.558	44.392	47 850	1508.533	2267.250	
Anomaly	MLOS		23	1.00	06:40	E	3 750	40 642	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		21	0.90	06:25	E	4.367	40.025	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		30	0.90	06:15	E	5.292	39.100	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		20	0.90	06:00	E	5.550	38.842	48.558	44.392	47.850	1508.533	2267.250	
Cluster	MLOS		33	1.80	06:10	E	5.983	38.408	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		18	0.60	06:10	E	6.367	38.025	48.558	44.392	47.850	1508.533	2267.250	

EMPCO-ARKGOV006838

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.70	06:10	E	8.100	36.292	48.558	44.392	47.850	1508.533	2267.250	
Cluster	MLOS		26	1.80	06:30	E	8.583	35.808	48.558	44 392	47 850	1508.533	2267.250	
Anomaly	MLOS		16	0.60	06:05	E	9.058	35.333	48 558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		15	0.90	06.20	E	9.283	35.108	48.558	44.392	47.850	1508.533	2267.250	
Cluster	MLOS		23	3.80	06:25	E	9.742	34.650	48.558	44.392	47.850	1508.533	2267.250	
Cluster	MLOS		37	2.80	06:10	E	10.225	34.167	48.558	44.392	47.850	1508.533	2267.250	
Cluster	MLOS		23	1.50	06:05	E	10.683	33.708	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		25	0.70	06:30	E	10.883	33.508	48.558	44.392	47.850	1508.533	2267 250	
Anomaly	MLOS		17	0 60	06:25	E	11.017	33.375	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		16	0.70	06:10	E	11.900	32.492	48 558	44 392	47 850	1508.533	2267.250	
Cluster	MLOS		24	1.80	06:10	E	12.283	32.108	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		24	0.60	05:45	E	13.950	30.442	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		17	0.90	06:20	E	33.867	10.525	48.558	44.392	47.850	1508.533	2267.250	
Anomaly	MLOS		15	0.60	06:20	E	3.758	44.092	44.392	47.850	47.942	1552.925	2219 400	
Anomaly	MLOS		15	0.70	06:25	E	17.725	30.125	44.392	47.850	47.942	1552.925	2219.400	
Anomaly	MLOS		15	1.00	06:15	E	18.642	29 300	47.850	47.942	44.633	1600.775	2171.458	
Anomaly	MLOS		17	0 70	05:05	E	4.708	40 358	50.075	45.067	46.150	1895.108	1880.000	
Anomaly	MLOS		16	0.90	06:20	E	44.475	0.592	50.075	45.067	46.150	1895.108	1880 000	
Anomaly	MLOS		24	0.80	05:50	E	42.542	8.108	46.700	50.650	38.400	3023.000	746.525	
Anomaly	MLOS		15	1.00	06:25	E	43 133	7.517	46.700	50.650	38.400	3023.000	746.525	
Anomaly	MLOS		21	0.90	06:00	E	43.850	6.800	46.700	50.650	38.400	3023.000	746.525	
Anomaly	MLOS		16	0 70	06:45	E	43.908	6.742	46.700	50.650	38.400	3023.000	746.525	
Cluster	MLOS		27	1.70	07:10	E	44.408	6.242	46.700	50.650	38.400	3023.000	746.525	
Anomaly	MLOS		15	0.70	06:25	E	31.233	7.167	50.650	38.400	44.300	3073.650	708.125	
Anomaly	MLOS		15	0.70	06:30	E	31.583	6.817	50.650	38.400	44.300	3073.650	708.125	
Marker	AGM						17 175	28.267				3803.000	6375.883	AGM 1631+44 B M. A030.89
NCA	NCA			0.00	12:20	I	22.383	27.092	45.917	49.475	46.033	169.108	6185.567	Long Seam Anomaly
Anomaly	MLOS		17	0.60	06:20	E	43.533	2.000	50.083	45.533	48.033	314.700	6043.917	
Anomaly	MLOS		20	0.90	04:10	I	12.942	35.233	49.558	48.175	49.533	2058.858	4297.117	
NCA	NCA			0.00	11:40	E	9.975	39.100	47.433	49.075	51.875	5002.033	1353.042	Metal In Close Proximity
Anomaly	MLOS		15	0.70	05:30	E	4.083	41.908	43.942	45.992	44.675	6292.842	65.317	
Marker	AGM						20.642	19.158				6383.508	11586.733	AGM 1567+34 B.M. A029.68
Anomaly	MLOS		17	0.70	06:25	E	22 558	21.758	45.225	44.317	45.392	64.383	11497.192	

EMPCO-ARKGOV006839

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	19	1.00	06:10	E	4.158	42.958	45 183	47.117	43.725	1176.083	10382.692	
Cluster	MLOS		21	1.70	06:10	E	6.867	40 250	45.183	47.117	43.725	1176.083	10382.692	
Cluster	MLOS		16	1.90	05:40	E	7.142	39.975	45.183	47.117	43.725	1176.083	10382.692	
Anomaly	MLOS		25	0.60	05:40	E	15.958	31.158	45.183	47.117	43.725	1176.083	10382.692	
Anomaly	MLOS		19	0.80	05.55	E	24.800	19.342	43.725	44.142	50.683	1266.925	10294.825	
Anomaly	MLOS		16	0.70	06.45	E	48.300	2.383	44.142	50.683	45.292	1311.067	10244.142	
Anomaly	MLOS		30	0.80	06.30	E	49.583	1.100	44.142	50.683	45.292	1311.067	10244.142	
Anomaly	MLOS		15	0 50	06:00	E	14.792	30.500	50 683	45.292	48.975	1361.750	10198.850	
Anomaly	MLOS		16	0 50	04:20	E	36.583	11.942	46.217	48.525	44.917	2409.158	9148.208	
NCA	NCA			0.00	01:10	E	4.567	40.350	48 525	44.917	40.692	2457.683	9103.292	Metal In Close Proximity
Anomaly	MLOS		23	1 00	10:40	I	38.958	5.958	48.525	44 917	40.692	2457.683	9103.292	
NCA	NCA			0.00	11:25	E	46.842	3.675	46.883	50 517	43.025	3573.383	7981.992	Metal In Close Proximity
Anomaly	MLOS		19	0.70	05:35	E	34 808	13.833	48.617	48 642	45.125	3995.367	7561.883	
Anomaly	MLOS		15	2.00	04:25	E	36.783	11.858	48.617	48.642	45.125	3995.367	7561.883	
Anomaly	MLOS		16	0.70	06:20	E	40.158	8.483	48.617	48 642	45.125	3995.367	7561 883	
Anomaly	MLOS		15	0.60	12:30	E	41.975	6.667	48.617	48.642	45.125	3995.367	7561.883	
Anomaly	MLOS		20	0.80	05:55	E	42.758	5.883	48.617	48.642	45 125	3995.367	7561.883	
Anomaly	MLOS		16	0.90	05:55	E	45.033	3.608	48.617	48.642	45.125	3995.367	7561.883	
Anomaly	MLOS		26	1.10	06:30	E	45.958	2.683	48 617	48.642	45.125	3995.367	7561.883	
Anomaly	MLOS		17	0.30	07:40	I	43.675	2.367	45.125	46.042	48.242	4089.133	7470.717	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	0.40	09:25	E	2.017	46.225	46.042	48.242	46.075	4135.175	7422.475	
Anomaly	MLOS		18	1.00	06:10	E	11.642	34.433	48.242	46.075	48 450	4183.417	7376.400	
Anomaly	MLOS		20	0.80	06:40	E	20.350	25 725	48.242	46.075	48.450	4183.417	7376 400	
Anomaly	MLOS		22	0.40	04:00	E	21.125	24.950	48 242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		25	0.80	12:10	E	22.258	23.817	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		17	1.10	05:15	E	22.317	23.758	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		20	1 00	06:10	E	31.708	14.367	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		19	0 60	06:35	E	33.692	12.383	48.242	46.075	48 450	4183.417	7376.400	
Anomaly	MLOS		19	0.60	05:35	E	37.892	8.183	48.242	46.075	48 450	4183.417	7376.400	
Anomaly	MLOS		23	0.70	06:20	E	41 158	4.917	48 242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		24	0.70	05:40	E	41.842	4.233	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		19	0.60	08:35	E	41.975	4.100	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		22	0.60	05:20	E	42.100	3.975	48.242	46.075	48.450	4183.417	7376.400	

EMPCO-ARKGOV006840

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	19	0.80	07:00	E	42.600	3.475	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		19	0.50	06:10	E	42.742	3.333	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		18	0.60	05:45	E	42.883	3.192	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		17	0.70	05:35	E	43.708	2.367	48.242	46.075	48.450	4183.417	7376.400	
Anomaly	MLOS		19	0.60	06:25	E	44.392	1.683	48.242	46 075	48.450	4183.417	7376.400	
Anomaly	MLOS		16	0.40	04:05	I	19.925	28 525	46.075	48.450	45.458	4229.492	7327.950	
Cluster	MLOS		35	2.00	08:15	E	46.075	2.375	46.075	48.450	45.458	4229.492	7327.950	
Anomaly	MLOS		15	0.80	06:20	E	46 833	1.617	46.075	48.450	45.458	4229.492	7327.950	
Anomaly	MLOS		19	0.60	06:30	E	47.325	1.125	46 075	48.450	45.458	4229.492	7327.950	
Anomaly	MLOS		19	0.60	05:40	E	48.150	0.300	46.075	48.450	45.458	4229.492	7327.950	
Anomaly	MLOS		15	1.00	06:10	E	6.617	38.842	48.450	45.458	48.117	4277.942	7282.492	
Anomaly	MLOS		19	0.80	06:00	E	10.367	35.092	48.450	45.458	48.117	4277.942	7282.492	
Anomaly	MLOS		18	0.70	05:35	E	17.667	27.792	48.450	45.458	48.117	4277.942	7282.492	
Anomaly	MLOS		18	0.40	05:40	E	33 467	11.992	48.450	45.458	48.117	4277.942	7282.492	
Anomaly	MLOS		19	0.90	05:50	E	33.917	11.542	48.450	45.458	48.117	4277.942	7282.492	
Cluster	MLOS		17	1.70	06:10	E	39.667	5.792	48.450	45.458	48.117	4277.942	7282.492	
Anomaly	MLOS		15	1.00	05:20	E	24.875	19.858	48.117	44.733	49.608	4371.517	7189.642	
Anomaly	MLOS		30	0.80	04:45	E	25.208	19.525	48.117	44.733	49.608	4371.517	7189.642	
Cluster	MLOS		18	1.40	06:30	E	25.567	19.167	48.117	44.733	49.608	4371.517	7189 642	
Anomaly	MLOS		20	1.10	05:20	E	43.575	6.033	44.733	49.608	47.450	4416.250	7140 033	
Anomaly	MLOS		21	0.90	05:20	E	43.842	5.767	44.733	49 608	47.450	4416.250	7140.033	
Anomaly	MLOS		15	0.80	05:30	E	44.258	5.350	44.733	49 608	47.450	4416.250	7140.033	
Anomaly	MLOS		16	0.60	05:40	E	44.733	4.875	44.733	49 608	47.450	4416.250	7140.033	
Cluster	MLOS		38	1.00	05:50	E	44.917	4.692	44 733	49.608	47.450	4416.250	7140.033	
Anomaly	MLOS		20	0.70	05:20	E	46.417	3.192	44.733	49.608	47.450	4416.250	7140.033	
Anomaly	MLOS		18	0.80	10:20	E	32.317	15 133	49.608	47.450	47.267	4465.858	7092.583	
Anomaly	MLOS		36	1.80	06:10	E	16.417	30.133	36.883	46 550	49.067	4693.625	6865.717	
Cluster	MLOS		15	2.90	09:05	E	16.033	33.033	46.550	49 067	49.750	4740.175	6816.650	
Anomaly	MLOS		18	0.80	10:00	E	2.192	39.075	9.225	41.267	49.475	5090.633	6473.992	
Anomaly	MLOS		26	1.20	10:40	E	11 683	37.792	41.267	49.475	28.850	5131.900	6424.517	
Anomaly	MLOS		15	0.50	06:10	E	17.325	32.150	41.267	49.475	28.850	5131.900	6424.517	
Anomaly	MLOS		17	0.50	12:45	I	0.658	47.875	47.133	48.533	50.542	5457.067	6100 292	
Anomaly	MLOS		18	1.00	06:35	E	36.317	13.242	49.167	49.558	48.108	5889.775	5666 558	

EMPCO-ARKGOV006841

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1.10	05:40	E	36.717	12 842	49.167	49.558	48.108	5889.775	5666.558	
Anomaly	MLOS		17	0.80	05:10	E	37 183	12.375	49.167	49.558	48.108	5889.775	5666.558	
Anomaly	MLOS		15	0.80	09.30	I	2 583	44.075	48 108	46.658	47.600	5987.442	5571.792	
Anomaly	MLOS		18	0.70	06:45	E	20.575	28.642	47 600	49.217	46.533	6081.700	5474.975	
NCA	NCA			0.00	10:15	I	11.242	36.575	49.633	47.817	47.200	7279.292	4278.783	Long Seam Anomaly
NCA	NCA			0.00	10:10	I	15.767	32.050	49.633	47.817	47.200	7279.292	4278.783	Long Seam Anomaly
Anomaly	MLOS		20	1.10	05:25	E	32.433	16.992	47.200	49.425	45.242	7374.308	4182.158	
Anomaly	MLOS		16	1.40	06:25	E	35.617	13 808	47.200	49.425	45.242	7374.308	4182.158	
NCA	NCA			0.00	11:45	I	1.808	47.625	48.583	49.433	48.633	8252.808	3303.650	Mill Anomaly
Anomaly	MLOS		15	1.00	09:10	E	45.467	3.167	49.433	48.633	49.358	8302.242	3255.017	
Anomaly	MLOS		19	0.80	05:20	E	16.775	31.483	49.475	48.258	49.892	8549.067	3008.567	
Anomaly	MLOS		21	1.00	05:20	E	17.158	31 100	49.475	48.258	49.892	8549.067	3008.567	
Anomaly	MLOS		17	0.60	11:40	I	35.958	13.933	48.258	49.892	46.108	8597.325	2958.675	
Cluster	MLOS		19	1.40	06:50	E	39.942	7.075	49.825	47.017	49.017	9611.942	1946.933	
Anomaly	MLOS		16	1.20	09:35	E	2.492	44.108	49.925	46.600	49.267	11240.042	319.250	
Marker	VALV						2 317	2.433				11603.575	4942.308	Valve B.V. # G21 1451+49 B.M. V027.49
Anomaly	MLOS		16	0.70	06:45	E	2 808	47.017	12.042	49.825	49.425	44.458	4850.458	
NCA	NCA			0.00	09:00	I	40.592	6.508	47.067	47.100	48.042	429.758	4467.883	Mill Anomaly
Anomaly	MLOS		21	0.60	10:35	I	40 625	6.475	47.067	47.100	48.042	429 758	4467.883	
NCA	NCA			0.00	12:35	E	12.758	35.733	48.675	48 492	49.483	704.842	4191.408	Metal In Close Proximity
Anomaly	MLOS		15	0.60	05:20	E	5.183	43.642	49.483	48.825	51.700	802.817	4093.100	
Anomaly	MLOS		18	0.60	04:55	E	9.550	42.150	48.825	51.700	46.892	851.642	4041.400	
Anomaly	MLOS		19	0.90	07:20	E	24.867	22.708	39.483	47.575	43.733	1032.758	3864.408	
Anomaly	MLOS		16	1.10	07:10	E	27.192	20.383	39.483	47.575	43.733	1032.758	3864.408	
Anomaly	MLOS		15	1.40	07:10	E	19.850	25.858	43.733	45.708	43.408	1124.067	3774.967	
Anomaly	MLOS		20	0.90	08:25	E	38.817	9.750	45.533	48.567	46.483	1352.883	3543.292	
Anomaly	MLOS		18	1.20	08:00	E	40 133	8.433	45.533	48.567	46.483	1352.883	3543.292	
Anomaly	MLOS		16	1.20	08:55	E	40.133	8.433	45 533	48.567	46 483	1352.883	3543.292	
Anomaly	MLOS		30	1.40	08:15	E	41.500	7.067	45.533	48.567	46.483	1352.883	3543.292	
Anomaly	MLOS		34	1.40	08:45	E	41.975	6.592	45.533	48.567	46.483	1352.883	3543.292	
Anomaly	MLOS		21	1 20	02:20	E	7.550	38.933	48.567	46.483	48.383	1401.450	3496.808	
Anomaly	MLOS		26	1.20	08:30	E	21 933	24.550	48.567	46.483	48.383	1401.450	3496.808	
Anomaly	MLOS		15	0.50	09:20	E	20 575	27.042	47.108	47.617	43.925	1543.425	3353.700	

EMPCO-ARKGOV006842

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	39	1.00	08:35	E	20.783	26.833	47 108	47.617	43.925	1543.425	3353.700	
Anomaly	MLOS		17	0.90	02:50	E	18.842	25.542	48.033	44.383	48 042	1913.725	2986.633	
Anomaly	MLOS		17	1.50	01:05	I	17.158	33.908	51.642	51.067	51.417	2857.667	2036.008	
NCA	NCA			0.00	01.15	I	17.683	33.383	51.642	51.067	51.417	2857.667	2036.008	Long Seam Anomaly
NCA	NCA			0.00	01:55	I	38.008	8.717	45.075	46.725	50.042	3850.158	1047.858	Mill Anomaly
NCA	NCA			0.00	12:40	I	24.192	25.850	46 725	50.042	50.975	3896.883	997.817	Long Seam Anomaly
NCA	NCA			0.00	12.00	I	8.950	42.025	50.042	50.975	49.167	3946.925	946.842	Long Seam Anomaly
Anomaly	MLOS		23	1.60	12:10	I	30 458	17.767	48.400	48.225	45.925	4278.258	618.258	
Cluster	MLOS		19	1.70	08:00	E	18.392	30.350	47.492	48.742	46.650	4419.900	476.100	
Anomaly	MLOS		15	0.30	10:30	E	5.725	43 258	48 408	48.983	48.075	4896.558	-0.800	
Marker	AGM						48.183	0.800				4896.558	8166.983	AGM 1402+01 B M A026.55
NCA	NCA			0.00	05:15	E	1.467	38.500	39.917	39.967	39 992	6059.558	2068.258	Metal In Close Proximity
Anomaly	MLOS		17	0.50	10:30	E	0.950	42.208	42.825	43.158	44.042	8082.308	42.317	
Cluster	MLOS		17	2.10	10:30	E	1.267	41.892	42.825	43.158	44.042	8082.308	42.317	
Marker	AGM						42.317	1.725				8125.467	8700.692	AGM 1320+02 B.M. A025.00 (INS)
Anomaly	MLOS		17	0.80	06:20	I	8.450	30.542	30.375	38.992	43.533	429.192	8234.233	
Anomaly	MLOS		25	0.40	09:05	E	29.908	13.625	38.992	43.533	39.767	468.183	8190.700	Possible Non-Corrosion Anomaly
Cluster	MLOS		32	1.10	07:45	E	29.958	13.575	38.992	43.533	39 767	468.183	8190.700	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	07:00	I	3.450	24.808	13.042	28.258	39 933	4057.917	4616.242	Mill Anomaly
Anomaly	MLOS		32	0.50	05:50	E	3.000	40.333	39.883	43.333	37 642	4485.375	4173.708	Possible Non-Corrosion Anomaly
Anomaly	MLOS		19	0.50	09:20	I	22.317	27.258	18.108	49.575	50 675	8597.925	54.917	
Marker	AGM						4.242	44.408				8698.175	3816.017	AGM 1234+70 B.M. A023.38 (INS)
Anomaly	MLOS		15	0.50	08:35	I	18.208	29.875	46.667	48.083	45.950	1837.233	1975.108	
Anomaly	MLOS		19	0.60	12:10	I	13.275	36.633	45.383	49.908	49.575	2021.550	1788.967	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	12:50	I	10.875	28.475	49.758	39.350	50.508	2170.792	1650.283	Mill Anomaly
Marker	AGM						5.458	43.050				3854.967	6454.450	AGM 1194+64 B.M. A022.62
Cluster	MLOS		20	5.50	05:50	E	17.408	28.708	49.083	46.117	3.442	92.133	6359.250	
NCA	NCA			0 00	10:20	I	19.083	28.558	47.608	47.642	48.558	480.675	5969.183	Mill Anomaly
NCA	NCA			0.00	04:55	I	26.475	21.167	47.608	47.642	48.558	480.675	5969.183	Mill Anomaly
Anomaly	MLOS		15	1.00	06:25	E	8.500	35.842	49.275	44.342	45.267	1983.300	4469.858	
Anomaly	MLOS		20	0.50	10:50	I	47.875	0.450	49.600	48.325	47.933	2263.083	4186.092	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	10:40	I	45.450	0.983	48.658	46.433	50.175	2873.725	3577.342	Mill Anomaly
Anomaly	MLOS		15	0.40	11:30	E	6.258	41.650	46 292	47.908	47.800	3108.850	3340.742	

EMPCO-ARKGOV006843

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	21	0.80	09:30	I	22.092	25.708	47.908	47.800	46 292	3156.758	3292.942	
Anomaly	MLOS		19	0.70	05:55	I	42.600	5.117	47.758	47.717	48.375	3536.367	2913 417	
Anomaly	MLOS		17	0.70	05:50	I	45.267	2.450	47.758	47.717	48.375	3536.367	2913 417	
Anomaly	MLOS		19	1.50	07:40	I	43.317	2.283	49.375	45.600	48.258	4620.858	1831.042	
Anomaly	MLOS		15	0.60	05:55	I	32.533	3.233	45.517	35 767	48.333	5914.233	547.500	
Anomaly	MLOS		16	0.60	06:55	E	43 308	5.025	35.767	48.333	49.067	5950.000	499.167	
Anomaly	MLOS		25	1.30	05.50	E	18 375	0.025	48 242	18.400	2.083	6474.475	4 625	Girth Weld Zone
Marker	VALV						2.542	2.167				6494.958	7347.383	Valve B.V. # G20 1129+50 B.M V021.39
Anomaly	MLOS		21	1.10	03:40	E	44.792	3.983	46 283	48.775	49.300	875 625	6425.150	
Anomaly	MLOS		16	1.30	07:20	E	32.567	16.733	48.775	49.300	44.717	924.400	6375.850	
Cluster	MLOS		18	1.70	07:05	E	0.900	43.817	49.300	44.717	45.992	973.700	6331.133	
Anomaly	MLOS		22	0.60	11:45	I	36.175	10.050	48.267	46.225	47.958	1249.992	6053.333	
NCA	NCA			0.00	09:15	E	37.433	8.117	45.842	45.550	48.517	2032.267	5271.733	Metal In Close Proximity
Anomaly	MLOS		19	0.50	05:50	I	27.675	18.908	45.867	46.583	47.733	2358.175	4944.792	
Cluster	MLOS		18	3.10	04:30	E	11.175	36.558	46.583	47.733	44 925	2404.758	4897.058	
Anomaly	MLOS		15	0.90	04:05	E	32.408	15 325	46.583	47.733	44.925	2404.758	4897.058	
Anomaly	MLOS		21	0.50	05:50	E	44.483	0.442	47.733	44.925	45.633	2452.492	4852.133	
Anomaly	MLOS		23	0.50	05:50	I	33.983	11.650	44.925	45.633	46.908	2497.417	4806.500	
NCA	NCA			0 00	05:45	E	39.900	8.067	47.508	47 967	48.575	2733.483	4568.100	Metal In Close Proximity
Anomaly	MLOS		16	0.90	06:00	I	38 058	7.508	47.492	45.567	48.192	3723.167	3580.817	
Anomaly	MLOS		22	1.40	06:30	E	1.775	46.417	45.567	48.192	48.367	3768.733	3532 625	
Cluster	MLOS		15	1.60	06:25	E	2.533	45.658	45.567	48.192	48.367	3768.733	3532.625	
Anomaly	MLOS		15	1.40	06:20	E	7.833	40.358	45.567	48.192	48.367	3768.733	3532.625	
Cluster	MLOS		15	1.40	06:25	E	13.008	35.183	45.567	48.192	48.367	3768.733	3532 625	
Anomaly	MLOS		15	1.90	06:20	E	23.317	24.875	45.567	48.192	48.367	3768.733	3532 625	
Anomaly	MLOS		27	1.30	05:55	E	23.700	24.492	45.567	48.192	48.367	3768.733	3532.625	
Anomaly	MLOS		23	1.60	06:10	E	40.058	8.133	45.567	48 192	48.367	3768.733	3532.625	
Cluster	MLOS		21	4.30	05:45	E	43.933	4.258	45.567	48.192	48.367	3768.733	3532.625	
Anomaly	MLOS		17	0.60	06:10	E	47.783	0.408	45.567	48.192	48.367	3768.733	3532.625	
Cluster	MLOS		23	1.00	07:55	E	10.608	37.758	48.192	48.367	47.550	3816.925	3484.258	
Anomaly	MLOS		15	0.80	04:10	E	1.967	45.583	46.533	47.550	46.183	4050.700	3251.300	
Anomaly	MLOS		27	0.70	05:25	E	34.400	13 150	46.533	47.550	46.183	4050.700	3251.300	
Anomaly	MLOS		18	1.60	06:05	E	40.217	7.333	46.533	47.550	46.183	4050.700	3251.300	

EMPCO-ARKGOV006844

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	17	1.80	05:50	E	41.617	5.933	46.533	47.550	46.183	4050.700	3251 300	
Anomaly	MLOS		21	2.00	06:10	E	42.750	4.800	46.533	47.550	46 183	4050.700	3251.300	
Anomaly	MLOS		23	1.40	06:10	E	43.017	4.533	46.533	47 550	46.183	4050.700	3251.300	
Anomaly	MLOS		17	1.70	06:25	E	44.400	3.150	46 533	47.550	46.183	4050.700	3251.300	
Anomaly	MLOS		17	1.00	06:05	E	45.400	2.150	46.533	47.550	46.183	4050.700	3251.300	
Anomaly	MLOS		25	1.80	06:20	E	45 600	1.950	46.533	47.550	46 183	4050.700	3251.300	
Anomaly	MLOS		16	1 60	05:30	E	46.108	1.442	46.533	47 550	46.183	4050.700	3251.300	
Anomaly	MLOS		15	1 10	06:45	E	5.217	40.967	47.550	46 183	48.633	4098.250	3205.117	
Anomaly	MLOS		16	1.70	06:05	E	11.300	34.883	47.550	46.183	48.633	4098.250	3205.117	
Anomaly	MLOS		18	1.90	05:50	E	11 750	34.433	47.550	46.183	48 633	4098.250	3205.117	
Anomaly	MLOS		19	1.50	05:35	E	17.458	28.725	47.550	46.183	48.633	4098.250	3205.117	
Anomaly	MLOS		15	1 60	06:10	E	18.325	27.858	47.550	46 183	48.633	4098.250	3205.117	
Anomaly	MLOS		15	1.70	06:10	E	18.883	27.300	47 550	46.183	48.633	4098.250	3205 117	
Cluster	MLOS		24	2.00	06:00	E	34 317	11.867	47.550	46.183	48.633	4098.250	3205.117	
Anomaly	MLOS		18	1.30	05:50	E	37.917	8.267	47.550	46.183	48 633	4098.250	3205.117	
Anomaly	MLOS		34	1.70	06:10	E	40.592	7.442	49.333	48.033	46 675	4483.050	2818.467	
Anomaly	MLOS		24	0.70	05:50	I	41.633	6.400	49.333	48.033	46.675	4483.050	2818.467	
Anomaly	MLOS		18	1.10	05:20	E	44.858	3.175	49.333	48.033	46.675	4483.050	2818.467	
Anomaly	MLOS		18	2.20	04:30	E	46.042	1.992	49.333	48.033	46.675	4483.050	2818.467	
Anomaly	MLOS		22	1.20	05:45	E	1.967	44.708	48.033	46.675	45.633	4531.083	2771.792	
Anomaly	MLOS		21	2.20	03:25	E	3.550	43.125	48.033	46.675	45.633	4531.083	2771.792	
Anomaly	MLOS		15	2.00	06:10	E	6.517	40.158	48.033	46 675	45.633	4531.083	2771.792	
Cluster	MLOS		21	2.70	06:40	E	7.050	39.625	48.033	46 675	45.633	4531.083	2771.792	
Anomaly	MLOS		19	1.20	06:30	E	7.767	38.908	48.033	46 675	45.633	4531.083	2771.792	
Cluster	MLOS		21	2.70	05:40	E	12.467	34.208	48.033	46 675	45.633	4531.083	2771.792	
Anomaly	MLOS		15	1.50	05:50	E	16.267	30.408	48.033	46.675	45.633	4531.083	2771.792	
NCA	NCA			0.00	05:50	U	6.033	39.358	45.217	45.392	49.050	4867.183	2436.975	Sensor Noise
Cluster	MLOS		16	2.20	02:55	E	5.658	42.575	48.992	48.233	48.025	5536.008	1765.308	
Anomaly	MLOS		15	0.80	06:15	E	9.592	38.642	48.992	48.233	48 025	5536.008	1765.308	
Anomaly	MLOS		16	0.50	06:15	E	9.875	38.358	48.992	48.233	48.025	5536.008	1765.308	
Anomaly	MLOS		22	2.10	06:10	E	11.217	37.017	48.992	48.233	48.025	5536.008	1765.308	
Anomaly	MLOS		18	1.00	08:30	E	36.342	11.892	48.992	48.233	48.025	5536.008	1765.308	
Anomaly	MLOS		23	1.30	05:35	E	48.158	0.075	48.992	48.233	48.025	5536.008	1765.308	Girth Weld Zone

EMPCO-ARKGOV006845

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	21	1.10	06:15	E	0 050	47.975	48.233	48.025	37.942	5584.242	1717 283	Girth Weld Zone
Anomaly	MLOS		21	0.60	05:55	E	2.008	46.017	48.233	48.025	37.942	5584.242	1717.283	
Cluster	MLOS		16	1.90	05:00	E	2.317	45.708	48.233	48.025	37.942	5584.242	1717.283	
Cluster	MLOS		27	2.90	05:50	E	2.767	45.258	48.233	48.025	37 942	5584.242	1717 283	
Anomaly	MLOS		17	0.60	07:00	E	3 858	44.167	48.233	48.025	37.942	5584.242	1717.283	
Anomaly	MLOS		16	1.40	03:25	E	18.658	29.367	48.233	48.025	37.942	5584.242	1717.283	
Cluster	MLOS		22	2.50	05:30	E	19.225	28.800	48.233	48.025	37.942	5584.242	1717.283	
Anomaly	MLOS		27	2 00	05:20	E	37.767	8.767	37.942	46.533	51 850	5670.208	1632.808	
Anomaly	MLOS		24	0.80	03.35	E	38.325	13.525	46.533	51.850	40.000	5716.742	1580 958	
NCA	NCA			0 00	10:25	I	19.600	31.050	40.000	50.650	45 667	5808.592	1490.308	Mill Anomaly
Anomaly	MLOS		16	0 90	04.40	E	27.275	17.583	48.175	44.858	46 733	6743.050	561.642	
Anomaly	MLOS		17	0 70	12:00	I	38.917	8.983	49.042	47.900	47.567	7107.767	193.883	
Marker	AGM						10.358	38.358				7339.192	4975.542	AGM 1056+00 B.M. A020.00
Cluster	MLOS		26	2.60	07:40	E	9.167	40.342	50.125	49.508	47 575	375.725	4588 667	
Anomaly	MLOS		18	0.80	03:55	E	11.350	31.792	44 525	43.142	49.208	607.550	4363.208	
Anomaly	MLOS		16	1.10	03:40	E	17.800	25.342	44 525	43.142	49 208	607.550	4363.208	
Anomaly	MLOS		22	0.80	03:05	E	10.800	35.092	43 417	45.892	38.875	743.317	4224.692	
Anomaly	MLOS		16	0.60	03:05	I	12 675	37.475	38.875	50.150	44.583	828.083	4135.667	
Anomaly	MLOS		15	1 10	02:25	I	9.533	35.000	46.183	44.533	49.358	1601.750	3367.617	
Anomaly	MLOS		20	0.40	10:35	I	19.583	24.950	46.183	44.533	49.358	1601.750	3367.617	
NCA	NCA			0.00	12:00	I	23.358	21.175	46 183	44.533	49.358	1601.750	3367.617	Mill Anomaly
NCA	NCA			0.00	09:00	I	27 042	4.692	45.267	31.733	48.150	1917.050	3065.117	Mill Anomaly
Anomaly	MLOS		16	1.00	07:40	E	28 183	20.300	48.508	48.483	49.683	2504.133	2461.283	
Cluster	MLOS		17	2.50	04:25	E	47.817	1.542	49.683	49.358	50.575	2602.300	2362.242	
NCA	NCA			0.00	12:30	E	46.542	2.650	48 975	49.192	44.917	3828.133	1136.575	Metal In Close Proximity
NCA	NCA			0.00	02:25	E	41.250	5.333	48.075	46.583	47.300	3970.317	997.000	Metal In Close Proximity
Anomaly	MLOS		19	1 30	05:10	E	35.492	9.058	49.967	44.550	39.733	4434.025	535.325	
Anomaly	MLOS		20	0.50	12:15	E	1.075	48.067	50.908	49.142	43 325	4664.750	300.008	
Anomaly	MLOS		22	0.50	05:20	I	41.475	1.850	49 142	43.325	44.508	4713.892	256.683	
Marker	AGM						22 308	19.467				4991.592	6812.392	AGM 1003+58 B.M. A019.00
Anomaly	MLOS		54	0.90	11:50	E	9.250	39.342	41.775	48.592	43.092	19.467	6763.800	
NCA	NCA			0.00	10:55	E	12.558	36.033	41.775	48.592	43.092	19.467	6763.800	Metal In Close Proximity
NCA	NCA			0.00	11:35	E	14.483	34.108	41.775	48.592	43 092	19.467	6763.800	Metal In Close Proximity

EMPCO-ARKGOV006846

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	11:40	E	15.392	33.200	41.775	48 592	43.092	19.467	6763.800	Metal In Close Proximity
NCA	NCA			0.00	09:10	I	34.133	11 125	47.075	45.258	49.625	158.225	6628.375	Mill Anomaly
Cluster	MLOS		15	4.10	08:45	E	22.717	10.500	50.192	33.217	49.133	666.533	6132.108	
Anomaly	MLOS		21	0.60	05:55	I	40 058	8.425	45.425	48.483	47 267	1059.925	5723.450	
Anomaly	MLOS		19	0.60	05:50	E	31.267	16.942	47.267	48.208	48.792	1155.675	5627.975	
Anomaly	MLOS		46	2.90	10:25	I	45.250	3.542	48.208	48.792	49.492	1203.883	5579.183	
Anomaly	MLOS		16	0.40	05.50	E	14.017	34.083	49.492	48.100	49.292	1302.167	5481.592	
Anomaly	MLOS		15	0.70	12:00	I	34.508	10.375	49.383	44.883	49.792	1448.942	5338.033	
Anomaly	MLOS		16	1.10	08:00	E	45 025	4.767	44.883	49.792	45.758	1493.825	5288.242	
Anomaly	MLOS		17	0 60	05:50	I	13.958	31 800	49.792	45.758	49.317	1543.617	5242.483	
Anomaly	MLOS		21	0.50	05:50	I	8.642	40.675	45.758	49.317	36.475	1589.375	5193.167	
Anomaly	MLOS		15	1.80	06:00	E	26.875	19.400	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		15	1.00	12:40	E	27.292	18.983	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		16	1.50	04:55	E	27.650	18.625	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		17	1.70	06:20	E	35.183	11.092	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		20	1.00	11:30	E	40.667	5.608	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		16	1.20	03:25	E	41.592	4.683	50 225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		18	0.90	03:40	E	42.133	4.142	50.225	46.275	46.042	1737.108	5048.475	
Anomaly	MLOS		18	1.30	05:15	E	42.533	3.742	50.225	46.275	46.042	1737.108	5048.475	
Cluster	MLOS		24	3 00	06:50	E	7.400	38.642	46.275	46.042	49.233	1783.383	5002.433	
Anomaly	MLOS		16	1 60	08:15	E	7.567	38.475	46.275	46.042	49.233	1783.383	5002.433	
Anomaly	MLOS		22	1 10	10:20	E	8 725	37.317	46.275	46.042	49.233	1783.383	5002.433	
Anomaly	MLOS		16	1.90	09:00	E	9.883	36.158	46.275	46.042	49.233	1783.383	5002.433	
Cluster	MLOS		22	2.80	03:40	E	13.050	32.992	46.275	46.042	49.233	1783.383	5002.433	
Anomaly	MLOS		16	0 90	09:30	E	13.667	32.375	46.275	46.042	49.233	1783.383	5002.433	
Anomaly	MLOS		24	0.90	09:20	E	33.608	12.433	46.275	46.042	49.233	1783.383	5002 433	
Anomaly	MLOS		19	1.90	01:30	E	1.758	47.475	46.042	49.233	45.742	1829.425	4953.200	
Anomaly	MLOS		15	2.40	09:40	E	2.783	46.450	46.042	49.233	45.742	1829.425	4953.200	
Cluster	MLOS		31	2 90	09:35	E	5.942	43.292	46.042	49.233	45.742	1829.425	4953.200	
Anomaly	MLOS		16	1.50	10:10	E	11.258	37.975	46.042	49.233	45.742	1829.425	4953.200	
Cluster	MLOS		18	2.40	08:40	E	30.358	18.875	46.042	49.233	45.742	1829.425	4953.200	
Anomaly	MLOS		15	1 10	08:35	E	37.408	6.025	50.508	43.433	48.417	1974.908	4813.517	
Cluster	MLOS		18	1 70	09:40	E	38.258	5.175	50.508	43.433	48 417	1974.908	4813.517	

EMPCO-ARKGOV006847

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		23	0.60	12:50	I	12.433	34 292	45.700	46.725	45 942	2487.117	4298 017	
Anomaly	MLOS		23	0.70	06:10	I	22.675	16.842	41.708	39 517	43.475	3137.492	3654.850	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	0.90	06:30	E	38.192	4.558	42.550	42 750	42.892	3391.033	3398.075	
Anomaly	MLOS		31	1.20	06:30	E	3.200	39.692	42.750	42 892	44.025	3433.783	3355.183	
Cluster	MLOS		17	1.50	06:30	E	6 675	36.217	42.750	42 892	44.025	3433.783	3355.183	
NCA	NCA			0.00	06:45	I	3 683	36.417	37.150	40.100	39.800	3643.033	3148.725	Mill Anomaly
NCA	NCA			0.00	12:05	I	3.750	36.350	37.150	40.100	39.800	3643.033	3148.725	Mill Anomaly
NCA	NCA			0.00	11:20	I	3.783	36.317	37.150	40.100	39.800	3643.033	3148.725	Mill Anomaly
NCA	NCA			0.00	08:35	I	5.892	34.208	37.150	40.100	39.800	3643.033	3148.725	Mill Anomaly
NCA	NCA			0.00	08:30	I	5.908	34.192	37.150	40.100	39.800	3643.033	3148.725	Mill Anomaly
NCA	NCA			0.00	05:10	I	7.033	33.067	37.150	40.100	39 800	3643.033	3148 725	Mill Anomaly
Anomaly	MLOS		16	0.40	10:45	E	12.367	27 733	37.150	40.100	39 800	3643.033	3148.725	
NCA	NCA			0.00	08:30	I	15.133	24 967	37.150	40.100	39 800	3643.033	3148.725	Mill Anomaly
Anomaly	MLOS		19	0.40	02:20	E	37.092	5.133	42 492	42.225	40.083	3765.425	3024.208	
NCA	NCA			0.00	02:35	I	7.700	36.650	44.367	44.350	41.933	4190.950	2596.558	Mill Anomaly
NCA	NCA			0.00	04:15	I	12.758	31.592	44.367	44.350	41.933	4190.950	2596.558	Mill Anomaly
Anomaly	MLOS		20	0.80	06:40	E	19.625	24.358	42.725	43.983	42.625	4618.900	2168.975	
Anomaly	MLOS		16	0.70	06:50	E	23.450	20.533	42.725	43.983	42.625	4618.900	2168.975	
Anomaly	MLOS		16	0 70	05:15	E	24.517	19.467	42 725	43.983	42.625	4618.900	2168.975	
Anomaly	MLOS		16	1.20	05:35	E	2.242	40.383	43.983	42.625	42.625	4662.883	2126.350	
Anomaly	MLOS		15	1.10	07:00	E	15.833	26.792	43.983	42.625	42.625	4662.883	2126.350	
Anomaly	MLOS		15	0.80	06:25	E	17.600	25.025	43.983	42.625	42.625	4662.883	2126 350	
Cluster	MLOS		28	1.50	05:15	E	26.300	16.325	43.983	42.625	42.625	4662.883	2126.350	
Anomaly	MLOS		17	0.80	05:40	E	26.600	16.025	43.983	42.625	42.625	4662.883	2126.350	
Anomaly	MLOS		27	0 80	06:35	E	28.842	13.783	43.983	42 625	42.625	4662.883	2126.350	
Anomaly	MLOS		17	0.80	05:25	E	6.050	37 100	42.625	43.150	42.358	4748.133	2040.575	
Anomaly	MLOS		15	0.80	05:50	E	7.850	35.300	42.625	43.150	42.358	4748.133	2040.575	
Anomaly	MLOS		15	1.00	06:15	E	12.342	30.808	42.625	43.150	42.358	4748.133	2040.575	
Anomaly	MLOS		27	1.00	05:45	E	13.550	29.600	42.625	43.150	42 358	4748.133	2040.575	
Anomaly	MLOS		19	0.60	05:50	E	33.850	8.508	43.150	42.358	43.008	4791.283	1998.217	
Anomaly	MLOS		19	0.90	05:50	E	2.708	40.300	42.358	43.008	39.883	4833.642	1955.208	
Anomaly	MLOS		15	0.80	05:55	E	4.292	38.717	42.358	43.008	39.883	4833.642	1955.208	
Anomaly	MLOS		16	1.00	05:10	E	13 308	29.700	42.358	43.008	39.883	4833.642	1955.208	

EMPCO-ARKGOV006848

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS		17	1.50	05:05	E	5.267	34 617	43.008	39.883	42.075	4876.650	1915.325	
Cluster	MLOS		29	3.00	05.15	E	36.642	3.242	43.008	39.883	42.075	4876.650	1915.325	
Anomaly	MLOS		19	0.80	04:10	E	3.433	38.642	39 883	42.075	35.158	4916.533	1873 250	
Anomaly	MLOS		22	1.30	06:40	E	4.167	37.908	39.883	42.075	35.158	4916.533	1873.250	
Anomaly	MLOS		39	0.80	03:10	I	33.133	3.775	41 383	36.908	44.017	5277.042	1517.908	
NCA	NCA			0.00	09:40	E	27.642	2.733	30.925	30.375	13.483	5595.408	1206.075	Metal In Close Proximity
NCA	NCA			0.00	05:50	I	2.375	39.050	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
Cluster	MLOS		38	1 30	08:55	I	2.508	38.917	43.142	41.425	36.583	5866.867	923.567	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	06:10	I	2.575	38.850	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
NCA	NCA			0.00	07:45	I	2.600	38 825	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
NCA	NCA			0 00	06.05	I	6 508	34.917	43.142	41.425	36 583	5866.867	923.567	Mill Anomaly
NCA	NCA			0.00	07:05	I	6.742	34.683	43.142	41 425	36.583	5866.867	923.567	Mill Anomaly
Anomaly	MLOS		32	0.80	07:00	I	6.817	34.608	43.142	41.425	36.583	5866.867	923.567	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.60	08:20	I	6.858	34.567	43.142	41.425	36.583	5866.867	923.567	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:25	I	7.050	34.375	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
NCA	NCA			0.00	02:55	I	7.742	33 683	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
NCA	NCA			0.00	12:20	I	8.050	33.375	43.142	41.425	36.583	5866.867	923.567	Mill Anomaly
Anomaly	MLOS		30	0.70	12:00	I	8.450	32 975	43.142	41.425	36.583	5866.867	923.567	Possible Non-Corrosion Anomaly
Marker	AGM						31.050	11.875				6800.808	4704.150	AGM 940+49 B.M. A017.81
Anomaly	MLOS		32	0.30	06:25	I	1.475	34.100	40.892	35.575	40.275	301.658	4378.792	Possible Non-Corrosion Anomaly
Anomaly	MLOS		19	0.50	06:00	I	1.825	33.750	40.892	35.575	40.275	301.658	4378.792	Possible Non-Corrosion Anomaly
Anomaly	MLOS		20	0.60	05:05	I	2.050	33.525	40.892	35.575	40.275	301.658	4378.792	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.70	10:10	I	7.808	32.467	35.575	40.275	35.725	337.233	4338.517	
Anomaly	MLOS		29	1.30	12:10	I	43.667	1.717	43.483	45.383	41.892	1207.283	3463.358	
NCA	NCA			0.00	12:00	I	1.042	48.642	41.892	49.683	46.658	1294.558	3371.783	Mill Anomaly
NCA	NCA			0.00	12:35	I	1.900	47.783	41.892	49.683	46.658	1294.558	3371.783	Mill Anomaly
Cluster	MLOS		21	1.20	06:10	E	9.125	40.558	41.892	49.683	46.658	1294.558	3371.783	
Anomaly	MLOS		17	1.50	06:50	E	9.917	39.767	41.892	49.683	46.658	1294.558	3371.783	
Anomaly	MLOS		16	1.10	06:20	E	11.900	37.783	41.892	49.683	46.658	1294.558	3371.783	
Anomaly	MLOS		15	0.60	06:10	E	39.467	10.217	41.892	49.683	46.658	1294.558	3371.783	
Anomaly	MLOS		15	1.30	06:40	E	46.442	3.242	41.892	49.683	46.658	1294.558	3371.783	
Cluster	MLOS		17	1.40	05:50	E	47.600	2.083	41.892	49.683	46.658	1294.558	3371.783	
Anomaly	MLOS		15	1.00	06:50	E	25.542	21.117	49.683	46.658	37.717	1344.242	3325.125	

EMPCO-ARKGOV006849

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	20	1.70	06:40	E	27.917	18.742	49.683	46.658	37.717	1344.242	3325.125	
NCA	NCA			0.00	01:30	E	26.800	17.692	48.733	44.492	48 550	3545.833	1125.700	Excess Metal
NCA	NCA			0.00	12:30	E	28.967	15.525	48.733	44.492	48.550	3545.833	1125.700	Excess Metal
NCA	NCA			0.00	12:15	E	30.925	13.567	48.733	44.492	48.550	3545.833	1125.700	Excess Metal
Marker	AGM						22.058	26.358				4693.967	4408.733	AGM 897+60 B.M. A017.00
Anomaly	MLOS		19	0.50	08:45	I	32.875	13.117	19.000	45.992	47.550	214.625	4174.475	
Anomaly	MLOS		15	0.60	12:05	I	17.867	30.375	47.742	48 242	47.483	451.233	3935.617	
NCA	NCA			0.00	11:10	I	34.175	13.292	50.508	47.467	47.417	1283.258	3104.367	Mill Anomaly
Anomaly	MLOS		15	1.10	05:20	I	29.600	19.983	44.783	49.583	45.900	2482.533	1902.975	
NCA	NCA			0.00	05:00	I	30.383	19.200	44.783	49.583	45 900	2482.533	1902.975	Mill Anomaly
Anomaly	MLOS		18	0.70	05:55	I	36.975	13.342	46.050	50.317	46.800	4228.233	156.542	
Anomaly	MLOS		17	0.60	05:50	I	37.900	12.417	46.050	50.317	46.800	4228.233	156.542	
Anomaly	MLOS		17	0.30	05:50	I	16.050	30 750	50.317	46.800	47.267	4278.550	109.742	
Marker	AGM						12.725	37.175				4422.367	5517.025	AGM 846+05 B.M. A016.02
NCA	NCA			0.00	10:40	E	43.108	3.375	49.900	46.483	48.792	37 175	5470.542	Metal In Close Proximity
Anomaly	MLOS		15	0.60	12:55	I	26.333	20.983	49.500	47 317	50.400	329.075	5177.808	
Cluster	MLOS		16	2.00	04:00	I	1.700	48.000	50.000	49.700	48.750	476.792	5027.708	
NCA	NCA			0.00	08:15	I	45.025	0.392	47.983	45.417	49.042	1429.692	4079.092	Mill Anomaly
NCA	NCA			0.00	05:10	I	32.792	16 867	49.042	49.658	49.733	1524.150	3980 392	Mill Anomaly
NCA	NCA			0.00	07:30	I	40.825	8.908	49.658	49 733	49.892	1573.808	3930.658	Mill Anomaly
Anomaly	MLOS		21	0.50	09:10	I	29.892	15.992	46.825	45 883	46.117	2475.950	3032.367	
Anomaly	MLOS		23	0.90	10:25	I	12.175	38.517	46.117	50.692	48 042	2567.950	2935.558	
Anomaly	MLOS		22	0.90	06:50	E	22.450	24 433	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		17	1.30	06:20	E	30.325	16.558	48.042	46.883	46.367	2666.683	2840.633	
Cluster	MLOS		22	1.30	06:25	E	33.842	13.042	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		20	0 90	06:05	E	36.258	10.625	48.042	46.883	46.367	2666.683	2840 633	
Anomaly	MLOS		16	1.20	06:25	E	36.792	10.092	48.042	46 883	46.367	2666.683	2840 633	
Anomaly	MLOS		15	1.10	05:15	E	38.333	8.550	48.042	46 883	46.367	2666.683	2840.633	
Cluster	MLOS		17	2.70	06:10	E	39.508	7.375	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		20	1.40	06:15	E	40.325	6.558	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		18	1.00	06:20	E	41.633	5.250	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		19	1.20	04:20	E	44.325	2.558	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		21	1.30	06:10	E	45.808	1.075	48.042	46.883	46.367	2666.683	2840.633	

EMPCO-ARKGOV006850

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1.20	04:30	E	45.808	1.075	48.042	46.883	46.367	2666.683	2840.633	
Anomaly	MLOS		20	1.10	04:45	E	2.042	44.325	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		20	1.50	04:35	E	2.542	43.825	46.883	46.367	45.725	2713.567	2794 267	
Anomaly	MLOS		15	1.00	04:05	E	3.058	43.308	46.883	46.367	45 725	2713.567	2794.267	
Anomaly	MLOS		21	1 40	05:10	E	3.908	42.458	46 883	46 367	45.725	2713.567	2794.267	
Cluster	MLOS		23	2 40	05:55	E	8.375	37.992	46 883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		28	1.30	06:20	E	9.383	36.983	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		26	2.80	05:40	E	9.967	36.400	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		21	1.00	06:05	E	10.908	35.458	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		22	3.20	06:25	E	11.142	35.225	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		17	1.20	06.20	E	11.692	34.675	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		18	1.60	05:50	E	12.175	34.192	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		20	1.40	05:55	E	14.208	32.158	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		19	1.30	05:20	E	14.517	31.850	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		20	1.00	05:20	E	15.183	31.183	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		22	2.00	05:35	E	16.183	30.183	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		15	1 40	06:10	E	18.667	27.700	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		18	1 50	05:35	E	19.042	27.325	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		16	1.30	05:30	E	20.925	25.442	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		23	1.00	06:00	E	23.100	23.267	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		16	0.70	06:10	E	24.142	22.225	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		17	1.40	05:15	E	27.858	18.508	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		18	0.80	05:10	E	28.142	18.225	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		22	1.10	05:20	E	29.225	17.142	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		18	1.00	05:20	E	31.525	14.842	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		28	1.10	05:50	E	32.458	13.908	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		15	1.00	05:45	E	34.975	11.392	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		17	0.90	05:35	E	35.692	10.675	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		25	1.40	05:30	E	36.175	10.192	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		16	2.00	05:40	E	36.975	9.392	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		18	2.50	06:20	E	37.625	8.742	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		21	4 20	06:30	E	38.050	8.317	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		26	1.40	06:20	E	39.258	7.108	46.883	46.367	45.725	2713.567	2794.267	

EMPCO-ARKGOV006851

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(b) (7)(F)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS		17	0.90	06:25	E	39.908	6.458	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		18	1.40	06:20	E	40.708	5.658	46.883	46 367	45.725	2713.567	2794.267	
Anomaly	MLOS		18	1.20	06:10	E	41.175	5.192	46.883	46 367	45.725	2713.567	2794 267	
Cluster	MLOS		20	2.20	05:50	E	42.375	3.992	46.883	46 367	45.725	2713.567	2794 267	
Anomaly	MLOS		19	1.80	06:30	E	42 708	3.658	46.883	46.367	45.725	2713.567	2794 267	
Anomaly	MLOS		20	1.20	04:35	E	42 742	3.625	46.883	46.367	45.725	2713.567	2794 267	
Cluster	MLOS		19	1.10	05:45	E	44.658	1.708	46.883	46.367	45.725	2713.567	2794 267	
Anomaly	MLOS		17	1.20	06:40	E	45.125	1.242	46.883	46.367	45.725	2713.567	2794.267	
Cluster	MLOS		33	2.20	06:45	E	45.325	1.042	46.883	46.367	45.725	2713.567	2794.267	
Anomaly	MLOS		16	1.30	06:25	E	0.408	45 317	46.367	45.725	45.650	2759.933	2748.542	
Anomaly	MLOS		15	1.10	05:55	E	2.408	43 317	46.367	45.725	45 650	2759.933	2748.542	
Anomaly	MLOS		16	0.80	05:50	E	3.425	42.300	46.367	45.725	45.650	2759.933	2748.542	
Anomaly	MLOS		21	0.80	07:00	E	4.742	40.983	46.367	45.725	45.650	2759.933	2748.542	
Anomaly	MLOS		22	1.60	05:55	E	6 142	39.583	46.367	45.725	45.650	2759.933	2748.542	
Anomaly	MLOS		15	1.00	06:05	E	36.192	9.533	46.367	45.725	45.650	2759.933	2748 542	
Anomaly	MLOS		16	1 40	06:00	E	38 458	7.267	46.367	45.725	45.650	2759.933	2748 542	
Anomaly	MLOS		17	0.70	06:25	E	41 625	4.100	46.367	45.725	45.650	2759.933	2748.542	
Anomaly	MLOS		25	1.20	04:50	E	1.408	44.242	45.725	45.650	49 908	2805.658	2702.892	
Anomaly	MLOS		19	0.70	04:50	E	1.658	43.992	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		17	1.40	04:45	E	2.592	43.058	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		25	1.20	05:10	E	2.850	42.800	45.725	45 650	49.908	2805.658	2702.892	
Anomaly	MLOS		24	0.90	04:30	E	3 450	42.200	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		15	1 00	05:50	E	5 967	39.683	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		15	0.80	04:35	E	6.500	39.150	45 725	45.650	49.908	2805.658	2702 892	
Anomaly	MLOS		17	1.20	06:05	E	7.292	38.358	45 725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		19	1.60	05:55	E	7.892	37 758	45.725	45.650	49 908	2805.658	2702.892	
Anomaly	MLOS		20	1.20	06:10	E	8.225	37 425	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		18	1.50	06:10	E	10.583	35.067	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		19	0.90	06:20	E	12.917	32.733	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		16	1.60	06:15	E	15.083	30.567	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		20	1.30	06:55	E	16.850	28.800	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		22	1.50	05:00	E	17.233	28.417	45 725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		15	0.70	05:10	E	20.717	24.933	45 725	45.650	49.908	2805.658	2702 892	

EMPCO-ARKGOV006852

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	16	1.10	06:10	E	24.617	21.033	45 725	45 650	49.908	2805.658	2702.892	
Cluster	MLOS		20	2.00	05:45	E	25 283	20.367	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		16	0.60	05:55	E	27.358	18.292	45.725	45.650	49 908	2805.658	2702.892	
Anomaly	MLOS		15	0.70	04:50	E	27.683	17.967	45.725	45 650	49.908	2805.658	2702.892	
Anomaly	MLOS		18	0.80	05:35	E	28.817	16.833	45 725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		22	1.30	06:00	E	29.083	16 567	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		16	0.60	05.35	E	29.508	16 142	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		19	0.70	04:55	E	30.450	15.200	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		17	0.80	06:55	E	34.425	11.225	45 725	45 650	49.908	2805.658	2702.892	
Anomaly	MLOS		22	1.70	05:15	E	34.617	11.033	45.725	45.650	49.908	2805.658	2702 892	
Anomaly	MLOS		19	0 70	06:40	E	40.217	5.433	45.725	45.650	49 908	2805.658	2702.892	
Anomaly	MLOS		16	0.60	06:40	E	40.817	4.833	45.725	45.650	49 908	2805.658	2702.892	
Anomaly	MLOS		15	0.90	06:10	E	42.017	3.633	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		18	0.90	06:15	E	42.900	2.750	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		16	1.10	06:10	E	43 050	2.600	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		17	1.40	06:25	E	45.150	0.500	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		24	1 20	04:15	E	45.433	0.217	45.725	45.650	49.908	2805.658	2702.892	
Anomaly	MLOS		15	0.80	07:05	E	3.450	46.458	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		19	1.00	06:10	E	5.625	44.283	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		19	1.50	05:10	E	9.117	40.792	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		17	3.20	05:15	E	9.450	40.458	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		18	1.90	06:00	E	10 017	39.892	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		21	1.30	07:05	E	10 750	39.158	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1.00	05:50	E	12.783	37.125	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		16	1.10	05:40	E	13.050	36.858	45.650	49.908	46.925	2851.308	2652 983	
Anomaly	MLOS		25	1.40	05:45	E	13.583	36.325	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1.30	05:45	E	13.983	35.925	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		19	1.60	06:40	E	22.908	27.000	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		16	1.70	05:20	E	23.417	26.492	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		18	1.50	05:55	E	24.067	25.842	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	0.80	05:50	E	24.533	25.375	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		16	2.30	06:30	E	25.100	24.808	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		22	3.50	06:15	E	25.642	24.267	45.650	49.908	46.925	2851.308	2652.983	

EMPCO-ARKGOV006853

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	20	1.40	05:20	E	26.500	23.408	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		17	1.00	04:45	E	26.775	23.133	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		25	1.40	04:35	E	27.392	22.517	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		20	2.50	05:10	E	27.933	21.975	45 650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		21	0.80	05:00	E	29.233	20.675	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		22	1.30	06:20	E	29.850	20.058	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1.30	06:35	E	30.475	19.433	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1.10	04:35	E	33.867	16.042	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		15	2.60	04:50	E	42.150	7.758	45.650	49.908	46.925	2851.308	2652 983	
Anomaly	MLOS		18	1.80	06:30	E	43.367	6.542	45.650	49.908	46 925	2851.308	2652.983	
Anomaly	MLOS		16	1.30	06:40	E	43.867	6.042	45.650	49.908	46.925	2851.308	2652.983	
Cluster	MLOS		15	2.30	06:20	E	44.967	4.942	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1.40	05:45	E	45.900	4.008	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		20	1.10	06:20	E	48.600	1.308	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		15	1 40	05:15	E	48.700	1.208	45.650	49.908	46.925	2851.308	2652.983	
Anomaly	MLOS		19	1 90	06:20	E	48.933	0.975	45.650	49 908	46.925	2851.308	2652.983	
Anomaly	MLOS		18	1 20	06:05	E	49.533	0.375	45.650	49 908	46.925	2851.308	2652.983	
Cluster	MLOS		18	3.10	05:40	E	0.342	46.583	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		16	1.10	05:55	E	3.308	43.617	49.908	46.925	49 033	2901.217	2606.058	
Anomaly	MLOS		20	1.00	06:15	E	4.925	42.000	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		27	1 50	06:10	E	6.333	40.592	49.908	46.925	49.033	2901.217	2606.058	
Cluster	MLOS		21	2 10	05:50	E	7.250	39.675	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		17	1.70	06:00	E	9.717	37.208	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		20	1.20	04:35	E	10.708	36.217	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		18	1.10	06:55	E	11.542	35.383	49.908	46.925	49.033	2901.217	2606.058	
Cluster	MLOS		19	1.10	06:40	E	12.133	34.792	49.908	46.925	49.033	2901.217	2606 058	
Anomaly	MLOS		20	1 80	05:35	E	12.408	34.517	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		21	1.40	05:35	E	13.125	33 800	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		20	1.00	05:30	E	13.333	33.592	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		16	0.70	06:45	E	13.858	33.067	49.908	46.925	49.033	2901.217	2606.058	
Cluster	MLOS		26	2.20	05:50	E	14.608	32.317	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		19	0.90	05:40	E	15.158	31.767	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		27	1.80	06:30	E	15.442	31.483	49.908	46.925	49.033	2901.217	2606.058	

EMPCO-ARKGOV006854

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	15	1.40	05:45	E	15 767	31.158	49.908	46 925	49 033	2901.217	2606.058	
Anomaly	MLOS		15	1.30	06:50	E	16.258	30.667	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		23	1.60	06:10	E	17.117	29.808	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		16	0.90	04:55	E	17.458	29.467	49.908	46 925	49.033	2901.217	2606.058	
Anomaly	MLOS		19	1.30	06:20	E	17.567	29.358	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		15	1.40	06:30	E	18.492	28.433	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		15	1.40	06:25	E	44.342	2.583	49.908	46.925	49.033	2901.217	2606.058	
Anomaly	MLOS		16	0.90	05:40	E	0.983	48 050	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		25	1 40	06:10	E	3.533	45.500	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		15	0.90	06:00	E	4.400	44.633	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		15	0.90	05:50	E	5.383	43 650	46.925	49.033	51.008	2948.142	2557.025	
Cluster	MLOS		15	2 10	06:10	E	6.600	42.433	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		15	1.10	06:25	E	11.733	37.300	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		18	0.90	06:45	E	36.350	12.683	46.925	49.033	51.008	2948.142	2557.025	
Anomaly	MLOS		23	1.20	06:25	E	5.800	45.208	49.033	51.008	49.175	2997.175	2506.017	
Anomaly	MLOS		17	0.70	06:50	E	16.867	32 308	51.008	49.175	39.158	3048.183	2456.842	
Anomaly	MLOS		18	1.00	05:10	E	23 075	26.100	51.008	49.175	39.158	3048.183	2456.842	
Anomaly	MLOS		18	0.90	05:00	E	1.542	37.617	49.175	39 158	50.850	3097.358	2417.683	
Anomaly	MLOS		15	1.20	05:40	E	2.267	36.892	49.175	39 158	50.850	3097.358	2417.683	
Anomaly	MLOS		18	1 40	05:30	E	7.517	31.642	49.175	39.158	50.850	3097.358	2417.683	
Anomaly	MLOS		15	0.90	05:30	E	7.833	31.325	49.175	39 158	50.850	3097.358	2417.683	
Anomaly	MLOS		15	1.30	05:30	E	12.100	27.058	49.175	39.158	50.850	3097.358	2417.683	
Anomaly	MLOS		17	1.50	04:30	E	14.033	25.125	49.175	39.158	50.850	3097.358	2417.683	
Anomaly	MLOS		18	0.90	05:45	E	20.200	18.958	49.175	39.158	50.850	3097.358	2417.683	
Anomaly	MLOS		18	1.00	06:05	E	21.692	24.175	42.225	45.867	50.067	3396.992	2111.342	
Anomaly	MLOS		16	1.00	06:10	E	42.983	2.883	42.225	45.867	50.067	3396.992	2111.342	
Anomaly	MLOS		18	0.60	06:40	E	44.217	1.650	42.225	45.867	50.067	3396.992	2111.342	
Anomaly	MLOS		15	1.20	05:40	E	7.733	42.333	45.867	50.067	45.608	3442.858	2061.275	
Anomaly	MLOS		15	1.40	05:15	E	8.675	41 392	45.867	50.067	45.608	3442.858	2061.275	
Cluster	MLOS		19	0.90	06:50	E	33.008	17.058	45.867	50.067	45.608	3442.858	2061 275	
Anomaly	MLOS		21	1.40	06:50	E	47.417	2.650	45.867	50.067	45.608	3442.858	2061.275	
Anomaly	MLOS		19	0 90	05:05	E	1.600	44 008	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		16	1.30	05:00	E	5.200	40.408	50.067	45.608	49.608	3492.925	2015.667	

EMPCO-ARKGOV006855

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	25	1.10	06.05	E	12.900	32.708	50 067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		16	1.00	06.10	E	20.983	24.625	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		20	0.90	06:40	E	21.883	23.725	50.067	45 608	49.608	3492.925	2015.667	
Anomaly	MLOS		18	0.70	06:00	E	22.567	23.042	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		26	0.70	06:00	E	23.875	21.733	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		16	1.20	06:00	E	24.050	21.558	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		17	1.00	06:35	E	30.142	15.467	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		16	0.90	04:55	E	42.967	2.642	50.067	45.608	49.608	3492.925	2015.667	
Anomaly	MLOS		19	1.20	06:30	E	0.267	49.342	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		15	1.10	04:45	E	5.725	43.883	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		16	1.70	06:10	E	9.342	40.267	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		17	1.10	04:30	E	10.308	39.300	45.608	49.608	45.767	3538.533	1966.058	
Cluster	MLOS		15	2.20	06:50	E	12.292	37.317	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		16	1.30	06:45	E	14 592	35.017	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		16	1.20	06:30	E	18.483	31.125	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		17	1.30	04:20	E	18.975	30.633	45.608	49.608	45 767	3538.533	1966.058	
Cluster	MLOS		20	1.60	06:45	E	18.983	30.625	45.608	49.608	45 767	3538.533	1966.058	
Anomaly	MLOS		16	1.20	06:00	E	22.025	27.583	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		19	1.90	05:00	E	25 475	24.133	45.608	49.608	45.767	3538.533	1966 058	
Anomaly	MLOS		16	1.20	06:50	E	25.625	23.983	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		15	0.90	06:00	E	26.092	23.517	45.608	49.608	45.767	3538.533	1966.058	
Anomaly	MLOS		17	0 80	04:15	E	8.925	36 842	49.608	45.767	45.267	3588.142	1920.292	
Anomaly	MLOS		18	1.20	04:50	E	11.192	34.575	49.608	45 767	45.267	3588.142	1920.292	
Anomaly	MLOS		20	0.90	06:20	E	0.567	49.050	45 267	49.617	44.158	3679.175	1825.408	
Anomaly	MLOS		16	1.40	05:25	E	33.700	15.917	45.267	49.617	44.158	3679.175	1825.408	
Anomaly	MLOS		16	0 40	06:05	I	1.083	45.275	46.633	46.358	46.242	4098.717	1409 125	
Anomaly	MLOS		15	0.40	06:05	E	3.300	43.058	46.633	46.358	46.242	4098.717	1409.125	
NCA	NCA			0.00	02:10	I	16.567	30.867	43.250	47 433	49.750	5400.267	106.500	Mill Anomaly
Marker	VALV						2.358	2.133				5551.842	3005.450	Valve B.V. # G19 790+41 B.M. V014.96
Anomaly	MLOS		18	1.10	08:40	I	15 017	34.567	46.142	49.583	51.258	870.067	2087.933	
Anomaly	MLOS		21	0.70	05:50	I	2.092	49.167	49.583	51.258	46.633	919.650	2036.675	
Anomaly	MLOS		16	0.30	06:00	E	38.100	13.158	49.583	51.258	46.633	919.650	2036.675	
Anomaly	MLOS		21	0.80	06:25	I	0.133	46.500	51.258	46.633	35.567	970.908	1990.042	

EMPCO-ARKGOV006856

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	20	0.60	05.50	E	10.975	24.592	46 633	35 567	44.517	1017.542	1954.475	
Anomaly	MLOS		16	1.70	07:40	E	44.708	0.258	49.058	44.967	46 358	1289.900	1672.717	
Cluster	MLOS		25	5.40	07:40	E	0 275	46.083	44.967	46.358	46.575	1334.867	1626.358	
Anomaly	MLOS		16	1.40	07:30	E	0.917	45.442	44 967	46.358	46.575	1334.867	1626.358	
Cluster	MLOS		17	1.80	07:25	E	2.875	43.483	44.967	46.358	46 575	1334.867	1626.358	
Anomaly	MLOS		16	1.40	07:20	E	3 875	42.483	44.967	46.358	46 575	1334.867	1626.358	
Anomaly	MLOS		18	1.10	07:25	E	6.700	39.658	44.967	46.358	46.575	1334.867	1626.358	
Anomaly	MLOS		15	0.50	05:55	I	7.042	39.317	44.967	46.358	46.575	1334.867	1626.358	
Anomaly	MLOS		17	0.70	06:15	I	32.992	13.367	44.967	46.358	46.575	1334.867	1626.358	
Anomaly	MLOS		19	0.50	07:10	I	41.708	4.650	44.967	46.358	46.575	1334.867	1626.358	
Anomaly	MLOS		30	0.80	06.00	I	42.608	3.750	44.967	46.358	46 575	1334.867	1626.358	
Anomaly	MLOS		15	1.80	07:35	E	19 325	32.117	47.767	51.442	46.367	1570.033	1386.108	
NCA	NCA			0.00	02:35	I	21.325	19.117	48 725	40.442	47.808	2187.942	779.200	Mill Anomaly
Marker	AGM						12.900	33.150				2994.683	5633.000	AGM 760+08 B.M. A014 39
NCA	NCA			0.00	01:35	E	22.475	11.983	46.742	34.458	49.475	255.283	5376.408	Excess Metal
NCA	NCA			0.00	11:40	I	7.833	41.642	34.458	49.475	43.325	289.742	5326.933	Mill Anomaly
Anomaly	MLOS		17	0.50	05:50	I	42.867	3.592	47.142	46.458	47.058	475.208	5144.483	
Anomaly	MLOS		15	0.60	06:25	E	15.083	27.875	47.417	42.958	48.217	1169.342	4453 850	
Anomaly	MLOS		15	1.00	04:35	E	15.700	27.258	47.417	42.958	48.217	1169.342	4453 850	
Anomaly	MLOS		18	0.80	05:05	E	11.533	36.683	42.958	48.217	49.625	1212.300	4405.633	
Anomaly	MLOS		19	0.90	05:00	E	17.792	30.425	42.958	48.217	49.625	1212.300	4405.633	
Anomaly	MLOS		22	0 70	05:30	E	17.992	30 225	42.958	48.217	49.625	1212.300	4405.633	
Anomaly	MLOS		16	0.80	06:25	E	26.225	21.992	42.958	48.217	49.625	1212.300	4405.633	
Anomaly	MLOS		15	1.00	05:10	E	32.258	15.958	42.958	48.217	49 625	1212.300	4405.633	
NCA	NCA			0.00	01:00	E	45 692	3.225	47.008	48.917	50.925	3602.633	2014.600	Metal In Close Proximity
Anomaly	MLOS		16	0.90	05:55	E	47.817	1.350	49.783	49.167	34.717	5331.058	285.925	
Anomaly	MLOS		23	0.50	05:35	I	38.467	10.300	44.208	48.767	48.100	5557.342	60.042	
Anomaly	MLOS		15	0.60	05:15	I	4.342	43 758	48.767	48.100	44.058	5606.108	11.942	
Anomaly	MLOS		32	0 80	06:10	I	25.192	22.908	48.767	48.100	44.058	5606.108	11.942	
Marker	AGM						11.942	32.117				5654.208	6005.233	AGM 703+69 B.M. A013.32
Anomaly	MLOS		26	0.80	05:55	I	0.483	48.733	47.992	49.217	43.250	1776.517	4211.617	
Cluster	MLOS		16	0.80	09:20	I	41.158	4.225	43.250	45.383	49.450	1868.983	4122 983	
Anomaly	MLOS		18	0.80	05:50	I	23.000	25.775	45.450	48.775	49.825	3997.125	1991 450	

EMPCO-ARKGOV006857

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0.40	05:50	E	10 508	39.850	46.258	50.358	44.042	4141.983	1845.008	
Anomaly	MLOS		20	0.60	06:25	E	21.125	29.233	46.258	50 358	44.042	4141.983	1845.008	
Anomaly	MLOS		18	0 50	05:45	I	25.633	24 725	46.258	50.358	44.042	4141.983	1845.008	
NCA	NCA			0.00	10:40	I	39.408	7.908	44.042	47 317	49.200	4236.383	1753.650	Mill Anomaly
Anomaly	MLOS		17	0.60	05:55	I	35 408	14.725	48.558	50.133	43.200	4626.408	1360.808	
Anomaly	MLOS		16	1.40	12:55	I	34.050	17.317	49.258	51.367	48.550	5063.475	922.508	
Anomaly	MLOS		18	1.30	01:00	I	37 667	13.700	49.258	51.367	48.550	5063.475	922.508	
NCA	NCA			0.00	01:15	I	20 400	26.050	49.867	46 450	45.192	5213.258	777.642	Mill Anomaly
Anomaly	MLOS		16	1.30	11:30	I	37.192	9.258	49.867	46 450	45.192	5213.258	777.642	
Anomaly	MLOS		25	0.50	06:30	I	39 242	7.208	49.867	46.450	45.192	5213.258	777.642	
Anomaly	MLOS		16	0.50	06:50	E	19 683	29.808	49.708	49.492	46.125	5354.608	633.250	
NCA	NCA			0.00	02:50	E	32.742	16 758	48.358	49.500	48.425	5938.008	49.842	Metal In Close Proximity
Marker	AGM						1.417	48 992				6035.933	4263.417	AGM 643+31 B.M. A012.18
Anomaly	MLOS		23	0 80	05:50	I	41.258	9.192	48.317	50.450	49.200	1352.808	2909.150	
Anomaly	MLOS		20	0.80	06:05	I	42 675	7.775	48.317	50.450	49.200	1352.808	2909.150	
Anomaly	MLOS		21	0.60	06:05	I	44 583	5.867	48.317	50 450	49.200	1352.808	2909.150	
Anomaly	MLOS		21	0.90	06:00	I	47.925	2.525	48.317	50 450	49.200	1352.808	2909.150	
Anomaly	MLOS		15	0.40	05:50	E	40.425	5.683	48.367	46 108	47.867	1842.892	2423.408	
Anomaly	MLOS		21	0.90	09:40	I	11.308	39.842	49.100	51.150	48.808	2079.467	2181 792	
Anomaly	MLOS		16	0 70	11:40	E	48.325	2.825	49 100	51.150	48.808	2079.467	2181.792	
Anomaly	MLOS		17	0.40	05:50	I	8.300	38.308	47.675	46.608	44.008	3154.025	1111.775	
Marker	AGM						28 675	18.358				4283.733	7117.992	AGM 600+23 B.M. A011.36 (INS)
NCA	NCA			0.00	12:50	I	33.608	7.233	51.292	40.842	44.675	455.917	6639.592	Long Seam Anomaly
NCA	NCA			0 00	01:10	I	33.617	7.225	51.292	40.842	44.675	455.917	6639.592	Long Seam Anomaly
Anomaly	MLOS		16	0 30	05:45	I	2.033	47.875	37.233	49.908	47.833	1056.533	6029.908	
Anomaly	MLOS		20	0 60	07:40	I	24.383	24 242	45.375	48.625	47.967	1199.650	5888 075	
Anomaly	MLOS		18	0.40	06:00	I	36.617	12 008	45.375	48.625	47.967	1199.650	5888.075	
Anomaly	MLOS		23	0.70	05:50	I	40.592	8.033	45.375	48.625	47.967	1199.650	5888.075	
Anomaly	MLOS		26	0 70	06:00	I	43.283	5.342	45.375	48.625	47.967	1199.650	5888.075	
Anomaly	MLOS		15	0 50	06:25	E	1.542	46.425	48.625	47.967	42.617	1248.275	5840.108	
Anomaly	MLOS		21	0.50	11:00	I	1.492	44.592	47 950	46.083	47.550	1919.333	5170.933	
Anomaly	MLOS		16	0.80	06:15	E	39 717	7.833	47.217	47.550	49.725	3137.142	3951 658	
NCA	NCA			0.00	12:00	I	19 408	26.250	48.067	45.658	47.525	3424.575	3666.117	Mill Anomaly

EMPCO-ARKGOV006858

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	16	0.60	05:50	I	24.100	23.425	45.658	47.525	49.567	3470.233	3618.592	
Anomaly	MLOS		16	0.60	05:50	I	25.233	22.292	45.658	47.525	49.567	3470.233	3618 592	
Anomaly	MLOS		19	1.00	05:50	I	28 917	18.608	45.658	47.525	49.567	3470.233	3618.592	
Anomaly	MLOS		17	0.60	05:30	I	29.167	18.358	45.658	47.525	49.567	3470.233	3618.592	
Anomaly	MLOS		16	0.60	05:35	I	38.250	9.275	45.658	47.525	49.567	3470.233	3618.592	
Cluster	MLOS		17	2.30	06:00	I	39.658	7.867	45.658	47.525	49.567	3470.233	3618 592	
Cluster	MLOS		22	0.90	05:50	I	43.275	4.250	45.658	47.525	49.567	3470.233	3618.592	
Anomaly	MLOS		27	1.40	10:45	I	24 325	21 967	49.567	46.292	46.325	3567.325	3522.733	
Anomaly	MLOS		24	1.50	10:30	I	43.150	3.142	49.567	46.292	46.325	3567.325	3522.733	Long Seam Zone
Anomaly	MLOS		16	0.50	12:10	E	43.742	4.850	46.325	48.592	48.950	3659.942	3427.817	
Anomaly	MLOS		28	1 00	05:50	I	0.317	46.150	48.950	46.467	45.758	3757.483	3332 400	
Anomaly	MLOS		15	1.60	02:00	E	45 633	0.783	44.867	46.417	46.117	3990.992	3098.942	
Anomaly	MLOS		23	0.90	07:40	I	39.525	6.842	51.733	46.367	48.217	4542.992	2546.992	
NCA	NCA			0.00	01:00	I	6.633	42.783	45.842	49.417	46.467	6806.842	280.092	Mill Anomaly
Marker	AGM						41.983	6.625				7094.367	7456.975	AGM 528+77 B.M. A010.01
Anomaly	MLOS		18	0.50	05:50	I	47.325	1.342	45.925	48.667	46.892	1087.758	6327.175	
Anomaly	MLOS		30	1.00	06:20	I	9.650	40.508	46.992	50.158	50.225	1280.608	6132.833	
Anomaly	MLOS		20	0 80	05:50	I	20.442	29.783	50.158	50.225	46.583	1330.767	6082.608	
Anomaly	MLOS		18	0 60	05:50	I	33.483	16.725	44.858	50.208	49.917	1604.883	5808.508	
Anomaly	MLOS		22	0 90	05:45	I	47.108	2.558	49.917	49.667	44.650	1705.008	5708.925	
Anomaly	MLOS		18	0 50	05:55	I	9.300	35.383	44.650	44.683	46.317	1799.325	5619.592	
Anomaly	MLOS		18	0.50	05:50	I	48.458	0.750	46.317	49.208	47.792	1890.325	5524.067	
Anomaly	MLOS		16	0.60	05:50	I	41.150	6.642	49.208	47.792	49.108	1939.533	5476.275	
Anomaly	MLOS		17	0.50	06:00	I	2.083	47.317	44.333	49.400	45.842	2317.900	5096.300	
Anomaly	MLOS		18	0.50	05:55	E	2.942	46.458	44.333	49.400	45.842	2317.900	5096 300	
Anomaly	MLOS		25	0.60	06:00	I	5.167	44.233	44.333	49.400	45.842	2317.900	5096.300	
Anomaly	MLOS		28	0 70	06:00	I	12.792	36.608	44.333	49.400	45.842	2317.900	5096.300	
Anomaly	MLOS		28	0 80	05:55	I	13.167	36.233	44.333	49.400	45.842	2317.900	5096.300	
Cluster	MLOS		15	2.90	05:50	I	15.142	34.258	44.333	49.400	45.842	2317.900	5096.300	
Cluster	MLOS		20	1.90	09:30	I	29.058	19.633	46 033	48.692	46.808	2976.833	4438.075	
Anomaly	MLOS		15	3 00	04:55	E	10.800	33.275	50.225	44.075	43.225	3260.167	4159.358	
Anomaly	MLOS		26	0.80	11:55	I	30.300	20.092	42.275	50.392	46.508	3435.600	3977.608	Long Seam Zone
Anomaly	MLOS		20	0 70	01:50	I	18.550	27.108	47.050	45.658	49.242	4282.742	3135.200	

EMPCO-ARKGOV006859

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	15	0 70	09:40	I	30.467	15.808	46.575	46 275	48.392	5275.267	2142.058	
NCA	NCA			0.00	01:00	I	24.475	23.242	45.967	47.717	49.833	5509.142	1906.742	Long Seam Anomaly
Anomaly	MLOS		15	0.40	12:00	I	14.633	30.967	46.208	45.600	44.408	6268.075	1149 925	
Anomaly	MLOS		22	0.80	05:30	I	25 775	22.342	45.933	48.117	46.658	7437.317	-21.833	
Marker	AGM						26.283	21.833				7437.317	3257.308	AGM 454+12 B.M. A008.60
Anomaly	MLOS		15	0.50	06:30	I	37.058	11.058	45.933	48.117	46.658	-26.283	3257.308	
Cluster	MLOS		31	2.20	05:50	I	39.683	8.433	45.933	48.117	46.658	-26.283	3257.308	
Anomaly	MLOS		22	0.60	06:30	I	43.800	4.317	45.933	48.117	46.658	-26.283	3257.308	
Anomaly	MLOS		28	0.80	06.00	I	44.383	3.733	45.933	48.117	46.658	-26.283	3257.308	
Anomaly	MLOS		18	1.10	05:55	I	47.092	1.025	45 933	48.117	46.658	-26.283	3257.308	
Anomaly	MLOS		28	1.00	05.50	I	3.008	43.650	48 117	46.658	50.833	21.833	3210.650	
Anomaly	MLOS		20	0 50	05:50	I	16.358	30.300	48.117	46 658	50.833	21.833	3210.650	
Cluster	MLOS		25	1.40	05:50	I	16.525	30.133	48.117	46.658	50.833	21.833	3210 650	
Anomaly	MLOS		26	0.70	05:50	I	17.000	29.658	48.117	46.658	50.833	21 833	3210.650	
Anomaly	MLOS		16	0.50	06:05	E	25.175	21.483	48.117	46.658	50.833	21.833	3210.650	
Anomaly	MLOS		27	0.90	06:00	I	35.325	13.800	44.842	49.125	51.375	2485.300	744.717	
Anomaly	MLOS		28	0.90	05:50	I	41.075	8.050	44.842	49.125	51 375	2485.300	744.717	
Anomaly	MLOS		18	1.10	08:15	E	3.042	44.642	49.983	47.683	46 383	3024.583	206.875	
Marker	AGM						21.025	26.775				3258.117	3232.908	AGM 421+37 B.M. A007.98 (INS)
Anomaly	MLOS		31	0.60	08:45	E	17.267	29.000	43.983	46.267	46.308	70.758	3142.658	
NCA	NCA			0.00	05:40	E	23.867	22.400	43.983	46.267	46.308	70.758	3142.658	Metal In Close Proximity
Anomaly	MLOS		16	1.00	07:05	I	39.092	6.858	46.308	45.950	46.350	163.333	3050.400	
Anomaly	MLOS		18	0.50	08:50	I	7.883	37.533	49.217	45.417	48.850	887.800	2326.467	
Anomaly	MLOS		16	0 90	10:50	I	8.025	40.767	48.683	48.792	50.542	1606.425	1604.467	
Anomaly	MLOS		18	0.80	06:55	E	34.908	12.133	46.458	47.042	48.517	2240.717	971.925	
Anomaly	MLOS		22	0.80	02:40	I	1 817	42.342	50.642	44.158	49.083	2712.042	503.483	
Anomaly	MLOS		19	0.40	05:50	I	43.092	4.025	50.425	47.117	47.650	2953.167	259.400	
Anomaly	MLOS		24	0.60	05:50	I	46.758	0.358	50.425	47.117	47.650	2953.167	259.400	
Anomaly	MLOS		15	0.70	05:50	I	21.717	28.167	50.058	49.883	47.975	3189.992	19.808	
Anomaly	MLOS		19	0.70	05:50	I	49.125	0.758	50.058	49.883	47.975	3189.992	19.808	
Marker	AGM						19.808	28.167				3239.875	7525.500	AGM 388+71 B.M. A007.36
Anomaly	MLOS		16	0.40	05:50	E	33.925	10.442	45.308	44.367	45.475	118.850	7390.450	
Anomaly	MLOS		29	0.60	05:55	I	41.992	2.375	45.308	44.367	45.475	118.850	7390.450	

EMPCO-ARKGOV006860

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
NCA	NCA	(b) (7)(F)		0.00	11:20	E	8.892	38.117	47.383	47.008	45.417	304.242	7202.417	Metal In Close Proximity
NCA	NCA			0.00	12:55	E	19.242	27.767	47.383	47.008	45.417	304.242	7202.417	Metal In Close Proximity
Anomaly	MLOS		15	0.60	06.10	I	9 033	35.425	43.625	44.458	48.742	851.125	6658.083	
Anomaly	MLOS		18	0.40	05:20	I	1.467	42.117	45.433	43.583	45.242	1086.258	6423.825	
Anomaly	MLOS		16	0.80	05:45	I	23.642	24.733	45.242	48.375	50.183	1175.083	6330.208	
Anomaly	MLOS		17	0.70	05:55	I	39.525	8.850	45.242	48.375	50.183	1175.083	6330.208	
Anomaly	MLOS		17	0.50	05:55	I	44.700	3.675	45.242	48.375	50.183	1175.083	6330.208	
Anomaly	MLOS		25	0.80	05:50	I	38.408	11.083	50 183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		30	1.00	05:50	I	38.875	10 617	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		17	0.90	05:55	I	39 167	10.325	50.183	49.492	44.008	1273.642	6230 533	
Anomaly	MLOS		15	0.70	05:50	I	40.600	8.892	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		20	0.40	05:50	I	41.883	7.608	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		29	1.50	05:35	I	42.083	7.408	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		18	0.80	05:20	I	46.033	3.458	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		23	0 80	05:50	I	46.375	3.117	50.183	49.492	44.008	1273.642	6230.533	
Anomaly	MLOS		15	0.70	06:00	I	2.342	41.667	49.492	44.008	47.200	1323.133	6186.525	
Anomaly	MLOS		20	0 50	05:50	I	32.083	16.567	49.142	48.650	47.017	1513.050	5991.967	
NCA	NCA			0.00	12:25	I	38.250	6.092	43.642	44.342	44.950	1702.625	5806.700	Long Seam Anomaly
Anomaly	MLOS		17	1.40	11:50	E	4.925	29.567	49.692	34.492	50.125	2412.883	5106.292	
Anomaly	MLOS		29	0.80	05:50	I	11.658	35.408	47.600	47.067	48.417	3910.433	3596.167	
Anomaly	MLOS		18	0.60	06:00	I	16.192	30 875	47.600	47.067	48.417	3910.433	3596.167	
Anomaly	MLOS		18	1.10	05:50	I	16.625	30.442	47.600	47.067	48.417	3910.433	3596.167	
Anomaly	MLOS		25	1.40	05:50	I	17.733	29.333	47.600	47.067	48 417	3910.433	3596.167	
NCA	NCA			0.00	09:15	I	1.292	44.450	47.525	45.742	42.692	4659.558	2848.367	Excess Metal
Anomaly	MLOS		19	0.40	05:50	I	6.467	40.758	43.450	47.225	48.408	4823.608	2682 833	
Anomaly	MLOS		24	0.80	05:45	I	37.633	9.592	43.450	47.225	48.408	4823.608	2682.833	
Anomaly	MLOS		17	0.50	05:10	I	8.492	34.017	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		30	0.90	05:10	I	9.117	33.392	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		23	0.80	05:30	I	13.975	28.533	39.525	42 508	34.075	4958.767	2552.392	
Anomaly	MLOS		22	0.90	05:20	I	17.075	25.433	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		23	0.70	05:30	I	17.417	25.092	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		17	0.60	04:55	I	18.142	24.367	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		15	0.50	07:05	I	22.408	20.100	39.525	42 508	34.075	4958.767	2552.392	

EMPCO-ARKGOV006861

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.80	07:00	I	22.892	19.617	39.525	42.508	34.075	4958.767	2552.392	
Cluster	MLOS		22	1.80	06:15	I	27 342	15.167	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		19	0.80	05:55	I	34 508	8.000	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		15	0.50	06:00	I	35 183	7.325	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		15	0.70	05:50	I	36 592	5.917	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		20	0.70	05:50	I	39 717	2.792	39.525	42.508	34.075	4958.767	2552.392	
Anomaly	MLOS		16	0.30	07:00	I	44.642	1.067	49.767	45.708	50.417	5613.883	1894.075	
Anomaly	MLOS		29	0.60	05:50	E	16.575	26.942	21.667	43.517	41.758	7017.233	492.917	
Anomaly	MLOS		19	0.60	05:55	I	22.708	20.808	21.667	43.517	41.758	7017.233	492.917	
Anomaly	MLOS		18	0.80	04:50	I	21.983	18.925	41.758	40.908	43 417	7102.508	410.250	
NCA	NCA			0.00	02:40	I	42.225	1.192	40.908	43.417	44 283	7143.417	366.833	Mill Anomaly
Anomaly	MLOS		26	0.70	02:00	E	43.058	0.358	40.908	43.417	44.283	7143.417	366.833	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.70	05:30	I	28.442	20.958	44.233	49.400	46.300	7314.775	189.492	
Anomaly	MLOS		17	0.50	05:25	I	37.100	12.300	44 233	49.400	46.300	7314.775	189.492	
Anomaly	MLOS		19	0.70	05:55	I	37.767	11.633	44.233	49.400	46.300	7314.775	189.492	
Anomaly	MLOS		27	0.80	05:15	I	38.075	11.325	44.233	49.400	46.300	7314.775	189.492	
Anomaly	MLOS		18	0.60	05:40	I	39.833	9.567	44.233	49.400	46.300	7314.775	189.492	
Anomaly	MLOS		40	1 00	05:50	I	41.367	8.033	44.233	49.400	46.300	7314.775	189.492	
Marker	AGM						0.092	46.558				7553.575	10015.567	AGM 312+44 B.M. A005.91
Anomaly	MLOS		25	0.90	06:10	I	29.550	20.125	23.783	49.675	1.917	70.342	9942.108	
Anomaly	MLOS		15	0.60	05:50	I	29.825	19.850	23.783	49.675	1.917	70.342	9942.108	
Anomaly	MLOS		32	1.20	06:05	I	30.967	18.708	23.783	49.675	1.917	70.342	9942.108	
Cluster	MLOS		18	0.90	05:20	I	31 983	17.692	23.783	49.675	1.917	70.342	9942.108	
Anomaly	MLOS		15	0 80	06:20	I	32.875	16.800	23.783	49.675	1.917	70.342	9942.108	
NCA	NCA			0 00	09:50	I	1 067	45.008	46.833	46.075	43 667	780.075	9235.975	Mill Anomaly
Anomaly	MLOS		15	0 60	05:50	I	24.100	22.700	46.417	46.800	9.575	5963.467	4051.858	
Anomaly	MLOS		15	0.70	05:50	I	25.225	21.575	46 417	46.800	9.575	5963.467	4051 858	
Cluster	MLOS		17	1.40	05:50	I	25.458	21.342	46.417	46.800	9.575	5963.467	4051.858	
Anomaly	MLOS		16	0.70	04:40	E	25.592	21.208	46.417	46.800	9.575	5963.467	4051 858	
Anomaly	MLOS		18	0.60	05:45	I	26.275	20.525	46.417	46.800	9.575	5963.467	4051.858	
Anomaly	MLOS		25	1.30	05:40	I	26.458	20.342	46.417	46.800	9.575	5963.467	4051.858	
Anomaly	MLOS		15	0.70	06:15	I	28.508	18.292	46.417	46.800	9.575	5963.467	4051.858	
Anomaly	MLOS		15	0.70	06:00	I	30.092	16.708	46.417	46 800	9.575	5963.467	4051.858	

EMPCO-ARKGOV006862

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
NCA	NCA	(b) (7)(F)		0.00	10:35	I	2.817	37.117	43.025	39.933	34.175	6987.442	3034.750	Mill Anomaly
NCA	NCA			0.00	04:50	I	2.275	31.900	39.933	34.175	38 625	7027.375	3000.575	Mill Anomaly
NCA	NCA			0.00	09:15	I	3.683	32.125	34.400	35 808	36.733	7419.883	2606.433	Mill Anomaly
NCA	NCA			0.00	09:50	I	3.817	37.825	33.525	41.642	42.750	7848.133	2172.350	Mill Anomaly
Anomaly	MLOS		23	1.00	09:25	I	3.983	37.658	33.525	41.642	42.750	7848.133	2172.350	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	04:30	I	8.708	34.042	41.642	42 750	42.675	7889.775	2129.600	Mill Anomaly
Cluster	MLOS		24	1.50	05:55	I	29.275	12.225	42.675	41.500	35.517	7975.200	2045.425	
NCA	NCA			0.00	02:25	I	4.333	31.183	41.500	35.517	27.075	8016.700	2009.908	Mill Anomaly
NCA	NCA			0.00	01:30	I	3.767	30.200	32.583	33.967	26.642	8183.425	1844.733	Mill Anomaly
NCA	NCA			0.00	11:45	I	4.458	29.508	32.583	33.967	26 642	8183.425	1844.733	Mill Anomaly
Anomaly	MLOS		18	0.30	04:25	E	0.742	25 550	41.800	26.292	36.417	8414.708	1621.125	
Anomaly	MLOS		20	0.70	04:30	E	35.983	6.200	43.542	42.183	42.517	8595.708	1424.233	
Marker	AGM						31.317	9.725				10030.808	5762.300	AGM 218+22 B.M. A004.13
Anomaly	MLOS		25	0.90	11:25	I	7.425	34.617	40.525	42.042	42.642	239.958	5490.025	
Anomaly	MLOS		26	0.90	05:15	I	0.175	43.825	38.950	44.000	30.358	710.633	5017.392	
Anomaly	MLOS		23	0.50	02:50	I	30.917	5.242	35.150	36.158	35.808	1119.600	4616.267	Possible Non-Corrosion Anomaly
Anomaly	MLOS		29	1.10	12:35	I	34.150	2.008	35.150	36.158	35.808	1119.600	4616.267	Possible Non-Corrosion Anomaly
Anomaly	MLOS		21	0.70	08:15	I	29.250	1.275	35.808	30.525	34.625	1191.567	4549.933	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0 50	05:20	I	24.158	11.733	34.625	35.892	36.083	1256.717	4479.417	
NCA	NCA			0 00	01:35	I	6.175	27.083	30.192	33.258	32.792	1683.625	4055.142	Mill Anomaly
Anomaly	MLOS		20	0.60	12:50	I	23.283	9.508	33.258	32.792	39.758	1716.883	4022 350	Possible Non-Corrosion Anomaly
Anomaly	MLOS		25	0.70	05:15	I	12.842	30.117	41.517	42.958	42.692	2808.892	2920.175	
Anomaly	MLOS		24	0.80	01:35	I	2.117	42.708	41.975	44.825	34.333	3906.883	1820.317	
Anomaly	MLOS		19	0.70	12:50	I	7.125	33.200	36.875	40.325	42.342	4106.717	1624.983	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	01:50	I	8.492	31.833	36.875	40.325	42.342	4106.717	1624.983	Mill Anomaly
Anomaly	MLOS		18	0.90	02:10	I	33.283	9.658	43.517	42.942	42.025	4344.758	1384.325	Possible Non-Corrosion Anomaly
Cluster	MLOS		33	1.10	05:35	E	4.292	0.017	43.133	4.308	41.800	5336.850	430.867	Girth Weld Zone
NCA	NCA			0.00	11:10	I	2.667	40.250	42.567	42.917	43.342	5466.142	262.967	Mill Anomaly
Anomaly	MLOS		28	1.30	05:40	E	20.808	12.167	43.100	32.975	43.967	5723.350	15.700	
Anomaly	MLOS		18	0.80	07:15	E	31.725	1.250	43.100	32.975	43.967	5723.350	15.700	
Marker	AGM						15.700	28.267				5756.325	5308.667	AGM 154+72 B.M. A002.93 (INS)
Anomaly	MLOS		33	0.60	10:05	I	39.675	0.675	43.967	40.350	42.492	28.267	5268.317	Possible Non-Corrosion Anomaly
Anomaly	MLOS		17	0.70	12:35	I	5.200	37.425	41.825	42.625	32.875	394.742	4899.567	Possible Non-Corrosion Anomaly

EMPCO-ARKGOV006863

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth	Length	Clock	ID/OD	USW	DSW	US	Current	DS	UWM	DWM	
		(ft.)	(%)	(in.)			(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	(ft.)	
Cluster	MLOS	(b) (7)(F)	22	1.20	05.50	I	17.300	26.408	42.267	43 708	32.058	1453.275	3839.950	
Anomaly	MLOS		23	0.50	10:05	I	36.408	4.475	43.492	40.883	42.358	1697.517	3598 533	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	04:30	I	3.058	32.700	41.733	35.758	42.617	1822.492	3478.683	Mill Anomaly
Anomaly	MLOS		23	1.50	08:00	I	4.300	39 067	32.525	43.367	43.367	2337.742	2955 825	Possible Non-Corrosion Anomaly
Anomaly	MLOS		19	0.30	11:05	I	36.808	6.558	43.367	43 367	42.050	2381.108	2912.458	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	09:20	E	30.292	12.233	36.950	42 525	29.542	2503.475	2790 933	Excess Metal
Anomaly	MLOS		35	0.80	07:00	I	12.758	14.950	40.733	27.708	39.575	2866.558	2442 667	Possible Non-Corrosion Anomaly
Anomaly	MLOS		30	1.40	06:30	E	39.017	0.217	41.808	39.233	40.608	3348.542	1949.158	
Anomaly	MLOS		23	1.00	05:50	E	39.875	2.158	40.608	42.033	36.692	3428.383	1866.517	
Anomaly	MLOS		24	0.60	08:10	I	35.117	1.575	42.033	36.692	41.742	3470.417	1829.825	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.30	09:25	I	33.608	7.967	41.742	41.575	43.492	3548.850	1746.508	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	0.40	12:20	I	37.625	3.950	43.042	41.575	36.433	3717.058	1578.300	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0.70	07:00	E	24.875	20.025	41.750	44.900	43.108	3919.800	1372.233	
Anomaly	MLOS		18	0.50	12:45	I	0.642	38.992	43 092	39.633	41 792	4136.158	1161.142	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.60	09:40	I	36.983	0.208	42.508	37.192	33.133	4440.775	858.967	Possible Non-Corrosion Anomaly
Anomaly	MLOS		23	0.70	12:55	I	2.775	38 317	33.133	41.092	43 233	4511.100	784.742	
Anomaly	MLOS		28	0.40	04:15	I	36.633	6.150	43.233	42.783	38.258	4595.425	698.725	Possible Non-Corrosion Anomaly
NCA	NCA			0 00	07:15	I	2.142	36.117	42.783	38.258	41.900	4638.208	660.467	Mill Anomaly
Anomaly	MLOS		33	0.60	05:10	I	0 283	35.642	40.858	35.925	6.192	4865.008	436.000	
Anomaly	MLOS		29	0.50	04:35	E	26.067	9.858	40.858	35.925	6.192	4865.008	436.000	
Anomaly	MLOS		33	0.50	04:30	E	27.975	7.950	40 858	35.925	6.192	4865.008	436.000	
Anomaly	MLOS		23	0.60	05:35	E	34.667	1.258	40 858	35.925	6.192	4865.008	436.000	
Marker	AGM						1.992	41 000				5334.942	4237.733	AGM 101+26 B.M. A001.91
Anomaly	MLOS		18	0.80	12:15	I	3.783	39.100	42.700	42 883	18.275	878.633	3357.217	Possible Non-Corrosion Anomaly
Anomaly	MLOS		15	0.30	10:40	I	7.617	34.417	42.592	42 033	43.683	1440.158	2796.542	Possible Non-Corrosion Anomaly
Anomaly	MLOS		20	0.60	03:10	I	8.850	33.183	42 592	42.033	43.683	1440.158	2796.542	Possible Non-Corrosion Anomaly
Anomaly	MLOS		27	0.60	06:00	I	25.200	16.492	42.708	41.692	41.958	1734.108	2502.933	Possible Non-Corrosion Anomaly
Anomaly	MLOS		26	0.40	05:50	I	26.667	15.025	42.708	41.692	41.958	1734.108	2502.933	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0 80	08:00	I	2.608	39.350	41.692	41.958	42.300	1775.800	2460.975	
NCA	NCA			0.00	11:15	E	11.842	21.425	52.217	33.267	35.325	3409.033	836.433	Metal In Close Proximity
NCA	NCA			0.00	01:00	E	12.367	20.900	52.217	33.267	35.325	3409.033	836.433	Metal In Close Proximity
Anomaly	MLOS		26	0.70	01:20	I	4.150	38.033	35 325	42.183	40.875	3477.625	758.925	Possible Non-Corrosion Anomaly
Anomaly	MLOS		16	0.40	03:50	E	4.383	37.800	35.325	42.183	40.875	3477.625	758.925	

EMPCO-ARKGOV006864

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	22	0.40	05:00	I	4.475	37.708	35 325	42.183	40 875	3477.625	758.925	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	08:25	I	3.092	36.400	32.492	39.492	43.067	3634.658	604.583	Mill Anomaly
Anomaly	MLOS		29	0 60	06:40	I	40.333	1.258	42.742	41.592	41.842	3987.708	249.433	
Marker	AGM						7.375	14.692				4271.358	5768 700	AGM 58+51 B.M. A001.10
Anomaly	MLOS		22	0.50	09:10	I	5.175	34.933	42.808	40.108	41.150	237.442	5505.842	Possible Non-Corrosion Anomaly
Anomaly	MLOS		19	0.90	03:15	I	5.733	34.375	42.808	40.108	41.150	237.442	5505.842	Possible Non-Corrosion Anomaly
NCA	NCA			0.00	11:25	I	0.133	21.958	25.192	22 092	42.208	658.017	5103.283	Mill Anomaly
NCA	NCA			0.00	03.05	I	5.700	38.858	42.208	44.558	37.517	722.317	5016.517	Mill Anomaly
NCA	NCA			0.00	03:35	I	5 717	38.842	42.208	44.558	37.517	722.317	5016.517	Mill Anomaly
NCA	NCA			0.00	04:05	I	5.750	38.808	42.208	44.558	37.517	722.317	5016.517	Mill Anomaly
Anomaly	MLOS		21	0.50	07:10	I	33.325	0.442	9.325	33.767	42.675	897.542	4852.083	
Anomaly	MLOS		17	1.00	09:50	I	37.758	6.108	43.158	43 867	41.142	1060.592	4678.933	Possible Non-Corrosion Anomaly
Anomaly	MLOS		19	0.90	02:40	I	29.700	12 850	41 800	42.550	42.817	2326.858	3413.983	Possible Non-Corrosion Anomaly
Anomaly	MLOS		18	0.50	11:50	I	41.458	0.992	42.817	42.450	42.983	2412.225	3328.717	Possible Non-Corrosion Anomaly
Anomaly	MLOS		22	0.60	02:15	I	11.775	30.083	43.200	41.858	42.658	2665.158	3076.375	
NCA	NCA			0.00	04:40	I	34.908	6.067	41.650	40.975	43.683	3349.733	2392.683	Mill Anomaly
NCA	NCA			0 00	04:10	I	36.300	4.675	41.650	40.975	43.683	3349.733	2392.683	Mill Anomaly
Anomaly	MLOS		31	0.40	06:10	I	36.050	4.275	43.408	40.325	31.717	4909.592	833.475	Possible Non-Corrosion Anomaly
Anomaly	MLOS		20	1.10	05:15	E	20 458	5.625	44.000	26.083	43.608	5572.808	184.500	
Cluster	MLOS		28	1.50	06:10	I	29.958	13 650	26.083	43.608	11.100	5598.892	140.892	Possible Non-Corrosion Anomaly
Cluster	MLOS		30	1.20	06:10	I	30.283	13.325	26.083	43.608	11.100	5598.892	140.892	Possible Non-Corrosion Anomaly
Anomaly	MLOS		24	0.40	06:10	I	31.083	12.525	26.083	43.608	11.100	5598.892	140.892	Possible Non-Corrosion Anomaly
Anomaly	MLOS		28	0.90	04:55	I	33.483	10.125	26.083	43.608	11.100	5598.892	140.892	
Anomaly	MLOS		37	0.80	05:50	I	36.692	6.917	26.083	43.608	11.100	5598.892	140.892	
Cluster	MLOS		38	1.50	04:55	I	40.492	3.117	26.083	43.608	11.100	5598.892	140.892	
Anomaly	MLOS		31	0.50	06:15	I	42.933	0.675	26.083	43.608	11 100	5598.892	140.892	
Anomaly	MLOS		30	0.70	05:00	I	2.942	8.158	43.608	11.100	42.533	5642.500	129.792	
Anomaly	MLOS		31	0.50	03:00	I	9.092	2.008	43.608	11.100	42.533	5642.500	129.792	
Anomaly	MLOS		28	0.70	05:55	I	4.058	38.475	11.100	42.533	42.958	5653.600	87.258	
Anomaly	MLOS		34	0.60	05:35	I	14.317	28.217	11.100	42.533	42.958	5653.600	87.258	
Anomaly	MLOS		23	0.90	04:55	I	14.925	27.608	11.100	42.533	42.958	5653.600	87.258	
Anomaly	MLOS		28	0.90	04:15	I	15.925	26.608	11.100	42.533	42.958	5653.600	87 258	
Anomaly	MLOS		28	0.70	05:40	I	17.725	24.808	11.100	42.533	42.958	5653.600	87.258	

EMPCO-ARKGOV006865

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Anomaly Data						Joint Length			Marker Distance From		Comments
			Depth (%)	Length (in.)	Clock	ID/OD	USW (ft.)	DSW (ft.)	US (ft.)	Current (ft.)	DS (ft.)	UWM (ft.)	DWM (ft.)	
Anomaly	MLOS	(b) (7)(F)	18	0.90	05:50	I	24.708	17 825	11.100	42.533	42.958	5653.600	87.258	
Cluster	MLOS		31	1.00	06:05	I	24.958	17.575	11.100	42 533	42.958	5653.600	87.258	
Cluster	MLOS		28	1.10	05:25	I	26.192	16.342	11.100	42.533	42.958	5653.600	87.258	
Anomaly	MLOS		30	1.30	05:50	I	7.967	34.992	42.533	42.958	41 233	5696.133	44.300	
Cluster	MLOS		17	2.00	02:45	E	40 350	0.883	42.958	41 233	0.842	5739.092	3.067	
Anomaly	MLOS		15	0.70	10:10	E	40.533	0.700	42.958	41 233	0.842	5739.092	3.067	
Anomaly	MLOS		21	1.30	09:15	E	40.633	0.600	42.958	41.233	0.842	5739.092	3.067	
Marker	VALV						2.225	2.500				5781.167	22.083	Valve
NCA	NCA			0.00	01:50	E	2.033	0.817	4.725	2.850	1.733	2 500	19.233	Metal In Close Proximity
Anomaly	MLOS		16	1.50	09:55	E	1.017	10.708	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		26	1.00	09:40	E	1.250	10.475	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		15	1.20	12:05	E	2.492	9.233	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		18	0.70	02:45	E	2.717	9.008	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		21	1.20	03:35	E	3.750	7.975	1.733	11 725	2.392	7.083	5.775	
Anomaly	MLOS		23	1.30	04:20	E	4.050	7.675	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		17	1.60	09:35	E	4.217	7.508	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		22	2 80	09:40	E	4.917	6.808	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		22	0.90	09:40	E	5 233	6.492	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		17	1.80	09:25	E	6 083	5.642	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		34	1.20	01:50	E	6.467	5.258	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		15	2.80	09:00	E	6.550	5.175	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		40	2 00	01:00	E	6.767	4.958	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		15	0.90	09:35	E	6 850	4.875	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		45	2.30	01:40	E	7.083	4.642	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		25	1.30	10:20	E	7.117	4.608	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		20	2.00	12:50	E	7.508	4.217	1.733	11 725	2.392	7.083	5.775	
Anomaly	MLOS		18	0 90	02:15	E	7.567	4.158	1.733	11 725	2.392	7.083	5.775	
Anomaly	MLOS		16	0 80	12:00	E	7.817	3.908	1.733	11.725	2.392	7.083	5.775	
Cluster	MLOS		16	2.10	02:10	E	7 900	3.825	1.733	11.725	2.392	7.083	5.775	
Anomaly	MLOS		17	0.70	11:10	E	11 217	0.508	1.733	11.725	2.392	7.083	5.775	
Marker	TRAP						2 283	0.000				22.300	0.000	Valve Trap MOV B.V. # 23 0+39 B.M. V000.00

EMPCO-ARKGOV006866

2.3 Summary List

Reporting Criteria	Number of Occurrences
Total Reportable Metal Loss Features	4726
Reportable Internal Metal Loss Features	844
Reportable External Metal Loss Features	3873
Number of Isolated Metal Loss Indications	3722
Number of Pits	2776
Number of Axial and Circumferential Grooves	311
Metal Loss < 30%	4459
Metal Loss 30% - < 40%	220
Metal Loss 40% - < 50%	40
Metal Loss 50% - < 60%	5
Metal Loss 60% - < 70%	1
Metal Loss 70% - < 80%	1
Greater than or equal to 80%	0
Metal Loss with 60% <= ERF < 80%	0
Metal Loss with 80% <= ERF < 100%	5
Metal Loss with ERF < 100%	4721
Dents with Metal Loss Indications	3
Dents above threshold reporting level	11
Dents below threshold reporting level	14
Dents 2% < 3% of OD	9
Dents 3% < 6% of OD	2
Dents > 6% of OD	0

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PIPE SEGMENTS

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
2.367	31.367	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
31.367	46.633	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
46.633	60.325	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
60.325	298.867	20.00	0.375	0.72	1134	1134	X42	42000	ERW
298.867	699.783	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
699.783	705.508	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
705.508	75706.283	20.00	0.312	0.72	943	943	X42	42000	ERW
75706.283	75756.725	20.00	0.375	0.72	1134	1134	X42	42000	ERW
75756.725	85038.900	20.00	0.312	0.72	943	943	X42	42000	ERW
85038.900	85050.558	20.00	0.375	0.72	1134	1134	X42	42000	ERW
85050.558	92739.192	20.00	0.312	0.72	943	943	X42	42000	ERW
92739.192	92826.400	20.00	0.375	0.72	1134	1134	X42	42000	ERW
92826.400	92834.158	20.00	0.375	0.72	1134	1134	X42	42000	ERW
92834.158	95948.758	20.00	0.312	0.72	943	943	X42	42000	ERW
95948.758	95974.450	20.00	0.375	0.72	1134	1134	X42	42000	ERW
95974.450	95993.650	20.00	0.312	0.72	943	943	X42	42000	ERW
95993.650	100992.267	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
100992.267	101818.458	20.00	0.312	0.72	943	943	X42	42000	ERW
101818.458	103309.958	20.00	0.312	0.72	943	943	X42	42000	ERW
103309.958	103340.300	20.00	0.375	0.72	1134	1134	X42	42000	ERW
103340.300	103347.700	20.00	0.375	0.72	1134	1134	X42	42000	ERW
103347.700	103372.792	20.00	0.375	0.72	1134	1134	X42	42000	ERW
103372.792	162792.117	20.00	0.312	0.72	943	943	X42	42000	ERW
162792.117	162800.942	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162800.942	162803.017	20.00	0.312	0.72	943	943	X42	42000	ERW
162803.017	162816.575	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162816.575	162823.442	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162823.442	162829.558	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162829.558	162838.200	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162838.200	162840.125	20.00	0.312	0.72	943	943	X42	42000	ERW
162840.125	162848.833	20.00	0.375	0.72	1134	1134	X42	42000	ERW
162848.833	170081.408	20.00	0.312	0.72	943	943	X42	42000	ERW
170081.408	170129.350	20.00	0.375	0.72	1134	1134	X42	42000	ERW
170129.350	172071.225	20.00	0.312	0.72	943	943	X42	42000	ERW
172071.225	172380.867	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
172380.867	176337.992	20.00	0.312	0.72	943	943	X42	42000	ERW
176337.992	176745.117	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
176745.117	181064.275	20.00	0.312	0.72	943	943	X42	42000	ERW
181064.275	181569.292	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
181569.292	190818.483	20.00	0.312	0.72	943	943	X42	42000	ERW
190818.483	190867.158	20.00	0.375	0.72	1134	1134	X42	42000	ERW
190867.158	245991.975	20.00	0.312	0.72	943	943	X42	42000	ERW
245991.975	246019.458	20.00	0.375	0.72	1134	1134	X42	42000	ERW
246019.458	246041.183	20.00	0.375	0.72	1134	1134	X42	42000	ERW
246041.183	253439.842	20.00	0.312	0.72	943	943	X42	42000	ERW
253439.842	253492.717	20.00	0.375	0.72	1134	1134	X42	42000	ERW
253492.717	319457.517	20.00	0.312	0.72	943	943	X42	42000	ERW
319457.517	319498.450	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319498.450	319513.725	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319513.725	319529.075	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319529.075	319533.225	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319533.225	319564.017	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319564.017	319579.308	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319579.308	319583.575	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319583.575	319598.950	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319598.950	319634.858	20.00	0.500	0.72	1512	1512	X42	42000	ERW
319634.858	381411.900	20.00	0.312	0.72	943	943	X42	42000	ERW

EMPCO-ARKGOV006869

PIPE SEGMENTS

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
381411.900	381453.725	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
381453.725	381457.283	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
381457.283	381475.550	20.00	0.375	0.72	1134	1134	X42	42000	ERW
381475.550	381666.017	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
381666.017	381675.925	20.00	0.375	0.72	1134	1134	X42	42000	ERW
381675.925	383430.908	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
383430.908	383857.392	20.00	0.312	0.72	943	943	X42	42000	ERW
383857.392	383866.525	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
383866.525	383875.183	20.00	0.312	0.72	943	943	X42	42000	ERW
383875.183	383882.558	20.00	0.312	0.72	943	943	X42	42000	ERW
383882.558	383888.425	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
383888.425	383890.400	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
383890.400	455544.575	20.00	0.312	0.72	943	943	X42	42000	ERW
455544.575	455804.558	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
455804.558	456199.892	20.00	0.312	0.72	943	943	X42	42000	ERW
456199.892	456251.383	20.00	0.375	0.72	1134	1134	X42	42000	ERW
456251.383	481655.475	20.00	0.312	0.72	943	943	X42	42000	ERW
481655.475	481741.225	20.00	0.375	0.72	1134	1134	X42	42000	ERW
481741.225	485448.092	20.00	0.312	0.72	943	943	X42	42000	ERW
485448.092	485492.108	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
485492.108	485494.750	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
485494.750	485891.733	20.00	0.375	0.72	1134	1134	X42	42000	ERW
485891.733	485898.417	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
485898.417	486001.950	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486001.950	486008.408	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486008.408	486022.833	20.00	0.500	0.72	1512	1512	X42	42000	ERW
486022.833	486031.667	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486031.667	486044.167	20.00	0.375	0.72	1134	1134	X42	42000	ERW
486044.167	486067.842	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486067.842	486143.375	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486143.375	486148.500	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486148.500	486565.233	20.00	0.375	0.72	1134	1134	X42	42000	ERW
486565.233	486666.242	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486666.242	486673.583	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
486673.583	512853.725	20.00	0.312	0.72	943	943	X42	42000	ERW
512853.725	513757.175	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
513757.175	598046.575	20.00	0.312	0.72	943	943	X42	42000	ERW
598046.575	598142.650	20.00	0.312	0.72	943	943	X42	42000	ERW
598142.650	598150.258	20.00	0.375	0.72	1134	1134	X42	42000	ERW
598150.258	598417.717	20.00	0.312	0.72	943	943	X42	42000	ERW
598417.717	598454.983	20.00	0.375	0.72	1134	1134	X42	42000	ERW
598454.983	598788.425	20.00	0.312	0.72	943	943	X42	42000	ERW
598788.425	599632.467	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
599632.467	599637.825	20.00	0.312	0.72	943	943	X42	42000	ERW
599637.825	599651.083	20.00	0.312	0.72	943	943	X42	42000	ERW
599651.083	599824.175	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
599824.175	618632.308	20.00	0.312	0.72	943	943	X42	42000	ERW
618632.308	621342.942	20.00	0.312	0.72	943	943	X42	42000	ERW
621342.942	621642.942	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
621642.942	623902.583	20.00	0.312	0.72	943	943	X42	42000	ERW
623902.583	730790.625	20.00	0.312	0.72	943	943	X42	42000	ERW
730790.625	731255.608	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
731255.608	737979.000	20.00	0.312	0.72	943	943	X42	42000	ERW
737979.000	738027.925	20.00	0.375	0.72	1134	1134	X42	42000	ERW
738027.925	749901.267	20.00	0.312	0.72	943	943	X42	42000	ERW
749901.267	749959.092	20.00	0.375	0.72	1134	1134	X42	42000	ERW
749959.092	777826.983	20.00	0.312	0.72	943	943	X42	42000	ERW

EMPCO-ARKGOV006870

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
777826.983	777955.892	20.00	0.312	0.72	943	943	X42	42000	ERW
777955.892	777965.275	20.00	0.375	0.72	1134	1134	X42	42000	ERW
777965.275	786622.967	20.00	0.312	0.72	943	943	X42	42000	ERW
786622.967	806351.667	20.00	0.500	0.72	1512	1512	X52	52000	SMLS
806351.667	808781.867	20.00	0.312	0.72	943	943	X42	42000	ERW
808781.867	808790.542	20.00	0.375	0.72	1134	1134	X42	42000	ERW
808790.542	808798.867	20.00	0.312	0.72	943	943	X42	42000	ERW
808798.867	847735.683	20.00	0.312	0.72	943	943	X42	42000	ERW
847735.683	863949.125	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
863949.125	864224.467	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864224.467	864232.683	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
864232.683	864237.108	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864237.108	864288.325	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864288.325	864305.517	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864305.517	864311.858	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864311.858	864315.850	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864315.850	864357.850	20.00	0.375	0.72	1134	1134	X42	42000	ERW
864357.850	864731.983	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
864731.983	864734.033	20.00	0.500	0.72	1512	1512	X42	42000	ERW
864734.033	895785.142	20.00	0.312	0.72	943	943	X42	42000	ERW
895785.142	895803.042	20.00	0.375	0.72	1134	1134	X42	42000	ERW
895803.042	895950.783	20.00	0.312	0.72	943	943	X42	42000	ERW
895950.783	895962.750	20.00	0.375	0.72	1134	1134	X42	42000	ERW
895962.750	896091.183	20.00	0.312	0.72	943	943	X42	42000	ERW
896091.183	896970.083	20.00	0.312	0.72	943	943	X42	42000	ERW
896970.083	903156.833	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
903156.833	903158.800	20.00	0.375	0.72	1134	1134	X42	42000	ERW
903158.800	903165.017	20.00	0.312	0.72	943	943	X42	42000	ERW
903165.017	904362.025	20.00	0.312	0.72	943	943	X42	42000	ERW
904362.025	904412.142	20.00	0.375	0.72	1134	1134	X42	42000	ERW
904412.142	1019946.783	20.00	0.312	0.72	943	943	X42	42000	ERW
1019946.783	1020261.625	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1020261.625	1033017.458	20.00	0.312	0.72	943	943	X42	42000	ERW
1033017.458	1037643.617	20.00	0.312	0.72	943	943	X42	42000	ERW
1037643.617	1038109.158	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1038109.158	1038145.400	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1038145.400	1053526.942	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1053526.942	1068855.600	20.00	0.312	0.72	943	943	X42	42000	ERW
1068855.600	1068864.608	20.00	0.312	0.72	943	943	X42	42000	ERW
1068864.608	1072352.475	20.00	0.312	0.72	943	943	X42	42000	ERW
1072352.475	1082744.108	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1082744.108	1108813.417	20.00	0.312	0.72	943	943	X42	42000	ERW
1108813.417	1108852.958	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1108852.958	1149505.500	20.00	0.312	0.72	943	943	X42	42000	ERW
1149505.500	1149557.108	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1149557.108	1213938.408	20.00	0.312	0.72	943	943	X42	42000	ERW
1213938.408	1213959.900	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1213959.900	1218869.200	20.00	0.312	0.72	943	943	X42	42000	ERW
1218869.200	1218924.225	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1218924.225	1223988.108	20.00	0.312	0.72	943	943	X42	42000	ERW
1223988.108	1224185.975	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1224185.975	1224191.900	20.00	0.312	0.72	943	943	X42	42000	ERW
1224191.900	1224201.433	20.00	0.312	0.72	943	943	X42	42000	ERW
1224201.433	1224208.333	20.00	0.312	0.72	943	943	X42	42000	ERW
1224208.333	1224220.583	20.00	0.312	0.72	943	943	X42	42000	ERW
1224220.583	1224235.133	20.00	0.312	0.72	943	943	X42	42000	ERW
1224235.133	1224247.017	20.00	0.312	0.72	943	943	X42	42000	ERW

EMPCO-ARKGOV006871

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
1224247.017	1224252.350	20.00	0.312	0.72	943	943	X42	42000	ERW
1224252.350	1224412.683	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1224412.683	1224424.933	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1224424.933	1224435.858	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1224435.858	1224443.883	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1224443.883	1307140.675	20.00	0.312	0.72	943	943	X42	42000	ERW
1307140.675	1307147.458	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1307147.458	1307161.042	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1307161.042	1307439.533	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1307439.533	1307646.817	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1307646.817	1307667.958	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1307667.958	1328544.333	20.00	0.312	0.72	943	943	X42	42000	DSAW
1328544.333	1328548.817	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1328548.817	1328550.858	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1328550.858	1328923.258	20.00	0.312	0.72	943	943	X42	42000	ERW
1328923.258	1356338.117	20.00	0.500	0.72	1512	1512	B	35000	DSAW
1356338.117	1359605.708	20.00	0.312	0.72	943	943	X42	42000	DSAW
1359605.708	1359886.275	20.00	0.500	0.72	1512	1512	B	35000	DSAW
1359886.275	1361728.100	20.00	0.312	0.72	943	943	X42	42000	ERW
1361728.100	1363022.683	20.00	0.500	0.72	1512	1512	B	35000	DSAW
1363022.683	1363489.900	20.00	0.312	0.72	943	943	X42	42000	ERW
1363489.900	1363888.942	20.00	0.500	0.72	1512	1512	B	35000	DSAW
1363888.942	1364919.833	20.00	0.312	0.72	943	943	X42	42000	ERW
1364919.833	1365605.133	20.00	0.500	0.72	1512	1512	B	35000	DSAW
1365605.133	1367103.075	20.00	0.312	0.72	943	943	X42	42000	ERW
1367103.075	1367112.475	20.00	0.312	0.72	943	943	X42	42000	ERW
1367112.475	1392495.108	20.00	0.312	0.72	943	943	X42	42000	ERW
1392495.108	1392501.817	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1392501.817	1392517.608	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1392517.608	1399856.333	20.00	0.312	0.72	943	943	X42	42000	ERW
1399856.333	1401381.433	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1401381.433	1401468.583	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1401468.583	1405128.908	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1405128.908	1408622.758	20.00	0.312	0.72	943	943	X42	42000	ERW
1408622.758	1408652.050	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1408652.050	1408677.183	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1408677.183	1413423.842	20.00	0.312	0.72	943	943	X42	42000	ERW
1413423.842	1413428.492	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1413428.492	1443929.750	20.00	0.312	0.72	943	943	X42	42000	ERW
1443929.750	1443965.992	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1443965.992	1443997.683	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1443997.683	1451927.950	20.00	0.312	0.72	943	943	X42	42000	ERW
1451927.950	1451971.042	20.00	0.344	0.72	1040	1040	X42	42000	ERW
1451971.042	1520386.625	20.00	0.312	0.72	943	943	X42	42000	ERW
1520386.625	1520932.142	20.00	0.312	0.72	943	943	X46	46000	ERW
1520932.142	1527526.875	20.00	0.312	0.72	943	943	X42	42000	ERW
1527526.875	1527537.550	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1527537.550	1527544.333	20.00	0.312	0.72	943	943	X42	42000	ERW
1527544.333	1527559.667	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1527559.667	1527570.508	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1527570.508	1527579.700	20.00	0.312	0.72	943	943	X42	42000	ERW
1527579.700	1527590.300	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1527590.300	1551854.717	20.00	0.312	0.72	943	943	X42	42000	ERW
1551854.717	1551903.042	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1551903.042	1589176.225	20.00	0.312	0.72	943	943	X42	42000	ERW
1589176.225	1589476.083	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1589476.083	1590041.183	20.00	0.500	0.72	1512	1512	X42	42000	ERW

EMPCO-ARKGOV006872

PIPE SEGMENTS

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
1590041.183	1599254.250	20.00	0.312	0.72	943	943	X42	42000	ERW
1599254.250	1599264.833	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1599264.833	1599268.975	20.00	0.312	0.72	943	943	X42	42000	ERW
1599268.975	1599287.883	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1599287.883	1599298.575	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1599298.575	1599305.975	20.00	0.312	0.72	943	943	X42	42000	ERW
1599305.975	1599316.375	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1599316.375	1599436.342	20.00	0.312	0.72	943	943	X42	42000	ERW
1599436.342	1599456.133	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1599456.133	1604483.050	20.00	0.312	0.72	943	943	X42	42000	ERW
1604483.050	1608460.825	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1608460.825	1608593.300	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1608593.300	1608633.258	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1608633.258	1608677.033	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1608677.033	1609851.225	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1609851.225	1609982.992	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1609982.992	1611474.558	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1611474.558	1611510.692	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1611510.692	1612609.467	20.00	0.281	0.72	943	943	X52	52000	ERW
1612609.467	1612637.850	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1612637.850	1612796.792	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1612796.792	1612827.167	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1612827.167	1612866.158	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1612866.158	1612909.692	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1612909.692	1615052.317	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1615052.317	1615095.100	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1615095.100	1616090.817	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1616090.817	1616130.650	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1616130.650	1616170.617	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1616170.617	1616291.158	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1616291.158	1616442.850	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1616442.850	1616524.083	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1616524.083	1616803.633	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1616803.633	1616843.467	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1616843.467	1616883.350	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1616883.350	1616926.683	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1616926.683	1617003.225	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617003.225	1617061.258	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617061.258	1617101.175	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617101.175	1617167.817	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617167.817	1617280.950	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617280.950	1617323.792	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617323.792	1617403.592	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617403.592	1617444.583	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617444.583	1617524.375	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617524.375	1617564.642	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617564.642	1617684.408	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617684.408	1617763.708	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617763.708	1617880.217	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1617880.217	1617965.025	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1617965.025	1618044.783	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1618044.783	1618300.017	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1618300.017	1618379.842	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1618379.842	1618553.550	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1618553.550	1618849.858	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1618849.858	1618929.608	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1618929.608	1618972.767	20.00	0.500	0.72	1512	1512	X42	42000	SMLS

EMPCO-ARKGOV006873

PIPE SEGMENTS

ExxonMobil Pipeline Company
Pegasus Crude Oil System - Conway to Corsicana
NDT Job Number: 10906.01
Client Contact: Chris Gorman
Run Date: 7/10/2010

Start Dist. ft	End Distance ft	Pipe OD inches	Wall Thickness inches	Class Factor	MAOP psi	RefPress psi	Pipe Grade	SMYS psi	Pipe Type
1618972.767	1620126.317	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1620126.317	1620169.167	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1620169.167	1620488.083	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1620488.083	1620528.217	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1620528.217	1620608.000	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1620608.000	1620648.383	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1620648.383	1620966.142	20.00	0.312	0.72	943	943	X42	42000	ERW
1620966.142	1620974.467	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1620974.467	1620977.792	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1620977.792	1631453.692	20.00	0.312	0.72	943	943	X42	42000	ERW
1631453.692	1631460.483	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1631460.483	1631462.492	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1631462.492	1646496.192	20.00	0.312	0.72	943	943	X42	42000	ERW
1646496.192	1650604.675	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1650604.675	1650611.867	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1650611.867	1650614.175	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1650614.175	1651343.658	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1651343.658	1665354.508	20.00	0.312	0.72	943	943	X42	42000	ERW
1665354.508	1665361.075	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1665361.075	1665363.133	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1665363.133	1712283.533	20.00	0.312	0.72	943	943	X42	42000	ERW
1712283.533	1712791.750	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1712791.750	1719231.017	20.00	0.312	0.72	943	943	X42	42000	ERW
1719231.017	1744310.583	20.00	0.500	0.72	1512	1512	X42	42000	SMLS
1744310.583	1744315.167	20.00	0.375	0.72	1134	1134	X42	42000	ERW
1744315.167	1744329.283	20.00	0.500	0.72	1512	1512	X42	42000	ERW
1744329.283	1744332.667	20.00	0.500	0.72	1512	1512	X42	42000	ERW

EMPCO-ARKGOV006874

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Weld	Distance (ft.)	Joint Length (ft.)
1	2.367	26 592
2	28.958	2.408
3	31.367	12.842
4	44.208	2.425
5	46.633	7.667
6	54.300	6.025
7	60.325	20.558
8	80.883	6.208
9	87.092	20.583
10	107.675	42.100
11	149.775	35.842
12	185 617	41.850
13	227.467	27.417
14	254.883	12.475
15	267.358	19.258
16	286.617	12.250
17	298.867	3.542
18	302.408	42.683
19	345.092	43 825
20	388.917	43 858
21	432.775	3.258
22	436.033	13.008
23	449.042	39.008
24	488.050	43.192
25	531.242	42.917
26	574.158	43.208
27	617.367	43 483
28	660 850	30.050
29	690.900	4.092
30	694.992	4.792
31	699.783	5.725
32	705.508	52 742
33	758 250	47.242
34	805 492	49.425
35	854.917	49.917
36	904.833	48.517
37	953.350	46.375
38	999.725	49.117
39	1048.842	48.867
40	1097.708	44.200
41	1141.908	50.467
42	1192.375	50.417
43	1242.792	47.792
44	1290.583	52 567
45	1343.150	49.633
46	1392.783	46.750
47	1439.533	49.367
48	1488.900	48.117
49	1537 017	48.592
50	1585.608	28.933
51	1614.542	46.250
52	1660.792	47.208
53	1708.000	50.675
54	1758 675	44.933
55	1803 608	47.958
56	1851.567	49 900
57	1901.467	49.150
58	1950 617	48.350
59	1998.967	49.150
60	2048.117	44.392
61	2092 508	50.075
62	2142.583	49.325
63	2191.908	46.858
64	2238.767	48.450
65	2287.217	49.275
66	2336.492	42.750
67	2379.242	47.425
68	2426.667	48.717
69	2475.383	51.408
70	2526.792	50.067
71	2576.858	50.608
72	2627.467	44.125
73	2671.592	44.133
74	2715.725	48.808
75	2764.533	46.342
76	2810.875	49.917
77	2860.792	18.658
78	2879.450	8.083
79	2887.533	22 733
80	2910.267	51.217
81	2961.483	46.000
82	3007.483	49.817
83	3057.300	50.392
84	3107.692	49.858
85	3157.550	50.483
86	3208.033	46.692
87	3254 725	50.433
88	3305.158	51.267
89	3356.425	44.175
90	3400.600	49.408
91	3450.008	46 725
92	3496 733	48 667
93	3545.400	49.467
94	3594.867	50.875
95	3645.742	47.617
96	3693.358	46.808
97	3740.167	50.292
98	3790 458	46.767
99	3837.225	48.983
100	3886.208	48.792
101	3935.000	50.075
102	3985.075	51.117
103	4036.192	50.683
104	4086.875	50.208
105	4137.083	49.967
106	4187.050	48.600
107	4235.650	50.125
108	4285.775	50.642
109	4336.417	46.983
110	4383 400	50.450
111	4433.850	51.267
112	4485.117	51.833
113	4536.950	28.708
114	4565.658	47 908
115	4613 567	50.067
116	4663.633	49.708
117	4713.342	47.392
118	4760.733	35.425
119	4796.158	48.933
120	4845.092	51.792
121	4896.883	50.150
122	4947.033	48.767
123	4995.800	45.108
124	5040 908	44.250
125	5085.158	50.925
126	5136.083	45.225
127	5181.308	50.325
128	5231.633	49.967
129	5281.600	50.975
130	5332.575	50.783
131	5383.358	51.317
132	5434 675	50.233
133	5484.908	49.458
134	5534.367	49 875
135	5584.242	49.358
136	5633.600	50.350
137	5683.950	49.742
138	5733.692	49.575
139	5783.267	50.233
140	5833.500	45.667
141	5879 167	50.758
142	5929.925	22.575
143	5952.500	48.358
144	6000.858	49.042
145	6049.900	50.100
146	6100.000	50.783
147	6150.783	49.725
148	6200.508	49.533
149	6250.042	49.267
150	6299.308	50.408
151	6349.717	49.708
152	6399.425	49.758
153	6449.183	48.942
154	6498.125	49.500
155	6547.625	45.975
156	6593.600	50.208
157	6643.808	49.483
158	6693.292	48.533
159	6741.825	49.092
160	6790.917	43 033
161	6833.950	50.108
162	6884.058	48.208
163	6932.267	51.217
164	6983.483	49.550
165	7033.033	50.300
166	7083.333	50.592
167	7133.925	49.383
168	7183.308	49.558
169	7232.867	50.458
170	7283.325	49.858
171	7333.183	50.217
172	7383.400	49.308
173	7432.708	50.167
174	7482.875	51.258

Weld	Distance (ft.)	Joint Length (ft.)
175	7534.133	49 725
176	7583 858	49.558
177	7633 417	48.500
178	7681.917	50.467
179	7732.383	48.592
180	7780.975	41.550
181	7822.525	50.933
182	7873.458	44.775
183	7918 233	50.400
184	7968.633	49.550
185	8018.183	51.108
186	8069.292	50.125
187	8119.417	49.183
188	8168.600	49.967
189	8218.567	50.558
190	8269 125	46.600
191	8315.725	51.900
192	8367.625	49.275
193	8416.900	48.800
194	8465.700	51.025
195	8516.725	41.492
196	8558.217	50.667
197	8608.883	48 842
198	8657.725	46 675
199	8704.400	50.133
200	8754.533	51.658
201	8806.192	45 333
202	8851.525	48.658
203	8900.183	51.700
204	8951.883	42.817
205	8994.700	50.050
206	9044.750	51.700
207	9096 450	49 842
208	9146.292	51.050
209	9197.342	51.633
210	9248.975	47 842
211	9296.817	51 342
212	9348 158	49.633
213	9397.792	48.883
214	9446.675	50.175
215	9496.850	50.617
216	9547.467	49.108
217	9596.575	7.817
218	9604 392	40 167
219	9644 558	48 858
220	9693.417	50.092
221	9743.508	49.450
222	9792.958	51.425
223	9844.383	50.375
224	9894.758	50.633
225	9945.392	48.492
226	9993.883	51.292
227	10045.175	47.775
228	10092.950	49.175
229	10142.125	51.158
230	10193.283	49 033
231	10242.317	49.733
232	10292.050	50.633
233	10342.683	51.375
234	10394 058	51.325
235	10445 383	50.300
236	10495.683	48.108
237	10543.792	48.008
238	10591.800	50.250
239	10642.050	46.392
240	10688.442	49.750
241	10738.192	48 792
242	10786.983	49.167
243	10836.150	43.333
244	10879.483	49.708
245	10929.192	41.317
246	10970.508	51.158
247	11021.667	48.517
248	11070.183	48.708
249	11118.892	44 292
250	11163.183	49.300
251	11212.483	49.842
252	11262 325	51 042
253	11313.367	46.825
254	11360.192	45.367
255	11405.558	49.225
256	11454.783	37.900
257	11492.683	48.058
258	11540.742	47.408
259	11588.150	49.642
260	11637.792	51.067
261	11688.858	46.175
262	11735.033	8.067
263	11743.100	48.525
264	11791.625	36.633
265	11828.258	44.700
266	11872.958	50.233
267	11923.192	48.408
268	11971.600	47.917
269	12019 517	49.908
270	12069 425	26 133
271	12095.558	50.517
272	12146.075	45.717
273	12191.792	50.733
274	12242 525	48 700
275	12291.225	47.275
276	12338.500	42.092
277	12380 592	37.458
278	12418 050	32 050
279	12450.100	42.467
280	12492.567	51.125
281	12543.692	50.983
282	12594.675	50 250
283	12644.925	48.075
284	12693.000	30.675
285	12723.675	49.333
286	12773.008	51.508
287	12824.517	49.467
288	12873.983	50.358
289	12924 342	49.925
290	12974.267	50.142
291	13024.408	49 775
292	13074.183	50.767
293	13124.950	49.483
294	13174.433	42.100
295	13216.533	46.267
296	13262.800	49.900
297	13312.700	34.125
298	13346.825	46.300
299	13393.125	44.983
300	13438.108	50.267
301	13488.375	49.317
302	13537.692	49.467
303	13587.158	45.275
304	13632.433	50.950
305	13683.383	49.275
306	13732.658	48.933
307	13781.592	48.958
308	13830.550	48.042
309	13878.592	47.167
310	13925.758	48.358
311	13974.117	49.275
312	14023.392	50.592
313	14073.983	50 442
314	14124.425	51 317
315	14175.742	47.025
316	14222.767	46.350
317	14269.117	48.858
318	14317.975	50.983
319	14368.958	50.475
320	14419.433	49.350
321	14468.783	48.150
322	14516.933	51.792
323	14568.725	48.475
324	14617.200	50.592
325	14667.792	45.858
326	14713.650	49.700
327	14763.350	50.158
328	14813.508	47.633
329	14861.142	49.342
330	14910.483	49.908
331	14960.392	48.542
332	15008.933	50.508
333	15059.442	50.200
334	15109.642	48.567
335	15158.208	49.867
336	15208.075	49.558
337	15257.633	47.408
338	15305.042	50.558
339	15355.600	49.150
340	15404.750	50.875
341	15455 625	47.583
342	15503.208	48.675
343	15551.883	50.658
344	15602.542	35.292
345	15637.833	49.500
346	15687.333	49.125
347	15736 458	14.792
348	15751.250	49 933

Weld	Distance (ft.)	Joint Length (ft.)
349	15801.183	50.450
350	15851.633	48.750
351	15900.383	49.750
352	15950.133	47 892
353	15998.025	49.925
354	16047.950	45.792
355	16093.742	48.717
356	16142.458	51.058
357	16193.517	50.042
358	16243.558	49.108
359	16292.667	49.633
360	16342.300	49.475
361	16391.775	49.783
362	16441.558	49.975
363	16491.533	48.733
364	16540 267	49.417
365	16589.683	51.142
366	16640.825	43.592
367	16684.417	9 000
368	16693.417	45.008
369	16738.425	50.658
370	16789.083	50.733
371	16839 817	49.333
372	16889.150	47.733
373	16936.883	50.233
374	16987.117	39.042
375	17026.158	49.533
376	17075.692	50.050
377	17125 742	49.633
378	17175 375	51.300
379	17226.675	48.892
380	17275.567	48.092
381	17323.658	49.250
382	17372.908	49.317
383	17422.225	41.483
384	17463.708	50.333
385	17514.042	49.492
386	17563.533	50.358
387	17613 892	49.033
388	17662 925	50.292
389	17713.217	49.908
390	17763.125	50.725
391	17813.850	49.067
392	17862.917	47.725
393	17910.642	49.850
394	17960.492	49.875
395	18010.367	49.925
396	18060.292	49.508
397	18109 800	39.525
398	18149 325	49.700
399	18199.025	48.317
400	18247.342	50.292
401	18297.633	48.267
402	18345 900	49.750
403	18395.650	35.833
404	18431.483	49.450
405	18480.933	49.467
406	18530.400	52.300

Weld	Distance (ft.)	Joint Length (ft.)
407	18582.700	46.558
408	18629.258	52.358
409	18681.617	48.467
410	18730.083	46.525
411	18776.608	48.125
412	18824.733	45.575
413	18870.308	34.292
414	18904.600	47.833
415	18952.433	50.858
416	19003 292	42.683
417	19045 975	51.375
418	19097.350	49.275
419	19146.625	49.767
420	19196.392	50.467
421	19246.858	49.500
422	19296 358	45.083
423	19341.442	47.458
424	19388.900	44.775
425	19433.675	49.525
426	19483.200	48.025
427	19531.225	45.925
428	19577.150	45.808
429	19622.958	46.183
430	19669.142	50.875
431	19720.017	52.258
432	19772.275	47 400
433	19819.675	36.858
434	19856.533	48.292
435	19904.825	50.683
436	19955.508	49.008
437	20004.517	45.533
438	20050.050	44.483
439	20094.533	46.983
440	20141.517	49.767
441	20191.283	49 717
442	20241.000	48 725
443	20289.725	48.908
444	20338.633	50.700
445	20389 333	44.667
446	20434.000	48.600
447	20482.600	49.908
448	20532.508	49 158
449	20581.667	49.992
450	20631.658	47.850
451	20679.508	50.950
452	20730.458	49.992
453	20780.450	50.875
454	20831.325	48.708
455	20880 033	47.200
456	20927.233	48.908
457	20976.142	36.375
458	21012.517	48.267
459	21060.783	49.125
460	21109 908	47.833
461	21157.742	50.942
462	21208.683	51.675
463	21260.358	50.008
464	21310.367	49.850

Weld	Distance (ft.)	Joint Length (ft.)
465	21360.217	45.142
466	21405.358	48.950
467	21454.308	52.017
468	21506.325	48.425
469	21554 750	49.933
470	21604.683	47.800
471	21652.483	50.292
472	21702.775	48.425
473	21751.200	50.408
474	21801.608	44.858
475	21846.467	13.233
476	21859 700	44.933
477	21904.633	49.650
478	21954.283	36.142
479	21990.425	50.867
480	22041.292	47.833
481	22089.125	49.417
482	22138.542	49.992
483	22188.533	51.433
484	22239.967	49.467
485	22289.433	47.667
486	22337.100	49.742
487	22386.842	49.033
488	22435 875	49.992
489	22485.867	47.025
490	22532.892	49.417
491	22582.308	48.933
492	22631.242	39.258
493	22670.500	45 558
494	22716.058	50.033
495	22766.092	49.667
496	22815.758	48.275
497	22864.033	51.058
498	22915.092	48.425
499	22963.517	50.183
500	23013.700	48.900
501	23062.600	50.733
502	23113.333	49.325
503	23162.658	49.150
504	23211.808	40.892
505	23252.700	41.442
506	23294.142	51.058
507	23345.200	48.392
508	23393.592	50.042
509	23443.633	49.208
510	23492 842	50.483
511	23543.325	46.575
512	23589.900	39.125
513	23629.025	49.592
514	23678.617	47.175
515	23725.792	49.867
516	23775.658	46.300
517	23821.958	48.817
518	23870.775	48.975
519	23919.750	46.317
520	23966.067	48.083
521	24014.150	49.175
522	24063.325	49.150

Weld	Distance (ft.)	Joint Length (ft.)
523	24112.475	49 683
524	24162.158	50.650
525	24212.808	50.258
526	24263.067	49.533
527	24312 600	47.800
528	24360.400	49.058
529	24409.458	49.783
530	24459.242	48.533
531	24507.775	48.742
532	24556.517	48.617
533	24654 542	48.517
534	24703.058	48.775
535	24751.833	49 942
536	24801.775	48.133
537	24849.908	32.508
538	24882 417	48.508
539	24930.925	49 817
540	24980.742	40.383
541	25021.125	47.592
542	25068.717	43.033
543	25111.750	44.917
544	25156.667	49 417
545	25206.083	49.392
546	25255.475	47.417
547	25302.892	49.858
548	25352.750	50.108
549	25402.858	49.125
550	25451.983	50.033
551	25502.017	49.475
552	25551.492	48.617
553	25600.108	48.158
554	25648.267	47.883
555	25696.150	46 767
556	25742.917	48.750
557	25791.667	50.883
558	25842 550	48 175
559	25890.725	48 242
560	25938.967	47.208
561	25986.175	46.317
562	26032.492	39.517
563	26072.008	50.058
564	26122.067	50.075
565	26172.142	47 933
566	26220.075	48 542
567	26268.617	48.700
568	26317.317	47.458
569	26364.775	50 517
570	26415.292	46.492
571	26461.783	50 192
572	26511.975	48 525
573	26560.500	49.408
574	26609.908	49.417
575	26659.325	50.367
576	26709.692	50.950
577	26760 642	46.883
578	26807.525	45.400
579	26852.925	38 217
580	26891.142	48.217

Weld	Distance (ft.)	Joint Length (ft.)
581	26939.358	50 608
582	26989.967	49.792
583	27039.758	50.192
584	27089.950	49.650
585	27139.600	43.233
586	27182 833	49.792
587	27232.625	46.142
588	27278.767	49.192
589	27327.958	49.517
590	27377.475	51.017
591	27428 492	48.508
592	27477.000	49.217
593	27526.217	49.158
594	27575.375	48.475
595	27623.850	49.833
596	27673 683	50.017
597	27723 700	50.708
598	27774.408	47.817
599	27822.225	48.633
600	27870.858	49.058
601	27919 917	47.683
602	27967.600	48 908
603	28016.508	44.992
604	28061.500	47.725
605	28109.225	50.492
606	28159.717	47.842
607	28207.558	47.008
608	28254.567	48.700
609	28303.267	49.633
610	28352.900	51.042
611	28403.942	50.342
612	28454 283	43.783
613	28498.067	48.950
614	28547.017	49.542
615	28596.558	51.792
616	28648.350	49.958
617	28698.308	40.867
618	28739.175	47.525
619	28786.700	49.133
620	28835.833	49.592
621	28885.425	50.283
622	28935.708	49.892
623	28985.600	48.308
624	29033.908	49.242
625	29083.150	48.733
626	29131.883	47.983
627	29179 867	50 008
628	29229.875	48 708
629	29278.583	47.375
630	29325.958	49.008
631	29374.967	44 150
632	29419.117	32.508
633	29451.625	44.733
634	29496 358	49.558
635	29545.917	49.408
636	29595.325	50.825
637	29646.150	38.475
638	29684.625	38 742

Weld	Distance (ft.)	Joint Length (ft.)
639	29723 367	49 442
640	29772.808	50.583
641	29823.392	48.933
642	29872.325	51.692
643	29924.017	49.175
644	29973.192	36 942
645	30010.133	48.583
646	30058.717	50.342
647	30109.058	51.717
648	30160.775	47.358
649	30208.133	51.658
650	30259.792	49.875
651	30309 667	47 658
652	30357.325	50.283
653	30407.608	50.067
654	30457.675	50.658
655	30508.333	49 767
656	30558.100	50 775
657	30608.875	43.742
658	30652.617	49.250
659	30701.867	52.817
660	30754.683	47.975
661	30802.658	50.033
662	30852.692	49.642
663	30902 333	47.825
664	30950.158	46.400
665	30996.558	49.983
666	31046.542	49.467
667	31096.008	50.258
668	31146 267	48 667
669	31194.933	46.250
670	31241.183	50.125
671	31291.308	50.692
672	31342.000	49.167
673	31391.167	46.200
674	31437.367	49.458
675	31486.825	50.267
676	31537 092	50 358
677	31587.450	50.950
678	31638.400	49.308
679	31687.708	50 367
680	31738.075	50.258
681	31788.333	49.483
682	31837.817	45.433
683	31883 250	49.308
684	31932.558	45.217
685	31977.775	49.275
686	32027 050	49.208
687	32076.258	49.608
688	32125.867	46.342
689	32172.208	49.833
690	32222 042	44 583
691	32266.625	46.375
692	32313.000	49.267
693	32362 267	50.000
694	32412 267	49.858
695	32462.125	48.717
696	32510.842	47.858

Weld	Distance (ft.)	Joint Length (ft.)
697	32558.700	50.358
698	32609.058	45.100
699	32654.158	51 008
700	32705.167	49.508
701	32754.675	50.475
702	32805.150	49.650
703	32854.800	49.292
704	32904.092	49.933
705	32954.025	50.825
706	33004.850	50.317
707	33055 167	46.733
708	33101.900	48.400
709	33150 300	31.367
710	33181.667	49 042
711	33230.708	44.392
712	33275.100	46.000
713	33321.100	52.258
714	33373.358	46.292
715	33419.650	45.417
716	33465.067	50.492
717	33515.558	48.108
718	33563.667	50.258
719	33613.925	48.358
720	33662.283	43.558
721	33705.842	48.392
722	33754.233	49.208
723	33803.442	50.625
724	33854.067	48.750
725	33902.817	47.933
726	33950.750	49 808
727	34000.558	49 683
728	34050.242	44.900
729	34095.142	47.950
730	34143.092	50.900
731	34193.992	50.683
732	34244.675	50.125
733	34294 800	49.725
734	34344.525	49.025
735	34393.550	48 742
736	34442.292	51.067
737	34493.358	48.300
738	34541.658	50.083
739	34591 742	49.942
740	34641.683	45.575
741	34687.258	36 075
742	34723.333	44.550
743	34767.883	45 683
744	34813.567	50.542
745	34864.108	39.358
746	34903.467	51.050
747	34954.517	48.300
748	35002.817	50.242
749	35053.058	47.817
750	35100.875	51.192
751	35152 067	51.542
752	35203.608	45.292
753	35248.900	50.883
754	35299.783	43.983

Weld	Distance (ft.)	Joint Length (ft.)
755	35343.767	50.858
756	35394.625	47.542
757	35442.167	51.083
758	35493.250	49.533
759	35542.783	46.275
760	35589 058	48.825
761	35637.883	52.142
762	35690.025	49.325
763	35739.350	49 942
764	35789.292	51.092
765	35840.383	39.467
766	35879.850	50.917
767	35930.767	48.275
768	35979.042	50.517
769	36029.558	50.992
770	36080.550	46.417
771	36126 967	51.750
772	36178.717	45.417
773	36224.133	50.158
774	36274.292	50 175
775	36324.467	47.708
776	36372.175	48.967
777	36421.142	48.692
778	36469.833	47.692
779	36517.525	48.692
780	36566.217	48.758
781	36614.975	46.483
782	36661.458	50.058
783	36711.517	50.833
784	36762.350	46.033
785	36808.383	46.358
786	36854.742	51.608
787	36906 350	51.408
788	36957 758	43.908
789	37001.667	49.108
790	37050.775	48.158
791	37098.933	50.942
792	37149.875	49.367
793	37199.242	47.558
794	37246.800	49.258
795	37296.058	49.775
796	37345.833	49.775
797	37395.608	49.942
798	37445.550	49 708
799	37495.258	52.633
800	37547.892	45.125
801	37593.017	51.067
802	37644 083	47.025
803	37691.108	45.850
804	37736.958	49.350
805	37786.308	50.258
806	37836.567	48.917
807	37885.483	50.200
808	37935 683	50.842
809	37986.525	46.950
810	38033.475	49.542
811	38083.017	49.092
812	38132.108	48.900

Weld	Distance (ft.)	Joint Length (ft.)
813	38181.008	46.208
814	38227.217	45.075
815	38272.292	42.242
816	38314.533	47.975
817	38362.508	50 200
818	38412.708	46.817
819	38459.525	49.792
820	38509.317	46.792
821	38556.108	49.567
822	38605.675	50.300
823	38655.975	46.900
824	38702.875	47.558
825	38750.433	36.425
826	38786.858	49.000
827	38835.858	42.483
828	38878.342	49.000
829	38927.342	51.733
830	38979.075	51.683
831	39030.758	48.092
832	39078.850	48.975
833	39127.825	48.858
834	39176.683	49.958
835	39226.642	50.117
836	39276.758	48.117
837	39324 875	48 067
838	39372.942	51.042
839	39423.983	50.492
840	39474.475	50.108
841	39524.583	45.917
842	39570.500	48.308
843	39618.808	49.600
844	39668.408	49.217
845	39717.625	46.758
846	39764.383	45.483
847	39809.867	46.883
848	39856.750	51.217
849	39907.967	50.483
850	39958.450	45.483
851	40003.933	49.925
852	40053.858	49.817
853	40103.675	48 567
854	40152.242	49.225
855	40201.467	50.975
856	40252.442	50.100
857	40302.542	49.567
858	40352.108	46.167
859	40398 275	47.117
860	40445.392	51.858
861	40497.250	50.233
862	40547.483	46.092
863	40593.575	50.108
864	40643.683	50.317
865	40694.000	48.967
866	40742.967	50.867
867	40793.833	49.258
868	40843.092	49.767
869	40892.858	46.550
870	40939.408	45.692

Weld	Distance (ft.)	Joint Length (ft.)
871	40985.100	50.700
872	41035.800	50.650
873	41086.450	50.517
874	41136.967	48.425
875	41185.392	49 633
876	41235.025	45.983
877	41281.008	46.283
878	41327.292	50.250
879	41377.542	49.558
880	41427.100	49.258
881	41476.358	49.633
882	41525.992	50 125
883	41576.117	49.242
884	41625.358	48.600
885	41673.958	49.617
886	41723.575	48.867
887	41772.442	50.433
888	41822.875	50 850
889	41873 725	51.800
890	41925.525	51.300
891	41976.825	51.233
892	42028.058	48.967
893	42077.025	50.467
894	42127.492	51.167
895	42178.658	50.833
896	42229.492	51.275
897	42280.767	47.867
898	42328.633	50.650
899	42379.283	50.050
900	42429.333	50.350
901	42479.683	50.850
902	42530.533	46.025
903	42576 558	49 150
904	42625.708	50.842
905	42676.550	46.592
906	42723.142	46.183
907	42769.325	50.442
908	42819.767	47.483
909	42867.250	46.933
910	42914.183	50.142
911	42964.325	45 933
912	43010.258	42.433
913	43052.692	48.183
914	43100.875	43.158
915	43144.033	44.208
916	43188 242	48.717
917	43236.958	49.025
918	43285.983	49.992
919	43335.975	48 250
920	43384 225	50.700
921	43434.925	48.983
922	43483.908	50.383
923	43534.292	50.908
924	43585 200	50.742
925	43635 942	49.392
926	43685.333	34.033
927	43719.367	49.600
928	43768.967	50.092

Weld	Distance (ft.)	Joint Length (ft.)
929	43819.058	47.658
930	43866.717	44.925
931	43911.642	50.408
932	43962.050	52.033
933	44014.083	50.042
934	44064.125	50 242
935	44114.367	47.892
936	44162.258	51.650
937	44213.908	45.250
938	44259.158	50.092
939	44309.250	49.242
940	44358 492	49.567
941	44408.058	50.467
942	44458.525	50 825
943	44509.350	50.475
944	44559.825	52.392
945	44612.217	50.667
946	44662 883	50.850
947	44713.733	50.108
948	44763.842	49.892
949	44813.733	51.175
950	44864.908	46.808
951	44911.717	45.675
952	44957.392	49.392
953	45006.783	49.250
954	45056.033	50.658
955	45106.692	47.675
956	45154 367	46.333
957	45200.700	50.750
958	45251.450	50.983
959	45302.433	51.000
960	45353.433	50.233
961	45403.667	49.442
962	45453.108	44.450
963	45497.558	49 600
964	45547.158	45.583
965	45592.742	44.883
966	45637.625	47.558
967	45685.183	48.867
968	45734.050	46.325
969	45780.375	48.950
970	45829.325	49.775
971	45879 100	46.550
972	45925.650	49.550
973	45975.200	49.258
974	46024.458	49.400
975	46073.858	49.142
976	46123.000	47.683
977	46170.683	48.725
978	46219.408	49.883
979	46269 292	50.342
980	46319.633	50.508
981	46370.142	51.633
982	46421.775	49.700
983	46471 475	49.183
984	46520 658	49.325
985	46569.983	49.383
986	46619.367	36.767

Weld	Distance (ft.)	Joint Length (ft.)
987	46656.133	51.200
988	46707.333	50.533
989	46757.867	49.608
990	46807.475	51.825
991	46859.300	49.625
992	46908.925	49.658
993	46958.583	50.150
994	47008.733	46.967
995	47055.700	48.308
996	47104.008	48.217
997	47152.225	49.525
998	47201 750	50.908
999	47252.658	50.133
1000	47302.792	50.008
1001	47352.800	50.183
1002	47402.983	43 867
1003	47446.850	49.992
1004	47496.842	50.942
1005	47547.783	36.758
1006	47584.542	49.883
1007	47634.425	47.383
1008	47681.808	50.325
1009	47732 133	48.342
1010	47780.475	47.742
1011	47828.217	47.100
1012	47875.317	50 625
1013	47925.942	50 842
1014	47976.783	35.517
1015	48012 300	51.267
1016	48063.567	49.108
1017	48112.675	51.325
1018	48164.000	9.942
1019	48173 942	50.850
1020	48224.792	48.925
1021	48273.717	50.250
1022	48323.967	49.867
1023	48373.833	42 467
1024	48416.300	49.117
1025	48465.417	49.608
1026	48515.025	49.283
1027	48564.308	43 058
1028	48607.367	50.308
1029	48657 675	50.492
1030	48708.167	47.900
1031	48756.067	18.942
1032	48775.008	50.200
1033	48825.208	46.783
1034	48871.992	29.408
1035	48901.400	50.967
1036	48952.367	49.617
1037	49001 983	45.717
1038	49047.700	50.075
1039	49097.775	51 342
1040	49149.117	49.892
1041	49199 008	52.217
1042	49251 225	36.100
1043	49287.325	49.833
1044	49337.158	49 183

Weld	Distance (ft.)	Joint Length (ft.)
1045	49386.342	46 433
1046	49432.775	51.083
1047	49483 858	45.567
1048	49529.425	50.075
1049	49579.500	50.717
1050	49630.217	35.383
1051	49665.600	28.633
1052	49694.233	47.417
1053	49741.650	50.900
1054	49792.550	50.500
1055	49843.050	49.717
1056	49892.767	45 550
1057	49938.317	37.067
1058	49975.383	33.892
1059	50009 275	49.408
1060	50058.683	47.125
1061	50105.808	50.908
1062	50156.717	46.325
1063	50203.042	50.208
1064	50253.250	50 275
1065	50303.525	48 542
1066	50352 067	50.350
1067	50402.417	47.958
1068	50450.375	49.908
1069	50500.283	50.008
1070	50550.292	34.225
1071	50584.517	46.925
1072	50631.442	49.675
1073	50681 117	49.217
1074	50730 333	51.008
1075	50781.342	49.300
1076	50830.642	47.725
1077	50878.367	4.067
1078	50882.433	46 208
1079	50928.642	44.667
1080	50973.308	47.700
1081	51021.008	48.117
1082	51069.125	50.108
1083	51119.233	50.483
1084	51169.717	49.267
1085	51218.983	50.108
1086	51269 092	50.308
1087	51319.400	23.550
1088	51342.950	41.700
1089	51384.650	42 025
1090	51426.675	42.425
1091	51469 100	23 275
1092	51492 375	17.842
1093	51510.217	48.933
1094	51559.150	49.458
1095	51608.608	18 333
1096	51626.942	48 958
1097	51675 900	49.558
1098	51725.458	50.408
1099	51775.867	50.008
1100	51825.875	44 108
1101	51869.983	31.392
1102	51901.375	3.750

Weld	Distance (ft.)	Joint Length (ft.)
1103	51905.125	49.800
1104	51954.925	28.408
1105	51983.333	21.042
1106	52004.375	48.250
1107	52052.625	43.967
1108	52096 592	50.483
1109	52147 075	48.650
1110	52195.725	46.858
1111	52242.583	50.300
1112	52292.883	51 308
1113	52344.192	50 708
1114	52394.900	52.300
1115	52447.200	51.358
1116	52498.558	49.275
1117	52547 833	49.450
1118	52597.283	51.117
1119	52648.400	47.650
1120	52696.050	50.650
1121	52746.700	42.125
1122	52788.825	50.025
1123	52838.850	50.508
1124	52889.358	49.233
1125	52938.592	50.600
1126	52989.192	49.617
1127	53038.808	48.667
1128	53087.475	49.033
1129	53136.508	49.692
1130	53186.200	49.600
1131	53235.800	50.742
1132	53286.542	50.408
1133	53336.950	48.583
1134	53385.533	49.667
1135	53435.200	45 517
1136	53480.717	45.475
1137	53526 192	49.483
1138	53575 675	50.108
1139	53625.783	50.208
1140	53675.992	49.475
1141	53725.467	47 967
1142	53773.433	49.233
1143	53822.667	50.283
1144	53872.950	49.150
1145	53922.100	49.975
1146	53972.075	49 617
1147	54021.692	48.867
1148	54070.558	50.000
1149	54120 558	49.600
1150	54170.158	49.175
1151	54219.333	50.133
1152	54269.467	51.150
1153	54320.617	50.525
1154	54371 142	48.600
1155	54419 742	49.833
1156	54469.575	49.392
1157	54518.967	45 675
1158	54564.642	51.583
1159	54616.225	48.925
1160	54665.150	50.067

Weld	Distance (ft.)	Joint Length (ft.)
1161	54715.217	48.050
1162	54763.267	48.792
1163	54812.058	49.792
1164	54861.850	47.800
1165	54909.650	48.925
1166	54958.575	48.942
1167	55007.517	50.550
1168	55058.067	41.442
1169	55099.508	48.850
1170	55148.358	48.275
1171	55196.633	47.700
1172	55244.333	49.017
1173	55293.350	49.508
1174	55342 858	48.342
1175	55391.200	35.433
1176	55426.633	44.942
1177	55471.575	50.675
1178	55522.250	46.425
1179	55568.675	48.100
1180	55616.775	50.433
1181	55667 208	49.425
1182	55716.633	39.192
1183	55755.825	45.892
1184	55801.717	40.533
1185	55842.250	51.008
1186	55893.258	48.492
1187	55941.750	49.967
1188	55991.717	43.858
1189	56035.575	47.958
1190	56083.533	51.692
1191	56135.225	48.267
1192	56183.492	38.725
1193	56222.217	48.233
1194	56270.450	49.783
1195	56320.233	49.325
1196	56369.558	51.000
1197	56420.558	50.200
1198	56470.758	50.558
1199	56521.317	35.633
1200	56556.950	46.700
1201	56603 650	45.892
1202	56649.542	38.133
1203	56687.675	43.700
1204	56731.375	40 583
1205	56771.975	42.975
1206	56814.950	45.950
1207	56860.900	49.817
1208	56910.717	4.883
1209	56915.600	39.783
1210	56955.383	46.250
1211	57001.633	52.050
1212	57053 683	34.408
1213	57088 092	45.267
1214	57133.358	37.433
1215	57170.792	43.150
1216	57213.942	47.750
1217	57261.692	49.183
1218	57310.875	46.842

Weld	Distance (ft.)	Joint Length (ft.)
1219	57357.717	2.883
1220	57360.600	50.933
1221	57411.533	48.033
1222	57459.567	49.842
1223	57509.408	47.525
1224	57556.933	48.833
1225	57605.767	46.750
1226	57652.517	48.658
1227	57701.175	48.208
1228	57749.383	49.475
1229	57798.858	47.800
1230	57846 658	32.558
1231	57879.217	48.492
1232	57927.708	48.158
1233	57975.867	51.658
1234	58027.525	46.417
1235	58073.942	47.042
1236	58120 983	48.683
1237	58169 667	46.967
1238	58216 633	47.633
1239	58264.267	47.775
1240	58312.042	43.042
1241	58355.083	47.758
1242	58402.842	46.633
1243	58449.475	50.317
1244	58499.792	52.258
1245	58552.050	45.350
1246	58597.400	49.033
1247	58646.433	48.192
1248	58694 625	49.500
1249	58744.125	49.725
1250	58793.850	13.625
1251	58807 475	44.475
1252	58851.950	47.317
1253	58899.267	45.508
1254	58944.775	27.275
1255	58972.050	45 508
1256	59017.558	46.883
1257	59064.442	48.625
1258	59113.067	19.875
1259	59132 942	51 033
1260	59183.975	48.417
1261	59232.392	50.725
1262	59283.117	50.692
1263	59333 808	50 675
1264	59384.483	48.758
1265	59433.242	50.675
1266	59483.917	49.467
1267	59533.383	50 733
1268	59584.117	51.583
1269	59635.700	48.392
1270	59684.092	51.033
1271	59735 125	47.617
1272	59782 742	50.608
1273	59833.350	50.567
1274	59883.917	48.800
1275	59932.717	50 100
1276	59982.817	49.392

Weld	Distance (ft.)	Joint Length (ft.)
1277	60032.208	47 725
1278	60079.933	47 700
1279	60127.633	49.242
1280	60176.875	49.458
1281	60226 333	49.433
1282	60275.767	50.308
1283	60326.075	50.200
1284	60376.275	46 067
1285	60422.342	49 558
1286	60471.900	49 175
1287	60521.075	48.833
1288	60569.908	45.442
1289	60615.350	50.300
1290	60665.650	35.950
1291	60701.600	50.567
1292	60752.167	48.767
1293	60800.933	39.992
1294	60840.925	46.058
1295	60886.983	49.308
1296	60936.292	40.650
1297	60976.942	47.742
1298	61024.683	48.267
1299	61072.950	46.083
1300	61119.033	22.567
1301	61141.600	50.325
1302	61191.925	32.092
1303	61224.017	48.100
1304	61272.117	49.575
1305	61321.692	51.175
1306	61372.867	49.217
1307	61422.083	46.517
1308	61468.600	46.533
1309	61515.133	46 767
1310	61561.900	46.933
1311	61608.833	48.575
1312	61657.408	49.183
1313	61706.592	50.908
1314	61757.500	49.783
1315	61807.283	50.575
1316	61857 858	49.275
1317	61907.133	48.642
1318	61955.775	49 633
1319	62005.408	50 267
1320	62055 675	47.100
1321	62102.775	49.875
1322	62152.650	50.608
1323	62203.258	51.283
1324	62254 542	51.283
1325	62305 825	51.642
1326	62357.467	50 592
1327	62408.058	4.000
1328	62412.058	48.300
1329	62460.358	51.025
1330	62511.383	50 250
1331	62561.633	47 008
1332	62608.642	44 642
1333	62653 283	48.000
1334	62701.283	51.200

Weld	Distance (ft.)	Joint Length (ft.)
1335	62752.483	50.508
1336	62802.992	42.667
1337	62845.658	48.325
1338	62893.983	48 700
1339	62942.683	36.892
1340	62979.575	49.942
1341	63029.517	38.167
1342	63067.683	47.092
1343	63114.775	46.892
1344	63161.667	49.900
1345	63211.567	47 292
1346	63258 858	49.258
1347	63308.117	49.158
1348	63357.275	47.392
1349	63404.667	50.267
1350	63454.933	35.000
1351	63489.933	51.517
1352	63541.450	48.033
1353	63589.483	46 008
1354	63635 492	48.050
1355	63683.542	51.000
1356	63734.542	51.625
1357	63786.167	49.400
1358	63835.567	49.233
1359	63884 800	51.300
1360	63936.100	41.508
1361	63977.608	49.233
1362	64026.842	49.242
1363	64076.083	48.200
1364	64124.283	51.133
1365	64175 417	50.767
1366	64226.183	49.058
1367	64275.242	50.483
1368	64325.725	51.183
1369	64376 908	48.342
1370	64425 250	33 983
1371	64459.233	50.108
1372	64509.342	48.975
1373	64558.317	49.158
1374	64607.475	45.575
1375	64653.050	49 600
1376	64702.650	49.567
1377	64752.217	49.108
1378	64801.325	50.183
1379	64851.508	49.133
1380	64900.642	51.000
1381	64951.642	48.700
1382	65000.342	48.650
1383	65048.992	49.450
1384	65098.442	50.317
1385	65148.758	50.400
1386	65199.158	49.192
1387	65248.350	49.175
1388	65297 525	49 400
1389	65346.925	48.275
1390	65395.200	50.200
1391	65445.400	51.483
1392	65496 883	49.725

Weld	Distance (ft.)	Joint Length (ft.)
1393	65546.608	50.350
1394	65596.958	48.300
1395	65645.258	49.267
1396	65694.525	44.250
1397	65738.775	48.292
1398	65787.067	49 717
1399	65836.783	51 100
1400	65887.883	51.775
1401	65939.658	50 075
1402	65989.733	50 158
1403	66039.892	45.300
1404	66085.192	48.325
1405	66133.517	49.775
1406	66183.292	50.808
1407	66234 100	50.383
1408	66284.483	49.175
1409	66333.658	49.867
1410	66383 525	48.700
1411	66432.225	50.425
1412	66482.650	49.150
1413	66531.800	42.300
1414	66574.100	44.675
1415	66618.775	42.600
1416	66661.375	51 083
1417	66712.458	49 850
1418	66762.308	46.075
1419	66808.383	46.383
1420	66854.767	50.117
1421	66904.883	50.158
1422	66955.042	51.800
1423	67006.842	51.633
1424	67058.475	50.167
1425	67108.642	46.675
1426	67155.317	51.042
1427	67206.358	48.167
1428	67254.525	47.692
1429	67302 217	48.483
1430	67350.700	49.192
1431	67399.892	48.525
1432	67448.417	49.983
1433	67498.400	49.625
1434	67548.025	43.917
1435	67591.942	37.400
1436	67629.342	51.358
1437	67680.700	48 967
1438	67729 667	48.308
1439	67777.975	50.483
1440	67828 458	49.858
1441	67878.317	48.492
1442	67926.808	50.275
1443	67977.083	49.867
1444	68026.950	48.825
1445	68075.775	47.850
1446	68123 625	50.892
1447	68174.517	49.450
1448	68223.967	51.758
1449	68275.725	49.458
1450	68325.183	50.017

Weld	Distance (ft.)	Joint Length (ft.)
1451	68375.200	50.925
1452	68426.125	50 558
1453	68476.683	50.417
1454	68527.100	49 675
1455	68576.775	51.542
1456	68628.317	50.800
1457	68679.117	48.417
1458	68727.533	48.333
1459	68775.867	48.917
1460	68824.783	52.183
1461	68876.967	50.908
1462	68927.875	49.533
1463	68977.408	48.458
1464	69025.867	49.242
1465	69075 108	50.175
1466	69125.283	49.392
1467	69174.675	53.617
1468	69228.292	50.100
1469	69278.392	53 183
1470	69331.575	49.733
1471	69381.308	49.033
1472	69430.342	49.233
1473	69479.575	48.008
1474	69527.583	46.425
1475	69574 008	49.467
1476	69623 475	49.525
1477	69673.000	51.233
1478	69724.233	50.725
1479	69774.958	51.042
1480	69826.000	50.083
1481	69876.083	51.858
1482	69927.942	50.925
1483	69978.867	48.950
1484	70027.817	51.558
1485	70079.375	39.400
1486	70118.775	49.250
1487	70168.025	51.983
1488	70220.008	48.008
1489	70268.017	48.367
1490	70316.383	51.417
1491	70367.800	51.042
1492	70418.842	49.600
1493	70468.442	50.450
1494	70518.892	48.708
1495	70567.600	50.008
1496	70617.608	39.350
1497	70656.958	49.283
1498	70706.242	48 200
1499	70754.442	51.192
1500	70805.633	49.833
1501	70855 467	49.392
1502	70904 858	50.158
1503	70955 017	50.967
1504	71005.983	37.858
1505	71043.842	48.100
1506	71091.942	49.358
1507	71141 300	50.050
1508	71191.350	49.125

Weld	Distance (ft.)	Joint Length (ft.)
1509	71240.475	48.817
1510	71289.292	28.567
1511	71317.858	44 025
1512	71361.883	47.583
1513	71409.467	44.200
1514	71453.667	49.583
1515	71503.250	47.467
1516	71550.717	48.858
1517	71599.575	20.050
1518	71619.625	49.975
1519	71669.600	39.175
1520	71708.775	50.400
1521	71759.175	50.667
1522	71809.842	50.017
1523	71859.858	47.517
1524	71907.375	49.967
1525	71957.342	45.950
1526	72003.292	50.333
1527	72053.625	47.617
1528	72101.242	46 317
1529	72147.558	46.100
1530	72193.658	45.867
1531	72239.525	48.458
1532	72287.983	46.083
1533	72334.067	49.225
1534	72383.292	50.392
1535	72433.683	49.483
1536	72483.167	48.108
1537	72531.275	49.833
1538	72581.108	50.483
1539	72631.592	47.717
1540	72679.308	49.717
1541	72729.025	49 183
1542	72778.208	50.517
1543	72828.725	48.067
1544	72876.792	51.008
1545	72927.800	49.225
1546	72977.025	50.358
1547	73027.383	47.550
1548	73074.933	49.550
1549	73124.483	37.583
1550	73162.067	49.058
1551	73211.125	44 808
1552	73255.933	48.492
1553	73304 425	47.992
1554	73352.417	44.808
1555	73397.225	45.475
1556	73442.700	48.167
1557	73490.867	47.083
1558	73537.950	42.850
1559	73580.800	46.467
1560	73627.267	44.908
1561	73672.175	47.150
1562	73719.325	48.942
1563	73768.267	48.433
1564	73816.700	47.600
1565	73864.300	46 250
1566	73910.550	45 267

Weld	Distance (ft.)	Joint Length (ft.)
1567	73955.817	49.625
1568	74005.442	48.583
1569	74054.025	48.383
1570	74102.408	34.300
1571	74136.708	48.167
1572	74184.875	46.567
1573	74231.442	47.975
1574	74279 417	44.842
1575	74324.258	50.000
1576	74374.258	51.292
1577	74425 550	49.725
1578	74475.275	49.900
1579	74525 175	50.267
1580	74575.442	48.067
1581	74623.508	49.808
1582	74673.317	47.242
1583	74720.558	49.400
1584	74769.958	29 433
1585	74799.392	51 417
1586	74850.808	48 842
1587	74899.650	50.300
1588	74949.950	45.633
1589	74995.583	50.150
1590	75045.733	18.575
1591	75064.308	50.208
1592	75114 517	49.600
1593	75164 117	48.458
1594	75212.575	49 825
1595	75262.400	50.508
1596	75312.908	50.817
1597	75363.725	49.292
1598	75413.017	52.592
1599	75465 608	48.083
1600	75513.692	50.258
1601	75563.950	45 583
1602	75609.533	50.000
1603	75659.533	46.750
1604	75706.283	44 483
1605	75750 767	5.958
1606	75756.725	48 825
1607	75805.550	47.958
1608	75853.508	51.958
1609	75905.467	49.917
1610	75955 383	46 708
1611	76002.092	49.758
1612	76051.850	49.458
1613	76101.308	50.733
1614	76152 042	51.108
1615	76203.150	48.742
1616	76251.892	48.417
1617	76300.308	50.950
1618	76351.258	50.225
1619	76401 483	45.708
1620	76447.192	48.675
1621	76495.867	51.817
1622	76547.683	47.783
1623	76595.467	45.467
1624	76640.933	53.175

Weld	Distance (ft.)	Joint Length (ft.)
1625	76694.108	49.000
1626	76743.108	46.492
1627	76789.600	50.892
1628	76840.492	51.633
1629	76892.125	42.300
1630	76934 425	49.567
1631	76983 992	48.542
1632	77032 533	48.117
1633	77080.650	47.892
1634	77128.542	50.675
1635	77179.217	49.158
1636	77228.375	49.258
1637	77277.633	48.642
1638	77326.275	48.542
1639	77374.817	46.433
1640	77421.250	50 592
1641	77471.842	48.925
1642	77520.767	48.925
1643	77569.692	51.075
1644	77620.767	48.750
1645	77669.517	42.825
1646	77712.342	45.308
1647	77757.650	48.683
1648	77806.333	47.183
1649	77853.517	49.167
1650	77902.683	47.658
1651	77950.342	51.250
1652	78001.592	44.208
1653	78045.800	48.150
1654	78093.950	47 742
1655	78141.692	47.608
1656	78189.300	44.950
1657	78234 250	46.775
1658	78281.025	48.592
1659	78329.617	47.000
1660	78376.617	46.392
1661	78423.008	49.175
1662	78472 183	44.950
1663	78517.133	49.900
1664	78567.033	48.992
1665	78616.025	46.350
1666	78662.375	48.933
1667	78711.308	49.017
1668	78760 325	47.892
1669	78808.217	40.942
1670	78849.158	43.017
1671	78892.175	43.333
1672	78935.508	51.025
1673	78986.533	48.458
1674	79034.992	44.333
1675	79079.325	51.433
1676	79130.758	46.292
1677	79177.050	50 292
1678	79227.342	28 925
1679	79256.267	50.008
1680	79306 275	51.583
1681	79357.858	50.267
1682	79408.125	47.425

Weld	Distance (ft.)	Joint Length (ft.)
1683	79455.550	48.333
1684	79503.883	47.183
1685	79551.067	50.675
1686	79601.742	18.983
1687	79620.725	51.125
1688	79671.850	50.442
1689	79722.292	49.758
1690	79772.050	47.058
1691	79819.108	50.383
1692	79869.492	51.008
1693	79920.500	50 942
1694	79971.442	49.858
1695	80021 300	49.683
1696	80070.983	50.283
1697	80121.267	30.250
1698	80151.517	51.558
1699	80203.075	50.100
1700	80253.175	51.725
1701	80304.900	49 858
1702	80354.758	49.633
1703	80404.392	19.900
1704	80424.292	49.808
1705	80474.100	50.375
1706	80524.475	33.592
1707	80558.067	15.858
1708	80573.925	35.458
1709	80609.383	45.467
1710	80654.850	4.408
1711	80659 258	50.858
1712	80710.117	50.558
1713	80760.675	50.533
1714	80811.208	52.283
1715	80863.492	49.925
1716	80913.417	49 325
1717	80962.742	50.233
1718	81012 975	9.942
1719	81022.917	49.000
1720	81071.917	49.700
1721	81121.617	40.083
1722	81161.700	50 183
1723	81211.883	49.725
1724	81261 608	49.850
1725	81311.458	49.408
1726	81360.867	50.492
1727	81411.358	49.633
1728	81460.992	46.558
1729	81507 550	49.708
1730	81557.258	49.950
1731	81607.208	50.042
1732	81657.250	48.817
1733	81706.067	49.600
1734	81755.667	50.517
1735	81806.183	49.667
1736	81855 850	50.575
1737	81906.425	50.158
1738	81956.583	45.950
1739	82002.533	50 608
1740	82053.142	49.258

Weld	Distance (ft.)	Joint Length (ft.)
1741	82102.400	48.408
1742	82150.808	49.875
1743	82200.683	49.758
1744	82250.442	50.250
1745	82300.692	49.975
1746	82350.667	49 933
1747	82400.600	50.242
1748	82450.842	50.800
1749	82501.642	51.767
1750	82553.408	49.867
1751	82603.275	39.400
1752	82642.675	50.200
1753	82692.875	50.283
1754	82743.158	50.650
1755	82793 808	36.650
1756	82830.458	51.192
1757	82881.650	49.375
1758	82931.025	50.183
1759	82981 208	49.267
1760	83030.475	50.558
1761	83081.033	45 608
1762	83126.642	49.192
1763	83175.833	48.675
1764	83224.508	47.175
1765	83271.683	47.783
1766	83319.467	49.183
1767	83368 650	50.750
1768	83419 400	50.750
1769	83470 150	38.425
1770	83508.575	48 642
1771	83557.217	37.875
1772	83595.092	41.133
1773	83636.225	40 608
1774	83676.833	48.150
1775	83724.983	45.800
1776	83770.783	31.417
1777	83802.200	52.050
1778	83854.250	48.567
1779	83902 817	50.000
1780	83952.817	50 300
1781	84003.117	49 592
1782	84052.708	50.258
1783	84102.967	50.092
1784	84153.058	52.475
1785	84205.533	49.350
1786	84254.883	52.492
1787	84307 375	44.325
1788	84351.700	40.467
1789	84392.167	51.400
1790	84443.567	48.200
1791	84491.767	50.683
1792	84542 450	48.242
1793	84590 692	41.283
1794	84631 975	46.458
1795	84678.433	51.233
1796	84729.667	43 050
1797	84772.717	49.808
1798	84822 525	47.925

Weld	Distance (ft.)	Joint Length (ft.)
1799	84870.450	37.025
1800	84907.475	3.083
1801	84910.558	6.250
1802	84916.808	50.075
1803	84966.883	48.742
1804	85015.625	23.275
1805	85038.900	11.658
1806	85050.558	5.683
1807	85056.242	51.567
1808	85107.808	47.900
1809	85155.708	50.267
1810	85205.975	31.892
1811	85237.867	30.333
1812	85268.200	35.525
1813	85303.725	39.692
1814	85343.417	50.642
1815	85394.058	47.725
1816	85441.783	45.808
1817	85487.592	49.292
1818	85536.883	43.675
1819	85580.558	49.958
1820	85630.517	50.525
1821	85681.042	49.367
1822	85730.408	42.525
1823	85772.933	49.492
1824	85822.425	49.150
1825	85871.575	47.875
1826	85919.450	49.758
1827	85969.208	46.800
1828	86016.008	46.292
1829	86062.300	49.500
1830	86111.800	50.575
1831	86162.375	51.633
1832	86214.008	44.558
1833	86258.567	49 750
1834	86308.317	50 042
1835	86358 358	47.583
1836	86405.942	49.583
1837	86455.525	51.558
1838	86507.083	47.500
1839	86554.583	46.817
1840	86601.400	49.975
1841	86651.375	47.450
1842	86698.825	47.642
1843	86746 467	48.550
1844	86795.017	50.392
1845	86845.408	34.383
1846	86879.792	50.267
1847	86930.058	47.525
1848	86977.583	50.242
1849	87027.825	49.883
1850	87077.708	46.450
1851	87124.158	48.825
1852	87172.983	48.650
1853	87221.633	34.583
1854	87256.217	50.758
1855	87306 975	49.850
1856	87356 825	35.450

Weld	Distance (ft.)	Joint Length (ft.)
1857	87392.275	47.617
1858	87439.892	50.350
1859	87490.242	35.575
1860	87525.817	49 417
1861	87575.233	51.100
1862	87626.333	50.683
1863	87677 017	49.375
1864	87726 392	48.642
1865	87775 033	47.008
1866	87822.042	51.192
1867	87873.233	50.025
1868	87923.258	50.775
1869	87974.033	48.383
1870	88022.417	45.825
1871	88068.242	49.250
1872	88117.492	52.125
1873	88169.617	50.267
1874	88219.883	44 183
1875	88264.067	48.358
1876	88312.425	48.475
1877	88360.900	50.217
1878	88411.117	50.075
1879	88461.192	50.858
1880	88512.050	49.842
1881	88561.892	49.142
1882	88611.033	48.767
1883	88659.800	47.775
1884	88707.575	48.958
1885	88756.533	50.167
1886	88806.700	48.567
1887	88855.267	50.483
1888	88905.750	49.408
1889	88955.158	50.025
1890	89005.183	48.133
1891	89053.317	44.067
1892	89097.383	41.350
1893	89138.733	42.883
1894	89181 617	51.850
1895	89233 467	48.392
1896	89281.858	50.008
1897	89331.867	50.267
1898	89382.133	50.008
1899	89432.142	49 042
1900	89481.183	49.500
1901	89530.683	51 267
1902	89581 950	50.650
1903	89632.600	36.575
1904	89669 175	46.067
1905	89715.242	51.350
1906	89766.592	50.383
1907	89816.975	50.333
1908	89867.308	48.583
1909	89915.892	46 433
1910	89962.325	49.325
1911	90011.650	45.500
1912	90057.150	47.725
1913	90104.875	50.058
1914	90154 933	47.933

Weld	Distance (ft.)	Joint Length (ft.)
1915	90202.867	40.842
1916	90243 708	50.508
1917	90294.217	51.158
1918	90345 375	50.108
1919	90395.483	47.492
1920	90442.975	50.542
1921	90493.517	47.342
1922	90540.858	49.450
1923	90590.308	46.917
1924	90637.225	46.333
1925	90683.558	40.875
1926	90724 433	44.450
1927	90768.883	50.392
1928	90819.275	47.400
1929	90866 675	52.092
1930	90918.767	50.658
1931	90969.425	48.417
1932	91017.842	51.275
1933	91069.117	49.450
1934	91118.567	50.917
1935	91169.483	41.083
1936	91210.567	48.133
1937	91258.700	48 175
1938	91306.875	48.108
1939	91354.983	45.633
1940	91400.617	49.542
1941	91450.158	50.358
1942	91500.517	50.358
1943	91550.875	47.892
1944	91598.767	51 058
1945	91649 825	48.275
1946	91698.100	42.975
1947	91741.075	44.242
1948	91785.317	47.333
1949	91832.650	50 708
1950	91883.358	47.408
1951	91930 767	49.292
1952	91980.058	48.508
1953	92028.567	48.267
1954	92076 833	49.833
1955	92126.667	46.975
1956	92173 642	41.308
1957	92214.950	47.433
1958	92262.383	49 300
1959	92311.683	51.483
1960	92363 167	45.308
1961	92408.475	50.450
1962	92458.925	46.392
1963	92505.317	48 542
1964	92553 858	48.750
1965	92602.608	47.025
1966	92649.633	49.508
1967	92699.142	36.050
1968	92735 192	4 000
1969	92739 192	16.625
1970	92755.817	26.208
1971	92782.025	37.258
1972	92819.283	2.450

Weld	Distance (ft.)	Joint Length (ft.)
1973	92821.733	4.667
1974	92826.400	2.792
1975	92829.192	4.967
1976	92834.158	3.725
1977	92837.883	49.042
1978	92886.925	49.992
1979	92936.917	47.192
1980	92984.108	49.483
1981	93033.592	51.942
1982	93085.533	48.600
1983	93134.133	47.308
1984	93181.442	50.992
1985	93232.433	49.150
1986	93281.583	47.300
1987	93328.883	49 117
1988	93378.000	49 442
1989	93427.442	49.942
1990	93477.383	51.875
1991	93529.258	49.383
1992	93578.642	48 475
1993	93627.117	50.275
1994	93677.392	50.600
1995	93727.992	49.542
1996	93777.533	46.108
1997	93823.642	49.908
1998	93873.550	46 050
1999	93919 600	47.242
2000	93966.842	49 825
2001	94016 667	48.517
2002	94065.183	48.242
2003	94113.425	50.258
2004	94163.683	48 942
2005	94212 625	50.025
2006	94262.650	50.058
2007	94312.708	50.400
2008	94363.108	48.700
2009	94411.808	50 492
2010	94462.300	47 858
2011	94510.158	49.867
2012	94560.025	51.475
2013	94611.500	38.658
2014	94650.158	49.983
2015	94700.142	49.333
2016	94749.475	48.333
2017	94797.808	48.733
2018	94846.542	43.608
2019	94890 150	50.983
2020	94941 133	50.208
2021	94991.342	49.908
2022	95041.250	50.350
2023	95091.600	44.975
2024	95136 575	48.783
2025	95185.358	28.883
2026	95214.242	51.733
2027	95265.975	45.375
2028	95311.350	49.742
2029	95361.092	51.233
2030	95412 325	44.958

Weld	Distance (ft.)	Joint Length (ft.)
2031	95457.283	49.758
2032	95507.042	49.900
2033	95556.942	48.950
2034	95605.892	45.133
2035	95651.025	50.608
2036	95701.633	47.175
2037	95748.808	51 517
2038	95800.325	50 233
2039	95850.558	50.050
2040	95900.608	48.150
2041	95948.758	10.967
2042	95959.725	5.850
2043	95965.575	8.875
2044	95974.450	19.200
2045	95993.650	2.025
2046	95995.675	43 650
2047	96039.325	21.967
2048	96061 292	19.500
2049	96080.792	41.025
2050	96121.817	39.508
2051	96161.325	42.408
2052	96203.733	41.425
2053	96245.158	41.092
2054	96286.250	41.967
2055	96328.217	41.742
2056	96369.958	38.150
2057	96408.108	40.492
2058	96448.600	42.617
2059	96491.217	40.458
2060	96531.675	42.575
2061	96574.250	40 142
2062	96614.392	41.300
2063	96655.692	43.767
2064	96699.458	42.208
2065	96741.667	42.725
2066	96784.392	42.483
2067	96826 875	43.083
2068	96869.958	37.775
2069	96907.733	40.958
2070	96948.692	42.683
2071	96991.375	40 442
2072	97031 817	41.733
2073	97073.550	42.392
2074	97115.942	41.908
2075	97157.850	37.342
2076	97195.192	41 467
2077	97236 658	44.058
2078	97280.717	40.167
2079	97320.883	42.892
2080	97363.775	43.592
2081	97407 367	41.450
2082	97448.817	43.650
2083	97492.467	41.758
2084	97534.225	44.242
2085	97578.467	44.283
2086	97622 750	43.817
2087	97666 567	40.617
2088	97707.183	43.967

Weld	Distance (ft.)	Joint Length (ft.)
2089	97751.150	41.692
2090	97792.842	35.117
2091	97827.958	42.367
2092	97870.325	42.717
2093	97913.042	43.100
2094	97956.142	43.342
2095	97999.483	35.875
2096	98035.358	42.975
2097	98078.333	41.792
2098	98120 125	43.075
2099	98163 200	42.150
2100	98205.350	39.875
2101	98245.225	43.042
2102	98288.267	40.058
2103	98328.325	37.958
2104	98366.283	43.908
2105	98410.192	43 333
2106	98453.525	43.108
2107	98496.633	43.525
2108	98540 158	43.550
2109	98583.708	41.975
2110	98625.683	41.492
2111	98667.175	41.667
2112	98708.842	37.625
2113	98746.467	37.317
2114	98783.783	41.567
2115	98825.350	42.583
2116	98867.933	38.883
2117	98906.817	40.592
2118	98947.408	42.042
2119	98989 450	40.692
2120	99030.142	41.942
2121	99072.083	42.808
2122	99114.892	42 825
2123	99157.717	36.350
2124	99194 067	43.025
2125	99237.092	40.408
2126	99277.500	43.783
2127	99321.283	43.383
2128	99364.667	43.542
2129	99408.208	42.625
2130	99450.833	43.325
2131	99494 158	42.717
2132	99536.875	42.983
2133	99579.858	41.692
2134	99621.550	43.675
2135	99665.225	42.567
2136	99707.792	41 750
2137	99749.542	43.783
2138	99793.325	42.967
2139	99836.292	41.950
2140	99878.242	42.858
2141	99921.100	42.558
2142	99963.658	41.192
2143	100004.850	43.542
2144	100048.392	40.867
2145	100089 258	43.433
2146	100132.692	43.825

Weld	Distance (ft.)	Joint Length (ft.)
2147	100176.517	42.667
2148	100219.183	43.275
2149	100262.458	41.550
2150	100304.008	41.683
2151	100345.692	41.142
2152	100386.833	43.333
2153	100430.167	43.225
2154	100473.392	41.900
2155	100515.292	43.092
2156	100558.383	42.575
2157	100600.958	21.692
2158	100622.650	41.783
2159	100664.433	43.342
2160	100707.775	42.442
2161	100750.217	42.092
2162	100792.308	41.533
2163	100833.842	40.208
2164	100874.050	38.133
2165	100912 183	36.300
2166	100948 483	41.800
2167	100990.283	1.983
2168	100992.267	45.333
2169	101037.600	46.650
2170	101084.250	50.850
2171	101135.100	45.108
2172	101180.208	47.375
2173	101227.583	42.592
2174	101270.175	45.108
2175	101315.283	45.417
2176	101360.700	45.050
2177	101405.750	39.133
2178	101444.883	44.525
2179	101489.408	46.475
2180	101535.883	44.342
2181	101580.225	41.725
2182	101621 950	42.242
2183	101664.192	48.367
2184	101712.558	44.883
2185	101757.442	47.608
2186	101805.050	7.767
2187	101812.817	5.642
2188	101818.458	36.458
2189	101854.917	38.600
2190	101893.517	46.000
2191	101939.517	43 917
2192	101983.433	44.633
2193	102028.067	43.842
2194	102071.908	46.008
2195	102117.917	45.417
2196	102163.333	44.283
2197	102207.617	45.458
2198	102253.075	45.375
2199	102298.450	45.658
2200	102344 108	44.417
2201	102388.525	44 733
2202	102433.258	45.292
2203	102478.550	44.383
2204	102522 933	43.233

Weld	Distance (ft.)	Joint Length (ft.)
2205	102566.167	42.042
2206	102608.208	44.167
2207	102652 375	39.583
2208	102691.958	46.792
2209	102738.750	34.558
2210	102773.308	46 200
2211	102819.508	48 400
2212	102867.908	46.692
2213	102914.600	46.050
2214	102960.650	47.792
2215	103008.442	25.383
2216	103033.825	46.358
2217	103080.183	47.775
2218	103127.958	41.692
2219	103169.650	45.708
2220	103215.358	46.258
2221	103261.617	45.592
2222	103307.208	2.750
2223	103309.958	12.500
2224	103322.458	12.617
2225	103335.075	5.225
2226	103340.300	2.908
2227	103343.208	4.492
2228	103347.700	12.475
2229	103360 175	12.617
2230	103372.792	2 325
2231	103375.117	28.767
2232	103403.883	46.342
2233	103450.225	41.225
2234	103491.450	46.333
2235	103537.783	46.500
2236	103584.283	48.575
2237	103632.858	46.392
2238	103679.250	46 825
2239	103726.075	46.583
2240	103772.658	45.542
2241	103818.200	45.850
2242	103864.050	44.642
2243	103908.692	46.575
2244	103955.267	46 992
2245	104002.258	46.567
2246	104048.825	34.950
2247	104083.775	31.608
2248	104115.383	46.192
2249	104161.575	45.683
2250	104207.258	41 192
2251	104248.450	14.467
2252	104262.917	45.233
2253	104308.150	47.158
2254	104355.308	45.525
2255	104400.833	51.192
2256	104452.025	43 267
2257	104495.292	45.467
2258	104540.758	46.733
2259	104587.492	44.667
2260	104632.158	50.633
2261	104682.792	46.792
2262	104729.583	45.192

Weld	Distance (ft.)	Joint Length (ft.)
2263	104774.775	47.283
2264	104822.058	46.233
2265	104868.292	46.950
2266	104915.242	47.967
2267	104963.208	48.467
2268	105011.675	48.975
2269	105060.650	48.492
2270	105109.142	48.083
2271	105157.225	47.608
2272	105204.833	49.433
2273	105254.267	49.092
2274	105303.358	48.792
2275	105352.150	47.983
2276	105400.133	49.717
2277	105449.850	46.058
2278	105495.908	44.525
2279	105540.433	45.492
2280	105585.925	49.450
2281	105635 375	49 442
2282	105684.817	50.125
2283	105734.942	48.592
2284	105783.533	48.392
2285	105831 925	49.425
2286	105881.350	47.525
2287	105928.875	45 700
2288	105974.575	50 125
2289	106024.700	46.508
2290	106071.208	48.033
2291	106119 242	46 725
2292	106165.967	49.792
2293	106215.758	47.742
2294	106263.500	53.092
2295	106316.592	46.017
2296	106362.608	48.283
2297	106410.892	48.100
2298	106458 992	48 842
2299	106507.833	46.767
2300	106554.600	50.650
2301	106605 250	49 833
2302	106655.083	40.600
2303	106695.683	47.467
2304	106743.150	48.167
2305	106791.317	49.475
2306	106840.792	49.192
2307	106889.983	40.450
2308	106930.433	50.075
2309	106980.508	46.908
2310	107027.417	42.817
2311	107070.233	47.825
2312	107118 058	48.217
2313	107166.275	49.442
2314	107215.717	48.300
2315	107264 017	49.017
2316	107313.033	39.950
2317	107352.983	35.867
2318	107388 850	49.842
2319	107438.692	47 633
2320	107486.325	47.692

Weld	Distance (ft.)	Joint Length (ft.)
2321	107534.017	10 433
2322	107544.450	48.050
2323	107592.500	48.058
2324	107640.558	49.400
2325	107689.958	40.067
2326	107730.025	48.375
2327	107778.400	43.475
2328	107821.875	49.125
2329	107871.000	48.150
2330	107919.150	49.917
2331	107969.067	46.683
2332	108015.750	48.558
2333	108064.308	49.600
2334	108113.908	49.900
2335	108163.808	46.208
2336	108210.017	48.658
2337	108258.675	52.417
2338	108311.092	48.025
2339	108359 117	48.167
2340	108407.283	48.683
2341	108455.967	47.842
2342	108503.808	48.158
2343	108551.967	49 042
2344	108601.008	49.208
2345	108650.217	48.792
2346	108699 008	45.750
2347	108744.758	49.583
2348	108794.342	48.750
2349	108843 092	48 792
2350	108891.883	49.133
2351	108941.017	48.625
2352	108989.642	49.708
2353	109039.350	40.742
2354	109080.092	48.942
2355	109129.033	47.433
2356	109176 467	48 058
2357	109224.525	48.383
2358	109272.908	43.767
2359	109316.675	48.575
2360	109365.250	42.992
2361	109408.242	48.283
2362	109456 525	48 992
2363	109505.517	48.808
2364	109554.325	45.242
2365	109599 567	49 775
2366	109649 342	47.667
2367	109697.008	43.550
2368	109740.558	27.158
2369	109767.717	49.758
2370	109817.475	21.908
2371	109839.383	48.125
2372	109887.508	49.308
2373	109936.817	48.842
2374	109985 658	44.683
2375	110030.342	46.450
2376	110076.792	44.017
2377	110120.808	45.875
2378	110166.683	43.775

Weld	Distance (ft.)	Joint Length (ft.)
2379	110210 458	47.917
2380	110258.375	49.875
2381	110308.250	50.492
2382	110358.742	49 292
2383	110408.033	50.392
2384	110458.425	48.992
2385	110507.417	43.875
2386	110551.292	44 667
2387	110595.958	48 542
2388	110644 500	49.842
2389	110694 342	40.383
2390	110734.725	47.875
2391	110782.600	48.417
2392	110831.017	49.092
2393	110880.108	49.108
2394	110929.217	47.833
2395	110977.050	43.917
2396	111020.967	44.733
2397	111065.700	49.783
2398	111115.483	50.267
2399	111165.750	48.375
2400	111214.125	47.167
2401	111261.292	50.242
2402	111311.533	21.600
2403	111333.133	47.025
2404	111380.158	45.617
2405	111425.775	46.050
2406	111471.825	47.033
2407	111518.858	25.758
2408	111544 617	46.650
2409	111591.267	46.350
2410	111637.617	44.775
2411	111682.392	45.408
2412	111727.800	39.517
2413	111767.317	45 992
2414	111813.308	47.808
2415	111861.117	46.192
2416	111907.308	44.275
2417	111951.583	45.150
2418	111996.733	45.992
2419	112042.725	48.933
2420	112091.658	45 017
2421	112136.675	44.992
2422	112181.667	49 075
2423	112230.742	47 483
2424	112278 225	43.908
2425	112322.133	43.008
2426	112365.142	45 383
2427	112410.525	44.675
2428	112455.200	49.442
2429	112504.642	34 208
2430	112538.850	44.658
2431	112583 508	45.300
2432	112628.808	50.133
2433	112678.942	48.658
2434	112727 600	49.900
2435	112777.500	45 625
2436	112823.125	44.725

Weld	Distance (ft.)	Joint Length (ft.)
2437	112867.850	50.125
2438	112917 975	45.425
2439	112963 400	45.158
2440	113008.558	45.292
2441	113053 850	43 992
2442	113097.842	48.883
2443	113146.725	49.100
2444	113195.825	14.167
2445	113209.992	45 842
2446	113255.833	44 208
2447	113300.042	25.067
2448	113325.108	48.175
2449	113373.283	46.942
2450	113420.225	24.858
2451	113445.083	45.642
2452	113490.725	46.858
2453	113537 583	20.225
2454	113557.808	48.458
2455	113606.267	48.492
2456	113654.758	44.317
2457	113699.075	46 950
2458	113746.025	46 983
2459	113793.008	48.908
2460	113841.917	46 892
2461	113888.808	44.908
2462	113933.717	45.283
2463	113979.000	47.208
2464	114026.208	43.867
2465	114070.075	49.058
2466	114119.133	49.825
2467	114168 958	46.208
2468	114215.167	43 692
2469	114258.858	45.642
2470	114304.500	45 142
2471	114349.642	37.050
2472	114386.692	45.492
2473	114432.183	47.758
2474	114479.942	48.733
2475	114528.675	50.275
2476	114578 950	48.100
2477	114627 050	47.942
2478	114674.992	51.142
2479	114726.133	46.408
2480	114772.542	49.758
2481	114822.300	48.650
2482	114870.950	48.375
2483	114919.325	48.542
2484	114967.867	47.900
2485	115015.767	49.017
2486	115064.783	47.217
2487	115112.000	37.258
2488	115149.258	48.708
2489	115197.967	51.592
2490	115249.558	48.383
2491	115297 942	34.967
2492	115332.908	48.733
2493	115381.642	44.867
2494	115426.508	46.375

Weld	Distance (ft.)	Joint Length (ft.)
2495	115472.883	30.142
2496	115503.025	48.225
2497	115551.250	47.942
2498	115599.192	19.800
2499	115618.992	46.142
2500	115665.133	48.142
2501	115713 275	45.825
2502	115759.100	44.425
2503	115803.525	42.800
2504	115846.325	44.683
2505	115891.008	49.717
2506	115940.725	46.917
2507	115987.642	45.625
2508	116033.267	43 383
2509	116076.650	39.650
2510	116116.300	42.258
2511	116158.558	42.217
2512	116200.775	43.717
2513	116244.492	44.933
2514	116289.425	43.900
2515	116333.325	43.808
2516	116377.133	45.817
2517	116422 950	27.900
2518	116450.850	45.000
2519	116495.850	46.358
2520	116542.208	15.900
2521	116558.108	45.900
2522	116604.008	45.617
2523	116649.625	44.000
2524	116693.625	46.533
2525	116740.158	42.633
2526	116782.792	44.033
2527	116826.825	48.300
2528	116875 125	45.033
2529	116920.158	44.633
2530	116964.792	45.525
2531	117010.317	48.333
2532	117058.650	44.500
2533	117103.150	45.083
2534	117148.233	43.900
2535	117192.133	35.292
2536	117227.425	44.783
2537	117272.208	45.092
2538	117317.300	45.642
2539	117362.942	50 333
2540	117413.275	45.567
2541	117458.842	42.967
2542	117501.808	44.783
2543	117546 592	44.667
2544	117591.258	43.117
2545	117634.375	45.083
2546	117679.458	43.875
2547	117723.333	47.842
2548	117771.175	49.192
2549	117820.367	47.617
2550	117867.983	44.208
2551	117912.192	48.467
2552	117960.658	49.892

Weld	Distance (ft.)	Joint Length (ft.)
2553	118010.550	49.058
2554	118059.608	49.417
2555	118109.025	28.592
2556	118137.617	45.675
2557	118183.292	45.217
2558	118228.508	41.217
2559	118269.725	45.633
2560	118315.358	47.808
2561	118363.167	46.183
2562	118409.350	48.758
2563	118458.108	46.867
2564	118504.975	42.542
2565	118547.517	49.142
2566	118596.658	45.058
2567	118641.717	48.075
2568	118689.792	42.150
2569	118731.942	45.258
2570	118777.200	36.942
2571	118814.142	49.775
2572	118863.917	44.042
2573	118907.958	49.700
2574	118957.658	45.283
2575	119002.942	48.333
2576	119051 275	44.833
2577	119096.108	48.142
2578	119144.250	49.625
2579	119193.875	48.742
2580	119242.617	50.158
2581	119292.775	45.042
2582	119337.817	44.558
2583	119382.375	45.175
2584	119427.550	44.950
2585	119472 500	43 500
2586	119516.000	47.367
2587	119563.367	45.142
2588	119608.508	48.267
2589	119656.775	47.392
2590	119704.167	49.200
2591	119753.367	44.333
2592	119797.700	48.842
2593	119846.542	43.975
2594	119890.517	43 967
2595	119934.483	48.042
2596	119982.525	50.125
2597	120032.650	48.250
2598	120080.900	45.733
2599	120126.633	48.800
2600	120175.433	44.633
2601	120220.067	45.467
2602	120265.533	48 042
2603	120313.575	41.567
2604	120355.142	50.017
2605	120405.158	45.208
2606	120450.367	48.500
2607	120498.867	48.183
2608	120547.050	43.983
2609	120591.033	38.583
2610	120629.617	48.250

Weld	Distance (ft.)	Joint Length (ft.)
2611	120677 867	44.900
2612	120722.767	3.683
2613	120726.450	5.483
2614	120731.933	49.233
2615	120781.167	37.258
2616	120818.425	51.108
2617	120869.533	48.950
2618	120918.483	17.550
2619	120936.033	50.092
2620	120986.125	49.683
2621	121035.808	51.292
2622	121087.100	49.733
2623	121136 833	48.542
2624	121185.375	49.600
2625	121234.975	50.633
2626	121285.608	51.108
2627	121336.717	51.642
2628	121388.358	49.608
2629	121437 967	51.692
2630	121489.658	50.508
2631	121540.167	50.742
2632	121590.908	51.233
2633	121642 142	48.250
2634	121690.392	49.958
2635	121740.350	49.033
2636	121789.383	50.475
2637	121839 858	50.417
2638	121890 275	50.908
2639	121941.183	50.767
2640	121991.950	49.725
2641	122041.675	49.417
2642	122091 092	50 658
2643	122141.750	50 800
2644	122192.550	48.208
2645	122240.758	50.883
2646	122291 642	50 967
2647	122342.608	50.000
2648	122392.608	50.817
2649	122443.425	51.525
2650	122494.950	50.567
2651	122545.517	50.575
2652	122596.092	51.133
2653	122647 225	49 975
2654	122697.200	48 517
2655	122745.717	43.150
2656	122788.867	49.217
2657	122838.083	46.975
2658	122885.058	49 333
2659	122934.392	50.075
2660	122984.467	45 767
2661	123030 233	49 733
2662	123079.967	50.075
2663	123130.042	49.633
2664	123179 675	48.700
2665	123228.375	49.500
2666	123277.875	47.975
2667	123325.850	49.400
2668	123375.250	49.342
2669	123424.592	48.933
2670	123473.525	50 583
2671	123524.108	50 083
2672	123574 192	49.708
2673	123623.900	51.250
2674	123675.150	33.575
2675	123708.725	50.017
2676	123758.742	49.308
2677	123808.050	49.683
2678	123857.733	51.083
2679	123908.817	50.208
2680	123959 025	47.750
2681	124006.775	49.125
2682	124055.900	46.908
2683	124102.808	47.692
2684	124150.500	39 017
2685	124189 517	48.817
2686	124238.333	49.558
2687	124287.892	51.492
2688	124339.383	50.092
2689	124389.475	49.908
2690	124439.383	49.792
2691	124489 175	48.867
2692	124538.042	50.008
2693	124588.050	49 183
2694	124637.233	37 008
2695	124674 242	47.350
2696	124721.592	48.225
2697	124769.817	51.525
2698	124821.342	39 100
2699	124860.442	50 208
2700	124910 650	43.042
2701	124953.692	49.792
2702	125003.483	48.008
2703	125051.492	49 050
2704	125100.542	37.608
2705	125138.150	48.475
2706	125186.625	41.942
2707	125228.567	50 200
2708	125278.767	50.433
2709	125329.200	49.950
2710	125379.150	50.425
2711	125429.575	48.992
2712	125478.567	49.900
2713	125528.467	49.717
2714	125578.183	50 550
2715	125628.733	49 325
2716	125678.058	49.742
2717	125727.800	50.500
2718	125778 300	49 550
2719	125827.850	50.517
2720	125878.367	50.258
2721	125928.625	46.917
2722	125975.542	50.975
2723	126026.517	40.125
2724	126066.642	47.600
2725	126114.242	49 183
2726	126163 425	50 550
2727	126213.975	49.175
2728	126263.150	50.425
2729	126313.575	51.175
2730	126364.750	45.583
2731	126410 333	50.117
2732	126460 450	47.908
2733	126508.358	50.592
2734	126558.950	49.658
2735	126608.608	50.450
2736	126659.058	51.158
2737	126710.217	48 167
2738	126758.383	50.133
2739	126808.517	50.642
2740	126859.158	50.492
2741	126909.650	50.842
2742	126960 492	34.542
2743	126995 033	49.700
2744	127044.733	49.333
2745	127094.067	51.075
2746	127145.142	46.608
2747	127191.750	49.883
2748	127241.633	47.525
2749	127289.158	50 833
2750	127339.992	49.008
2751	127389.000	49.967
2752	127438.967	49.133
2753	127488.100	49 733
2754	127537.833	48.692
2755	127586.525	49.642
2756	127636.167	46.475
2757	127682.642	50.192
2758	127732.833	51.258
2759	127784.092	49.583
2760	127833.675	49.333
2761	127883.008	50.983
2762	127933.992	49.700
2763	127983.692	48.342
2764	128032.033	48.750
2765	128080.783	48.842
2766	128129.625	46.708
2767	128176.333	48.900
2768	128225.233	48.158
2769	128273 392	51.525
2770	128324.917	49.625
2771	128374.542	49.358
2772	128423.900	49.750
2773	128473.650	50.425
2774	128524 075	50 375
2775	128574.450	49.408
2776	128623.858	50.775
2777	128674 633	50.942
2778	128725.575	49 533
2779	128775.108	48.625
2780	128823.733	49.867
2781	128873 600	49.783
2782	128923.383	50 242
2783	128973.625	51.092
2784	129024.717	51.417

Weld	Distance (ft.)	Joint Length (ft.)
2785	129076.133	50.117
2786	129126.250	42.625
2787	129168.875	49.008
2788	129217 883	50.400
2789	129268.283	47 950
2790	129316 233	49.250
2791	129365.483	51.792
2792	129417.275	48.900
2793	129466.175	39.050
2794	129505.225	46.758
2795	129551.983	50.900
2796	129602.883	51.108
2797	129653.992	48.850
2798	129702.842	49.658
2799	129752 500	45.650
2800	129798.150	50.217
2801	129848.367	51.450
2802	129899.817	51.242
2803	129951.058	50.933
2804	130001.992	50.533
2805	130052.525	49.000
2806	130101.525	49.292
2807	130150.817	47.308
2808	130198.125	48 925
2809	130247.050	51 008
2810	130298.058	48.350
2811	130346 408	48.500
2812	130394.908	44.483
2813	130439.392	49.817
2814	130489.208	48.533
2815	130537.742	51.517
2816	130589.258	51 092
2817	130640 350	50.717
2818	130691.067	51.125
2819	130742.192	49.442
2820	130791.633	48.992
2821	130840.625	31.033
2822	130871.658	33.125
2823	130904.783	47.992
2824	130952 775	49.283
2825	131002 058	47.492
2826	131049 550	47.900
2827	131097.450	51.475
2828	131148.925	49.350
2829	131198.275	51.617
2830	131249.892	50.275
2831	131300 167	49.708
2832	131349.875	44.908
2833	131394.783	49.792
2834	131444.575	49.792
2835	131494 367	49.550
2836	131543.917	47.350
2837	131591.267	49 883
2838	131641.150	50.125
2839	131691.275	50.567
2840	131741.842	50.633
2841	131792.475	48 125
2842	131840 600	50.700

Weld	Distance (ft.)	Joint Length (ft.)
2843	131891.300	46.817
2844	131938.117	50.250
2845	131988 367	49.483
2846	132037 850	49.350
2847	132087.200	50.900
2848	132138 100	49.158
2849	132187.258	38.367
2850	132225.625	49.033
2851	132274.658	49.725
2852	132324.383	42.358
2853	132366.742	45.900
2854	132412.642	50.150
2855	132462.792	49.708
2856	132512.500	50.758
2857	132563.258	49.967
2858	132613.225	49.983
2859	132663.208	50.767
2860	132713.975	50.108
2861	132764 083	51.417
2862	132815.500	48.050
2863	132863.550	48.842
2864	132912.392	50.950
2865	132963.342	49.442
2866	133012.783	49.675
2867	133062.458	50.833
2868	133113.292	36.792
2869	133150.083	34.458
2870	133184.542	49 442
2871	133233.983	50 167
2872	133284.150	35.733
2873	133319.883	49.533
2874	133369.417	50.433
2875	133419.850	50.467
2876	133470.317	46.450
2877	133516.767	49.267
2878	133566.033	50 267
2879	133616.300	48.450
2880	133664.750	50.300
2881	133715.050	50.308
2882	133765.358	50.125
2883	133815.483	49.975
2884	133865 458	51.775
2885	133917.233	50 425
2886	133967.658	50.192
2887	134017.850	48.858
2888	134066.708	50.933
2889	134117.642	50.633
2890	134168.275	37.767
2891	134206.042	50.442
2892	134256.483	51.592
2893	134308.075	51.150
2894	134359.225	51.108
2895	134410.333	50.742
2896	134461 075	47.092
2897	134508.167	50 967
2898	134559.133	45.767
2899	134604.900	51.242
2900	134656.142	51.292

Weld	Distance (ft.)	Joint Length (ft.)
2901	134707.433	49.775
2902	134757.208	50.067
2903	134807.275	35.025
2904	134842.300	51.042
2905	134893.342	50.325
2906	134943.667	48.575
2907	134992.242	48.825
2908	135041.067	50.442
2909	135091.508	49.258
2910	135140.767	51.217
2911	135191.983	49.525
2912	135241.508	50.983
2913	135292.492	49 658
2914	135342.150	49 275
2915	135391.425	51.283
2916	135442.708	47.875
2917	135490.583	50.908
2918	135541.492	50.967
2919	135592.458	48.242
2920	135640.700	46.633
2921	135687.333	51.375
2922	135738.708	48.733
2923	135787.442	49.508
2924	135836.950	34 942
2925	135871.892	41.967
2926	135913.858	46.725
2927	135960.583	51.442
2928	136012.025	47.617
2929	136059.642	48.200
2930	136107.842	49.608
2931	136157.450	51.117
2932	136208.567	49.733
2933	136258.300	48 900
2934	136307.200	45.983
2935	136353.183	49.483
2936	136402.667	50.150
2937	136452.817	50.583
2938	136503.400	50.200
2939	136553.600	41.633
2940	136595.233	50.258
2941	136645.492	46.800
2942	136692.292	47.975
2943	136740.267	50.192
2944	136790.458	48.242
2945	136838.700	50.717
2946	136889.417	42.083
2947	136931.500	44.067
2948	136975.567	50.817
2949	137026.383	48.825
2950	137075.208	49.517
2951	137124.725	44.792
2952	137169.517	31.117
2953	137200 633	48.358
2954	137248.992	50 242
2955	137299.233	49.325
2956	137348.558	50.917
2957	137399.475	50.542
2958	137450.017	50 133

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Weld	Distance (ft.)	Joint Length (ft.)
2959	137500.150	40.375
2960	137540.525	39.783
2961	137580.308	40.383
2962	137620.692	49 408
2963	137670 100	49.025
2964	137719.125	48.425
2965	137767.550	50.792
2966	137818.342	49.942
2967	137868.283	45.517
2968	137913.800	50.525
2969	137964.325	50.725
2970	138015 050	50.267
2971	138065.317	50.850
2972	138116.167	50.333
2973	138166.500	45.008
2974	138211.508	38.175
2975	138249.683	46.475
2976	138296.158	51.292
2977	138347.450	49.750
2978	138397.200	49 483
2979	138446 683	50 542
2980	138497 225	50.708
2981	138547.933	50.708
2982	138598.642	43.092
2983	138641.733	50.483
2984	138692.217	47.392
2985	138739.608	50.042
2986	138789.650	49.858
2987	138839.508	49.658
2988	138889.167	42.733
2989	138931.900	44.017
2990	138975.917	49.708
2991	139025.625	49.175
2992	139074.800	50.200
2993	139125.000	49.200
2994	139174.200	43.933
2995	139218.133	39.342
2996	139257.475	50.175
2997	139307.650	49.150
2998	139356.800	48.383
2999	139405.183	50.142
3000	139455 325	48.467
3001	139503.792	46.825
3002	139550 617	40.850
3003	139591.467	50.667
3004	139642.133	50.800
3005	139692.933	50.142
3006	139743.075	50.408
3007	139793 483	47.175
3008	139840.658	50.533
3009	139891.192	51.183
3010	139942 375	49 575
3011	139991.950	50.592
3012	140042.542	50.183
3013	140092.725	49 367
3014	140142.092	49.058
3015	140191.150	50.575
3016	140241.725	49.208
3017	140290.933	49 317
3018	140340 250	49.200
3019	140389.450	51.517
3020	140440.967	50.667
3021	140491.633	48.708
3022	140540.342	50.433
3023	140590.775	48.050
3024	140638 825	49.967
3025	140688 792	48.925
3026	140737.717	50.700
3027	140788.417	51.008
3028	140839.425	50.408
3029	140889.833	41.867
3030	140931.700	31 075
3031	140962.775	42.283
3032	141005.058	51.300
3033	141056.358	42.508
3034	141098.867	49.833
3035	141148.700	46.425
3036	141195.125	36.408
3037	141231.533	42.583
3038	141274.117	49.808
3039	141323 925	51.075
3040	141375.000	49.783
3041	141424.783	49.892
3042	141474.675	49.583
3043	141524.258	44.050
3044	141568 308	41.375
3045	141609.683	49 367
3046	141659.050	50.850
3047	141709 900	50.158
3048	141760.058	50.833
3049	141810.892	48 775
3050	141859.667	50 500
3051	141910 167	50.783
3052	141960.950	49.283
3053	142010.233	49 033
3054	142059.267	48.675
3055	142107.942	51.117
3056	142159.058	50.200
3057	142209.258	48.583
3058	142257.842	50.392
3059	142308.233	46.367
3060	142354 600	50 833
3061	142405.433	50.825
3062	142456.258	51.683
3063	142507.942	50.783
3064	142558.725	49.942
3065	142608.667	50 242
3066	142658.908	38.200
3067	142697.108	35.283
3068	142732.392	39.050
3069	142771.442	38.208
3070	142809.650	45.783
3071	142855 433	50.158
3072	142905.592	50.825
3073	142956.417	48.875
3074	143005.292	48.333
3075	143053.625	50.142
3076	143103 767	50.325
3077	143154.092	47.875
3078	143201.967	50.800
3079	143252.767	48.317
3080	143301.083	50.942
3081	143352.025	49.825
3082	143401.850	47.683
3083	143449.533	50.317
3084	143499.850	50.417
3085	143550.267	50.833
3086	143601.100	50.367
3087	143651 467	50.483
3088	143701.950	49.883
3089	143751.833	50.108
3090	143801.942	50.467
3091	143852.408	50.442
3092	143902 850	45.817
3093	143948.667	34 917
3094	143983.583	11.092
3095	143994.675	50.967
3096	144045.642	51.283
3097	144096.925	51.300
3098	144148 225	49.700
3099	144197.925	48.200
3100	144246.125	44.450
3101	144290.575	50.367
3102	144340.942	49.817
3103	144390 758	50.642
3104	144441.400	49.142
3105	144490 542	50.883
3106	144541.425	49.733
3107	144591.158	51.050
3108	144642.208	48.658
3109	144690.867	44.658
3110	144735.525	46.225
3111	144781.750	48 833
3112	144830.583	50.225
3113	144880.808	49.458
3114	144930.267	40.708
3115	144970.975	43.425
3116	145014.400	50.792
3117	145065.192	49.733
3118	145114.925	50.258
3119	145165.183	50.267
3120	145215.450	49.442
3121	145264.892	50.342
3122	145315.233	41.858
3123	145357.092	50 883
3124	145407.975	51.800
3125	145459.775	47.708
3126	145507.483	49.742
3127	145557.225	50.692
3128	145607.917	51.300
3129	145659.217	50.450
3130	145709 667	40 142
3131	145749.808	51.400
3132	145801.208	51.133

Weld	Distance (ft.)	Joint Length (ft.)
3133	145852.342	50.025
3134	145902.367	50.392
3135	145952.758	50.883
3136	146003.642	48.875
3137	146052.517	48.700
3138	146101.217	51.200
3139	146152 417	51.275
3140	146203 692	51.475
3141	146255.167	51.075
3142	146306.242	50.092
3143	146356.333	49.333
3144	146405.667	48.358
3145	146454.025	51.175
3146	146505.200	50.750
3147	146555 950	45.575
3148	146601.525	51.325
3149	146652.850	50.917
3150	146703.767	51.000
3151	146754.767	45.025
3152	146799 792	43.875
3153	146843.667	50.250
3154	146893.917	49.717
3155	146943.633	48.275
3156	146991.908	50.700
3157	147042.608	50 433
3158	147093.042	49 933
3159	147142.975	51.008
3160	147193.983	50.550
3161	147244.533	50.533
3162	147295.067	50.525
3163	147345 592	50.758
3164	147396.350	47.525
3165	147443.875	50.108
3166	147493.983	50.533
3167	147544 517	46.542
3168	147591 058	51.183
3169	147642.242	48.908
3170	147691.150	49.825
3171	147740.975	48.258
3172	147789.233	50 200
3173	147839.433	48.092
3174	147887.525	50.858
3175	147938.383	50.658
3176	147989 042	49.708
3177	148038.750	50.592
3178	148089.342	38.850
3179	148128.192	47.608
3180	148175.800	47.958
3181	148223.758	43.275
3182	148267.033	38 542
3183	148305.575	47.317
3184	148352.892	51.025
3185	148403.917	49 183
3186	148453.100	48 917
3187	148502.017	51.117
3188	148553.133	50.983
3189	148604.117	43 125
3190	148647.242	50.100

Weld	Distance (ft.)	Joint Length (ft.)
3191	148697.342	48.142
3192	148745.483	49.342
3193	148794.825	49.250
3194	148844.075	50.725
3195	148894.800	50.508
3196	148945.308	44.725
3197	148990.033	51.125
3198	149041.158	49 567
3199	149090.725	48 783
3200	149139.508	50.325
3201	149189.833	44.125
3202	149233.958	49.483
3203	149283.442	50.525
3204	149333.967	51.158
3205	149385.125	49.300
3206	149434.425	49.517
3207	149483.942	49.142
3208	149533.083	50.192
3209	149583 275	48.750
3210	149632.025	50.658
3211	149682.683	47.067
3212	149729.750	48.675
3213	149778.425	51.717
3214	149830.142	48.600
3215	149878.742	49 233
3216	149927.975	49 375
3217	149977.350	49.858
3218	150027.208	49.767
3219	150076.975	50.475
3220	150127.450	46 342
3221	150173.792	50.133
3222	150223.925	50.158
3223	150274.083	50.042
3224	150324.125	50.758
3225	150374.883	50.383
3226	150425.267	50.358
3227	150475.625	50.425
3228	150526.050	48.950
3229	150575.000	48.442
3230	150623.442	41.950
3231	150665.392	51.208
3232	150716.600	51.433
3233	150768.033	50.283
3234	150818.317	49.067
3235	150867.383	50.442
3236	150917.825	36.617
3237	150954.442	50.833
3238	151005.275	49.708
3239	151054.983	48.683
3240	151103.667	50.358
3241	151154.025	40.742
3242	151194 767	49.167
3243	151243.933	48.117
3244	151292.050	50.267
3245	151342.317	39.417
3246	151381.733	41.433
3247	151423.167	50.292
3248	151473.458	50.108

Weld	Distance (ft.)	Joint Length (ft.)
3249	151523.567	48.675
3250	151572.242	50.083
3251	151622.325	49.825
3252	151672.150	50.733
3253	151722.883	50.692
3254	151773.575	49.883
3255	151823.458	44.650
3256	151868.108	44.950
3257	151913.058	51.342
3258	151964.400	48.900
3259	152013.300	50.983
3260	152064.283	50.767
3261	152115.050	46 550
3262	152161.600	37.450
3263	152199.050	39.258
3264	152238 308	34.708
3265	152273.017	48.967
3266	152321.983	48.600
3267	152370.583	50.267
3268	152420.850	50.233
3269	152471.083	50.375
3270	152521.458	42.358
3271	152563.817	35.675
3272	152599.492	42.433
3273	152641.925	49.150
3274	152691.075	49.500
3275	152740.575	50.900
3276	152791.475	44 083
3277	152835.558	51.100
3278	152886.658	32.758
3279	152919.417	46.225
3280	152965.642	48.225
3281	153013.867	47.358
3282	153061.225	51.483
3283	153112.708	50.242
3284	153162.950	47.275
3285	153210.225	50.908
3286	153261.133	50.350
3287	153311.483	50.833
3288	153362.317	50.575
3289	153412.892	51.617
3290	153464.508	47.733
3291	153512.242	51.433
3292	153563.675	30.417
3293	153594.092	42.383
3294	153636.475	41.958
3295	153678.433	51.042
3296	153729.475	46 025
3297	153775.500	49.733
3298	153825.233	51.817
3299	153877.050	51.208
3300	153928.258	50.492
3301	153978.750	51 233
3302	154029.983	50.292
3303	154080 275	49.025
3304	154129.300	50 333
3305	154179.633	51 258
3306	154230.892	35.867

Weld	Distance (ft.)	Joint Length (ft.)
3307	154266.758	47.433
3308	154314.192	49.158
3309	154363.350	51.208
3310	154414.558	17.483
3311	154432 042	51.125
3312	154483.167	51.542
3313	154534.708	51.200
3314	154585.908	38.292
3315	154624.200	49.408
3316	154673.608	49.017
3317	154722.625	47.933
3318	154770 558	51.200
3319	154821.758	46.200
3320	154867 958	48.150
3321	154916.108	50.208
3322	154966.317	51.367
3323	155017.683	49.058
3324	155066.742	52.108
3325	155118.850	47.958
3326	155166.808	51 317
3327	155218.125	50.175
3328	155268.300	49.992
3329	155318.292	49.492
3330	155367.783	43.142
3331	155410.925	43 925
3332	155454.850	50.983
3333	155505.833	50 742
3334	155556.575	50.742
3335	155607.317	47.692
3336	155655.008	50.517
3337	155705 525	45 067
3338	155750.592	45.825
3339	155796.417	46.883
3340	155843.300	51.217
3341	155894 517	48.825
3342	155943 342	50 025
3343	155993.367	48.942
3344	156042.308	49.150
3345	156091.458	50.292
3346	156141.750	50.133
3347	156191.883	50.125
3348	156242.008	36.317
3349	156278.325	51.142
3350	156329.467	48.300
3351	156377.767	50.383
3352	156428.150	49.850
3353	156478.000	47.750
3354	156525.750	49.100
3355	156574 850	36.725
3356	156611.575	50.808
3357	156662.383	48.992
3358	156711.375	44.592
3359	156755 967	46.292
3360	156802.258	50 683
3361	156852.942	49 208
3362	156902.150	34.383
3363	156936.533	51.133
3364	156987.667	50.825

Weld	Distance (ft.)	Joint Length (ft.)
3365	157038.492	49.558
3366	157088.050	49.000
3367	157137.050	50.608
3368	157187 658	50.367
3369	157238.025	50 675
3370	157288.700	49.433
3371	157338.133	49.767
3372	157387.900	49.783
3373	157437.683	48.375
3374	157486.058	49.817
3375	157535.875	50.025
3376	157585.900	50.325
3377	157636 225	48.967
3378	157685.192	48.700
3379	157733.892	49.675
3380	157783.567	50.450
3381	157834.017	38.508
3382	157872.525	48.358
3383	157920.883	41.483
3384	157962.367	37.433
3385	157999.800	49.692
3386	158049.492	49 367
3387	158098.858	49.325
3388	158148.183	50.350
3389	158198 533	50.633
3390	158249.167	34.600
3391	158283.767	50 542
3392	158334.308	48.058
3393	158382.367	50.258
3394	158432.625	50.875
3395	158483 500	49.942
3396	158533.442	49.200
3397	158582.642	51.258
3398	158633.900	33.825
3399	158667.725	50.975
3400	158718.700	49.883
3401	158768.583	50 350
3402	158818.933	50 692
3403	158869.625	50.900
3404	158920.525	49.633
3405	158970.158	51.517
3406	159021.675	41 417
3407	159063 092	43.400
3408	159106.492	35.667
3409	159142.158	51.250
3410	159193.408	50 100
3411	159243.508	51.333
3412	159294.842	51.308
3413	159346.150	50.150
3414	159396.300	47.558
3415	159443.858	50.775
3416	159494.633	47.950
3417	159542.583	51.725
3418	159594.308	50.008
3419	159644.317	49.442
3420	159693 758	51.608
3421	159745.367	51.542
3422	159796.908	49.850

Weld	Distance (ft.)	Joint Length (ft.)
3423	159846.758	50.733
3424	159897.492	47.483
3425	159944.975	50.883
3426	159995.858	50.275
3427	160046.133	49.775
3428	160095.908	48.108
3429	160144.017	38.325
3430	160182.342	49.275
3431	160231.617	50 567
3432	160282.183	51.733
3433	160333.917	51.133
3434	160385.050	49.917
3435	160434.967	49.783
3436	160484.750	45.600
3437	160530.350	51.283
3438	160581.633	51.533
3439	160633.167	50.983
3440	160684.150	49 450
3441	160733.600	48.783
3442	160782 383	47.108
3443	160829 492	39.142
3444	160868.633	42.033
3445	160910.667	50.742
3446	160961.408	47.675
3447	161009.083	50.258
3448	161059.342	48.083
3449	161107.425	49.108
3450	161156 533	45.917
3451	161202.450	49.342
3452	161251.792	50.217
3453	161302.008	51 025
3454	161353 033	50.825
3455	161403.858	36.083
3456	161439.942	44.900
3457	161484.842	43.058
3458	161527.900	43.308
3459	161571.208	41.683
3460	161612.892	40.267
3461	161653.158	50.808
3462	161703.967	49.533
3463	161753.500	45 650
3464	161799.150	50.300
3465	161849.450	50.200
3466	161899.650	50.925
3467	161950.575	50 625
3468	162001 200	50.425
3469	162051.625	50.133
3470	162101.758	50.383
3471	162152.142	46.742
3472	162198.883	41.867
3473	162240.750	44.342
3474	162285.092	51.200
3475	162336.292	50.383
3476	162386.675	48.450
3477	162435.125	48.342
3478	162483.467	49.933
3479	162533 400	45.783
3480	162579.183	50.892

Weld	Distance (ft.)	Joint Length (ft.)
3481	162630.075	50 400
3482	162680.475	51.492
3483	162731.967	48 783
3484	162780.750	11.367
3485	162792.117	8.825
3486	162800.942	2.075
3487	162803.017	8.950
3488	162811.967	4.608
3489	162816.575	1.417
3490	162817.992	5.450
3491	162823.442	1.708
3492	162825.150	4.408
3493	162829.558	8.642
3494	162838.200	1.925
3495	162840.125	8 708
3496	162848 833	3.233
3497	162852.067	9.550
3498	162861.617	45 467
3499	162907.083	19.867
3500	162926.950	49.567
3501	162976.517	29.517
3502	163006.033	45.175
3503	163051.208	45.883
3504	163097.092	49.908
3505	163147.000	48.700
3506	163195.700	48 650
3507	163244 350	47.458
3508	163291 808	46.325
3509	163338.133	14.967
3510	163353.100	42.858
3511	163395.958	50.533
3512	163446.492	49.000
3513	163495.492	44.525
3514	163540.017	48 233
3515	163588 250	31.308
3516	163619.558	47.675
3517	163667.233	49.242
3518	163716.475	49.750
3519	163766.225	47.975
3520	163814.200	41.217
3521	163855.417	44.858
3522	163900.275	49.333
3523	163949 608	48.517
3524	163998.125	44.575
3525	164042.700	39.117
3526	164081.817	31.383
3527	164113.200	17.400
3528	164130.600	46.833
3529	164177.433	48.308
3530	164225 742	52.767
3531	164278 508	24.508
3532	164303.017	49.108
3533	164352.125	45.208
3534	164397.333	48.358
3535	164445.692	50.008
3536	164495 700	44.825
3537	164540 525	47.908
3538	164588.433	49.200

Weld	Distance (ft.)	Joint Length (ft.)
3539	164637.633	20.100
3540	164657.733	43.992
3541	164701.725	45.158
3542	164746.883	48.100
3543	164794.983	50.225
3544	164845 208	45.142
3545	164890.350	47 725
3546	164938.075	48 092
3547	164986.167	49.333
3548	165035.500	50.308
3549	165085.808	48.267
3550	165134.075	48.708
3551	165182.783	44.783
3552	165227.567	43.917
3553	165271.483	49.492
3554	165320 975	48.550
3555	165369.525	44.483
3556	165414.008	47.500
3557	165461.508	47.500
3558	165509.008	47.233
3559	165556.242	9.842
3560	165566.083	39.475
3561	165605.558	47.708
3562	165653.267	44.783
3563	165698.050	48.900
3564	165746.950	50.075
3565	165797.025	46.842
3566	165843.867	48.492
3567	165892.358	48.750
3568	165941.108	49.317
3569	165990.425	48.917
3570	166039.342	49.217
3571	166088.558	45.250
3572	166133.808	45.892
3573	166179 700	49.867
3574	166229.567	31.625
3575	166261.192	48.058
3576	166309.250	45.308
3577	166354.558	46.183
3578	166400.742	49.525
3579	166450.267	44.908
3580	166495.175	34.033
3581	166529 208	45.233
3582	166574.442	49 492
3583	166623.933	48.400
3584	166672.333	45.967
3585	166718.300	49.467
3586	166767.767	44.842
3587	166812 608	43.683
3588	166856 292	45.283
3589	166901.575	25.783
3590	166927.358	49.208
3591	166976.567	28.775
3592	167005.342	48.750
3593	167054.092	45.233
3594	167099 325	44.258
3595	167143.583	48.592
3596	167192.175	43.392

Weld	Distance (ft.)	Joint Length (ft.)
3597	167235.567	43.550
3598	167279.117	50.775
3599	167329.892	45.508
3600	167375.400	47.958
3601	167423.358	44.717
3602	167468.075	48.908
3603	167516.983	51.600
3604	167568.583	49.408
3605	167617.992	49.342
3606	167667.333	48.833
3607	167716.167	44.442
3608	167760.608	49.775
3609	167810.383	47.425
3610	167857.808	46.633
3611	167904.442	42.408
3612	167946.850	47.842
3613	167994.692	50.917
3614	168045.608	48.792
3615	168094 400	50 233
3616	168144.633	37 417
3617	168182.050	48.150
3618	168230.200	50.625
3619	168280.825	44.592
3620	168325.417	46.350
3621	168371.767	44.408
3622	168416.175	26.408
3623	168442.583	45.400
3624	168487.983	45.075
3625	168533.058	47.117
3626	168580.175	34.150
3627	168614.325	47.142
3628	168661.467	50.200
3629	168711.667	46.217
3630	168757.883	51.075
3631	168808.958	46.850
3632	168855.808	45.067
3633	168900.875	44.558
3634	168945.433	48.158
3635	168993.592	48.200
3636	169041.792	46.442
3637	169088.233	45.983
3638	169134.217	47.667
3639	169181.883	48.817
3640	169230.700	37.325
3641	169268.025	43.208
3642	169311.233	48.767
3643	169360.000	43.333
3644	169403.333	43.667
3645	169447.000	49.758
3646	169496.758	52.808
3647	169549.567	45.742
3648	169595.308	43.275
3649	169638.583	49.675
3650	169688.258	46.908
3651	169735.167	31.608
3652	169766.775	40.017
3653	169806.792	46.750
3654	169853.542	49 458

Weld	Distance (ft.)	Joint Length (ft.)
3655	169903.000	46.825
3656	169949.825	42.367
3657	169992.192	46.142
3658	170038.333	43.075
3659	170081 408	41.967
3660	170123.375	5 975
3661	170129.350	46 583
3662	170175.933	44 675
3663	170220.608	47.233
3664	170267.842	44.533
3665	170312.375	42.867
3666	170355 242	46.450
3667	170401.692	46.375
3668	170448.067	43.942
3669	170492.008	45.375
3670	170537.383	49.175
3671	170586.558	43 142
3672	170629.700	45.408
3673	170675.108	51.058
3674	170726.167	46.550
3675	170772.717	46.500
3676	170819.217	45.875
3677	170865.092	29.983
3678	170895.075	46.092
3679	170941.167	47.600
3680	170988.767	45.200
3681	171033.967	46.967
3682	171080.933	43.467
3683	171124.400	48.917
3684	171173.317	45.967
3685	171219.283	42.808
3686	171262.092	45.542
3687	171307.633	49.708
3688	171357.342	44.600
3689	171401 942	47.650
3690	171449.592	48 883
3691	171498.475	45 167
3692	171543.642	46.942
3693	171590.583	50.317
3694	171640.900	47.758
3695	171688.658	50.542
3696	171739.200	48.358
3697	171787.558	48.175
3698	171835 733	49.025
3699	171884.758	48.767
3700	171933.525	49.867
3701	171983.392	39.550
3702	172022 942	48.283
3703	172071.225	2.000
3704	172073.225	40.375
3705	172113.600	27.175
3706	172140.775	39.808
3707	172180.583	42.100
3708	172222.683	33.258
3709	172255.942	41.967
3710	172297.908	35.142
3711	172333.050	8.442
3712	172341.492	37.383

Weld	Distance (ft.)	Joint Length (ft.)
3713	172378.875	1.992
3714	172380 867	49.267
3715	172430.133	48.725
3716	172478.858	5.433
3717	172484.292	45.950
3718	172530.242	46.442
3719	172576.683	46.917
3720	172623.600	32.375
3721	172655 975	46.608
3722	172702.583	43.000
3723	172745.583	32.325
3724	172777.908	48 967
3725	172826.875	46.625
3726	172873.500	45.275
3727	172918.775	47.983
3728	172966.758	50.300
3729	173017.058	47.117
3730	173064.175	39 933
3731	173104.108	47.825
3732	173151.933	50.183
3733	173202.117	45.658
3734	173247.775	46.475
3735	173294.250	46.200
3736	173340.450	51 333
3737	173391.783	46.650
3738	173438.433	47.567
3739	173486.000	49.108
3740	173535 108	49.800
3741	173584.908	49 108
3742	173634.017	51.942
3743	173685.958	47.600
3744	173733.558	48.708
3745	173782 267	50.400
3746	173832.667	48.542
3747	173881.208	45 400
3748	173926.608	48.433
3749	173975.042	45.142
3750	174020.183	39.275
3751	174059 458	48.225
3752	174107.683	48.742
3753	174156.425	50.117
3754	174206.542	48.483
3755	174255 025	49.017
3756	174304.042	46 250
3757	174350.292	49.125
3758	174399.417	29.933
3759	174429 350	45.467
3760	174474.817	46.942
3761	174521.758	48.225
3762	174569.983	43.150
3763	174613 133	47.483
3764	174660.617	50.383
3765	174711.000	45.958
3766	174756.958	46 300
3767	174803.258	37.017
3768	174840.275	36.750
3769	174877.025	47.108
3770	174924.133	48 967

Weld	Distance (ft.)	Joint Length (ft.)
3771	174973.100	45.733
3772	175018.833	47.583
3773	175066.417	44.117
3774	175110.533	46.308
3775	175156.842	44.383
3776	175201.225	42.775
3777	175244.000	43.383
3778	175287.383	44.358
3779	175331.742	43.608
3780	175375.350	43.867
3781	175419.217	46.617
3782	175465.833	44.158
3783	175509.992	44.242
3784	175554.233	44.567
3785	175598.800	45.292
3786	175644.092	45.483
3787	175689.575	44.892
3788	175734.467	45.333
3789	175779.800	45.550
3790	175825.350	44.933
3791	175870.283	42.767
3792	175913.050	46.800
3793	175959.850	44.525
3794	176004.375	45.900
3795	176050.275	46.867
3796	176097 142	46.317
3797	176143.458	43.325
3798	176186.783	46.833
3799	176233.617	41.708
3800	176275.325	44.525
3801	176319.850	18.142
3802	176337.992	1 983
3803	176339.975	39.392
3804	176379.367	40.583
3805	176419.950	44.225
3806	176464.175	41.025
3807	176505 200	43.383
3808	176548.583	43 117
3809	176591.700	43.783
3810	176635.483	43.100
3811	176678.583	21.125
3812	176699.708	43 433
3813	176743 142	1.975
3814	176745.117	46.967
3815	176792.083	44.092
3816	176836.175	43.883
3817	176880 058	44.450
3818	176924.508	45.583
3819	176970.092	45.308
3820	177015.400	42.683
3821	177058 083	46.033
3822	177104.117	43.550
3823	177147.667	37.333
3824	177185.000	44.467
3825	177229.467	43.642
3826	177273.108	44.325
3827	177317.433	44 917
3828	177362.350	45.275

Weld	Distance (ft.)	Joint Length (ft.)
3829	177407.625	43.858
3830	177451.483	38.350
3831	177489.833	44.008
3832	177533.842	46.908
3833	177580.750	45.867
3834	177626.617	45.692
3835	177672.308	46.150
3836	177718 458	46.192
3837	177764.650	45.642
3838	177810 292	45.267
3839	177855.558	47.375
3840	177902.933	46.933
3841	177949.867	45.350
3842	177995.217	45.625
3843	178040.842	45.283
3844	178086.125	44.517
3845	178130 642	43.042
3846	178173.683	45.117
3847	178218.800	46.058
3848	178264.858	45.775
3849	178310.633	46.158
3850	178356.792	46.242
3851	178403.033	47.583
3852	178450.617	45.883
3853	178496.500	44.700
3854	178541 200	44 108
3855	178585 308	36.642
3856	178621 950	45.717
3857	178667.667	45.483
3858	178713.150	44.625
3859	178757.775	46.733
3860	178804.508	46.442
3861	178850.950	43.067
3862	178894.017	44.517
3863	178938 533	45 067
3864	178983.600	45.092
3865	179028.692	45.583
3866	179074.275	46.250
3867	179120.525	45.200
3868	179165.725	46 925
3869	179212.650	46.258
3870	179258 908	46.175
3871	179305.083	44.508
3872	179349.592	37.025
3873	179386.617	46.450
3874	179433.067	42.592
3875	179475.658	45.050
3876	179520 708	48.542
3877	179569.250	42.658
3878	179611.908	45.325
3879	179657.233	45.317
3880	179702.550	43 642
3881	179746.192	49.333
3882	179795.525	44 658
3883	179840.183	45.633
3884	179885.817	48.008
3885	179933.825	49.375
3886	179983 200	44.442

Weld	Distance (ft.)	Joint Length (ft.)
3887	180027.642	47.592
3888	180075.233	47.167
3889	180122.400	49.958
3890	180172.358	44.542
3891	180216.900	46.750
3892	180263.650	49.700
3893	180313.350	46.892
3894	180360.242	45.050
3895	180405.292	44.600
3896	180449.892	45.592
3897	180495.483	49.508
3898	180544 992	48.083
3899	180593.075	45.225
3900	180638.300	44.633
3901	180682.933	43 050
3902	180725.983	44.700
3903	180770.683	37.792
3904	180808.475	47.025
3905	180855.500	50.342
3906	180905 842	44.492
3907	180950 333	45.858
3908	180996 192	49.842
3909	181046.033	18.242
3910	181064.275	1.992
3911	181066.267	43 692
3912	181109.958	41.967
3913	181151.925	41.225
3914	181193.150	42.517
3915	181235.667	41.833
3916	181277.500	42.108
3917	181319.608	41.367
3918	181360.975	43 183
3919	181404.158	44.075
3920	181448.233	34.917
3921	181483.150	41.067
3922	181524.217	43.108
3923	181567.325	1.967
3924	181569.292	26.333
3925	181595.625	19.925
3926	181615.550	49.792
3927	181665.342	46.358
3928	181711.700	45.217
3929	181756.917	43.300
3930	181800 217	47.942
3931	181848.158	45.233
3932	181893.392	44.667
3933	181938.058	48.950
3934	181987.008	46.283
3935	182033.292	45.700
3936	182078.992	49.908
3937	182128.900	48.758
3938	182177.658	48.567
3939	182226.225	45.642
3940	182271.867	47.125
3941	182318.992	41.725
3942	182360.717	43.892
3943	182404.608	41.650
3944	182446.258	46.700

Weld	Distance (ft.)	Joint Length (ft.)
3945	182492.958	46 258
3946	182539.217	46.783
3947	182586.000	46.108
3948	182632.108	45.517
3949	182677.625	46.267
3950	182723.892	47.192
3951	182771.083	43.050
3952	182814.133	47.558
3953	182861.692	43.692
3954	182905.383	46.783
3955	182952.167	45 675
3956	182997.842	44.075
3957	183041.917	46.967
3958	183088.883	42.867
3959	183131.750	49.258
3960	183181.008	44.308
3961	183225.317	44.425
3962	183269.742	45.042
3963	183314.783	46.117
3964	183360.900	40.367
3965	183401.267	48.992
3966	183450.258	44.842
3967	183495.100	44.683
3968	183539.783	44.592
3969	183584.375	24.992
3970	183609.367	45.208
3971	183654.575	45.675
3972	183700.250	49 325
3973	183749.575	20.125
3974	183769.700	46.333
3975	183816.033	49.467
3976	183865.500	45.167
3977	183910.667	46.017
3978	183956.683	44.625
3979	184001.308	45.467
3980	184046.775	51 133
3981	184097.908	45.592
3982	184143.500	50.058
3983	184193.558	45.125
3984	184238.683	40.642
3985	184279.325	46.842
3986	184326.167	44.625
3987	184370.792	44.633
3988	184415.425	44.908
3989	184460.333	46.233
3990	184506.567	44.608
3991	184551.175	47.750
3992	184598.925	42 933
3993	184641.858	44.908
3994	184686.767	46.583
3995	184733 350	45.425
3996	184778.775	44.267
3997	184823.042	45.367
3998	184868.408	45.758
3999	184914.167	44.958
4000	184959.125	48.275
4001	185007.400	45.367
4002	185052.767	45.483

Weld	Distance (ft.)	Joint Length (ft.)
4003	185098.250	30.483
4004	185128.733	13.225
4005	185141.958	16.125
4006	185158.083	46.933
4007	185205.017	48.450
4008	185253.467	45.625
4009	185299.092	37.433
4010	185336.525	46.558
4011	185383.083	44.017
4012	185427.100	22.325
4013	185449.425	46.450
4014	185495.875	43.517
4015	185539.392	45.233
4016	185584 625	38 175
4017	185622 800	46.158
4018	185668.958	45.925
4019	185714.883	43.342
4020	185758.225	48.750
4021	185806 975	45.283
4022	185852 258	45 067
4023	185897.325	45.517
4024	185942.842	42.075
4025	185984.917	45.642
4026	186030.558	46.400
4027	186076.958	51.592
4028	186128.550	44.283
4029	186172.833	44.875
4030	186217.708	45.750
4031	186263.458	45.875
4032	186309 333	47 358
4033	186356.692	48 617
4034	186405.308	49.933
4035	186455.242	46.383
4036	186501.625	45.342
4037	186546.967	47 092
4038	186594.058	44.675
4039	186638.733	49.450
4040	186688 183	48 383
4041	186736.567	45.800
4042	186782.367	34.317
4043	186816.683	46.192
4044	186862 875	31 767
4045	186894 642	48 700
4046	186943.342	46.067
4047	186989.408	28.708
4048	187018.117	45.450
4049	187063.567	46.542
4050	187110.108	17.417
4051	187127 525	43.000
4052	187170 525	48 842
4053	187219.367	46.175
4054	187265.542	45.408
4055	187310.950	45.583
4056	187356.533	45.033
4057	187401.567	48.408
4058	187449.975	36.150
4059	187486 125	45.058
4060	187531.183	40.367

Weld	Distance (ft.)	Joint Length (ft.)
4061	187571.550	47.192
4062	187618.742	35.883
4063	187654.625	49.217
4064	187703.842	46.442
4065	187750.283	46.658
4066	187796.942	36.450
4067	187833.392	43.300
4068	187876.692	41.508
4069	187918.200	45.575
4070	187963.775	44.283
4071	188008.058	49.192
4072	188057.250	44.717
4073	188101.967	47.250
4074	188149.217	51.858
4075	188201.075	49.467
4076	188250.542	51.333
4077	188301.875	43.883
4078	188345.758	46 500
4079	188392.258	44 417
4080	188436.675	51 008
4081	188487.683	46.067
4082	188533.750	46.758
4083	188580.508	44.942
4084	188625.450	51.275
4085	188676.725	45.267
4086	188721.992	49.042
4087	188771 033	49.725
4088	188820 758	51.983
4089	188872 742	41.475
4090	188914.217	44.775
4091	188958.992	49.700
4092	189008.692	46.267
4093	189054.958	49.325
4094	189104 283	27 683
4095	189131.967	51.700
4096	189183.667	45.158
4097	189228.825	46.742
4098	189275 567	41.358
4099	189316.925	48 533
4100	189365 458	47.267
4101	189412 725	43.375
4102	189456 100	48.883
4103	189504.983	45.958
4104	189550.942	48.783
4105	189599.725	44.400
4106	189644 125	48.000
4107	189692.125	46.300
4108	189738.425	49.692
4109	189788.117	48.033
4110	189836 150	49.808
4111	189885.958	34.208
4112	189920.167	49.392
4113	189969.558	49.667
4114	190019.225	45.600
4115	190064.825	49.342
4116	190114.167	45.983
4117	190160.150	48 633
4118	190208.783	36.475

Weld	Distance (ft.)	Joint Length (ft.)
4119	190245.258	45.208
4120	190290.467	47.908
4121	190338.375	49.058
4122	190387.433	46.533
4123	190433.967	51.908
4124	190485.875	49.425
4125	190535.300	48.092
4126	190583.392	48.767
4127	190632.158	48.633
4128	190680.792	48.758
4129	190729.550	51.575
4130	190781.125	37.358
4131	190818.483	38.225
4132	190856 708	5.475
4133	190862.183	4.975
4134	190867.158	29.725
4135	190896.883	44 958
4136	190941.842	12.983
4137	190954.825	10.133
4138	190964.958	46.892
4139	191011.850	35.567
4140	191047.417	46 608
4141	191094.025	49.175
4142	191143.200	49.375
4143	191192 575	49.692
4144	191242.267	44.725
4145	191286.992	45.850
4146	191332.842	47 417
4147	191380.258	41.675
4148	191421.933	50.350
4149	191472.283	50.275
4150	191522.558	49.008
4151	191571.567	28.083
4152	191599.650	47.642
4153	191647 292	48.917
4154	191696.208	16.125
4155	191712.333	48.925
4156	191761.258	48 050
4157	191809.308	49.708
4158	191859.017	45.142
4159	191904.158	44.783
4160	191948.942	50 775
4161	191999.717	48.725
4162	192048.442	48.775
4163	192097 217	49.308
4164	192146.525	50.025
4165	192196.550	50.650
4166	192247.200	51.875
4167	192299.075	46.642
4168	192345.717	49.000
4169	192394.717	49.375
4170	192444.092	48.008
4171	192492.100	52.000
4172	192544.100	47.767
4173	192591.867	44 625
4174	192636.492	48 958
4175	192685.450	48.317
4176	192733 767	46.250

Weld	Distance (ft.)	Joint Length (ft.)
4177	192780.017	49 850
4178	192829.867	45.792
4179	192875.658	44.942
4180	192920.600	51.575
4181	192972.175	39.833
4182	193012.008	46.367
4183	193058.375	33.083
4184	193091.458	45.808
4185	193137 267	45.567
4186	193182.833	43.608
4187	193226.442	44.358
4188	193270.800	46.158
4189	193316.958	37.867
4190	193354.825	49.242
4191	193404.067	43.450
4192	193447.517	43.292
4193	193490.808	10.758
4194	193501.567	41.117
4195	193542 683	46.325
4196	193589 008	46.208
4197	193635.217	42.117
4198	193677.333	45.933
4199	193723.267	45.292
4200	193768.558	46.533
4201	193815.092	49.033
4202	193864.125	46 133
4203	193910.258	46 533
4204	193956.792	44.700
4205	194001.492	11.842
4206	194013 333	44.700
4207	194058.033	46.883
4208	194104.917	46.392
4209	194151.308	43.942
4210	194195.250	44.342
4211	194239.592	46 817
4212	194286.408	24.883
4213	194311 292	46.342
4214	194357 633	49.058
4215	194406.692	44.667
4216	194451.358	45.850
4217	194497.208	46.300
4218	194543.508	46.525
4219	194590.033	44.292
4220	194634.325	45.400
4221	194679.725	45.183
4222	194724.908	42.408
4223	194767 317	43.867
4224	194811.183	47.133
4225	194858.317	43 375
4226	194901.692	36.725
4227	194938.417	45.467
4228	194983.883	46.258
4229	195030.142	44.558
4230	195074.700	47.633
4231	195122.333	49.267
4232	195171.600	48.267
4233	195219.867	44.025
4234	195263 892	44.542

Weld	Distance (ft.)	Joint Length (ft.)
4235	195308 433	50.158
4236	195358.592	32.308
4237	195390.900	45.442
4238	195436.342	46.383
4239	195482.725	45 458
4240	195528.183	49.100
4241	195577.283	37.158
4242	195614.442	34.483
4243	195648.925	46.025
4244	195694.950	45.950
4245	195740.900	9.200
4246	195750.100	44.708
4247	195794.808	44.900
4248	195839.708	45.400
4249	195885.108	36.517
4250	195921.625	46.817
4251	195968.442	46.000
4252	196014 442	45.517
4253	196059.958	46.217
4254	196106.175	50.917
4255	196157.092	46.225
4256	196203.317	44.892
4257	196248.208	46.767
4258	196294.975	46.883
4259	196341.858	46.000
4260	196387.858	45.125
4261	196432.983	50.975
4262	196483 958	47.342
4263	196531 300	45.483
4264	196576.783	47.908
4265	196624.692	40.950
4266	196665.642	43.842
4267	196709.483	45.333
4268	196754.817	45.775
4269	196800.592	46 450
4270	196847.042	32 842
4271	196879.883	44.925
4272	196924.808	14.433
4273	196939.242	45.667
4274	196984.908	48.467
4275	197033.375	49.792
4276	197083 167	46.967
4277	197130.133	50 758
4278	197180.892	34.850
4279	197215.742	45.917
4280	197261.658	43.642
4281	197305.300	44.917
4282	197350.217	47.667
4283	197397.883	45.842
4284	197443.725	46 767
4285	197490.492	44.967
4286	197535.458	46.275
4287	197581.733	47.100
4288	197628.833	47.250
4289	197676 083	47.708
4290	197723.792	44.533
4291	197768.325	48.125
4292	197816.450	47.492

Weld	Distance (ft.)	Joint Length (ft.)
4293	197863.942	45.742
4294	197909.683	44.183
4295	197953.867	38.042
4296	197991.908	49.533
4297	198041.442	46.125
4298	198087.567	11.475
4299	198099.042	43.375
4300	198142.417	46.750
4301	198189.167	7.433
4302	198196.600	45.158
4303	198241.758	46.092
4304	198287.850	46.100
4305	198333.950	48.858
4306	198382.808	45.383
4307	198428.192	45.675
4308	198473.867	45 608
4309	198519.475	46.692
4310	198566.167	45.700
4311	198611.867	45.758
4312	198657.625	45.475
4313	198703.100	45.200
4314	198748.300	41.692
4315	198789 992	45.075
4316	198835 067	45.650
4317	198880 717	47.417
4318	198928.133	45.342
4319	198973.475	43.883
4320	199017.358	45.125
4321	199062.483	45.117
4322	199107.600	45.792
4323	199153.392	38.133
4324	199191.525	49.783
4325	199241.308	45.158
4326	199286 467	45 792
4327	199332.258	42.158
4328	199374.417	44.958
4329	199419.375	38.575
4330	199457.950	48.442
4331	199506.392	43.875
4332	199550.267	44.183
4333	199594.450	50.275
4334	199644.725	45.075
4335	199689.800	44.925
4336	199734.725	47.725
4337	199782.450	43.758
4338	199826.208	46.617
4339	199872 825	49.917
4340	199922.742	43 542
4341	199966.283	45.067
4342	200011.350	46.242
4343	200057.592	45.200
4344	200102.792	45.267
4345	200148.058	48.542
4346	200196 600	44.417
4347	200241.017	44.983
4348	200286.000	47.742
4349	200333.742	48.758
4350	200382.500	45.917

Weld	Distance (ft.)	Joint Length (ft.)
4351	200428.417	40.700
4352	200469.117	48.375
4353	200517.492	50.225
4354	200567.717	45.375
4355	200613.092	44 675
4356	200657.767	9.433
4357	200667.200	44.317
4358	200711.517	42.542
4359	200754.058	44.625
4360	200798.683	45.275
4361	200843.958	43.842
4362	200887.800	43.967
4363	200931.767	43.867
4364	200975.633	46.133
4365	201021.767	46 458
4366	201068.225	44.717
4367	201112.942	33.250
4368	201146.192	47.433
4369	201193 625	45.567
4370	201239 192	46.042
4371	201285.233	45.533
4372	201330.767	46 625
4373	201377.392	50.733
4374	201428.125	49.292
4375	201477.417	44.525
4376	201521.942	47.417
4377	201569.358	47.300
4378	201616.658	47.083
4379	201663.742	45.558
4380	201709.300	46.742
4381	201756 042	47.600
4382	201803.642	48.833
4383	201852.475	24.483
4384	201876.958	42.592
4385	201919.550	48.858
4386	201968 408	40.983
4387	202009.392	8.567
4388	202017.958	45.258
4389	202063.217	45.367
4390	202108.583	47.833
4391	202156.417	44.583
4392	202201.000	49.092
4393	202250.092	43.208
4394	202293 300	49.225
4395	202342.525	47.325
4396	202389.850	33 117
4397	202422.967	47.308
4398	202470.275	44.375
4399	202514 650	46.642
4400	202561.292	46.758
4401	202608.050	49 425
4402	202657.475	49.600
4403	202707 075	45.767
4404	202752.842	47.508
4405	202800.350	43.950
4406	202844.300	49 175
4407	202893.475	20.708
4408	202914.183	47.925

Weld	Distance (ft.)	Joint Length (ft.)
4409	202962.108	43.975
4410	203006 083	48.017
4411	203054.100	45.058
4412	203099.158	46.192
4413	203145.350	44.083
4414	203189.433	44.650
4415	203234.083	46.142
4416	203280.225	45.133
4417	203325.358	46.600
4418	203371.958	37.867
4419	203409.825	45.458
4420	203455.283	49.433
4421	203504 717	47.675
4422	203552.392	47.842
4423	203600.233	47.833
4424	203648.067	47.192
4425	203695.258	48.208
4426	203743 467	27.508
4427	203770 975	44.592
4428	203815 567	45.908
4429	203861.475	50.167
4430	203911.642	45 508
4431	203957.150	45.925
4432	204003.075	46.758
4433	204049.833	47.717
4434	204097.550	49.242
4435	204146.792	48.533
4436	204195.325	47.683
4437	204243.008	48.608
4438	204291.617	38.958
4439	204330.575	47.550
4440	204378 125	48.067
4441	204426.192	47 675
4442	204473.867	47.592
4443	204521.458	48.550
4444	204570.008	43.833
4445	204613.842	46.625
4446	204660 467	43.950
4447	204704.417	44.392
4448	204748.808	49.075
4449	204797.883	46.633
4450	204844.517	46.292
4451	204890.808	48.700
4452	204939.508	41 067
4453	204980.575	50.117
4454	205030 692	47.333
4455	205078.025	47.025
4456	205125.050	46 517
4457	205171.567	44.767
4458	205216.333	48.150
4459	205264.483	46.917
4460	205311.400	46.033
4461	205357.433	46.817
4462	205404.250	43.942
4463	205448.192	12.825
4464	205461.017	48.192
4465	205509.208	33.250
4466	205542.458	47.575

Weld	Distance (ft.)	Joint Length (ft.)
4467	205590.033	48.975
4468	205639.008	48.408
4469	205687.417	50.425
4470	205737.842	46.783
4471	205784 625	47.842
4472	205832.467	45.542
4473	205878 008	46.925
4474	205924 933	46.233
4475	205971.167	48.333
4476	206019.500	48.158
4477	206067.658	46.375
4478	206114.033	38 475
4479	206152.508	39.783
4480	206192.292	47.475
4481	206239 767	46.383
4482	206286.150	47.033
4483	206333.183	45.625
4484	206378.808	48.325
4485	206427.133	46.150
4486	206473.283	41.183
4487	206514.467	47.342
4488	206561.808	48 575
4489	206610.383	47.350
4490	206657.733	50.717
4491	206708.450	47.700
4492	206756.150	48.525
4493	206804.675	45.367
4494	206850.042	44.808
4495	206894.850	26.367
4496	206921 217	45.200
4497	206966.417	49.292
4498	207015.708	48 142
4499	207063.850	48.083
4500	207111.933	14.525
4501	207126.458	45.125
4502	207171.583	30.250
4503	207201.833	47.758
4504	207249.592	47.058
4505	207296.650	44 325
4506	207340.975	13.542
4507	207354.517	49.825
4508	207404.342	46.525
4509	207450.867	46.117
4510	207496.983	41.683
4511	207538.667	45.842
4512	207584.508	46.825
4513	207631.333	49.025
4514	207680.358	43.658
4515	207724.017	49 400
4516	207773 417	49.617
4517	207823.033	35.258
4518	207858.292	46.242
4519	207904.533	47 642
4520	207952.175	46.725
4521	207998.900	14.350
4522	208013.250	43.550
4523	208056.800	50.383
4524	208107.183	42.592

Weld	Distance (ft.)	Joint Length (ft.)
4525	208149.775	41.733
4526	208191 508	49 042
4527	208240.550	49.142
4528	208289.692	44.750
4529	208334.442	49.267
4530	208383.708	46.708
4531	208430.417	48.717
4532	208479.133	49.433
4533	208528.567	48.100
4534	208576.667	47.567
4535	208624.233	48.492
4536	208672.725	48.450
4537	208721.175	47.558
4538	208768.733	49 883
4539	208818.617	48.075
4540	208866.692	47.750
4541	208914.442	49.483
4542	208963.925	47.850
4543	209011.775	47.858
4544	209059.633	44.692
4545	209104.325	47.258
4546	209151.583	48.908
4547	209200 492	49.625
4548	209250 117	21 358
4549	209271.475	48.458
4550	209319.933	49.808
4551	209369.742	48.758
4552	209418.500	50.258
4553	209468.758	49.867
4554	209518.625	26.425
4555	209545 050	46.025
4556	209591.075	49.317
4557	209640 392	49 158
4558	209689.550	47.225
4559	209736.775	46.267
4560	209783.042	46.733
4561	209829.775	49.942
4562	209879.717	48.117
4563	209927.833	45.667
4564	209973.500	48.792
4565	210022 292	48.742
4566	210071.033	49.292
4567	210120.325	47.692
4568	210168.017	47.117
4569	210215.133	50.017
4570	210265.150	48 525
4571	210313.675	37.758
4572	210351.433	47.708
4573	210399.142	50.533
4574	210449.675	40.542
4575	210490.217	48.417
4576	210538.633	45.733
4577	210584 367	46.092
4578	210630.458	45.208
4579	210675.667	46.267
4580	210721.933	42.883
4581	210764 817	46.517
4582	210811.333	49.617

Weld	Distance (ft.)	Joint Length (ft.)
4583	210860.950	46.933
4584	210907.883	47 417
4585	210955.300	50.200
4586	211005.500	48.625
4587	211054.125	39.125
4588	211093.250	45.142
4589	211138.392	8.200
4590	211146.592	50.075
4591	211196.667	49.033
4592	211245.700	47.917
4593	211293.617	45.725
4594	211339.342	47.492
4595	211386.833	47.942
4596	211434.775	48 192
4597	211482.967	48.508
4598	211531.475	50.650
4599	211582.125	37.783
4600	211619.908	48.733
4601	211668.642	50.100
4602	211718 742	50.467
4603	211769.208	48.250
4604	211817 458	45.200
4605	211862 658	49.792
4606	211912.450	49.333
4607	211961.783	48.800
4608	212010.583	48.233
4609	212058.817	47.092
4610	212105.908	48.933
4611	212154.842	48.358
4612	212203.200	47.567
4613	212250.767	50.767
4614	212301.533	46.125
4615	212347.658	48.758
4616	212396.417	46.933
4617	212443.350	48.500
4618	212491.850	46.617
4619	212538.467	49.283
4620	212587.750	49.183
4621	212636.933	45.833
4622	212682.767	49.967
4623	212732.733	47.883
4624	212780.617	50.075
4625	212830.692	47.742
4626	212878.433	44.742
4627	212923.175	51.067
4628	212974.242	47.275
4629	213021.517	48.617
4630	213070.133	49.567
4631	213119.700	48.692
4632	213168.392	47.350
4633	213215.742	48.225
4634	213263.967	49.408
4635	213313.375	48.417
4636	213361.792	44.917
4637	213406.708	47.750
4638	213454.458	50.033
4639	213504.492	47.958
4640	213552.450	51.258

Weld	Distance (ft.)	Joint Length (ft.)
4641	213603.708	50.092
4642	213653.800	48.483
4643	213702.283	46.258
4644	213748.542	48.825
4645	213797.367	49.133
4646	213846.500	7.550
4647	213854.050	45.283
4648	213899.333	36.083
4649	213935.417	44.850
4650	213980.267	47.025
4651	214027.292	47.717
4652	214075.008	47.475
4653	214122.483	47.325
4654	214169.808	41.608
4655	214211.417	49.450
4656	214260.867	46 250
4657	214307.117	47.825
4658	214354.942	48.142
4659	214403.083	46.342
4660	214449.425	28.850
4661	214478.275	49.283
4662	214527.558	50.950
4663	214578.508	44.658
4664	214623.167	50.058
4665	214673.225	19.992
4666	214693.217	49.025
4667	214742.242	47.600
4668	214789.842	50.525
4669	214840.367	50.133
4670	214890.500	48.692
4671	214939.192	46.300
4672	214985.492	45.808
4673	215031.300	46.817
4674	215078.117	49.850
4675	215127.967	50.742
4676	215178.708	48.208
4677	215226.917	48.825
4678	215275.742	48.017
4679	215323.758	48.658
4680	215372.417	46.900
4681	215419.317	46.167
4682	215465.483	44.275
4683	215509.758	48.200
4684	215557.958	47.308
4685	215605.267	47.792
4686	215653.058	47.492
4687	215700.550	45.950
4688	215746.500	45.758
4689	215792.258	51.133
4690	215843.392	50.425
4691	215893 817	49.350
4692	215943.167	48.250
4693	215991.417	46.725
4694	216038.142	43.875
4695	216082.017	48.142
4696	216130.158	47.600
4697	216177.758	48.467
4698	216226.225	48.925

Weld	Distance (ft.)	Joint Length (ft.)
4699	216275.150	48.008
4700	216323.158	49.133
4701	216372.292	47.808
4702	216420.100	49 250
4703	216469 350	45 667
4704	216515.017	49.100
4705	216564.117	48.058
4706	216612.175	45.458
4707	216657.633	49.133
4708	216706.767	45 817
4709	216752 583	46.417
4710	216799.000	48.317
4711	216847.317	40.458
4712	216887.775	48.233
4713	216936.008	24.492
4714	216960.500	49.275
4715	217009.775	22.150
4716	217031.925	50.458
4717	217082.383	48.467
4718	217130.850	44.017
4719	217174.867	50.350
4720	217225.217	49.908
4721	217275.125	29.775
4722	217304.900	45.042
4723	217349.942	14.325
4724	217364.267	46.750
4725	217411.017	47.833
4726	217458.850	46.858
4727	217505.708	49.083
4728	217554.792	48.717
4729	217603.508	48.558
4730	217652.067	51.475
4731	217703.542	49.525
4732	217753.067	49.367
4733	217802.433	48.200
4734	217850.633	48.392
4735	217899.025	48.317
4736	217947.342	47.808
4737	217995.150	47.800
4738	218042.950	47.142
4739	218090.092	48.733
4740	218138.825	49.117
4741	218187.942	47.242
4742	218235.183	49.617
4743	218284.800	46.533
4744	218331.333	49.083
4745	218380.417	47.800
4746	218428 217	46.692
4747	218474.908	49.233
4748	218524.142	49.108
4749	218573.250	47.133
4750	218620.383	48.275
4751	218668.658	44.575
4752	218713.233	49.767
4753	218763.000	47.458
4754	218810.458	47 567
4755	218858.025	47.025
4756	218905 050	50.783

Weld	Distance (ft.)	Joint Length (ft.)
4757	218955.833	50.817
4758	219006 650	45.258
4759	219051.908	49.908
4760	219101.817	50.283
4761	219152.100	48.675
4762	219200.775	48.892
4763	219249.667	37.133
4764	219286 800	48.250
4765	219335.050	48 633
4766	219383.683	47 633
4767	219431.317	44.417
4768	219475.733	51.325
4769	219527.058	49.342
4770	219576.400	46.633
4771	219623.033	46 958
4772	219669.992	48.742
4773	219718.733	45.200
4774	219763.933	46.875
4775	219810.808	48.350
4776	219859 158	48 458
4777	219907.617	47.783
4778	219955.400	47.533
4779	220002.933	42.875
4780	220045.808	47.033
4781	220092 842	49 592
4782	220142.433	46.383
4783	220188.817	48.992
4784	220237 808	34.358
4785	220272 167	45 608
4786	220317.775	48.858
4787	220366.633	48.850
4788	220415.483	44.067
4789	220459 550	49 183
4790	220508.733	45 108
4791	220553.842	48.333
4792	220602 175	45.308
4793	220647 483	47 592
4794	220695.075	37.400
4795	220732.475	48.425
4796	220780.900	48.783
4797	220829.683	46.092
4798	220875.775	48.283
4799	220924.058	44.183
4800	220968.242	47.925
4801	221016.167	49.167
4802	221065.333	44.508
4803	221109.842	49.600
4804	221159 442	47.242
4805	221206.683	43.850
4806	221250.533	44.358
4807	221294.892	43.900
4808	221338.792	47.592
4809	221386.383	45.025
4810	221431.408	50.342
4811	221481.750	47 675
4812	221529.425	46.975
4813	221576.400	48.075
4814	221624.475	48.000

Weld	Distance (ft.)	Joint Length (ft.)
4815	221672.475	46.642
4816	221719.117	47.867
4817	221766.983	45.158
4818	221812.142	44 192
4819	221856.333	35.425
4820	221891 758	46.992
4821	221938.750	43.883
4822	221982.633	46.317
4823	222028.950	47.033
4824	222075.983	51.333
4825	222127.317	48.550
4826	222175.867	47.158
4827	222223.025	37.900
4828	222260.925	5.833
4829	222266.758	45.517
4830	222312.275	46.758
4831	222359 033	49.675
4832	222408 708	34.417
4833	222443.125	47.908
4834	222491.033	45.583
4835	222536.617	45.850
4836	222582.467	46.633
4837	222629.100	6.892
4838	222635.992	37.708
4839	222673.700	46.783
4840	222720 483	13.725
4841	222734 208	43.467
4842	222777.675	48.525
4843	222826.200	49.333
4844	222875.533	46 058
4845	222921 592	50.108
4846	222971.700	47.958
4847	223019.658	46.875
4848	223066.533	45.692
4849	223112.225	45 633
4850	223157.858	48.017
4851	223205.875	44.417
4852	223250.292	49.592
4853	223299.883	47.583
4854	223347.467	48.033
4855	223395.500	50.292
4856	223445.792	47.000
4857	223492 792	48.183
4858	223540.975	46.433
4859	223587.408	29.633
4860	223617.042	46.950
4861	223663 992	48 642
4862	223712 633	46.342
4863	223758.975	49.300
4864	223808.275	45.767
4865	223854.042	48.442
4866	223902.483	50.067
4867	223952.550	49.008
4868	224001.558	46.658
4869	224048.217	47.500
4870	224095.717	47.175
4871	224142.892	48.508
4872	224191.400	48.333

Weld	Distance (ft.)	Joint Length (ft.)
4873	224239 733	48.600
4874	224288.333	47.350
4875	224335 683	41.925
4876	224377.608	10 642
4877	224388.250	45.592
4878	224433.842	45.658
4879	224479.500	46.592
4880	224526.092	47.158
4881	224573.250	46.608
4882	224619.858	47.267
4883	224667.125	47.808
4884	224714.933	46.458
4885	224761.392	45.250
4886	224806.642	42.725
4887	224849.367	46.650
4888	224896 017	42.933
4889	224938.950	47.417
4890	224986.367	44.725
4891	225031.092	45.425
4892	225076.517	44.967
4893	225121.483	45.908
4894	225167.392	45.675
4895	225213.067	19 900
4896	225232.967	48 183
4897	225281.150	25.283
4898	225306 433	45.517
4899	225351 950	46.475
4900	225398.425	46.267
4901	225444.692	48.658
4902	225493.350	47.383
4903	225540.733	45 017
4904	225585.750	45.892
4905	225631.642	50.367
4906	225682.008	47.792
4907	225729.800	45.292
4908	225775.092	45.000
4909	225820.092	49 292
4910	225869.383	44.758
4911	225914.142	45.517
4912	225959 658	46.908
4913	226006 567	44.950
4914	226051.517	45.975
4915	226097.492	47.783
4916	226145.275	44 583
4917	226189 858	49.075
4918	226238.933	47.375
4919	226286 308	43.442
4920	226329.750	45.442
4921	226375.192	43.033
4922	226418.225	30 242
4923	226448 467	45.567
4924	226494.033	45.858
4925	226539.892	45.950
4926	226585.842	43.808
4927	226629.650	11.342
4928	226640.992	44.817
4929	226685.808	47.425
4930	226733.233	41.583

Weld	Distance (ft.)	Joint Length (ft.)
4931	226774.817	43.975
4932	226818.792	44 958
4933	226863.750	50.617
4934	226914.367	47.017
4935	226961.383	43.008
4936	227004.392	49.125
4937	227053.517	49.500
4938	227103.017	47.158
4939	227150.175	45.150
4940	227195.325	45.950
4941	227241.275	48.508
4942	227289.783	45.292
4943	227335.075	47.125
4944	227382.200	30.358
4945	227412.558	50.133
4946	227462.692	44.458
4947	227507.150	19.125
4948	227526.275	47.475
4949	227573.750	44.408
4950	227618.158	44.308
4951	227662.467	43 158
4952	227705.625	44.525
4953	227750.150	46 525
4954	227796.675	46.058
4955	227842.733	50.383
4956	227893.117	44.758
4957	227937.875	38.517
4958	227976.392	44.775
4959	228021 167	44.550
4960	228065.717	44.133
4961	228109.850	46.792
4962	228156.642	46.192
4963	228202.833	43.925
4964	228246.758	50.192
4965	228296.950	41.550
4966	228338.500	45.433
4967	228383.933	46.567
4968	228430.500	49 475
4969	228479.975	47.192
4970	228527.167	44.700
4971	228571.867	50.533
4972	228622.400	45.583
4973	228667.983	42.333
4974	228710.317	45.175
4975	228755.492	43.158
4976	228798.650	51.125
4977	228849.775	48.208
4978	228897 983	47.850
4979	228945 833	49.500
4980	228995.333	45.808
4981	229041.142	49.383
4982	229090.525	47.383
4983	229137.908	45.917
4984	229183 825	46.250
4985	229230.075	46.575
4986	229276.650	46.350
4987	229323.000	48.075
4988	229371.075	46.325

Weld	Distance (ft.)	Joint Length (ft.)
4989	229417.400	45.908
4990	229463.308	48.425
4991	229511.733	40.975
4992	229552.708	49.408
4993	229602.117	48.900
4994	229651.017	49.700
4995	229700.717	48.767
4996	229749.483	45 492
4997	229794.975	44.575
4998	229839.550	47.667
4999	229887.217	45.892
5000	229933.108	44.950
5001	229978.058	44.150
5002	230022.208	50.875
5003	230073.083	42.558
5004	230115.642	48.775
5005	230164.417	45.108
5006	230209.525	45 258
5007	230254.783	45 400
5008	230300.183	50.750
5009	230350.933	45.108
5010	230396.042	45.333
5011	230441.375	45.142
5012	230486 517	46.225
5013	230532.742	46.233
5014	230578.975	47.383
5015	230626.358	46 833
5016	230673.192	40.742
5017	230713.933	45.242
5018	230759.175	47.675
5019	230806.850	47.583
5020	230854.433	42.725
5021	230897.158	47 750
5022	230944.908	45.192
5023	230990.100	38.433
5024	231028.533	46.008
5025	231074.542	46.217
5026	231120.758	46.408
5027	231167.167	47.025
5028	231214.192	43.458
5029	231257.650	46 525
5030	231304.175	46.558
5031	231350.733	45.350
5032	231396.083	46.125
5033	231442.208	44.725
5034	231486.933	46.300
5035	231533.233	46 925
5036	231580.158	46.167
5037	231626.325	42.150
5038	231668.475	48.742
5039	231717 217	45.833
5040	231763.050	45.958
5041	231809.008	50 167
5042	231859.175	45 558
5043	231904.733	45.642
5044	231950.375	44.875
5045	231995.250	40.817
5046	232036.067	35.533

Weld	Distance (ft.)	Joint Length (ft.)
5047	232071.600	46.167
5048	232117.767	42.408
5049	232160.175	45.908
5050	232206.083	45.183
5051	232251.267	48.492
5052	232299 758	42.192
5053	232341.950	37 575
5054	232379.525	49 192
5055	232428.717	10 375
5056	232439.092	44.700
5057	232483.792	44.058
5058	232527.850	45.775
5059	232573.625	46.325
5060	232619.950	48 633
5061	232668.583	49.025
5062	232717.608	49.942
5063	232767.550	43.983
5064	232811.533	49.458
5065	232860 992	44.283
5066	232905 275	46 750
5067	232952.025	50.567
5068	233002.592	44.125
5069	233046.717	43.383
5070	233090.100	42.675
5071	233132.775	44.942
5072	233177.717	44.958
5073	233222.675	46.742
5074	233269.417	49.517
5075	233318 933	46.850
5076	233365.783	47.808
5077	233413.592	47.025
5078	233460.617	33.908
5079	233494 525	45.092
5080	233539.617	50 933
5081	233590.550	45.883
5082	233636.433	15.283
5083	233651.717	49.117
5084	233700.833	48.425
5085	233749.258	49.300
5086	233798.558	49.000
5087	233847.558	48.017
5088	233895.575	44.558
5089	233940.133	45.867
5090	233986 000	47.200
5091	234033 200	44 683
5092	234077.883	50 192
5093	234128.075	48.400
5094	234176.475	45.075
5095	234221.550	43.125
5096	234264.675	49 417
5097	234314.092	49.250
5098	234363.342	49.025
5099	234412.367	47.850
5100	234460.217	46.450
5101	234506.667	42.450
5102	234549 117	48.800
5103	234597.917	45 758
5104	234643.675	48 392

Weld	Distance (ft.)	Joint Length (ft.)
5105	234692.067	49.633
5106	234741.700	46.192
5107	234787.892	47.417
5108	234835.308	49.408
5109	234884.717	48 075
5110	234932 792	45.067
5111	234977.858	47.625
5112	235025.483	44.200
5113	235069.683	49.367
5114	235119.050	50.600
5115	235169.650	45.783
5116	235215.433	30.742
5117	235246.175	47 983
5118	235294.158	46.083
5119	235340.242	47.783
5120	235388.025	48.092
5121	235436.117	47.383
5122	235483 500	46.042
5123	235529.542	45 467
5124	235575.008	49.225
5125	235624.233	49.408
5126	235673.642	48.742
5127	235722.383	48.017
5128	235770.400	45 642
5129	235816.042	50.408
5130	235866.450	48.150
5131	235914.600	49.692
5132	235964.292	46 475
5133	236010.767	45.567
5134	236056.333	49.083
5135	236105.417	45.267
5136	236150.683	46.758
5137	236197.442	45.358
5138	236242.800	49.667
5139	236292.467	48.383
5140	236340.850	48.608
5141	236389 458	46 400
5142	236435.858	46 633
5143	236482.492	47.008
5144	236529.500	49.258
5145	236578.758	49.733
5146	236628.492	45.850
5147	236674.342	47.775
5148	236722.117	47.058
5149	236769 175	44 858
5150	236814 033	45 533
5151	236859 567	48.225
5152	236907.792	47.225
5153	236955.017	44.992
5154	237000.008	45 167
5155	237045.175	45.100
5156	237090.275	45.592
5157	237135.867	44.975
5158	237180 842	48.000
5159	237228.842	46.858
5160	237275.700	45.025
5161	237320.725	45.933
5162	237366.658	48.500

Weld	Distance (ft.)	Joint Length (ft.)
5163	237415.158	42.792
5164	237457.950	46.675
5165	237504.625	44.500
5166	237549.125	50.675
5167	237599.800	49.775
5168	237649.575	47.100
5169	237696.675	47.342
5170	237744.017	46.858
5171	237790.875	43.375
5172	237834.250	47.767
5173	237882.017	48.783
5174	237930.800	50.125
5175	237980.925	45.633
5176	238026.558	43.417
5177	238069.975	48.342
5178	238118.317	41.442
5179	238159.758	45.092
5180	238204.850	49.658
5181	238254.508	42.958
5182	238297 467	42.408
5183	238339.875	40.417
5184	238380.292	34.433
5185	238414.725	49.550
5186	238464 275	14.975
5187	238479.250	43.600
5188	238522.850	44.067
5189	238566.917	49.708
5190	238616.625	41.825
5191	238658 450	44.800
5192	238703.250	49.742
5193	238752.992	51.458
5194	238804.450	44.717
5195	238849.167	37.350
5196	238886.517	46.608
5197	238933.125	12.667
5198	238945.792	41.033
5199	238986.825	42.308
5200	239029 133	44.183
5201	239073.317	51.108
5202	239124.425	49 758
5203	239174.183	44.667
5204	239218.850	46.467
5205	239265.317	47.275
5206	239312.592	49.458
5207	239362.050	43.967
5208	239406 017	50.383
5209	239456 400	44.992
5210	239501.392	43.758
5211	239545.150	49.933
5212	239595.083	51.075
5213	239646.158	44.700
5214	239690.858	45.800
5215	239736.658	45.075
5216	239781.733	44.142
5217	239825.875	48.517
5218	239874.392	50 683
5219	239925.075	44.650
5220	239969.725	41.708

Weld	Distance (ft.)	Joint Length (ft.)
5221	240011.433	48.200
5222	240059.633	45.742
5223	240105.375	50.833
5224	240156 208	50.900
5225	240207.108	49.067
5226	240256 175	29.292
5227	240285 467	47.242
5228	240332.708	10.483
5229	240343.192	45.933
5230	240389.125	46.658
5231	240435.783	44.433
5232	240480.217	48.658
5233	240528 875	47.225
5234	240576 100	47.150
5235	240623.250	48 575
5236	240671 825	48.008
5237	240719.833	45.842
5238	240765.675	46.933
5239	240812.608	47.808
5240	240860.417	49.517
5241	240909.933	42.842
5242	240952.775	44.550
5243	240997.325	48.975
5244	241046 300	45.108
5245	241091.408	47.908
5246	241139.317	48.267
5247	241187.583	47.167
5248	241234.750	17.608
5249	241252.358	48.667
5250	241301.025	48 092
5251	241349 117	44.983
5252	241394.100	43.075
5253	241437.175	5.233
5254	241442.408	46.750
5255	241489.158	48 633
5256	241537.792	48 500
5257	241586 292	48.950
5258	241635.242	34.592
5259	241669.833	30.942
5260	241700.775	46.767
5261	241747.542	47.767
5262	241795.308	49 200
5263	241844 508	48.858
5264	241893.367	46.958
5265	241940.325	48.383
5266	241988.708	46.983
5267	242035.692	48.925
5268	242084.617	49 600
5269	242134 217	47.058
5270	242181.275	45.183
5271	242226.458	47.133
5272	242273.592	47.608
5273	242321.200	48.842
5274	242370.042	13.842
5275	242383.883	49.100
5276	242432.983	34.467
5277	242467.450	47.708
5278	242515 158	48 208

Weld	Distance (ft.)	Joint Length (ft.)
5279	242563.367	5.058
5280	242568.425	5.767
5281	242574.192	34.500
5282	242608.692	49.117
5283	242657 808	47.392
5284	242705.200	49.333
5285	242754.533	45.767
5286	242800.300	34 683
5287	242834.983	12.617
5288	242847.600	49.025
5289	242896.625	49.383
5290	242946.008	16.158
5291	242962.167	49.017
5292	243011.183	49.333
5293	243060.517	48.775
5294	243109.292	46 942
5295	243156.233	48.625
5296	243204.858	27.800
5297	243232.658	47.392
5298	243280.050	49.167
5299	243329.217	19.892
5300	243349 108	48.175
5301	243397 283	48.117
5302	243445 400	49.275
5303	243494.675	44.000
5304	243538.675	46.583
5305	243585.258	41.742
5306	243627.000	28.108
5307	243655.108	45.492
5308	243700.600	21.225
5309	243721.825	47.842
5310	243769.667	5.033
5311	243774.700	47.017
5312	243821.717	40.767
5313	243862 483	41.492
5314	243903.975	7.742
5315	243911.717	49.333
5316	243961.050	50 483
5317	244011.533	49.117
5318	244060.650	48.142
5319	244108 792	48.742
5320	244157 533	49.100
5321	244206.633	49.000
5322	244255.633	44.375
5323	244300.008	7.042
5324	244307.050	51.467
5325	244358.517	48.817
5326	244407.333	46.633
5327	244453.967	50 692
5328	244504.658	48.858
5329	244553.517	48.400
5330	244601.917	45.983
5331	244647 900	47.925
5332	244695 825	48.783
5333	244744.608	49.592
5334	244794.200	49.492
5335	244843.692	48.917
5336	244892.608	44.658

Weld	Distance (ft.)	Joint Length (ft.)
5337	244937.267	47.233
5338	244984.500	48.558
5339	245033.058	48.292
5340	245081.350	51.367
5341	245132.717	47.875
5342	245180.592	47.050
5343	245227.642	43.117
5344	245270.758	5.158
5345	245275.917	41.233
5346	245317.150	24.467
5347	245341.617	47.342
5348	245388 958	46.625
5349	245435.583	46.925
5350	245482.508	46.017
5351	245528.525	44.408
5352	245572.933	10.517
5353	245583.450	48.817
5354	245632.267	38.733
5355	245671.000	46.942
5356	245717.942	49.992
5357	245767.933	50.467
5358	245818.400	34.225
5359	245852.625	48.717
5360	245901.342	44.058
5361	245945.400	46.575
5362	245991.975	21.833
5363	246013.808	5.650
5364	246019.458	21.725
5365	246041.183	3.567
5366	246044.750	51.042
5367	246095.792	46.975
5368	246142.767	45.233
5369	246188.000	50.092
5370	246238.092	46.733
5371	246284.825	45 033
5372	246329.858	13.392
5373	246343.250	49.650
5374	246392.900	44.233
5375	246437.133	45.050
5376	246482.183	46.058
5377	246528.242	49.317
5378	246577.558	49.100
5379	246626.658	45.600
5380	246672.258	44.400
5381	246716.658	42.925
5382	246759.583	34.292
5383	246793.875	48.100
5384	246841 975	48.167
5385	246890.142	48.542
5386	246938.683	47.817
5387	246986.500	48.833
5388	247035.333	14.967
5389	247050.300	49.708
5390	247100.008	42.450
5391	247142.458	48.667
5392	247191.125	48.233
5393	247239.358	46.458
5394	247285 817	47.008

Weld	Distance (ft.)	Joint Length (ft.)
5395	247332.825	47.808
5396	247380.633	47.150
5397	247427.783	45.958
5398	247473 742	47.025
5399	247520.767	43.367
5400	247564.133	47.775
5401	247611.908	48 042
5402	247659.950	42.800
5403	247702.750	45.833
5404	247748.583	33.867
5405	247782.450	47.942
5406	247830.392	48.517
5407	247878.908	48.275
5408	247927.183	48.358
5409	247975.542	45 417
5410	248020.958	45.825
5411	248066.783	45.350
5412	248112 133	47.592
5413	248159.725	44.725
5414	248204.450	10 333
5415	248214 783	47.700
5416	248262.483	46.325
5417	248308.808	49.267
5418	248358.075	48 967
5419	248407.042	40.567
5420	248447 608	46.125
5421	248493.733	47.783
5422	248541.517	46 592
5423	248588.108	45 425
5424	248633.533	42.192
5425	248675.725	45.275
5426	248721.000	48.508
5427	248769.508	28.492
5428	248798.000	40.150
5429	248838.150	34.292
5430	248872.442	47.933
5431	248920.375	15.000
5432	248935.375	44 275
5433	248979 650	48.875
5434	249028.525	48.642
5435	249077.167	47.433
5436	249124.600	48.650
5437	249173.250	49.475
5438	249222.725	49.200
5439	249271.925	45.275
5440	249317.200	48.792
5441	249365.992	42.383
5442	249408.375	11.375
5443	249419.750	49 042
5444	249468.792	47.925
5445	249516.717	30.683
5446	249547.400	46.533
5447	249593.933	18.050
5448	249611.983	47.400
5449	249659.383	48.633
5450	249708.017	48.375
5451	249756.392	45.542
5452	249801.933	48.992

Weld	Distance (ft.)	Joint Length (ft.)
5453	249850.925	47.717
5454	249898.642	46.258
5455	249944.900	48.867
5456	249993 767	25.900
5457	250019 667	35.983
5458	250055.650	47.200
5459	250102.850	20.158
5460	250123.008	46.300
5461	250169.308	48.100
5462	250217.408	47.408
5463	250264 817	47.108
5464	250311.925	29 917
5465	250341.842	47.617
5466	250389.458	16.025
5467	250405.483	44.942
5468	250450.425	5.508
5469	250455.933	31.317
5470	250487.250	43.058
5471	250530.308	45.042
5472	250575.350	34.158
5473	250609.508	47.333
5474	250656 842	48.500
5475	250705.342	45 742
5476	250751.083	43.958
5477	250795.042	49.025
5478	250844.067	47.633
5479	250891.700	46.925
5480	250938.625	14 758
5481	250953.383	38.042
5482	250991.425	48.150
5483	251039.575	47.150
5484	251086 725	44.717
5485	251131.442	47 508
5486	251178.950	49.392
5487	251228.342	42.025
5488	251270.367	46.708
5489	251317.075	48.992
5490	251366.067	47.267
5491	251413.333	45.750
5492	251459 083	48.200
5493	251507.283	46 267
5494	251553.550	47.942
5495	251601.492	46.017
5496	251647.508	49.717
5497	251697.225	48.625
5498	251745.850	49 608
5499	251795.458	47.550
5500	251843.008	49.042
5501	251892 050	48.658
5502	251940.708	48.625
5503	251989.333	50.233
5504	252039.567	49.183
5505	252088.750	49.625
5506	252138.375	36.658
5507	252175.033	31.692
5508	252206.725	13.867
5509	252220.592	47.833
5510	252268.425	51.550

Weld	Distance (ft.)	Joint Length (ft.)
5511	252319 975	31.717
5512	252351.692	42.758
5513	252394.450	45 017
5514	252439.467	48.267
5515	252487.733	47.742
5516	252535.475	44.475
5517	252579.950	44.092
5518	252624.042	46.883
5519	252670.925	48.917
5520	252719.842	6 283
5521	252726.125	50 200
5522	252776.325	43.717
5523	252820.042	50.025
5524	252870.067	45.558
5525	252915 625	49.567
5526	252965.192	49.742
5527	253014.933	48.958
5528	253063.892	42 725
5529	253106.617	47.458
5530	253154.075	50.067
5531	253204 142	48.958
5532	253253.100	48.892
5533	253301.992	42.058
5534	253344.050	49.183
5535	253393.233	46.608
5536	253439.842	43.700
5537	253483.542	9 175
5538	253492.717	47 325
5539	253540.042	38.333
5540	253578.375	49.150
5541	253627 525	49.000
5542	253676.525	49.100
5543	253725.625	50.200
5544	253775.825	47.050
5545	253822.875	43.617
5546	253866.492	48.458
5547	253914.950	49.017
5548	253963.967	45.042
5549	254009.008	40.375
5550	254049 383	50.125
5551	254099.508	43.900
5552	254143.408	47.717
5553	254191.125	50.333
5554	254241.458	41.925
5555	254283.383	50.042
5556	254333.425	44.317
5557	254377.742	49.542
5558	254427 283	47.583
5559	254474.867	50 750
5560	254525.617	46 075
5561	254571.692	48.017
5562	254619.708	45.308
5563	254665 017	49.725
5564	254714.742	50 750
5565	254765.492	48.833
5566	254814.325	48.392
5567	254862 717	49.492
5568	254912.208	44.775

Weld	Distance (ft.)	Joint Length (ft.)
5569	254956.983	46.058
5570	255003.042	49 658
5571	255052.700	47.650
5572	255100.350	49.508
5573	255149.858	13.550
5574	255163.408	48.967
5575	255212.375	44.517
5576	255256.892	46.658
5577	255303.550	51.267
5578	255354.817	48.367
5579	255403 183	47.650
5580	255450.833	42.525
5581	255493.358	44.342
5582	255537.700	34 583
5583	255572.283	48.367
5584	255620.650	48.025
5585	255668.675	50.017
5586	255718.692	14.250
5587	255732.942	47.783
5588	255780 725	48.825
5589	255829 550	34.950
5590	255864.500	29.875
5591	255894.375	49.333
5592	255943.708	47.067
5593	255990.775	22.042
5594	256012.817	49.192
5595	256062.008	47.675
5596	256109.683	47.750
5597	256157.433	49.100
5598	256206 533	48.550
5599	256255 083	49.317
5600	256304.400	44.283
5601	256348 683	48.367
5602	256397.050	44.817
5603	256441.867	48 758
5604	256490.625	46.358
5605	256536.983	48.608
5606	256585 592	46.875
5607	256632.467	49.992
5608	256682 458	49.967
5609	256732.425	46.608
5610	256779.033	42.925
5611	256821.958	49.700
5612	256871.658	48.592
5613	256920.250	50.433
5614	256970.683	49.267
5615	257019.950	48.433
5616	257068.383	47.783
5617	257116.167	43.533
5618	257159.700	47.933
5619	257207.633	47.842
5620	257255 475	44.767
5621	257300 242	46.817
5622	257347.058	50.783
5623	257397.842	49 758
5624	257447.600	44.142
5625	257491 742	51.042
5626	257542 783	47.692

Weld	Distance (ft.)	Joint Length (ft.)
5627	257590.475	48 183
5628	257638.658	47.650
5629	257686.308	46.350
5630	257732.658	50.250
5631	257782.908	48.325
5632	257831.233	49.942
5633	257881.175	49.158
5634	257930.333	47.792
5635	257978.125	49.408
5636	258027.533	50.700
5637	258078.233	49.417
5638	258127.650	45.358
5639	258173.008	49.508
5640	258222.517	47 858
5641	258270.375	47.067
5642	258317.442	49.092
5643	258366.533	49.250
5644	258415.783	32.733
5645	258448.517	44.767
5646	258493.283	14.100
5647	258507 383	49.483
5648	258556.867	49.142
5649	258606.008	48.317
5650	258654.325	51.642
5651	258705.967	30.908
5652	258736.875	43.667
5653	258780.542	17.800
5654	258798.342	49.450
5655	258847.792	47.108
5656	258894.900	48.625
5657	258943.525	50.025
5658	258993.550	49.958
5659	259043.508	50 892
5660	259094.400	48.100
5661	259142.500	48.033
5662	259190.533	48.083
5663	259238.617	51.308
5664	259289.925	43.717
5665	259333 642	43.750
5666	259377.392	34.167
5667	259411.558	45.017
5668	259456.575	13.333
5669	259469.908	50.308
5670	259520.217	45.725
5671	259565.942	20.458
5672	259586.400	25.975
5673	259612.375	49 992
5674	259662.367	47.467
5675	259709.833	47.725
5676	259757.558	48.600
5677	259806.158	48.708
5678	259854.867	42.242
5679	259897.108	49.208
5680	259946.317	48.783
5681	259995.100	48.350
5682	260043.450	35.500
5683	260078.950	47.542
5684	260126.492	49.508

Weld	Distance (ft.)	Joint Length (ft.)
5685	260176 000	45.492
5686	260221.492	42.258
5687	260263.750	5.425
5688	260269.175	50.992
5689	260320.167	48.583
5690	260368.750	50.217
5691	260418.967	44.583
5692	260463.550	42.150
5693	260505.700	43.975
5694	260549.675	44.017
5695	260593.692	45.333
5696	260639.025	44.475
5697	260683.500	46.425
5698	260729 925	40.592
5699	260770.517	49.908
5700	260820.425	45.558
5701	260865.983	47.625
5702	260913.608	45.708
5703	260959.317	48.542
5704	261007.858	48.242
5705	261056.100	48.158
5706	261104.258	49.958
5707	261154.217	44.075
5708	261198.292	50.017
5709	261248.308	49.992
5710	261298.300	48.942
5711	261347.242	49.350
5712	261396.592	50.433
5713	261447.025	43.958
5714	261490.983	47.225
5715	261538.208	49.858
5716	261588.067	38.683
5717	261626.750	48.967
5718	261675.717	47.908
5719	261723.625	49.392
5720	261773.017	12.642
5721	261785.658	48.992
5722	261834.650	6.017
5723	261840.667	36.208
5724	261876.875	48.800
5725	261925.675	43.767
5726	261969.442	44.892
5727	262014.333	49.400
5728	262063.733	46.925
5729	262110.658	47.100
5730	262157.758	48.825
5731	262206 583	46.833
5732	262253.417	45.833
5733	262299.250	48.167
5734	262347.417	45.867
5735	262393.283	46.758
5736	262440.042	49.825
5737	262489.867	51.033
5738	262540.900	45.317
5739	262586 217	30.367
5740	262616.583	49.817
5741	262666.400	43.783
5742	262710.183	48.642

Weld	Distance (ft.)	Joint Length (ft.)
5743	262758.825	44.992
5744	262803.817	50.892
5745	262854.708	45.767
5746	262900.475	50.125
5747	262950.600	49.767
5748	263000.367	50.008
5749	263050.375	46.367
5750	263096.742	46.800
5751	263143.542	18.233
5752	263161.775	43 300
5753	263205.075	48.783
5754	263253 858	49.067
5755	263302.925	49.133
5756	263352.058	49.292
5757	263401.350	49.075
5758	263450.425	45.642
5759	263496.067	48.308
5760	263544.375	47.075
5761	263591.450	45.375
5762	263636 825	49.425
5763	263686.250	47.350
5764	263733.600	46.942
5765	263780.542	48.492
5766	263829.033	47.692
5767	263876 725	46.167
5768	263922 892	49.767
5769	263972.658	44.933
5770	264017.592	44.667
5771	264062.258	47.592
5772	264109.850	50.592
5773	264160 442	46 592
5774	264207.033	44.675
5775	264251.708	47.833
5776	264299.542	50.758
5777	264350.300	45.817
5778	264396.117	49 108
5779	264445.225	39.317
5780	264484.542	7.525
5781	264492.067	50.725
5782	264542 792	51 308
5783	264594.100	47.517
5784	264641 617	45 533
5785	264687.150	49.025
5786	264736.175	50.158
5787	264786 333	46 125
5788	264832.458	48.100
5789	264880.558	51.158
5790	264931.717	48.975
5791	264980.692	45.292
5792	265025.983	49.317
5793	265075.300	50.200
5794	265125.500	46.150
5795	265171 650	46 342
5796	265217.992	49.283
5797	265267.275	45.858
5798	265313.133	47.242
5799	265360.375	49.867
5800	265410 242	45.983

Weld	Distance (ft.)	Joint Length (ft.)
5801	265456.225	50.092
5802	265506.317	47.125
5803	265553 442	46.733
5804	265600.175	45.883
5805	265646 058	45.833
5806	265691.892	44.592
5807	265736.483	50 225
5808	265786.708	46 050
5809	265832.758	49 367
5810	265882.125	12 317.
5811	265894.442	47.408
5812	265941.850	34.958
5813	265976 808	33.933
5814	266010.742	15.758
5815	266026.500	46.383
5816	266072.883	46.833
5817	266119.717	46.608
5818	266166.325	47.458
5819	266213.783	47.217
5820	266261.000	47.750
5821	266308.750	44.650
5822	266353 400	46.258
5823	266399.658	45.025
5824	266444.683	44 325
5825	266489.008	45 592
5826	266534.600	43.908
5827	266578.508	48.183
5828	266626.692	42.200
5829	266668 892	47.267
5830	266716.158	50 383
5831	266766.542	47.467
5832	266814.008	45.608
5833	266859 617	48.400
5834	266908.017	49.225
5835	266957.242	46.575
5836	267003.817	42 767
5837	267046.583	45 050
5838	267091 633	47.575
5839	267139.208	48.917
5840	267188 125	50.883
5841	267239.008	47 125
5842	267286.133	50.000
5843	267336.133	50.150
5844	267386.283	48.342
5845	267434 625	49.350
5846	267483.975	6 575
5847	267490.550	7.900
5848	267498 450	51.150
5849	267549.600	47.250
5850	267596.850	50.650
5851	267647.500	48.875
5852	267696 375	48.967
5853	267745.342	49.408
5854	267794.750	48.367
5855	267843 117	49.992
5856	267893.108	49.733
5857	267942.842	43.892
5858	267986.733	48.525

Weld	Distance (ft.)	Joint Length (ft.)
5859	268035.258	41.158
5860	268076.417	50.750
5861	268127.167	32.808
5862	268159.975	49.033
5863	268209.008	17.442
5864	268226.450	44.167
5865	268270.617	48.033
5866	268318.650	47.275
5867	268365.925	46.142
5868	268412.067	50.700
5869	268462.767	47.700
5870	268510.467	26.708
5871	268537.175	47.542
5872	268584.717	48.850
5873	268633.567	43.325
5874	268676 892	46.133
5875	268723.025	48.950
5876	268771.975	45.450
5877	268817.425	15.817
5878	268833.242	45.367
5879	268878.608	30.108
5880	268908.717	5.292
5881	268914.008	40.650
5882	268954.658	49.200
5883	269003.858	46.967
5884	269050.825	47.050
5885	269097.875	45.617
5886	269143.492	47.392
5887	269190.883	48.408
5888	269239.292	48.608
5889	269287.900	49.175
5890	269337.075	47.900
5891	269384.975	46.650
5892	269431.625	44.683
5893	269476.308	46.292
5894	269522.600	49 775
5895	269572.375	45.925
5896	269618.300	47.442
5897	269665.742	39.525
5898	269705.267	43.367
5899	269748 633	48.967
5900	269797.600	40 992
5901	269838.592	48.233
5902	269886.825	16.825
5903	269903.650	45.650
5904	269949.300	45.992
5905	269995.292	45.417
5906	270040.708	45.258
5907	270085.967	45.908
5908	270131.875	42.833
5909	270174.708	41.250
5910	270215.958	49.575
5911	270265.533	42.033
5912	270307.567	46.883
5913	270354.450	46.383
5914	270400 833	45.800
5915	270446.633	34.200
5916	270480.833	12.125

Weld	Distance (ft.)	Joint Length (ft.)
5917	270492.958	48.233
5918	270541.192	50.358
5919	270591.550	46.908
5920	270638.458	47.375
5921	270685.833	49.592
5922	270735.425	49.450
5923	270784.875	49.108
5924	270833.983	46.200
5925	270880 183	49.983
5926	270930.167	50.208
5927	270980.375	48.525
5928	271028.900	46.458
5929	271075.358	50.467
5930	271125.825	48.567
5931	271174.392	42.292
5932	271216.683	49.417
5933	271266.100	46.183
5934	271312.283	44.967
5935	271357.250	49.608
5936	271406.858	43.783
5937	271450 642	45.525
5938	271496.167	45.767
5939	271541.933	40.200
5940	271582.133	41.517
5941	271623.650	49.633
5942	271673.283	48.575
5943	271721.858	47.808
5944	271769.667	45.400
5945	271815.067	45.058
5946	271860.125	51.258
5947	271911.383	45.183
5948	271956.567	49.442
5949	272006.008	50 000
5950	272056.008	44.833
5951	272100.842	34.567
5952	272135.408	48.117
5953	272183 525	50.650
5954	272234.175	49.325
5955	272283.500	48.883
5956	272332.383	47.608
5957	272379 992	49.783
5958	272429 775	16.000
5959	272445.775	49.942
5960	272495.717	43.175
5961	272538.892	50.642
5962	272589.533	50.700
5963	272640.233	46.275
5964	272686.508	46.158
5965	272732.667	46.917
5966	272779 583	48.683
5967	272828.267	49.083
5968	272877.350	30.358
5969	272907.708	45.683
5970	272953.392	13.967
5971	272967.358	4.375
5972	272971 733	50.592
5973	273022.325	50.908
5974	273073.233	47 400

Weld	Distance (ft.)	Joint Length (ft.)
5975	273120.633	49.283
5976	273169.917	48.600
5977	273218 517	50.283
5978	273268.800	48.250
5979	273317.050	41.517
5980	273358.567	50.358
5981	273408.925	47.017
5982	273455.942	25.350
5983	273481.292	44.900
5984	273526.192	50.433
5985	273576.625	49.825
5986	273626.450	13.925
5987	273640.375	47.158
5988	273687.533	49.350
5989	273736.883	50.800
5990	273787.683	45.658
5991	273833.342	42.933
5992	273876.275	48.975
5993	273925.250	50.967
5994	273976.217	47.283
5995	274023.500	47.733
5996	274071.233	49.142
5997	274120.375	47.492
5998	274167.867	48.617
5999	274216.483	46.625
6000	274263.108	47.258
6001	274310.367	49.758
6002	274360.125	44.700
6003	274404 825	48.800
6004	274453.625	45.817
6005	274499.442	42.425
6006	274541.867	49.050
6007	274590.917	46 033
6008	274636.950	50.717
6009	274687.667	47.750
6010	274735.417	44.225
6011	274779.642	49.783
6012	274829 425	44.758
6013	274874.183	49.475
6014	274923.658	48.000
6015	274971.658	46.800
6016	275018.458	49.492
6017	275067.950	51.875
6018	275119.825	51.325
6019	275171.150	50.275
6020	275221.425	48.100
6021	275269.525	42.367
6022	275311.892	49.450
6023	275361.342	49.883
6024	275411.225	47.092
6025	275458.317	49.942
6026	275508 258	49.017
6027	275557 275	29.575
6028	275586.850	45.942
6029	275632.792	48.658
6030	275681.450	50 267
6031	275731.717	50.700
6032	275782.417	49.675

Weld	Distance (ft.)	Joint Length (ft.)
6033	275832.092	19.317
6034	275851.408	46.075
6035	275897.483	50.442
6036	275947.925	49.475
6037	275997.400	46.817
6038	276044.217	49.000
6039	276093.217	47.208
6040	276140.425	34.425
6041	276174.850	50.250
6042	276225.100	49.533
6043	276274.633	48.883
6044	276323.517	51.025
6045	276374.542	46.375
6046	276420.917	12.992
6047	276433.908	50.308
6048	276484.217	46.508
6049	276530.725	44 192
6050	276574.917	48.542
6051	276623.458	46.083
6052	276669.542	47.650
6053	276717 192	49.800
6054	276766.992	48 558
6055	276815.550	47.067
6056	276862.617	44.225
6057	276906.842	19.875
6058	276926.717	49.167
6059	276975 883	48.342
6060	277024 225	49.567
6061	277073.792	45.658
6062	277119.450	49.575
6063	277169.025	46.892
6064	277215.917	46.342
6065	277262.258	48 750
6066	277311.008	29.650
6067	277340.658	48.500
6068	277389.158	46.125
6069	277435.283	18.092
6070	277453.375	46.900
6071	277500.275	46.800
6072	277547.075	47.408
6073	277594.483	48.842
6074	277643.325	48.717
6075	277692.042	47.175
6076	277739.217	47.125
6077	277786.342	44.375
6078	277830.717	50.167
6079	277880.883	44.125
6080	277925.008	50.067
6081	277975.075	50.792
6082	278025.867	46.067
6083	278071.933	49.867
6084	278121.800	45 900
6085	278167.700	50.242
6086	278217.942	38.542
6087	278256.483	49.025
6088	278305.508	46.292
6089	278351.800	45.508
6090	278397.308	50.717

Weld	Distance (ft.)	Joint Length (ft.)
6091	278448.025	9.450
6092	278457.475	49.492
6093	278506.967	51.600
6094	278558.567	48.683
6095	278607.250	48.425
6096	278655.675	39.133
6097	278694.808	48.142
6098	278742.950	49.208
6099	278792.158	49.267
6100	278841.425	42.825
6101	278884.250	37.567
6102	278921.817	46.500
6103	278968.317	49.067
6104	279017.383	43.608
6105	279060.992	48.617
6106	279109 608	46.100
6107	279155.708	46.475
6108	279202.183	50.900
6109	279253.083	51.350
6110	279304 433	47.150
6111	279351.583	48.933
6112	279400.517	46.575
6113	279447.092	51.008
6114	279498 100	43.875
6115	279541.975	44.083
6116	279586.058	49.492
6117	279635.550	49.583
6118	279685 133	50.283
6119	279735.417	46.475
6120	279781.892	45.658
6121	279827.550	48.742
6122	279876.292	43.942
6123	279920.233	46.200
6124	279966.433	46.075
6125	280012.508	44.925
6126	280057.433	48.492
6127	280105.925	48 575
6128	280154.500	44.408
6129	280198.908	48.400
6130	280247.308	48.533
6131	280295.842	49.517
6132	280345.358	44.433
6133	280389.792	49.025
6134	280438.817	46.675
6135	280485.492	32.842
6136	280518.333	49.933
6137	280568.267	51.067
6138	280619 333	12.558
6139	280631.892	47.775
6140	280679.667	48.558
6141	280728.225	47.933
6142	280776 158	45.425
6143	280821.583	49.425
6144	280871.008	49.617
6145	280920.625	49.558
6146	280970.183	41.058
6147	281011.242	49.467
6148	281060.708	44.400
6149	281105.108	26.825
6150	281131.933	22.550
6151	281154.483	47.092
6152	281201.575	19.758
6153	281221.333	49.625
6154	281270.958	46.942
6155	281317.900	49.525
6156	281367.425	48.483
6157	281415 908	48.958
6158	281464.867	48.600
6159	281513.467	32.617
6160	281546.083	47.058
6161	281593.142	49.408
6162	281642.550	45.458
6163	281688.008	49.642
6164	281737.650	45 517
6165	281783.167	48.342
6166	281831.508	50.150
6167	281881 658	48.733
6168	281930 392	49 058
6169	281979.450	49.633
6170	282029.083	47.425
6171	282076 508	48.808
6172	282125 317	46.017
6173	282171.333	43.533
6174	282214.867	15.900
6175	282230.767	45.958
6176	282276.725	44.800
6177	282321.525	44.258
6178	282365.783	48.575
6179	282414.358	47.033
6180	282461.392	46.033
6181	282507.425	44.492
6182	282551.917	45.250
6183	282597.167	39.592
6184	282636.758	30.125
6185	282666.883	45 983
6186	282712.867	44.108
6187	282756 975	45.367
6188	282802.342	45.800
6189	282848.142	46.267
6190	282894 408	45.567
6191	282939.975	46.508
6192	282986.483	44.708
6193	283031.192	45.525
6194	283076 717	46 833
6195	283123.550	14.650
6196	283138.200	44.033
6197	283182 233	43.658
6198	283225.892	44 050
6199	283269.942	47.033
6200	283316.975	45.025
6201	283362.000	46.825
6202	283408.825	47 867
6203	283456.692	45.650
6204	283502 342	48.900
6205	283551 242	48.458
6206	283599.700	47.592
6207	283647.292	40.058
6208	283687.350	44.917
6209	283732.267	48.125
6210	283780.392	46.783
6211	283827.175	45 575
6212	283872.750	43.633
6213	283916.383	44.683
6214	283961.067	45.625
6215	284006.692	40.100
6216	284046.792	43.367
6217	284090 158	45.492
6218	284135.650	48 375
6219	284184.025	48.017
6220	284232.042	46.125
6221	284278 167	29.592
6222	284307.758	14 575
6223	284322.333	34.575
6224	284356.908	48.025
6225	284404.933	46.792
6226	284451.725	38.675
6227	284490.400	46 158
6228	284536.558	32.425
6229	284568.983	42.400
6230	284611.383	48.250
6231	284659 633	48.200
6232	284707.833	46 133
6233	284753.967	44.783
6234	284798 750	48.875
6235	284847 625	46 517
6236	284894.142	44 275
6237	284938.417	46.408
6238	284984.825	46.983
6239	285031.808	45 258
6240	285077.067	47.017
6241	285124.083	47.850
6242	285171.933	45.892
6243	285217 825	44.875
6244	285262.700	44 875
6245	285307.575	46.717
6246	285354.292	47.150
6247	285401 442	44 367
6248	285445.808	48.908
6249	285494.717	47.458
6250	285542.175	46.142
6251	285588.317	46 225
6252	285634.542	45.400
6253	285679.942	45.350
6254	285725.292	46.083
6255	285771.375	43 992
6256	285815.367	45.933
6257	285861.300	41.850
6258	285903 150	45.783
6259	285948.933	45.383
6260	285994.317	44.242
6261	286038.558	44.067
6262	286082.625	45.825
6263	286128.450	13.825
6264	286142.275	43.392

Weld	Distance (ft.)	Joint Length (ft.)
6265	286185.667	43.367
6266	286229.033	46.008
6267	286275.042	25.850
6268	286300.892	46.133
6269	286347 025	45.292
6270	286392 317	46.508
6271	286438.825	26.808
6272	286465.633	47.233
6273	286512.867	29 950
6274	286542.817	46 542
6275	286589.358	45.167
6276	286634.525	46.017
6277	286680.542	46.100
6278	286726.642	19.983
6279	286746 625	49.525
6280	286796 150	45.492
6281	286841.642	42.900
6282	286884.542	45.533
6283	286930.075	16.933
6284	286947.008	45.400
6285	286992.408	48.850
6286	287041.258	44.133
6287	287085 392	48.033
6288	287133.425	44.933
6289	287178 358	44.642
6290	287223.000	46.875
6291	287269.875	19.800
6292	287289.675	44.308
6293	287333.983	46.233
6294	287380.217	25.200
6295	287405.417	45 608
6296	287451.025	45.767
6297	287496.792	49.458
6298	287546.250	42.775
6299	287589.025	48.358
6300	287637 383	36.058
6301	287673 442	46.258
6302	287719.700	35.758
6303	287755.458	50.558
6304	287806.017	46.725
6305	287852.742	48.017
6306	287900.758	29.467
6307	287930.225	43.717
6308	287973.942	44 383
6309	288018.325	46.250
6310	288064.575	37.792
6311	288102.367	48.383
6312	288150 750	47.983
6313	288198 733	45.342
6314	288244.075	46.167
6315	288290.242	5 783
6316	288296.025	40.350
6317	288336.375	46.667
6318	288383.042	51.008
6319	288434 050	50.408
6320	288484.458	46.508
6321	288530.967	45.825
6322	288576.792	46.442

Weld	Distance (ft.)	Joint Length (ft.)
6323	288623.233	47.008
6324	288670.242	49.817
6325	288720.058	46.042
6326	288766.100	13.633
6327	288779.733	46 317
6328	288826.050	49.733
6329	288875.783	41.600
6330	288917.383	43.700
6331	288961.083	46.583
6332	289007.667	48.025
6333	289055.692	46.867
6334	289102.558	31.158
6335	289133.717	45.192
6336	289178.908	45.450
6337	289224.358	45 550
6338	289269.908	18.208
6339	289288.117	44.608
6340	289332.725	47.467
6341	289380.192	49.942
6342	289430.133	44.708
6343	289474.842	46.000
6344	289520.842	47.083
6345	289567.925	49.633
6346	289617.558	50.600
6347	289668.158	37.817
6348	289705.975	45.708
6349	289751.683	5.142
6350	289756.825	48.658
6351	289805.483	29.383
6352	289834.867	45.717
6353	289880 583	45.333
6354	289925.917	45.283
6355	289971.200	48.642
6356	290019.842	48.092
6357	290067.933	49.800
6358	290117.733	45.867
6359	290163.600	50 075
6360	290213.675	45.383
6361	290259.058	45.692
6362	290304.750	46.292
6363	290351.042	45.317
6364	290396.358	46.525
6365	290442 883	42.658
6366	290485.542	42.608
6367	290528.150	39.008
6368	290567.158	50.292
6369	290617.450	34.200
6370	290651.650	35 200
6371	290686.850	47.883
6372	290734.733	46.225
6373	290780.958	46.850
6374	290827.808	48.700
6375	290876.508	47 300
6376	290923.808	51 133
6377	290974.942	48.533
6378	291023.475	46.117
6379	291069.592	50.508
6380	291120.100	46.450

Weld	Distance (ft.)	Joint Length (ft.)
6381	291166.550	47.783
6382	291214.333	46.158
6383	291260.492	46.375
6384	291306.867	45.733
6385	291352.600	48.775
6386	291401.375	45 817
6387	291447.192	46.242
6388	291493.433	48.433
6389	291541.867	50.658
6390	291592.525	38.975
6391	291631.500	41.842
6392	291673.342	45.225
6393	291718.567	47.808
6394	291766 375	46.833
6395	291813.208	43 233
6396	291856 442	45.650
6397	291902.092	45.833
6398	291947.925	45.275
6399	291993.200	46.825
6400	292040.025	48.875
6401	292088.900	38.642
6402	292127.542	45.850
6403	292173.392	44.983
6404	292218.375	2 842
6405	292221.217	3.550
6406	292224.767	49.292
6407	292274.058	41.633
6408	292315.692	45.992
6409	292361.683	44.258
6410	292405.942	48.775
6411	292454.717	49.892
6412	292504.608	13.500
6413	292518.108	38.050
6414	292556.158	44.158
6415	292600 317	50.733
6416	292651.050	45.900
6417	292696 950	46.000
6418	292742.950	44.575
6419	292787.525	48.708
6420	292836.233	44.367
6421	292880.600	46.292
6422	292926.892	46.150
6423	292973.042	44.608
6424	293017.650	46.008
6425	293063.658	46.608
6426	293110.267	51.058
6427	293161.325	47.383
6428	293208.708	43 200
6429	293251.908	50 208
6430	293302.117	45.008
6431	293347.125	45.300
6432	293392.425	45.750
6433	293438.175	45.025
6434	293483.200	46 242
6435	293529.442	45.908
6436	293575.350	49.375
6437	293624.725	43.142
6438	293667.867	45.400

Weld	Distance (ft.)	Joint Length (ft.)
6439	293713.267	45.208
6440	293758.475	45.608
6441	293804.083	45.517
6442	293849.600	49 017
6443	293898.617	50.775
6444	293949.392	45.192
6445	293994.583	51.100
6446	294045.683	46.958
6447	294092.642	50.375
6448	294143.017	42 483
6449	294185.500	50.042
6450	294235.542	49 325
6451	294284.867	43.000
6452	294327.867	26.375
6453	294354 242	39.175
6454	294393.417	46.342
6455	294439.758	21.308
6456	294461.067	49 242
6457	294510.308	50.000
6458	294560.308	44.400
6459	294604 708	45.217
6460	294649.925	45.283
6461	294695.208	49.342
6462	294744.550	49 792
6463	294794.342	50.850
6464	294845.192	48.492
6465	294893.683	44.450
6466	294938.133	49.192
6467	294987.325	48.700
6468	295036.025	34.500
6469	295070.525	29.825
6470	295100.350	43 383
6471	295143.733	46.933
6472	295190 667	49.492
6473	295240.158	19.325
6474	295259.483	49.967
6475	295309.450	50 125
6476	295359 575	50.117
6477	295409 692	46.042
6478	295455.733	51.200
6479	295506.933	48 608
6480	295555.542	49.125
6481	295604.667	47.425
6482	295652.092	40.683
6483	295692.775	44 925
6484	295737.700	48.408
6485	295786.108	49.850
6486	295835.958	30.217
6487	295866 175	47 450
6488	295913.625	44.475
6489	295958.100	14.825
6490	295972.925	49.825
6491	296022.750	46 375
6492	296069 125	34.925
6493	296104 050	49.192
6494	296153.242	47 242
6495	296200.483	45.250
6496	296245.733	14.933

Weld	Distance (ft.)	Joint Length (ft.)
6497	296260.667	51.558
6498	296312.225	48.400
6499	296360.625	6.492
6500	296367.117	43.550
6501	296410.667	45.950
6502	296456.617	47.975
6503	296504.592	48.650
6504	296553 242	42.950
6505	296596 192	48.900
6506	296645.092	46.800
6507	296691.892	48.475
6508	296740.367	45.517
6509	296785.883	49.475
6510	296835.358	47 567
6511	296882.925	49.283
6512	296932.208	45.525
6513	296977.733	45.292
6514	297023.025	49.283
6515	297072.308	48.058
6516	297120.367	42.892
6517	297163.258	45 750
6518	297209 008	37.550
6519	297246.558	43.033
6520	297289.592	42.608
6521	297332.200	35.050
6522	297367 250	46.975
6523	297414.225	50.092
6524	297464.317	42.017
6525	297506.333	45.925
6526	297552.258	47 092
6527	297599 350	46.208
6528	297645.558	44.558
6529	297690.117	40.050
6530	297730.167	45.817
6531	297775 983	44.617
6532	297820 600	43.733
6533	297864.333	44.292
6534	297908.625	32.925
6535	297941.550	44.575
6536	297986.125	45 600
6537	298031 725	45.592
6538	298077.317	42.450
6539	298119.767	45.133
6540	298164.900	46.008
6541	298210 908	45.200
6542	298256.108	44.900
6543	298301.008	7.908
6544	298308.917	45.058
6545	298353.975	46.342
6546	298400.317	49.550
6547	298449.867	44.917
6548	298494.783	43 708
6549	298538.492	11.108
6550	298549.600	48.958
6551	298598.558	46.958
6552	298645.517	50 150
6553	298695.667	45.417
6554	298741.083	49.158

Weld	Distance (ft.)	Joint Length (ft.)
6555	298790.242	49.233
6556	298839.475	38.533
6557	298878.008	46.583
6558	298924.592	43.200
6559	298967.792	44.758
6560	299012.550	47.725
6561	299060.275	47.433
6562	299107.708	47.425
6563	299155.133	46.117
6564	299201.250	49.758
6565	299251.008	51.117
6566	299302.125	49.908
6567	299352.033	49.067
6568	299401.100	51.758
6569	299452.858	48.000
6570	299500 858	48.933
6571	299549.792	44.433
6572	299594 225	9.000
6573	299603.225	46 933
6574	299650.158	29 575
6575	299679.733	48.900
6576	299728.633	46.150
6577	299774.783	46.742
6578	299821.525	43.658
6579	299865.183	48.042
6580	299913.225	45.717
6581	299958.942	50.442
6582	300009 383	48.975
6583	300058.358	46.283
6584	300104.642	50.400
6585	300155.042	39.700
6586	300194.742	48.450
6587	300243 192	45.975
6588	300289.167	44.708
6589	300333.875	49.917
6590	300383.792	46.492
6591	300430.283	43.558
6592	300473.842	47.017
6593	300520.858	51.017
6594	300571.875	44 117
6595	300615.992	46.983
6596	300662 975	46.875
6597	300709.850	48.708
6598	300758.558	19.183
6599	300777.742	49.667
6600	300827.408	48.383
6601	300875.792	47.283
6602	300923.075	48.325
6603	300971.400	44.092
6604	301015.492	43.550
6605	301059 042	45.050
6606	301104.092	50.050
6607	301154.142	47 950
6608	301202.092	44.133
6609	301246.225	42.933
6610	301289.158	49.350
6611	301338.508	50.650
6612	301389.158	46.658

Weld	Distance (ft.)	Joint Length (ft.)
6613	301435 817	45.917
6614	301481 733	46.208
6615	301527.942	46.183
6616	301574.125	49.200
6617	301623.325	48.217
6618	301671.542	45.708
6619	301717.250	49.342
6620	301766.592	49.367
6621	301815.958	50.933
6622	301866.892	45 775
6623	301912.667	48.342
6624	301961 008	46.492
6625	302007.500	50.842
6626	302058.342	50.600
6627	302108.942	44.425
6628	302153.367	49.925
6629	302203.292	43 350
6630	302246.642	49.758
6631	302296.400	46.667
6632	302343.067	45.217
6633	302388.283	49.750
6634	302438.033	45.917
6635	302483.950	49 317
6636	302533.267	48.525
6637	302581.792	26.483
6638	302608.275	47.767
6639	302656.042	48.525
6640	302704.567	48.850
6641	302753 417	47.308
6642	302800.725	48.625
6643	302849.350	46.958
6644	302896.308	46.033
6645	302942 342	47.800
6646	302990.142	49.275
6647	303039.417	49.942
6648	303089.358	51.108
6649	303140.467	44.467
6650	303184.933	48 208
6651	303233.142	50 067
6652	303283.208	46.317
6653	303329.525	49.917
6654	303379.442	43.375
6655	303422.817	46 258
6656	303469.075	52.100
6657	303521.175	42.967
6658	303564.142	44.842
6659	303608.983	45.342
6660	303654.325	47.975
6661	303702.300	21 200
6662	303723.500	47.233
6663	303770.733	3.975
6664	303774 708	49.592
6665	303824 300	34.092
6666	303858.392	50.092
6667	303908.483	24.983
6668	303933.467	47.833
6669	303981 300	49.492
6670	304030.792	46.125

Weld	Distance (ft.)	Joint Length (ft.)
6671	304076.917	47.550
6672	304124.467	43.567
6673	304168.033	50.258
6674	304218.292	50.908
6675	304269.200	46.300
6676	304315.500	45.958
6677	304361.458	45.192
6678	304406 650	46.050
6679	304452.700	45.517
6680	304498.217	44 950
6681	304543.167	40.267
6682	304583.433	45.217
6683	304628.650	47.233
6684	304675 883	46.358
6685	304722.242	47.533
6686	304769.775	22.750
6687	304792.525	39.150
6688	304831.675	50.350
6689	304882.025	30.050
6690	304912.075	48.833
6691	304960 908	43.867
6692	305004.775	40.792
6693	305045.567	48.592
6694	305094.158	17.550
6695	305111.708	47.142
6696	305158.850	44.067
6697	305202.917	47.275
6698	305250.192	24.917
6699	305275.108	45.625
6700	305320.733	42.717
6701	305363.450	44.100
6702	305407.550	9.125
6703	305416.675	47.933
6704	305464.608	40.792
6705	305505.400	49.958
6706	305555.358	50.108
6707	305605.467	19.550
6708	305625.017	48.300
6709	305673.317	46 158
6710	305719.475	41.908
6711	305761.383	49.358
6712	305810.742	48.892
6713	305859.633	28.925
6714	305888.558	49.358
6715	305937.917	46.225
6716	305984 142	49.758
6717	306033.900	39.075
6718	306072.975	46.083
6719	306119.058	46.158
6720	306165.217	47.417
6721	306212 633	30.017
6722	306242.650	45.408
6723	306288.058	50.450
6724	306338.508	49.883
6725	306388.392	44.208
6726	306432.600	45.017
6727	306477.617	46.000
6728	306523.617	29.983

Weld	Distance (ft.)	Joint Length (ft.)
6729	306553.600	44.500
6730	306598.100	50.558
6731	306648.658	17.092
6732	306665.750	44.817
6733	306710.567	46.133
6734	306756.700	46.150
6735	306802.850	47.592
6736	306850.442	19.275
6737	306869.717	47.208
6738	306916.925	46.875
6739	306963.800	45.317
6740	307009.117	49.700
6741	307058.817	43.208
6742	307102.025	36.667
6743	307138.692	49.492
6744	307188.183	45.850
6745	307234.033	50.317
6746	307284.350	45.875
6747	307330.225	41.767
6748	307371.992	44 458
6749	307416.450	46.933
6750	307463.383	49.817
6751	307513.200	48.467
6752	307561.667	45.867
6753	307607.533	50.492
6754	307658.025	47.950
6755	307705.975	44.183
6756	307750.158	36.325
6757	307786.483	50.600
6758	307837.083	49.292
6759	307886.375	43.392
6760	307929.767	51.467
6761	307981.233	45.850
6762	308027.083	46.883
6763	308073.967	43.308
6764	308117.275	46.975
6765	308164.250	46.517
6766	308210.767	49.592
6767	308260.358	45.850
6768	308306.208	46.092
6769	308352.300	44.683
6770	308396.983	45 850
6771	308442.833	43.842
6772	308486.675	45.650
6773	308532.325	46.200
6774	308578.525	45.600
6775	308624.125	46.000
6776	308670.125	34.533
6777	308704.658	45.708
6778	308750.367	11.583
6779	308761.950	46.217
6780	308808.167	43.942
6781	308852.108	50.425
6782	308902.533	40.508
6783	308943 042	45.433
6784	308988.475	50.167
6785	309038.642	42.258
6786	309080.900	40.983

Weld	Distance (ft.)	Joint Length (ft.)
6787	309121.883	46.242
6788	309168.125	50.100
6789	309218.225	46 150
6790	309264.375	49.017
6791	309313.392	46.625
6792	309360.017	36.808
6793	309396.825	49.467
6794	309446.292	44.908
6795	309491.200	50.367
6796	309541.567	43.317
6797	309584 883	45.417
6798	309630.300	50 083
6799	309680.383	43.083
6800	309723.467	48.067
6801	309771 533	45.017
6802	309816.550	45.300
6803	309861.850	42.358
6804	309904.208	44.875
6805	309949.083	49.950
6806	309999.033	43.808
6807	310042.842	11.933
6808	310054.775	28.575
6809	310083 350	49.650
6810	310133.000	46.900
6811	310179.900	50.483
6812	310230.383	51 508
6813	310281.892	47.183
6814	310329.075	50.642
6815	310379.717	49 325
6816	310429.042	48.508
6817	310477.550	47.233
6818	310524.783	45.667
6819	310570.450	45.033
6820	310615.483	50.258
6821	310665.742	45 983
6822	310711.725	50 208
6823	310761.933	49.008
6824	310810.942	45.650
6825	310856.592	47.567
6826	310904.158	46.258
6827	310950.417	49.383
6828	310999.800	47.858
6829	311047 658	50.083
6830	311097.742	44.025
6831	311141.767	45.192
6832	311186 958	45.133
6833	311232.092	41.917
6834	311274 008	49.400
6835	311323.408	49.458
6836	311372.867	8.833
6837	311381.700	49.708
6838	311431 408	49.033
6839	311480.442	50.933
6840	311531 375	50.475
6841	311581.850	48 650
6842	311630.500	44 058
6843	311674.558	49.992
6844	311724.550	50 758

Weld	Distance (ft.)	Joint Length (ft.)
6845	311775.308	45.758
6846	311821.067	45.433
6847	311866.500	49 492
6848	311915.992	49.892
6849	311965.883	44.875
6850	312010.758	49.200
6851	312059.958	34.067
6852	312094 025	50.333
6853	312144 358	49.400
6854	312193.758	45.308
6855	312239.067	39.250
6856	312278.317	49.183
6857	312327.500	47.875
6858	312375.375	48.225
6859	312423.600	50.833
6860	312474 433	45 708
6861	312520.142	45.092
6862	312565.233	50.792
6863	312616.025	46.383
6864	312662 408	48.108
6865	312710.517	48.217
6866	312758.733	44.833
6867	312803.567	46 325
6868	312849.892	37.650
6869	312887.542	48.033
6870	312935.575	47.633
6871	312983.208	48.050
6872	313031.258	49.567
6873	313080.825	43.375
6874	313124 200	47 050
6875	313171.250	48.733
6876	313219.983	49.800
6877	313269.783	48.817
6878	313318.600	47.317
6879	313365.917	48.750
6880	313414.667	44 883
6881	313459 550	47 200
6882	313506.750	48.775
6883	313555.525	46.800
6884	313602.325	48 458
6885	313650.783	47.783
6886	313698 567	45.233
6887	313743.800	19.800
6888	313763.600	16.358
6889	313779 958	45.158
6890	313825.117	25.575
6891	313850.692	45.567
6892	313896.258	27.542
6893	313923.800	32.033
6894	313955.833	29.867
6895	313985.700	48.542
6896	314034.242	47.117
6897	314081.358	51.000
6898	314132.358	49 492
6899	314181.850	46.392
6900	314228.242	46.325
6901	314274 567	48 117
6902	314322.683	47.975

Weld	Distance (ft.)	Joint Length (ft.)
6903	314370.658	46.450
6904	314417.108	46.550
6905	314463.658	48.208
6906	314511.867	48.442
6907	314560.308	47.383
6908	314607.692	19.008
6909	314626.700	44.817
6910	314671.517	46.000
6911	314717 517	46 467
6912	314763.983	48.817
6913	314812.800	45.042
6914	314857.842	48.492
6915	314906 333	47.350
6916	314953.683	49.142
6917	315002.825	49.750
6918	315052.575	46.700
6919	315099 275	48 617
6920	315147.892	49.275
6921	315197.167	46.542
6922	315243.708	49.250
6923	315292.958	50.175
6924	315343.133	48.408
6925	315391.542	48.150
6926	315439 692	47 100
6927	315486.792	48.917
6928	315535.708	49.367
6929	315585.075	48.475
6930	315633 550	45.608
6931	315679.158	49.250
6932	315728.408	47.900
6933	315776 308	48.892
6934	315825.200	50.367
6935	315875.567	47.200
6936	315922 767	44 825
6937	315967.592	46.392
6938	316013.983	49.100
6939	316063 083	48 067
6940	316111.150	50.433
6941	316161.583	48.450
6942	316210 033	48 108
6943	316258.142	47.417
6944	316305.558	44.917
6945	316350.475	49.017
6946	316399.492	49.092
6947	316448.583	44.125
6948	316492.708	47 483
6949	316540.192	46.642
6950	316586.833	46.175
6951	316633 008	48.800
6952	316681.808	48.592
6953	316730.400	45.758
6954	316776.158	45 692
6955	316821 850	48.717
6956	316870.567	48.658
6957	316919.225	47.233
6958	316966.458	49.875
6959	317016.333	48.317
6960	317064.650	46.325

Weld	Distance (ft.)	Joint Length (ft.)
6961	317110.975	49.300
6962	317160.275	46.025
6963	317206.300	49.267
6964	317255.567	48.292
6965	317303.858	47.383
6966	317351.242	49.108
6967	317400.350	44 583
6968	317444 933	44.367
6969	317489.300	37.767
6970	317527.067	11.108
6971	317538.175	46.683
6972	317584.858	7.225
6973	317592.083	50.433
6974	317642.517	40.017
6975	317682.533	20.000
6976	317702.533	48.242
6977	317750 775	46.967
6978	317797.742	47.700
6979	317845.442	50.008
6980	317895.450	45.792
6981	317941.242	48.050
6982	317989.292	41 450
6983	318030 742	49.058
6984	318079 800	43.983
6985	318123.783	15.475
6986	318139.258	44.000
6987	318183.258	47 883
6988	318231.142	50 475
6989	318281 617	46.567
6990	318328 183	45.592
6991	318373.775	48.317
6992	318422.092	47.533
6993	318469.625	14.933
6994	318484 558	48.625
6995	318533.183	49.142
6996	318582.325	44.392
6997	318626.717	49.267
6998	318675.983	33.783
6999	318709.767	49.883
7000	318759.650	45 592
7001	318805.242	46.300
7002	318851.542	14.608
7003	318866.150	49.650
7004	318915.800	47 458
7005	318963 258	46.567
7006	319009.825	49.183
7007	319059.008	48.108
7008	319107.117	46.917
7009	319154.033	49.133
7010	319203.167	47 100
7011	319250.267	47.725
7012	319297.992	47.433
7013	319345.425	46 175
7014	319391.600	50.017
7015	319441.617	15.900
7016	319457.517	5.050
7017	319462.567	9.467
7018	319472.033	5.967
7019	319478.000	9.442
7020	319487.442	5.700
7021	319493.142	5.308
7022	319498.450	12 775
7023	319511.225	2.500
7024	319513.725	10.150
7025	319523.875	5.200
7026	319529.075	1.575
7027	319530.650	2.575
7028	319533.225	28.317
7029	319561.542	2 475
7030	319564.017	10.117
7031	319574.133	5.175
7032	319579.308	1.567
7033	319580.875	2.700
7034	319583.575	9.983
7035	319593.558	5.392
7036	319598.950	5.558
7037	319604.508	9 383
7038	319613.892	4 217
7039	319618.108	2.658
7040	319620.767	9.358
7041	319630.125	4.733
7042	319634.858	3.458
7043	319638.317	46.400
7044	319684.717	45.700
7045	319730.417	48.642
7046	319779.058	47.725
7047	319826.783	49.833
7048	319876.617	50.342
7049	319926.958	47.358
7050	319974.317	46 800
7051	320021.117	45.858
7052	320066.975	41.708
7053	320108.683	48.283
7054	320156.967	45.317
7055	320202.283	45.500
7056	320247.783	44.892
7057	320292.675	46.083
7058	320338.758	46.825
7059	320385.583	48.975
7060	320434.558	46.808
7061	320481 367	46.908
7062	320528.275	48.458
7063	320576.733	47.100
7064	320623.833	47.867
7065	320671.700	45.142
7066	320716.842	47.383
7067	320764.225	48.408
7068	320812.633	48.292
7069	320860.925	48.300
7070	320909.225	50 000
7071	320959.225	46.842
7072	321006.067	47.800
7073	321053.867	48.392
7074	321102 258	49.375
7075	321151.633	46 133
7076	321197.767	48.708
7077	321246.475	47.192
7078	321293.667	48.333
7079	321342.000	49.625
7080	321391.625	47.575
7081	321439.200	48.733
7082	321487.933	48.608
7083	321536.542	47.242
7084	321583.783	44.358
7085	321628.142	44.333
7086	321672.475	48 850
7087	321721.325	46.908
7088	321768.233	47.025
7089	321815.258	47.808
7090	321863.067	48.025
7091	321911 092	46.492
7092	321957.583	47.650
7093	322005.233	48.608
7094	322053.842	47.233
7095	322101.075	47.292
7096	322148.367	49.750
7097	322198.117	48.142
7098	322246.258	50.208
7099	322296.467	49.625
7100	322346.092	48 808
7101	322394.900	49 258
7102	322444.158	45.683
7103	322489.842	50.375
7104	322540.217	46.875
7105	322587.092	49.675
7106	322636.767	48.642
7107	322685.408	47.250
7108	322732.658	21.108
7109	322753.767	49.825
7110	322803.592	49.667
7111	322853.258	48.067
7112	322901.325	43.483
7113	322944.808	48 617
7114	322993.425	48.808
7115	323042.233	48.092
7116	323090.325	46.467
7117	323136.792	48 508
7118	323185.300	47.925
7119	323233.225	38.583
7120	323271.808	44.775
7121	323316.583	49.567
7122	323366.150	50 342
7123	323416.492	27.042
7124	323443.533	48.608
7125	323492.142	48.550
7126	323540.692	47.917
7127	323588.608	47.992
7128	323636.600	42.050
7129	323678.650	47.092
7130	323725.742	49.033
7131	323774.775	46.842
7132	323821.617	47.517
7133	323869.133	49.808
7134	323918.942	46.517

Weld	Distance (ft.)	Joint Length (ft.)
7135	323965.458	26.917
7136	323992.375	49.325
7137	324041.700	48.083
7138	324089.783	48 400
7139	324138.183	47.217
7140	324185.400	20 867
7141	324206.267	47.250
7142	324253.517	46.375
7143	324299.892	48.925
7144	324348.817	47.400
7145	324396 217	49.683
7146	324445.900	49.150
7147	324495.050	43 358
7148	324538.408	48.742
7149	324587.150	46.308
7150	324633.458	46.075
7151	324679.533	49.642
7152	324729.175	48.717
7153	324777.892	49.058
7154	324826.950	43.575
7155	324870 525	47.375
7156	324917.900	48.167
7157	324966.067	44 058
7158	325010.125	44.675
7159	325054.800	48.658
7160	325103.458	45.083
7161	325148.542	39.758
7162	325188.300	49.233
7163	325237.533	44.942
7164	325282.475	46 425
7165	325328 900	47 417
7166	325376.317	40.808
7167	325417.125	44.292
7168	325461 417	48.533
7169	325509.950	12.858
7170	325522.808	48.550
7171	325571.358	48.717
7172	325620.075	49.433
7173	325669.508	48 408
7174	325717.917	46.133
7175	325764.050	46.600
7176	325810 650	47.108
7177	325857.758	49.383
7178	325907.142	48.975
7179	325956 117	45.583
7180	326001.700	47.642
7181	326049.342	46 683
7182	326096.025	47.967
7183	326143.992	35.683
7184	326179 675	46 142
7185	326225.817	43.692
7186	326269.508	48.183
7187	326317.692	35.092
7188	326352.783	45 442
7189	326398.225	46 067
7190	326444 292	47.033
7191	326491.325	48.258
7192	326539.583	47.925

Weld	Distance (ft.)	Joint Length (ft.)
7193	326587.508	49.567
7194	326637.075	35 017
7195	326672.092	49.375
7196	326721.467	48.867
7197	326770.333	44.175
7198	326814.508	45.533
7199	326860.042	48.033
7200	326908.075	48.842
7201	326956.917	48.667
7202	327005.583	48.692
7203	327054 275	48.042
7204	327102.317	42.592
7205	327144.908	51.017
7206	327195.925	46.417
7207	327242.342	48.258
7208	327290.600	48.758
7209	327339 358	50 433
7210	327389.792	46.700
7211	327436.492	47.267
7212	327483.758	44.733
7213	327528.492	47 933
7214	327576 425	46 842
7215	327623.267	46.283
7216	327669.550	15.350
7217	327684 900	48 342
7218	327733 242	30.308
7219	327763.550	46.583
7220	327810.133	49.400
7221	327859.533	11.425
7222	327870 958	49 467
7223	327920.425	45.967
7224	327966.392	42.433
7225	328008.825	47.317
7226	328056.142	47.617
7227	328103 758	47 300
7228	328151.058	46.383
7229	328197.442	46.850
7230	328244.292	48.100
7231	328292 392	46 725
7232	328339.117	48.875
7233	328387.992	47.808
7234	328435.800	47.058
7235	328482.858	49.633
7236	328532.492	49.467
7237	328581.958	46.975
7238	328628.933	46.775
7239	328675.708	49.925
7240	328725.633	43.350
7241	328768.983	48.125
7242	328817 108	50 267
7243	328867.375	42.642
7244	328910.017	49.500
7245	328959.517	47.667
7246	329007.183	45.725
7247	329052.908	48.083
7248	329100.992	47.867
7249	329148.858	46.442
7250	329195.300	47.292

Weld	Distance (ft.)	Joint Length (ft.)
7251	329242.592	49.558
7252	329292.150	49.275
7253	329341.425	47.517
7254	329388 942	47.775
7255	329436.717	49.958
7256	329486.675	47 992
7257	329534.667	46.642
7258	329581.308	29.625
7259	329610.933	44.875
7260	329655 808	19.317
7261	329675.125	46 492
7262	329721.617	39 717
7263	329761.333	50.350
7264	329811.683	48.967
7265	329860.650	17.000
7266	329877 650	49.883
7267	329927.533	31.742
7268	329959.275	48 158
7269	330007.433	48.575
7270	330056.008	48.317
7271	330104 325	46.892
7272	330151.217	48.308
7273	330199.525	47 158
7274	330246.683	48.283
7275	330294.967	49.233
7276	330344.200	50.300
7277	330394.500	47.408
7278	330441.908	49.392
7279	330491.300	44.100
7280	330535.400	46.992
7281	330582.392	45.583
7282	330627.975	48.350
7283	330676.325	48.742
7284	330725.067	47.558
7285	330772 625	48 367
7286	330820.992	46.642
7287	330867.633	43.542
7288	330911.175	47.908
7289	330959 083	45.975
7290	331005.058	42.092
7291	331047.150	50.342
7292	331097.492	48.942
7293	331146.433	49.000
7294	331195.433	25.042
7295	331220.475	48.833
7296	331269.308	49.267
7297	331318.575	49.933
7298	331368.508	47.025
7299	331415.533	48.533
7300	331464.067	47.392
7301	331511 458	50 300
7302	331561.758	48.483
7303	331610.242	47.175
7304	331657.417	44.917
7305	331702.333	44.725
7306	331747.058	45.600
7307	331792.658	42.567
7308	331835.225	44.375

Weld	Distance (ft.)	Joint Length (ft.)
7309	331879.600	44.150
7310	331923.750	50.358
7311	331974.108	47.283
7312	332021 392	43.183
7313	332064.575	49.442
7314	332114.017	45.000
7315	332159.017	44 392
7316	332203.408	48.125
7317	332251 533	45.217
7318	332296.750	49.667
7319	332346.417	49.150
7320	332395.567	48.017
7321	332443.583	44.450
7322	332488 033	48.008
7323	332536.042	43.675
7324	332579.717	48 683
7325	332628.400	35.675
7326	332664.075	46.083
7327	332710.158	49.517
7328	332759.675	47.858
7329	332807.533	27.167
7330	332834.700	49.908
7331	332884.608	51.742
7332	332936.350	49.967
7333	332986.317	46.075
7334	333032.392	45.408
7335	333077.800	49.850
7336	333127.650	48.942
7337	333176.592	51.075
7338	333227 667	49.683
7339	333277.350	49 808
7340	333327 158	45.392
7341	333372.550	44.833
7342	333417.383	50.758
7343	333468.142	17.533
7344	333485.675	44.467
7345	333530.142	49.892
7346	333580 033	50.042
7347	333630.075	46.058
7348	333676.133	50.650
7349	333726.783	50.825
7350	333777 608	44.992
7351	333822.600	40.675
7352	333863.275	47.392
7353	333910.667	49.808
7354	333960.475	48.833
7355	334009.308	46.083
7356	334055 392	46.983
7357	334102.375	49.558
7358	334151.933	49 508
7359	334201.442	48.825
7360	334250.267	49.767
7361	334300.033	47.883
7362	334347.917	51.125
7363	334399.042	51.050
7364	334450.092	42.167
7365	334492.258	47.333
7366	334539.592	48 392

Weld	Distance (ft.)	Joint Length (ft.)
7367	334587.983	46.567
7368	334634.550	50.025
7369	334684 575	47.025
7370	334731.600	50.583
7371	334782 183	34.142
7372	334816 325	47.042
7373	334863.367	49.292
7374	334912.658	50.675
7375	334963.333	49.033
7376	335012.367	48.725
7377	335061.092	50.000
7378	335111.092	48.967
7379	335160.058	50.075
7380	335210.133	51.342
7381	335261.475	49.442
7382	335310.917	48.300
7383	335359.217	49.283
7384	335408.500	48.758
7385	335457.258	50.775
7386	335508.033	49.375
7387	335557.408	48.133
7388	335605.542	44.967
7389	335650.508	50.883
7390	335701.392	47.408
7391	335748.800	49.183
7392	335797.983	48.367
7393	335846.350	49.292
7394	335895.642	48.850
7395	335944.492	47.917
7396	335992.408	49.700
7397	336042.108	48 017
7398	336090.125	50.675
7399	336140.800	47.192
7400	336187.992	48.150
7401	336236 142	48.208
7402	336284 350	49.692
7403	336334.042	46.933
7404	336380.975	48.317
7405	336429.292	46.800
7406	336476.092	48.333
7407	336524.425	48.483
7408	336572.908	50.208
7409	336623.117	47.950
7410	336671.067	48.408
7411	336719.475	47.925
7412	336767.400	46.917
7413	336814 317	45.458
7414	336859.775	50.500
7415	336910.275	49.233
7416	336959.508	49.008
7417	337008 517	47.892
7418	337056 408	49.117
7419	337105.525	50.850
7420	337156.375	47.800
7421	337204.175	48.183
7422	337252 358	46.892
7423	337299.250	48 942
7424	337348.192	48.433

Weld	Distance (ft.)	Joint Length (ft.)
7425	337396.625	47.075
7426	337443.700	45.425
7427	337489.125	48.333
7428	337537.458	42.775
7429	337580.233	44.983
7430	337625.217	50.217
7431	337675.433	48.242
7432	337723.675	50.258
7433	337773.933	21.217
7434	337795.150	43.450
7435	337838.600	50.117
7436	337888.717	25.700
7437	337914.417	48.017
7438	337962.433	20.775
7439	337983.208	48.417
7440	338031.625	48.708
7441	338080.333	42.125
7442	338122.458	41.467
7443	338163.925	48.458
7444	338212.383	49.192
7445	338261.575	47.450
7446	338309.025	44.650
7447	338353.675	48.117
7448	338401.792	48.667
7449	338450.458	48.950
7450	338499.408	47.433
7451	338546.842	47.925
7452	338594.767	46 583
7453	338641.350	48.558
7454	338689.908	48.883
7455	338738.792	47.542
7456	338786.333	50.067
7457	338836.400	49.067
7458	338885.467	49 225
7459	338934.692	46.967
7460	338981.658	45.217
7461	339026.875	48.083
7462	339074.958	48.167
7463	339123.125	49.392
7464	339172.517	26 958
7465	339199.475	50 025
7466	339249.500	49.675
7467	339299.175	46.142
7468	339345.317	49.550
7469	339394.867	48.675
7470	339443.542	50 333
7471	339493.875	33 742
7472	339527.617	49.450
7473	339577.067	46.608
7474	339623.675	47.992
7475	339671.667	49.042
7476	339720.708	50.333
7477	339771.042	47.333
7478	339818.375	47.008
7479	339865.383	45.950
7480	339911.333	47.233
7481	339958.567	25.317
7482	339983.883	49 125

Weld	Distance (ft.)	Joint Length (ft.)
7483	340033.008	50 142
7484	340083.150	46.133
7485	340129.283	49.525
7486	340178.808	48.425
7487	340227.233	44.675
7488	340271.908	49.275
7489	340321.183	24.858
7490	340346.042	49.158
7491	340395.200	15.658
7492	340410.858	5.617
7493	340416.475	45.383
7494	340461.858	42.192
7495	340504.050	50.375
7496	340554.425	47.383
7497	340601.808	48.183
7498	340649.992	49.650
7499	340699.642	47.008
7500	340746.650	47.642
7501	340794.292	37.000
7502	340831.292	46.217
7503	340877.508	45 025
7504	340922.533	47.858
7505	340970.392	44.275
7506	341014.667	45.550
7507	341060.217	45 867
7508	341106.083	47 008
7509	341153.092	46.042
7510	341199.133	48.292
7511	341247.425	47.550
7512	341294 975	47 025
7513	341342.000	45.333
7514	341387.333	46.050
7515	341433.383	29.942
7516	341463.325	45.575
7517	341508.900	46.683
7518	341555.583	46.717
7519	341602.300	45.492
7520	341647 792	47 417
7521	341695.208	45.042
7522	341740.250	45.692
7523	341785.942	48.008
7524	341833 950	47 575
7525	341881 525	45 683
7526	341927.208	44.308
7527	341971.517	47.767
7528	342019 283	46.017
7529	342065.300	44.617
7530	342109.917	50.158
7531	342160.075	45.850
7532	342205 925	47 192
7533	342253.117	47.292
7534	342300.408	46.892
7535	342347.300	17.333
7536	342364.633	43.908
7537	342408.542	45.575
7538	342454.117	47.225
7539	342501 342	47.508
7540	342548.850	50.525

Weld	Distance (ft.)	Joint Length (ft.)
7541	342599.375	35 725
7542	342635.100	47.850
7543	342682.950	47.192
7544	342730.142	46.292
7545	342776.433	30.733
7546	342807 167	50.208
7547	342857.375	47.775
7548	342905.150	46.517
7549	342951.667	50.933
7550	343002.600	48.625
7551	343051.225	46.042
7552	343097 267	47.375
7553	343144.642	44.075
7554	343188.717	50 008
7555	343238.725	51.400
7556	343290.125	45.233
7557	343335.358	46.892
7558	343382.250	49.183
7559	343431.433	45.483
7560	343476 917	50.708
7561	343527.625	15.333
7562	343542.958	50.508
7563	343593 467	45.708
7564	343639.175	49.175
7565	343688 350	50.408
7566	343738.758	47.908
7567	343786.667	45.708
7568	343832.375	50.000
7569	343882 375	47.367
7570	343929.742	49.717
7571	343979.458	50 692
7572	344030.150	50.433
7573	344080.583	46.525
7574	344127.108	47.100
7575	344174.208	44.367
7576	344218.575	47.783
7577	344266.358	48.933
7578	344315 292	43.508
7579	344358 800	50.350
7580	344409.150	46.908
7581	344456.058	46.208
7582	344502.267	49.892
7583	344552 158	50.117
7584	344602.275	49.700
7585	344651.975	48.600
7586	344700.575	46.633
7587	344747.208	48.208
7588	344795.417	45.000
7589	344840.417	46.600
7590	344887 017	48.125
7591	344935.142	50.517
7592	344985.658	47.142
7593	345032.800	47.158
7594	345079.958	42.825
7595	345122.783	48.767
7596	345171.550	48.925
7597	345220.475	50.342
7598	345270 817	48.425

Weld	Distance (ft.)	Joint Length (ft.)
7599	345319.242	45.283
7600	345364 525	47.125
7601	345411.650	47.608
7602	345459.258	47.750
7603	345507.008	47.733
7604	345554.742	24.808
7605	345579.550	47.500
7606	345627.050	49.083
7607	345676.133	48.700
7608	345724.833	48.442
7609	345773.275	46.775
7610	345820.050	46.242
7611	345866.292	49.217
7612	345915.508	46.242
7613	345961.750	50.950
7614	346012.700	47.192
7615	346059.892	49.167
7616	346109.058	48.250
7617	346157.308	49.883
7618	346207.192	51.183
7619	346258.375	47.933
7620	346306.308	48.408
7621	346354.717	48.792
7622	346403.508	47.908
7623	346451.417	46.025
7624	346497.442	48.325
7625	346545.767	50.458
7626	346596.225	50.467
7627	346646.692	46.550
7628	346693.242	17 692
7629	346710.933	48 342
7630	346759 275	50.592
7631	346809.867	49.483
7632	346859.350	46 292
7633	346905.642	49.783
7634	346955.425	51.717
7635	347007.142	49.875
7636	347057.017	45.983
7637	347103.000	49 300
7638	347152 300	46.733
7639	347199.033	49.658
7640	347248.692	47.700
7641	347296.392	48.858
7642	347345 250	43 575
7643	347388 825	50.658
7644	347439.483	48.000
7645	347487.483	43.250
7646	347530.733	45.817
7647	347576.550	46.958
7648	347623.508	48.958
7649	347672.467	48.542
7650	347721.008	48.275
7651	347769.283	48.942
7652	347818.225	43.958
7653	347862.183	46.867
7654	347909.050	44 425
7655	347953.475	47.692
7656	348001.167	48.533

Weld	Distance (ft.)	Joint Length (ft.)
7657	348049.700	49.933
7658	348099.633	49 492
7659	348149.125	46.383
7660	348195.508	47.358
7661	348242.867	45.100
7662	348287.967	49.000
7663	348336.967	49.108
7664	348386.075	49.492
7665	348435.567	48.408
7666	348483 975	47.067
7667	348531.042	48.117
7668	348579.158	50.842
7669	348630.000	49.967
7670	348679.967	49 625
7671	348729.592	46.917
7672	348776.508	47.133
7673	348823.642	38.967
7674	348862.608	49.608
7675	348912.217	49.425
7676	348961.642	46.292
7677	349007 933	47.342
7678	349055.275	49 275
7679	349104.550	44.292
7680	349148.842	49.017
7681	349197.858	48.733
7682	349246.592	47.625
7683	349294.217	50.000
7684	349344.217	50.175
7685	349394.392	44.117
7686	349438.508	47.125
7687	349485.633	49.958
7688	349535.592	46.517
7689	349582.108	46.608
7690	349628.717	50.575
7691	349679.292	44.925
7692	349724.217	46.600
7693	349770.817	46.525
7694	349817.342	49.567
7695	349866.908	48.375
7696	349915.283	47.325
7697	349962 608	46.458
7698	350009.067	19.650
7699	350028.717	45 850
7700	350074.567	49.992
7701	350124.558	45.200
7702	350169.758	49.083
7703	350218 842	49.442
7704	350268.283	50.083
7705	350318.367	49.600
7706	350367.967	48.108
7707	350416.075	48.108
7708	350464.183	48.483
7709	350512.667	49.675
7710	350562.342	50 308
7711	350612.650	50.175
7712	350662.825	45.908
7713	350708.733	46.117
7714	350754.850	45.442

Weld	Distance (ft.)	Joint Length (ft.)
7715	350800.292	49.808
7716	350850.100	46 383
7717	350896.483	28.475
7718	350924.958	45.367
7719	350970.325	45.267
7720	351015.592	48.125
7721	351063.717	45.233
7722	351108.950	50.200
7723	351159 150	50.725
7724	351209.875	47.892
7725	351257.767	49.575
7726	351307.342	45.658
7727	351353.000	44.250
7728	351397.250	46.158
7729	351443.408	45.333
7730	351488.742	47.025
7731	351535.767	49.892
7732	351585.658	45.442
7733	351631.100	46.108
7734	351677 208	43.542
7735	351720.750	50.600
7736	351771.350	44.608
7737	351815.958	48.908
7738	351864.867	46.625
7739	351911.492	33.892
7740	351945.383	50.042
7741	351995 425	45.392
7742	352040 817	7.150
7743	352047.967	47.067
7744	352095.033	48.467
7745	352143.500	49.192
7746	352192.692	44.258
7747	352236 950	47.692
7748	352284.642	48.150
7749	352332.792	44.750
7750	352377.542	49.192
7751	352426.733	44.133
7752	352470.867	48.292
7753	352519.158	44.358
7754	352563.517	46.867
7755	352610.383	43 450
7756	352653.833	48 450
7757	352702.283	51.367
7758	352753.650	48.233
7759	352801.883	42.942
7760	352844 825	45.442
7761	352890.267	34.633
7762	352924.900	46.442
7763	352971.342	46.825
7764	353018.167	46.642
7765	353064 808	46.242
7766	353111.050	46.858
7767	353157.908	49.608
7768	353207.517	46.033
7769	353253.550	46.942
7770	353300.492	47.825
7771	353348.317	49.683
7772	353398.000	43.950

Weld	Distance (ft.)	Joint Length (ft.)
7773	353441.950	48.925
7774	353490.875	46 708
7775	353537.583	45.500
7776	353583.083	45.308
7777	353628.392	48.650
7778	353677.042	47.767
7779	353724.808	46.775
7780	353771.583	46.350
7781	353817.933	49.717
7782	353867.650	50.292
7783	353917.942	47.833
7784	353965.775	43.642
7785	354009.417	50.475
7786	354059.892	48.375
7787	354108.267	45.792
7788	354154.058	50.300
7789	354204.358	46.092
7790	354250.450	46.842
7791	354297 292	49.633
7792	354346 925	46.000
7793	354392.925	31.533
7794	354424.458	43.525
7795	354467.983	18 400
7796	354486.383	45.933
7797	354532.317	45.983
7798	354578.300	47.708
7799	354626.008	43.542
7800	354669.550	47.967
7801	354717.517	43.342
7802	354760.858	47.250
7803	354808.108	46.425
7804	354854.533	47.275
7805	354901.808	43.867
7806	354945.675	48.808
7807	354994.483	50.833
7808	355045.317	50.183
7809	355095.500	36.775
7810	355132.275	46.292
7811	355178.567	49.917
7812	355228.483	46.908
7813	355275.392	45.650
7814	355321.042	43.892
7815	355364.933	47.717
7816	355412.650	48.367
7817	355461.017	48.167
7818	355509.183	45.733
7819	355554 917	47.233
7820	355602.150	47 625
7821	355649.775	49.017
7822	355698.792	48.025
7823	355746.817	49.042
7824	355795.858	47.017
7825	355842.875	48.508
7826	355891.383	47 492
7827	355938.875	47.892
7828	355986.767	46.925
7829	356033.692	49.425
7830	356083.117	42.583

Weld	Distance (ft.)	Joint Length (ft.)
7831	356125.700	47.942
7832	356173.642	48.933
7833	356222.575	48 933
7834	356271.508	46.067
7835	356317.575	48.725
7836	356366.300	49.008
7837	356415.308	45.633
7838	356460.942	47.075
7839	356508.017	49.583
7840	356557.600	48.783
7841	356606.383	47 775
7842	356654.158	47.258
7843	356701.417	49.825
7844	356751.242	48.825
7845	356800.067	50.417
7846	356850.483	48.442
7847	356898 925	47.875
7848	356946.800	46.050
7849	356992.850	47.467
7850	357040.317	47.558
7851	357087.875	48.492
7852	357136.367	47.992
7853	357184 358	48 333
7854	357232.692	48.267
7855	357280.958	49.842
7856	357330.800	48.108
7857	357378.908	47.400
7858	357426.308	47.983
7859	357474.292	43.333
7860	357517.625	48.100
7861	357565.725	48.100
7862	357613 825	49 308
7863	357663.133	47.133
7864	357710.267	48.383
7865	357758.650	45.483
7866	357804.133	44 642
7867	357848.775	44.533
7868	357893.308	48.967
7869	357942.275	46.033
7870	357988 308	49.458
7871	358037.767	50.792
7872	358088.558	43.892
7873	358132.450	49.383
7874	358181.833	46.667
7875	358228.500	48 400
7876	358276.900	44.650
7877	358321.550	49.367
7878	358370.917	49.092
7879	358420.008	47.658
7880	358467.667	44.142
7881	358511.808	49.192
7882	358561 000	45.733
7883	358606.733	50.067
7884	358656.800	43.050
7885	358699 850	47.458
7886	358747.308	49.050
7887	358796.358	48 767
7888	358845.125	45.750

Weld	Distance (ft.)	Joint Length (ft.)
7889	358890.875	44.092
7890	358934.967	46 608
7891	358981.575	46.600
7892	359028.175	43.800
7893	359071.975	46.100
7894	359118 075	43.817
7895	359161 892	45.667
7896	359207.558	49.333
7897	359256.892	44.300
7898	359301.192	48.967
7899	359350.158	48.092
7900	359398.250	48.642
7901	359446.892	48.558
7902	359495 450	47.192
7903	359542 642	49.392
7904	359592.033	40.275
7905	359632.308	42.208
7906	359674.517	46.467
7907	359720.983	47.867
7908	359768.850	45.833
7909	359814.683	47.925
7910	359862.608	45.558
7911	359908.167	46.942
7912	359955.108	46.658
7913	360001.767	47.942
7914	360049.708	44.675
7915	360094.383	46.792
7916	360141.175	45.292
7917	360186.467	48.533
7918	360235.000	48.642
7919	360283.642	41.650
7920	360325.292	47.867
7921	360373.158	46.558
7922	360419.717	49.167
7923	360468.883	47.300
7924	360516.183	47 125
7925	360563 308	42.592
7926	360605.900	48.150
7927	360654 050	46.842
7928	360700.892	48.758
7929	360749.650	46.325
7930	360795.975	48.742
7931	360844.717	47.050
7932	360891.767	43.658
7933	360935.425	45.550
7934	360980.975	49.192
7935	361030 167	48.208
7936	361078.375	46.642
7937	361125.017	47.892
7938	361172.908	45.000
7939	361217.908	47.708
7940	361265.617	49.308
7941	361314.925	48 800
7942	361363.725	48 492
7943	361412.217	41.983
7944	361454.200	42.642
7945	361496.842	48.033
7946	361544.875	47.550

Weld	Distance (ft.)	Joint Length (ft.)
7947	361592.425	48.042
7948	361640.467	43 967
7949	361684.433	48.158
7950	361732.592	44.850
7951	361777.442	48.892
7952	361826.333	47.858
7953	361874.192	44.567
7954	361918.758	42.250
7955	361961.008	48 575
7956	362009.583	48.367
7957	362057.950	48.967
7958	362106.917	46.225
7959	362153.142	44.325
7960	362197.467	48.483
7961	362245.950	44.250
7962	362290.200	46 433
7963	362336.633	37.333
7964	362373.967	45.275
7965	362419.242	45.283
7966	362464 525	44.442
7967	362508.967	45.042
7968	362554.008	49 817
7969	362603.825	45.308
7970	362649.133	45.267
7971	362694.400	45.283
7972	362739.683	49.150
7973	362788.833	44.658
7974	362833.492	45.817
7975	362879.308	45.250
7976	362924.558	41.925
7977	362966 483	49.250
7978	363015.733	47.125
7979	363062.858	45.483
7980	363108.342	45.058
7981	363153.400	49.000
7982	363202.400	48 067
7983	363250.467	39.975
7984	363290.442	45.750
7985	363336.192	44.425
7986	363380 617	46.350
7987	363426.967	47 358
7988	363474.325	46.517
7989	363520.842	45.725
7990	363566.567	44.908
7991	363611.475	44.942
7992	363656.417	46.358
7993	363702.775	46.400
7994	363749.175	44.383
7995	363793.558	46.067
7996	363839.625	48.617
7997	363888 242	45.475
7998	363933.717	39.117
7999	363972.833	46.033
8000	364018.867	45.517
8001	364064.383	45.608
8002	364109.992	45.733
8003	364155 725	44.808
8004	364200.533	44.392

Weld	Distance (ft.)	Joint Length (ft.)
8005	364244.925	45.408
8006	364290.333	46.458
8007	364336.792	45.175
8008	364381.967	48.892
8009	364430.858	45.417
8010	364476.275	46.608
8011	364522.883	40.850
8012	364563.733	45.292
8013	364609.025	41.833
8014	364650.858	45.950
8015	364696.808	46.625
8016	364743.433	46.492
8017	364789.925	45.950
8018	364835.875	46.700
8019	364882.575	48.825
8020	364931.400	48.600
8021	364980 000	44.925
8022	365024 925	45.592
8023	365070.517	45 383
8024	365115.900	41 267
8025	365157.167	43.875
8026	365201.042	46.808
8027	365247.850	44.333
8028	365292.183	12.542
8029	365304.725	32.858
8030	365337.583	43.125
8031	365380.708	45 842
8032	365426.550	15.092
8033	365441.642	45.108
8034	365486.750	46.392
8035	365533.142	45.100
8036	365578.242	45.983
8037	365624 225	46.858
8038	365671.083	45 092
8039	365716.175	45.300
8040	365761.475	46.542
8041	365808.017	46.733
8042	365854.750	45.892
8043	365900.642	45.733
8044	365946.375	46.308
8045	365992.683	44.183
8046	366036.867	45.333
8047	366082.200	45.450
8048	366127 650	44.558
8049	366172.208	42.975
8050	366215 183	49.392
8051	366264.575	49.017
8052	366313.592	47.792
8053	366361.383	47.083
8054	366408.467	45.983
8055	366454.450	45.725
8056	366500.175	45 292
8057	366545.467	44.325
8058	366589.792	45.067
8059	366634 858	46.400
8060	366681.258	42.367
8061	366723.625	46 225
8062	366769.850	46.792

Weld	Distance (ft.)	Joint Length (ft.)
8063	366816.642	45.200
8064	366861.842	43.167
8065	366905.008	47.850
8066	366952.858	46.000
8067	366998.858	45.108
8068	367043.967	47.883
8069	367091.850	40.767
8070	367132.617	45 883
8071	367178.500	44.867
8072	367223.367	45.425
8073	367268.792	48.508
8074	367317.300	46.283
8075	367363.583	45.608
8076	367409.192	45.783
8077	367454.975	46.442
8078	367501.417	47.750
8079	367549.167	48.408
8080	367597.575	47.525
8081	367645.100	46.558
8082	367691.658	45.775
8083	367737.433	48.567
8084	367786.000	44.800
8085	367830.800	44.333
8086	367875.133	48.492
8087	367923.625	46.092
8088	367969.717	47.042
8089	368016.758	42.850
8090	368059.608	46.125
8091	368105 733	47.292
8092	368153 025	44.550
8093	368197.575	48.283
8094	368245.858	46.192
8095	368292.050	45.808
8096	368337.858	44 208
8097	368382 067	45.875
8098	368427.942	44.400
8099	368472.342	46.017
8100	368518.358	41.925
8101	368560.283	46.033
8102	368606.317	45.683
8103	368652.000	44 325
8104	368696.325	37.467
8105	368733 792	46.067
8106	368779.858	46.050
8107	368825.908	47.908
8108	368873.817	45.992
8109	368919.808	33 783
8110	368953 592	44.875
8111	368998.467	46.717
8112	369045.183	46.058
8113	369091.242	45.533
8114	369136.775	46.442
8115	369183.217	45.717
8116	369228 933	44.925
8117	369273.858	45.600
8118	369319.458	39.042
8119	369358.500	44.850
8120	369403 350	45.342

Weld	Distance (ft.)	Joint Length (ft.)
8121	369448.692	44.500
8122	369493.192	45.858
8123	369539.050	44.342
8124	369583.392	45.525
8125	369628.917	44.400
8126	369673 317	41.983
8127	369715 300	50 667
8128	369765.967	45.617
8129	369811.583	44.833
8130	369856.417	46.383
8131	369902.800	45.300
8132	369948.100	46.325
8133	369994.425	44.383
8134	370038.808	43.175
8135	370081.983	44.992
8136	370126.975	45.592
8137	370172.567	45.017
8138	370217.583	44.975
8139	370262.558	37.667
8140	370300.225	45 783
8141	370346.008	45.633
8142	370391.642	44.450
8143	370436.092	44.525
8144	370480.617	36.842
8145	370517.458	43.992
8146	370561.450	46.767
8147	370608 217	46.258
8148	370654 475	37.958
8149	370692.433	44.967
8150	370737.400	44.233
8151	370781.633	47.433
8152	370829.067	44.542
8153	370873.608	45.542
8154	370919.150	46 358
8155	370965 508	45.442
8156	371010.950	48.408
8157	371059.358	42.967
8158	371102.325	38.117
8159	371140.442	45.667
8160	371186.108	46.108
8161	371232.217	44.458
8162	371276.675	45.300
8163	371321.975	49.133
8164	371371.108	44.833
8165	371415.942	45.250
8166	371461.192	49.617
8167	371510.808	45.558
8168	371556.367	47.508
8169	371603.875	47.658
8170	371651.533	47.233
8171	371698.767	46.175
8172	371744.942	44 867
8173	371789.808	46.417
8174	371836.225	45.192
8175	371881.417	44.875
8176	371926.292	38.642
8177	371964.933	45.908
8178	372010.842	49 267

Weld	Distance (ft.)	Joint Length (ft.)
8179	372060 108	46 325
8180	372106.433	44.842
8181	372151.275	46.117
8182	372197.392	46.517
8183	372243.908	45.233
8184	372289.142	47.342
8185	372336 483	46.350
8186	372382 833	46 292
8187	372429.125	44.283
8188	372473.408	45.867
8189	372519.275	45.817
8190	372565.092	45.942
8191	372611.033	46.433
8192	372657.467	6 400
8193	372663.867	47.275
8194	372711.142	49.958
8195	372761.100	46.208
8196	372807.308	47.125
8197	372854 433	47 658
8198	372902.092	43.725
8199	372945.817	46.942
8200	372992.758	47.692
8201	373040.450	44 825
8202	373085.275	49 417
8203	373134.692	48.967
8204	373183.658	47.825
8205	373231.483	25.825
8206	373257.308	48.317
8207	373305.625	48 650
8208	373354.275	50.283
8209	373404.558	47.900
8210	373452.458	45 800
8211	373498.258	45.967
8212	373544.225	50.992
8213	373595.217	47.883
8214	373643.100	46.858
8215	373689.958	46.142
8216	373736.100	44.550
8217	373780.650	48.650
8218	373829.300	20 583
8219	373849.883	49.542
8220	373899.425	45.458
8221	373944.883	49 342
8222	373994.225	45.267
8223	374039 492	45.792
8224	374085.283	47.150
8225	374132.433	49.617
8226	374182.050	47.675
8227	374229.725	48.833
8228	374278.558	44 375
8229	374322.933	49.100
8230	374372.033	48.967
8231	374421.000	45 192
8232	374466.192	47.417
8233	374513.608	50.083
8234	374563.692	48.308
8235	374612.000	46 600
8236	374658.600	48.717

Weld	Distance (ft.)	Joint Length (ft.)
8237	374707.317	45 125
8238	374752.442	50.600
8239	374803.042	46.033
8240	374849.075	49.933
8241	374899.008	44.892
8242	374943.900	46.125
8243	374990.025	47.733
8244	375037.758	45.333
8245	375083.092	47.125
8246	375130.217	44.875
8247	375175.092	47.358
8248	375222.450	44.267
8249	375266 717	48.533
8250	375315.250	45.325
8251	375360.575	45.750
8252	375406.325	48.142
8253	375454.467	43.908
8254	375498.375	41.708
8255	375540.083	49 367
8256	375589.450	47.192
8257	375636.642	47.200
8258	375683 842	34.950
8259	375718.792	46.500
8260	375765.292	49 742
8261	375815.033	44.392
8262	375859.425	47.342
8263	375906.767	46.075
8264	375952.842	50.725
8265	376003.567	48.375
8266	376051.942	46.317
8267	376098.258	46.025
8268	376144 283	49 650
8269	376193.933	44.217
8270	376238.150	49.900
8271	376288.050	48.900
8272	376336.950	47.233
8273	376384.183	47.775
8274	376431.958	48.492
8275	376480.450	43.675
8276	376524 125	46.667
8277	376570.792	48 200
8278	376618.992	47.558
8279	376666 550	45.667
8280	376712.217	47.633
8281	376759.850	48.942
8282	376808.792	42.517
8283	376851.308	48.050
8284	376899.358	43 442
8285	376942.800	49.992
8286	376992 792	49.133
8287	377041 925	48.375
8288	377090.300	47.633
8289	377137.933	45.475
8290	377183 408	49.192
8291	377232 600	49.767
8292	377282.367	49.358
8293	377331.725	45.100
8294	377376 825	45.350

Weld	Distance (ft.)	Joint Length (ft.)
8295	377422.175	47.392
8296	377469.567	48.958
8297	377518.525	49.142
8298	377567.667	44.800
8299	377612.467	45.817
8300	377658.283	49.142
8301	377707.425	45.050
8302	377752.475	43.008
8303	377795.483	48.517
8304	377844.000	38.858
8305	377882.858	48.017
8306	377930.875	46.783
8307	377977 658	50.367
8308	378028.025	47.475
8309	378075.500	47.308
8310	378122.808	42.967
8311	378165.775	47.925
8312	378213 700	48.917
8313	378262.617	48.633
8314	378311.250	48.292
8315	378359.542	48.333
8316	378407.875	47.392
8317	378455 267	49.658
8318	378504.925	42 975
8319	378547.900	48.375
8320	378596.275	47.075
8321	378643.350	48.825
8322	378692.175	49.458
8323	378741.633	46 917
8324	378788.550	48.458
8325	378837 008	49.642
8326	378886.650	45 733
8327	378932.383	43.067
8328	378975.450	49.075
8329	379024.525	49.392
8330	379073.917	45.542
8331	379119.458	45 075
8332	379164.533	48.800
8333	379213.333	50.050
8334	379263 383	48.800
8335	379312.183	49.567
8336	379361.750	45.358
8337	379407.108	47.717
8338	379454.825	49.142
8339	379503.967	46 125
8340	379550.092	47.858
8341	379597.950	48.092
8342	379646.042	39.108
8343	379685.150	48 350
8344	379733.500	48.225
8345	379781.725	51.467
8346	379833 192	41.675
8347	379874.867	46.008
8348	379920.875	48.767
8349	379969.642	47.342
8350	380016.983	48.958
8351	380065.942	49.133
8352	380115.075	48.042

Weld	Distance (ft.)	Joint Length (ft.)
8353	380163.117	48.583
8354	380211 700	47.008
8355	380258.708	45.233
8356	380303.942	40.717
8357	380344.658	49 808
8358	380394 467	49.633
8359	380444.100	48.308
8360	380492.408	49.233
8361	380541.642	47.067
8362	380588.708	47.950
8363	380636.658	48.542
8364	380685.200	44.633
8365	380729.833	47.225
8366	380777.058	50.317
8367	380827.375	50.067
8368	380877.442	48.867
8369	380926.308	48.667
8370	380974 975	47.125
8371	381022.100	45 350
8372	381067.450	48 700
8373	381116.150	49 442
8374	381165.592	47.733
8375	381213.325	41.158
8376	381254.483	48.717
8377	381303.200	44.500
8378	381347.700	15.242
8379	381362.942	48.958
8380	381411.900	1.975
8381	381413.875	33.375
8382	381447.250	1.808
8383	381449.058	4.667
8384	381453.725	3.558
8385	381457.283	18.267
8386	381475.550	26.725
8387	381502.275	4.033
8388	381506.308	23.183
8389	381529 492	22.217
8390	381551 708	19.517
8391	381571 225	40.850
8392	381612.075	44.192
8393	381656.267	9.750
8394	381666.017	9.908
8395	381675.925	4.958
8396	381680.883	36.583
8397	381717.467	27 983
8398	381745.450	26.092
8399	381771.542	30.500
8400	381802.042	43.358
8401	381845.400	39.033
8402	381884.433	40.975
8403	381925.408	26.417
8404	381951 825	38.983
8405	381990 808	22.542
8406	382013 350	44.167
8407	382057.517	30.150
8408	382087.667	42.008
8409	382129.675	39.500
8410	382169 175	31.900

Weld	Distance (ft.)	Joint Length (ft.)
8411	382201.075	43.342
8412	382244.417	41.125
8413	382285.542	30.142
8414	382315.683	34.867
8415	382350.550	43.667
8416	382394.217	36 675
8417	382430.892	42.625
8418	382473 517	23.333
8419	382496 850	31.642
8420	382528.492	36.392
8421	382564.883	23.633
8422	382588.517	37.283
8423	382625.800	33.525
8424	382659.325	34.475
8425	382693.800	39.500
8426	382733.300	37.017
8427	382770.317	29.492
8428	382799.808	36.700
8429	382836.508	35.625
8430	382872.133	40.475
8431	382912.608	44.500
8432	382957.108	39.117
8433	382996.225	34.317
8434	383030.542	42.950
8435	383073.492	43.758
8436	383117.250	42.875
8437	383160.125	42.725
8438	383202.850	43.258
8439	383246.108	15 325
8440	383261.433	39.825
8441	383301.258	42.050
8442	383343.308	42.842
8443	383386.150	42 733
8444	383428.883	2.025
8445	383430.908	40.200
8446	383471.108	49.417
8447	383520.525	43.450
8448	383563.975	45.358
8449	383609.333	48.917
8450	383658.250	49.700
8451	383707.950	47.067
8452	383755 017	50.400
8453	383805.417	49.442
8454	383854.858	2.533
8455	383857.392	9.133
8456	383866.525	2.967
8457	383869.492	2 217
8458	383871.708	3.475
8459	383875.183	1.417
8460	383876.600	5.958
8461	383882.558	1.067
8462	383883.625	4.800
8463	383888.425	1.975
8464	383890.400	2 708
8465	383893.108	5.758
8466	383898.867	49.583
8467	383948.450	47.017
8468	383995.467	50 475

Weld	Distance (ft.)	Joint Length (ft.)
8469	384045.942	48.350
8470	384094.292	46.825
8471	384141.117	48.600
8472	384189.717	45.225
8473	384234.942	47.308
8474	384282 250	49 608
8475	384331.858	45.825
8476	384377.683	49.150
8477	384426.833	49.150
8478	384475.983	46.892
8479	384522.875	48.758
8480	384571.633	49.750
8481	384621.383	41.450
8482	384662.833	46.917
8483	384709.750	49.900
8484	384759.650	50.025
8485	384809.675	52.067
8486	384861 742	46 092
8487	384907.833	46 050
8488	384953.883	46 583
8489	385000.467	45.675
8490	385046.142	49.508
8491	385095.650	49.275
8492	385144.925	49.650
8493	385194.575	46.567
8494	385241.142	33.775
8495	385274.917	47.333
8496	385322.250	7.125
8497	385329.375	7.267
8498	385336.642	49.383
8499	385386.025	10.558
8500	385396.583	49.892
8501	385446.475	50.083
8502	385496 558	45.075
8503	385541.633	45.100
8504	385586.733	50.625
8505	385637.358	49.075
8506	385686.433	47.000
8507	385733.433	50.825
8508	385784.258	49.458
8509	385833.717	47.833
8510	385881.550	50.750
8511	385932 300	49.750
8512	385982.050	49.050
8513	386031.100	49.250
8514	386080.350	45.042
8515	386125.392	47.942
8516	386173.333	46.825
8517	386220 158	46.767
8518	386266.925	48.708
8519	386315.633	47.950
8520	386363.583	46.150
8521	386409.733	46.883
8522	386456.617	46.833
8523	386503.450	51.408
8524	386554 858	43.950
8525	386598.808	45.858
8526	386644.667	46.458

Weld	Distance (ft.)	Joint Length (ft.)
8527	386691.125	47.233
8528	386738.358	49.317
8529	386787.675	19.492
8530	386807 167	48.508
8531	386855.675	48.475
8532	386904.150	46.358
8533	386950.508	50.075
8534	387000.583	45.750
8535	387046.333	48.192
8536	387094.525	45.633
8537	387140.158	46.092
8538	387186.250	44 775
8539	387231.025	46.658
8540	387277.683	46.458
8541	387324 142	49.350
8542	387373.492	44.492
8543	387417.983	45.300
8544	387463.283	47 925
8545	387511.208	47.508
8546	387558.717	40.983
8547	387599.700	43.733
8548	387643.433	44.858
8549	387688.292	47 958
8550	387736.250	44.400
8551	387780 650	48.283
8552	387828.933	45 975
8553	387874.908	46.250
8554	387921.158	46.692
8555	387967.850	41.400
8556	388009.250	44.925
8557	388054.175	47.150
8558	388101.325	48.483
8559	388149.808	46.275
8560	388196 083	48.042
8561	388244.125	44.108
8562	388288.233	47.258
8563	388335.492	44.658
8564	388380.150	44.533
8565	388424.683	49.158
8566	388473 842	48.700
8567	388522 542	48.700
8568	388571.242	47.717
8569	388618.958	49.158
8570	388668.117	42.375
8571	388710.492	46.133
8572	388756.625	48.075
8573	388804.700	46.658
8574	388851 358	47.525
8575	388898.883	25.200
8576	388924.083	50.075
8577	388974.158	44.817
8578	389018.975	47.317
8579	389066.292	44 758
8580	389111.050	47.650
8581	389158.700	43.967
8582	389202.667	43.817
8583	389246.483	46.675
8584	389293.158	50.833

Weld	Distance (ft.)	Joint Length (ft.)
8585	389343.992	48.992
8586	389392.983	47.958
8587	389440 942	46.350
8588	389487.292	49.383
8589	389536.675	46.550
8590	389583.225	47.225
8591	389630.450	48.383
8592	389678.833	41.775
8593	389720 608	46.092
8594	389766 700	47.558
8595	389814 258	48.025
8596	389862.283	47.883
8597	389910.167	48.258
8598	389958 425	48.433
8599	390006.858	48 933
8600	390055 792	47.025
8601	390102 817	46.367
8602	390149.183	47.842
8603	390197.025	49.592
8604	390246.617	47.475
8605	390294 092	46.575
8606	390340.667	47.850
8607	390388.517	47.267
8608	390435.783	48.700
8609	390484 483	46.458
8610	390530.942	23.850
8611	390554.792	47.075
8612	390601.867	47.933
8613	390649 800	42.350
8614	390692.150	48.075
8615	390740.225	48.125
8616	390788.350	24.358
8617	390812.708	48.575
8618	390861 283	46 567
8619	390907.850	49.108
8620	390956.958	46.642
8621	391003.600	49.292
8622	391052.892	48.350
8623	391101 242	48.033
8624	391149.275	48.850
8625	391198 125	46.942
8626	391245.067	47.775
8627	391292.842	45.583
8628	391338.425	48.258
8629	391386.683	43.458
8630	391430.142	46.458
8631	391476.600	48.292
8632	391524.892	50.242
8633	391575.133	46.900
8634	391622.033	46.942
8635	391668.975	51.725
8636	391720.700	49.025
8637	391769.725	47.500
8638	391817.225	48.475
8639	391865.700	46.667
8640	391912.367	48.617
8641	391960.983	45.483
8642	392006 467	29 992

Weld	Distance (ft.)	Joint Length (ft.)
8643	392036.458	47.150
8644	392083.608	49.908
8645	392133.517	47.858
8646	392181.375	47.325
8647	392228.700	49.458
8648	392278.158	46.700
8649	392324.858	48.433
8650	392373.292	44.975
8651	392418.267	47.767
8652	392466.033	23.475
8653	392489.508	48.317
8654	392537.825	49.675
8655	392587.500	48.550
8656	392636.050	47.542
8657	392683.592	48.767
8658	392732.358	50.167
8659	392782.525	48.942
8660	392831.467	48.858
8661	392880.325	42.033
8662	392922.358	47.133
8663	392969.492	48.508
8664	393018.000	46.792
8665	393064.792	47.725
8666	393112.517	36 308
8667	393148.825	49.542
8668	393198.367	48.275
8669	393246 642	43.408
8670	393290 050	47.800
8671	393337.850	48 033
8672	393385.883	47.725
8673	393433.608	51.233
8674	393484.842	46.975
8675	393531.817	49.392
8676	393581.208	45.725
8677	393626.933	48.967
8678	393675 900	46.267
8679	393722 167	50.608
8680	393772.775	47 283
8681	393820.058	3.208
8682	393823.267	51.617
8683	393874.883	46.150
8684	393921.033	48 867
8685	393969.900	49.075
8686	394018 975	38.858
8687	394057 833	49.875
8688	394107.708	49.258
8689	394156.967	47.675
8690	394204 642	48.158
8691	394252.800	47.383
8692	394300.183	49.042
8693	394349.225	50.467
8694	394399.692	45.183
8695	394444 875	48 883
8696	394493.758	48.233
8697	394541.992	47.417
8698	394589.408	50.500
8699	394639.908	47.583
8700	394687.492	50.592

Weld	Distance (ft.)	Joint Length (ft.)
8701	394738 083	50.317
8702	394788.400	49.417
8703	394837 817	46.408
8704	394884.225	48.933
8705	394933.158	42 383
8706	394975.542	47.325
8707	395022.867	28.550
8708	395051.417	45.025
8709	395096.442	48.642
8710	395145.083	50.467
8711	395195.550	44.258
8712	395239.808	47.658
8713	395287.467	49.292
8714	395336.758	48.917
8715	395385 675	47.658
8716	395433.333	37.533
8717	395470.867	50.775
8718	395521 642	49 692
8719	395571.333	45.733
8720	395617.067	49.983
8721	395667.050	49.750
8722	395716.800	42.450
8723	395759.250	49.308
8724	395808.558	46.575
8725	395855 133	49.825
8726	395904 958	46.383
8727	395951 342	51.617
8728	396002.958	48.850
8729	396051.808	49.683
8730	396101.492	50.008
8731	396151.500	48.333
8732	396199.833	48.350
8733	396248.183	48.983
8734	396297 167	38.017
8735	396335.183	47.817
8736	396383.000	48.017
8737	396431.017	50.142
8738	396481.158	49.800
8739	396530 958	48.925
8740	396579 883	50.083
8741	396629 967	45.925
8742	396675 892	48.983
8743	396724.875	49.492
8744	396774.367	48.508
8745	396822.875	47.425
8746	396870.300	47.208
8747	396917 508	48.983
8748	396966.492	48.650
8749	397015.142	48.100
8750	397063.242	50.225
8751	397113.467	49.983
8752	397163.450	44.325
8753	397207.775	11 733
8754	397219.508	11 158
8755	397230.667	11.767
8756	397242.433	46.217
8757	397288.650	49.400
8758	397338.050	46 333

Weld	Distance (ft.)	Joint Length (ft.)
8759	397384.383	16.783
8760	397401.167	47.100
8761	397448.267	41.033
8762	397489.300	47.708
8763	397537.008	49.250
8764	397586.258	50.475
8765	397636.733	47.600
8766	397684.333	40.758
8767	397725.092	19.625
8768	397744.717	6.592
8769	397751 308	8.892
8770	397760.200	9.375
8771	397769.575	7.425
8772	397777.000	9.050
8773	397786.050	10.933
8774	397796.983	49 400
8775	397846.383	48.008
8776	397894.392	47.892
8777	397942.283	46.917
8778	397989 200	51.167
8779	398040.367	49.233
8780	398089.600	47.483
8781	398137.083	49.750
8782	398186.833	49.950
8783	398236.783	48 958
8784	398285.742	47.342
8785	398333.083	46.058
8786	398379.142	50.192
8787	398429.333	46.283
8788	398475.617	51.408
8789	398527.025	47.067
8790	398574.092	46 008
8791	398620.100	49.267
8792	398669.367	48.167
8793	398717.533	46.967
8794	398764.500	46.800
8795	398811.300	50.392
8796	398861.692	49.208
8797	398910.900	44.575
8798	398955.475	46.225
8799	399001.700	47.325
8800	399049.025	49.750
8801	399098.775	49.267
8802	399148.042	49.475
8803	399197.517	48.767
8804	399246.283	49.875
8805	399296.158	48.392
8806	399344.550	50.742
8807	399395 292	49.583
8808	399444.875	49.317
8809	399494.192	47.242
8810	399541.433	48.433
8811	399589.867	44.258
8812	399634 125	44.242
8813	399678.367	48.183
8814	399726.550	46.367
8815	399772.917	51.192
8816	399824 108	48.158

Weld	Distance (ft.)	Joint Length (ft.)
8817	399872.267	49.408
8818	399921.675	49.875
8819	399971.550	48.175
8820	400019.725	50.875
8821	400070.600	51.050
8822	400121.650	48.525
8823	400170.175	44.833
8824	400215.008	49.675
8825	400264.683	46.467
8826	400311.150	48.833
8827	400359.983	49.108
8828	400409 092	46.308
8829	400455.400	50.050
8830	400505.450	48.792
8831	400554.242	50.367
8832	400604.608	50.850
8833	400655.458	12.550
8834	400668.008	49.092
8835	400717.100	50.383
8836	400767.483	49.275
8837	400816.758	46.300
8838	400863.058	46.642
8839	400909.700	48.642
8840	400958.342	48.033
8841	401006.375	42.767
8842	401049.142	49.583
8843	401098.725	49.975
8844	401148.700	49.017
8845	401197.717	48.525
8846	401246.242	47.133
8847	401293.375	47.875
8848	401341.250	47.333
8849	401388.583	47.525
8850	401436.108	50.842
8851	401486.950	44.767
8852	401531.717	46.675
8853	401578.392	45.367
8854	401623.758	49.633
8855	401673.392	48.267
8856	401721.658	49.583
8857	401771.242	48.000
8858	401819.242	46.867
8859	401866.108	47.483
8860	401913.592	47.058
8861	401960.650	47.975
8862	402008.625	46.967
8863	402055.592	47.083
8864	402102.675	49.808
8865	402152.483	45.600
8866	402198.083	49.558
8867	402247.642	42.383
8868	402290.025	38.650
8869	402328.675	47.667
8870	402376.342	50.733
8871	402427.075	46.692
8872	402473.767	11.433
8873	402485.200	44.783
8874	402529.983	43.042

Weld	Distance (ft.)	Joint Length (ft.)
8875	402573 025	51.600
8876	402624.625	50.642
8877	402675.267	42.975
8878	402718.242	48 117
8879	402766.358	49.892
8880	402816.250	50.142
8881	402866.392	48.933
8882	402915.325	47.017
8883	402962.342	12.142
8884	402974.483	49.567
8885	403024.050	45.825
8886	403069 875	48.742
8887	403118.617	48.667
8888	403167.283	49.900
8889	403217.183	48.842
8890	403266.025	49.067
8891	403315 092	47.842
8892	403362.933	49.567
8893	403412.500	48.400
8894	403460 900	43.408
8895	403504.308	48.742
8896	403553.050	46.858
8897	403599.908	49.075
8898	403648.983	49.225
8899	403698.208	51 033
8900	403749.242	48.492
8901	403797.733	49.633
8902	403847 367	48.267
8903	403895.633	48 200
8904	403943.833	50 367
8905	403994.200	48.750
8906	404042 950	47.108
8907	404090.058	45.467
8908	404135.525	50.958
8909	404186.483	47.483
8910	404233.967	49.008
8911	404282.975	49 050
8912	404332.025	47.433
8913	404379.458	50.558
8914	404430.017	49 433
8915	404479.450	35.400
8916	404514.850	47.308
8917	404562.158	48.750
8918	404610.908	48.825
8919	404659 733	49.117
8920	404708.850	51.708
8921	404760.558	44.383
8922	404804.942	48.025
8923	404852.967	49.517
8924	404902.483	50 550
8925	404953.033	49.000
8926	405002.033	48.025
8927	405050.058	43.600
8928	405093.658	48.725
8929	405142.383	44.842
8930	405187.225	49 383
8931	405236.608	51.192
8932	405287.800	49.367

Weld	Distance (ft.)	Joint Length (ft.)
8933	405337.167	46.833
8934	405384.000	48.075
8935	405432.075	49.242
8936	405481.317	49 433
8937	405530.750	50.508
8938	405581.258	44.950
8939	405626.208	49.642
8940	405675.850	48.117
8941	405723 967	48 708
8942	405772.675	47.442
8943	405820.117	49.325
8944	405869.442	48.192
8945	405917.633	48 883
8946	405966 517	46 650
8947	406013.167	47.708
8948	406060.875	49.167
8949	406110.042	47.483
8950	406157.525	37.242
8951	406194.767	47.658
8952	406242.425	48.583
8953	406291.008	47.792
8954	406338.800	41.733
8955	406380.533	47.375
8956	406427.908	48.525
8957	406476.433	43.825
8958	406520.258	48.017
8959	406568.275	49.425
8960	406617.700	45.042
8961	406662.742	48.817
8962	406711.558	50.083
8963	406761.642	48.067
8964	406809.708	49.767
8965	406859.475	32 275
8966	406891.750	45.750
8967	406937.500	48.633
8968	406986.133	12.833
8969	406998 967	48 100
8970	407047.067	47.642
8971	407094.708	49.042
8972	407143 750	48.758
8973	407192.508	49.425
8974	407241.933	48.200
8975	407290.133	44.642
8976	407334.775	49.858
8977	407384.633	48.750
8978	407433.383	43.683
8979	407477.067	47.367
8980	407524.433	47.075
8981	407571.508	49.617
8982	407621.125	47.908
8983	407669.033	50.067
8984	407719.100	47.617
8985	407766 717	47.617
8986	407814.333	50.025
8987	407864.358	51.300
8988	407915.658	48.983
8989	407964.642	49 208
8990	408013.850	49.350

Weld	Distance (ft.)	Joint Length (ft.)
8991	408063.200	49.583
8992	408112.783	45.442
8993	408158.225	50.267
8994	408208.492	13.592
8995	408222.083	50.208
8996	408272.292	50.150
8997	408322.442	48.167
8998	408370.608	48.692
8999	408419.300	47.450
9000	408466.750	47.383
9001	408514.133	50.250
9002	408564.383	49.800
9003	408614.183	50.225
9004	408664.408	48.908
9005	408713.317	47.975
9006	408761.292	50.592
9007	408811.883	6.717
9008	408818.600	6.175
9009	408824.775	49.767
9010	408874.542	49.133
9011	408923.675	47.925
9012	408971.600	50.883
9013	409022 483	39.275
9014	409061.758	50.475
9015	409112.233	11.308
9016	409123.542	47.575
9017	409171.117	44.942
9018	409216.058	47.558
9019	409263.617	44.517
9020	409308.133	49.325
9021	409357 458	39.150
9022	409396.608	49.200
9023	409445.808	48.242
9024	409494.050	49.367
9025	409543 417	49.133
9026	409592.550	45.650
9027	409638.200	50.183
9028	409688 383	42 175
9029	409730.558	49.500
9030	409780.058	48.150
9031	409828.208	47.933
9032	409876.142	47.392
9033	409923.533	50.208
9034	409973.742	49.983
9035	410023 725	45.525
9036	410069.250	48.908
9037	410118.158	43.958
9038	410162.117	48.025
9039	410210.142	48.050
9040	410258.192	48.683
9041	410306.875	45.017
9042	410351.892	45 292
9043	410397.183	48.967
9044	410446.150	47.217
9045	410493.367	47.725
9046	410541.092	50.192
9047	410591 283	49.258
9048	410640.542	47.883

Weld	Distance (ft.)	Joint Length (ft.)
9049	410688.425	48.325
9050	410736.750	49.558
9051	410786.308	46.292
9052	410832.600	45.442
9053	410878.042	45.833
9054	410923.875	49.258
9055	410973.133	48.450
9056	411021.583	47.567
9057	411069.150	49.400
9058	411118.550	49.475
9059	411168 025	45 375
9060	411213.400	46.108
9061	411259.508	47.533
9062	411307.042	49.658
9063	411356.700	46.967
9064	411403.667	49.875
9065	411453.542	43.667
9066	411497.208	47.833
9067	411545.042	48.400
9068	411593.442	46.975
9069	411640.417	49.467
9070	411689 883	47.367
9071	411737.250	49.150
9072	411786.400	44.717
9073	411831.117	49.967
9074	411881.083	43.725
9075	411924.808	48.992
9076	411973 800	48.925
9077	412022 725	49.375
9078	412072.100	48.550
9079	412120.650	48.992
9080	412169.642	47.375
9081	412217.017	47.592
9082	412264.608	46.625
9083	412311.233	47 092
9084	412358.325	49 083
9085	412407.408	47.933
9086	412455 342	49.058
9087	412504.400	46.467
9088	412550.867	49.592
9089	412600.458	41.708
9090	412642 167	49.708
9091	412691.875	49.292
9092	412741 167	48.175
9093	412789.342	45.058
9094	412834.400	43.233
9095	412877.633	48.658
9096	412926.292	48 525
9097	412974 817	50.058
9098	413024.875	49.467
9099	413074.342	47.017
9100	413121.358	42.658
9101	413164.017	44.925
9102	413208.942	44 750
9103	413253 692	46.192
9104	413299.883	49.975
9105	413349.858	37 575
9106	413387.433	50 908

Weld	Distance (ft.)	Joint Length (ft.)
9107	413438.342	46.767
9108	413485.108	16.775
9109	413501.883	25.708
9110	413527.592	32.500
9111	413560.092	48.925
9112	413609 017	49.267
9113	413658.283	45.308
9114	413703.592	46 458
9115	413750.050	49.717
9116	413799.767	47.775
9117	413847.542	45.925
9118	413893.467	46.567
9119	413940.033	45.025
9120	413985.058	46.292
9121	414031.350	41.342
9122	414072.692	23.800
9123	414096.492	45.675
9124	414142.167	48 908
9125	414191.075	46.658
9126	414237.733	49.633
9127	414287.367	43.558
9128	414330.925	46.875
9129	414377.800	46.058
9130	414423 858	46.108
9131	414469 967	50.200
9132	414520.167	48.050
9133	414568.217	45.475
9134	414613.692	46.617
9135	414660.308	49.267
9136	414709.575	49.067
9137	414758.642	51.167
9138	414809.808	45.475
9139	414855 283	47.583
9140	414902.867	43.992
9141	414946.858	48.442
9142	414995.300	48.417
9143	415043.717	52.008
9144	415095.725	21.608
9145	415117.333	44.900
9146	415162.233	43.583
9147	415205.817	49.833
9148	415255.650	48.233
9149	415303.883	46.400
9150	415350.283	46.017
9151	415396 300	44.308
9152	415440.608	48.967
9153	415489.575	44.100
9154	415533.675	47.117
9155	415580.792	47.467
9156	415628.258	46.308
9157	415674.567	46 900
9158	415721.467	47 117
9159	415768.583	45.250
9160	415813.833	44.692
9161	415858.525	46.667
9162	415905.192	48 308
9163	415953.500	42.808
9164	415996.308	48.383

Weld	Distance (ft.)	Joint Length (ft.)
9165	416044.692	48.808
9166	416093.500	45.650
9167	416139.150	46.800
9168	416185.950	48.933
9169	416234.883	46 092
9170	416280.975	45.550
9171	416326.525	50.317
9172	416376.842	47.458
9173	416424.300	43.883
9174	416468.183	5.767
9175	416473.950	3.067
9176	416477.017	47.142
9177	416524 158	44.508
9178	416568.667	46.400
9179	416615.067	47.342
9180	416662.408	48.842
9181	416711.250	51.725
9182	416762.975	45.275
9183	416808.250	43.342
9184	416851.592	46.642
9185	416898 233	5.950
9186	416904.183	4.000
9187	416908.183	5.308
9188	416913.492	4 542
9189	416918.033	5 667
9190	416923.700	4.675
9191	416928.375	5.175
9192	416933.550	4.892
9193	416938.442	5.783
9194	416944.225	41 333
9195	416985.558	50.342
9196	417035.900	49.892
9197	417085.792	47.342
9198	417133.133	50.600
9199	417183 733	49.483
9200	417233.217	49.925
9201	417283.142	50.142
9202	417333.283	47 817
9203	417381.100	34.717
9204	417415.817	46.708
9205	417462 525	50.658
9206	417513.183	45.825
9207	417559.008	49.067
9208	417608.075	49.383
9209	417657.458	49.483
9210	417706.942	46.250
9211	417753 192	48.733
9212	417801.925	44.042
9213	417845.967	13.825
9214	417859.792	49.342
9215	417909.133	45.158
9216	417954.292	49.200
9217	418003.492	45.933
9218	418049.425	48.942
9219	418098.367	34.808
9220	418133.175	48.100
9221	418181.275	45.917
9222	418227.192	11.817

Weld	Distance (ft.)	Joint Length (ft.)
9223	418239.008	50.617
9224	418289.625	48.358
9225	418337.983	48.442
9226	418386.425	48.608
9227	418435.033	45.342
9228	418480.375	46.233
9229	418526.608	45.375
9230	418571.983	20.608
9231	418592.592	47.383
9232	418639.975	46.217
9233	418686 192	49.300
9234	418735.492	10 458
9235	418745 950	47.675
9236	418793.625	45.892
9237	418839.517	42.983
9238	418882.500	45.067
9239	418927.567	50 225
9240	418977 792	50.025
9241	419027.817	51.000
9242	419078.817	45.667
9243	419124.483	49.783
9244	419174.267	50.483
9245	419224.750	27.025
9246	419251.775	43.250
9247	419295.025	47.958
9248	419342.983	50.275
9249	419393.258	46.433
9250	419439.692	46.033
9251	419485.725	48.208
9252	419533 933	47.442
9253	419581.375	45.592
9254	419626.967	50.175
9255	419677.142	50.133
9256	419727.275	40.300
9257	419767.575	46.658
9258	419814.233	9.750
9259	419823.983	49.675
9260	419873.658	47.575
9261	419921.233	35.050
9262	419956.283	47 583
9263	420003.867	51.575
9264	420055.442	42.800
9265	420098.242	46 567
9266	420144.808	18.075
9267	420162 883	49.750
9268	420212.633	49.258
9269	420261.892	49.442
9270	420311.333	45.775
9271	420357.108	40.425
9272	420397.533	49.600
9273	420447.133	50.517
9274	420497 650	41.317
9275	420538.967	46.792
9276	420585.758	47 667
9277	420633.425	47.042
9278	420680 467	47.875
9279	420728.342	35 025
9280	420763.367	46.633

Weld	Distance (ft.)	Joint Length (ft.)
9281	420810.000	12.283
9282	420822.283	49.092
9283	420871.375	50.250
9284	420921.625	47 183
9285	420968.808	48.808
9286	421017.617	48.392
9287	421066.008	49.083
9288	421115.092	45.150
9289	421160 242	40.833
9290	421201 075	44.492
9291	421245 567	50.783
9292	421296 350	49.825
9293	421346.175	47.458
9294	421393.633	12.750
9295	421406.383	46.425
9296	421452.808	47.633
9297	421500 442	47 067
9298	421547.508	47.475
9299	421594.983	49.308
9300	421644.292	49.333
9301	421693 625	45.383
9302	421739 008	45 192
9303	421784.200	49.017
9304	421833.217	44.867
9305	421878 083	50 325
9306	421928 408	43.750
9307	421972.158	42.283
9308	422014.442	49.400
9309	422063.842	47.542
9310	422111 383	36 425
9311	422147.808	42.842
9312	422190.650	50.758
9313	422241.408	48.525
9314	422289 933	48.117
9315	422338.050	50.192
9316	422388.242	48.092
9317	422436.333	49.242
9318	422485.575	49.708
9319	422535.283	49.508
9320	422584.792	47.050
9321	422631.842	47.383
9322	422679.225	46.242
9323	422725 467	49 000
9324	422774.467	47.558
9325	422822 025	49.392
9326	422871.417	46.967
9327	422918.383	48.208
9328	422966.592	49.425
9329	423016 017	49.375
9330	423065 392	48 792
9331	423114.183	48.025
9332	423162.208	48.767
9333	423210.975	48 875
9334	423259.850	46.150
9335	423306.000	48.650
9336	423354.650	46.675
9337	423401.325	48.483
9338	423449.808	48.733

Weld	Distance (ft.)	Joint Length (ft.)
9339	423498.542	47.083
9340	423545.625	47.558
9341	423593 183	48.125
9342	423641.308	49.042
9343	423690.350	26.633
9344	423716.983	49.792
9345	423766.775	46.242
9346	423813.017	50.267
9347	423863.283	50.017
9348	423913.300	40 667
9349	423953.967	46 475
9350	424000.442	48 083
9351	424048.525	48.208
9352	424096.733	49.092
9353	424145.825	49.033
9354	424194 858	51.150
9355	424246.008	46.642
9356	424292.650	49 350
9357	424342.000	47.050
9358	424389 050	49.567
9359	424438.617	48.500
9360	424487.117	48.625
9361	424535.742	49.842
9362	424585.583	46.542
9363	424632 125	45.133
9364	424677.258	49 958
9365	424727.217	44 508
9366	424771.725	46.767
9367	424818.492	9.475
9368	424827 967	50.642
9369	424878.608	49 783
9370	424928.392	47.100
9371	424975.492	49.450
9372	425024 942	44.850
9373	425069.792	47.883
9374	425117.675	48.025
9375	425165.700	45.083
9376	425210.783	47.425
9377	425258.208	46.933
9378	425305.142	45.492
9379	425350.633	45.317
9380	425395 950	51.233
9381	425447.183	49.942
9382	425497.125	50.867
9383	425547.992	43.125
9384	425591.117	47.067
9385	425638.183	46.658
9386	425684.842	48.317
9387	425733.158	45.942
9388	425779.100	49.933
9389	425829.033	50.067
9390	425879.100	47.358
9391	425926 458	46.617
9392	425973 075	47.117
9393	426020.192	46.167
9394	426066.358	49.525
9395	426115 883	48.158
9396	426164.042	4.992

Weld	Distance (ft.)	Joint Length (ft.)
9397	426169.033	49.417
9398	426218.450	46.708
9399	426265.158	49.492
9400	426314.650	44.642
9401	426359 292	48.192
9402	426407 483	49.042
9403	426456 525	42.967
9404	426499 492	47.850
9405	426547.342	45.300
9406	426592.642	49.200
9407	426641.842	46.600
9408	426688.442	43.942
9409	426732 383	48.592
9410	426780 975	48.425
9411	426829.400	48 800
9412	426878 200	49.892
9413	426928.092	48.883
9414	426976.975	46.975
9415	427023.950	47.008
9416	427070.958	48.142
9417	427119.100	45.867
9418	427164.967	48.475
9419	427213.442	49 358
9420	427262.800	47 675
9421	427310.475	42 758
9422	427353.233	48.267
9423	427401.500	49.383
9424	427450.883	44.708
9425	427495.592	48.208
9426	427543 800	43.833
9427	427587.633	47.633
9428	427635.267	32.975
9429	427668.242	46.742
9430	427714.983	13.358
9431	427728.342	46.317
9432	427774 658	49.267
9433	427823.925	49 975
9434	427873.900	43 833
9435	427917.733	3.475
9436	427921.208	34.617
9437	427955.825	50.442
9438	428006.267	50 058
9439	428056.325	48.333
9440	428104.658	47.083
9441	428151.742	48.575
9442	428200.317	47.008
9443	428247.325	50.892
9444	428298.217	43.833
9445	428342.050	48 183
9446	428390 233	11.533
9447	428401.767	48.325
9448	428450.092	49.067
9449	428499 158	46.233
9450	428545 392	45.625
9451	428591.017	45.775
9452	428636.792	44.183
9453	428680.975	45.933
9454	428726.908	45.842

Weld	Distance (ft.)	Joint Length (ft.)
9455	428772.750	48.492
9456	428821.242	47.017
9457	428868.258	49.000
9458	428917.258	3.917
9459	428921.175	43.533
9460	428964.708	46.842
9461	429011.550	45.275
9462	429056.825	49.575
9463	429106.400	51 850
9464	429158.250	48.167
9465	429206.417	50.142
9466	429256.558	46.275
9467	429302.833	46.108
9468	429348.942	48.975
9469	429397.917	49.092
9470	429447.008	41.925
9471	429488.933	44.800
9472	429533.733	48.508
9473	429582.242	48.108
9474	429630.350	46.725
9475	429677.075	45.242
9476	429722 317	47.875
9477	429770.192	50.317
9478	429820.508	47.283
9479	429867.792	47.750
9480	429915.542	50 250
9481	429965.792	44.917
9482	430010.708	48.733
9483	430059.442	51.117
9484	430110.558	49.117
9485	430159.675	41 458
9486	430201.133	46.550
9487	430247.683	23.225
9488	430270.908	46.375
9489	430317.283	44.575
9490	430361.858	44.125
9491	430405.983	45 767
9492	430451.750	50.000
9493	430501.750	44.892
9494	430546.642	50.183
9495	430596.825	46.600
9496	430643.425	47.717
9497	430691.142	22.617
9498	430713.758	48.692
9499	430762.450	48.300
9500	430810.750	51.900
9501	430862.650	48.067
9502	430910.717	48.508
9503	430959.225	49.717
9504	431008.942	47 950
9505	431056.892	49.942
9506	431106.833	48.892
9507	431155.725	47.533
9508	431203.258	45 575
9509	431248.833	47.133
9510	431295.967	46.792
9511	431342.758	50.183
9512	431392.942	46.842

Weld	Distance (ft.)	Joint Length (ft.)
9513	431439.783	48.825
9514	431488.608	49 550
9515	431538.158	48.175
9516	431586.333	46.808
9517	431633 142	46.142
9518	431679.283	47.983
9519	431727.267	49.492
9520	431776.758	48.258
9521	431825.017	45.075
9522	431870.092	49.908
9523	431920.000	35 033
9524	431955.033	48.608
9525	432003 642	47.908
9526	432051.550	50.142
9527	432101.692	47.783
9528	432149.475	50.250
9529	432199.725	47.283
9530	432247.008	49.317
9531	432296.325	47 175
9532	432343.500	45 500
9533	432389.000	48.175
9534	432437.175	43.283
9535	432480.458	48.592
9536	432529.050	51.375
9537	432580.425	46.658
9538	432627.083	43.750
9539	432670.833	46.192
9540	432717.025	29.375
9541	432746.400	49.892
9542	432796.292	46.967
9543	432843.258	49.175
9544	432892.433	48.017
9545	432940.450	49 700
9546	432990.150	49.050
9547	433039.200	48.467
9548	433087.667	49.433
9549	433137.100	46.658
9550	433183.758	47.525
9551	433231.283	48.608
9552	433279.892	45.783
9553	433325.675	50.900
9554	433376.575	46.975
9555	433423.550	51.500
9556	433475.050	48.683
9557	433523.733	48.350
9558	433572.083	45.717
9559	433617.800	35 950
9560	433653.750	42.858
9561	433696.608	5.892
9562	433702.500	49.650
9563	433752.150	48 192
9564	433800.342	47 800
9565	433848.142	48.325
9566	433896.467	45.325
9567	433941.792	45.767
9568	433987.558	48.092
9569	434035.650	47.583
9570	434083.233	49.683

Weld	Distance (ft.)	Joint Length (ft.)
9571	434132.917	45.842
9572	434178.758	50.225
9573	434228 983	46.008
9574	434274.992	47.642
9575	434322.633	49.258
9576	434371.892	47 917
9577	434419.808	47.733
9578	434467.542	47.542
9579	434515.083	46.650
9580	434561.733	39.425
9581	434601.158	44.408
9582	434645 567	50.083
9583	434695.650	48.567
9584	434744.217	44.108
9585	434788.325	45.967
9586	434834.292	48.717
9587	434883 008	43 667
9588	434926.675	50.692
9589	434977.367	49.083
9590	435026.450	49.958
9591	435076.408	50.258
9592	435126.667	49.225
9593	435175.892	50 700
9594	435226.592	48.275
9595	435274.867	48.808
9596	435323.675	45.975
9597	435369.650	49.817
9598	435419.467	43.000
9599	435462.467	44.283
9600	435506 750	50.217
9601	435556.967	48.608
9602	435605.575	17.092
9603	435622.667	50.792
9604	435673 458	46.267
9605	435719.725	45.592
9606	435765.317	41.008
9607	435806.325	47.250
9608	435853.575	49.092
9609	435902.667	49.158
9610	435951.825	48 167
9611	435999.992	46.050
9612	436046.042	44.317
9613	436090.358	48 900
9614	436139.258	49.125
9615	436188.383	47.475
9616	436235.858	47.225
9617	436283 083	48.750
9618	436331.833	35.583
9619	436367.417	43.992
9620	436411.408	44.092
9621	436455.500	48.425
9622	436503.925	45.633
9623	436549.558	47.367
9624	436596 925	49.175
9625	436646.100	49.600
9626	436695.700	46.025
9627	436741 725	50.108
9628	436791.833	48.867

Weld	Distance (ft.)	Joint Length (ft.)
9629	436840.700	48.050
9630	436888.750	50.692
9631	436939 442	49.608
9632	436989.050	42.708
9633	437031.758	10.617
9634	437042.375	49.417
9635	437091.792	48.142
9636	437139.933	44.608
9637	437184.542	11.100
9638	437195.642	48.542
9639	437244.183	50.000
9640	437294.183	46 325
9641	437340.508	47.867
9642	437388.375	38.750
9643	437427.125	45.842
9644	437472.967	46.083
9645	437519.050	5.467
9646	437524.517	48.792
9647	437573.308	48.017
9648	437621.325	49.000
9649	437670.325	50.850
9650	437721.175	37 300
9651	437758.475	30.467
9652	437788.942	49.142
9653	437838 083	49.317
9654	437887 400	48.400
9655	437935.800	46 017
9656	437981.817	48.925
9657	438030.742	46.408
9658	438077.150	48.442
9659	438125.592	45 075
9660	438170.667	45.208
9661	438215.875	49.250
9662	438265.125	45.267
9663	438310.392	48.433
9664	438358.825	47.275
9665	438406.100	47.542
9666	438453.642	44.525
9667	438498.167	48.517
9668	438546 683	49 775
9669	438596.458	49.283
9670	438645.742	48.817
9671	438694 558	47.742
9672	438742.300	50.542
9673	438792.842	50.200
9674	438843.042	46.817
9675	438889.858	47.908
9676	438937.767	49.733
9677	438987.500	47.567
9678	439035 067	49.850
9679	439084 917	45.900
9680	439130.817	46.608
9681	439177.425	46.625
9682	439224.050	48.783
9683	439272.833	48.350
9684	439321 183	49 333
9685	439370.517	48.567
9686	439419.083	48.742

Weld	Distance (ft.)	Joint Length (ft.)
9687	439467.825	48.142
9688	439515.967	45.717
9689	439561.683	48 983
9690	439610.667	48.258
9691	439658 925	49.592
9692	439708.517	47.850
9693	439756.367	50.817
9694	439807.183	51.267
9695	439858.450	45.342
9696	439903.792	50.167
9697	439953.958	49 375
9698	440003.333	49.067
9699	440052.400	49.300
9700	440101.700	46.758
9701	440148.458	43.350
9702	440191.808	50.433
9703	440242.242	47.133
9704	440289.375	51.833
9705	440341.208	47.842
9706	440389.050	50.008
9707	440439.058	44.608
9708	440483.667	48 683
9709	440532.350	49.900
9710	440582.250	50.708
9711	440632.958	45.567
9712	440678.525	50.000
9713	440728.525	50 325
9714	440778.850	18.575
9715	440797.425	49.692
9716	440847.117	48.108
9717	440895.225	49 983
9718	440945.208	49.933
9719	440995.142	49.375
9720	441044.517	51.308
9721	441095.825	46.317
9722	441142.142	48.325
9723	441190.467	49.342
9724	441239 808	49.425
9725	441289.233	43.508
9726	441332.742	49.825
9727	441382.567	48.200
9728	441430.767	50.983
9729	441481.750	49.458
9730	441531.208	50.267
9731	441581.475	49.825
9732	441631 300	47.425
9733	441678.725	9.767
9734	441688.492	43 583
9735	441732 075	40.967
9736	441773.042	49.683
9737	441822.725	47.750
9738	441870.475	50 700
9739	441921.175	50.392
9740	441971 567	47.683
9741	442019.250	49.642
9742	442068.892	48.033
9743	442116.925	49.642
9744	442166.567	48.758

Weld	Distance (ft.)	Joint Length (ft.)
9745	442215 325	49.150
9746	442264.475	49.208
9747	442313.683	47.633
9748	442361.317	47.683
9749	442409.000	50.883
9750	442459 883	47.983
9751	442507 867	36.000
9752	442543.867	50.625
9753	442594.492	50 200
9754	442644.692	49 350
9755	442694.042	49.642
9756	442743.683	34.675
9757	442778.358	50.117
9758	442828.475	49.092
9759	442877.567	47.942
9760	442925 508	50.308
9761	442975 817	47.258
9762	443023.075	49.900
9763	443072.975	49.500
9764	443122.475	45 617
9765	443168.092	43.383
9766	443211.475	49 967
9767	443261.442	47.458
9768	443308.900	50.242
9769	443359.142	49.333
9770	443408.475	50.175
9771	443458.650	47.083
9772	443505.733	49.933
9773	443555.667	50 767
9774	443606.433	47.708
9775	443654.142	50 483
9776	443704.625	47.300
9777	443751.925	49.483
9778	443801.408	49.000
9779	443850.408	49.667
9780	443900.075	48.992
9781	443949 067	44.242
9782	443993.308	45.492
9783	444038.800	51.667
9784	444090.467	48.308
9785	444138.775	50.042
9786	444188.817	46.025
9787	444234 842	49.017
9788	444283.858	48 500
9789	444332.358	52.067
9790	444384.425	48.300
9791	444432.725	48.367
9792	444481.092	51.525
9793	444532 617	49.800
9794	444582.417	46.683
9795	444629 100	49.317
9796	444678.417	48.517
9797	444726.933	47.367
9798	444774.300	49.333
9799	444823.633	52.808
9800	444876 442	46.683
9801	444923.125	47.667
9802	444970.792	46.467

Weld	Distance (ft.)	Joint Length (ft.)
9803	445017.258	50.858
9804	445068.117	47.783
9805	445115.900	48.575
9806	445164.475	49.058
9807	445213.533	44.725
9808	445258 258	50.683
9809	445308.942	50.475
9810	445359.417	50.383
9811	445409.800	48 625
9812	445458.425	45.133
9813	445503.558	48.917
9814	445552.475	49.950
9815	445602.425	50.100
9816	445652.525	50.133
9817	445702.658	10.792
9818	445713.450	49.458
9819	445762.908	49.500
9820	445812.408	40.592
9821	445853.000	49 742
9822	445902.742	49 417
9823	445952.158	39.900
9824	445992.058	46.950
9825	446039.008	44.942
9826	446083.950	50.800
9827	446134.750	51.208
9828	446185.958	44.533
9829	446230.492	48.633
9830	446279.125	48.442
9831	446327.567	51.667
9832	446379.233	48.775
9833	446428.008	49.850
9834	446477.858	49.825
9835	446527.683	36.800
9836	446564.483	39.950
9837	446604.433	49.842
9838	446654.275	48 608
9839	446702.883	46.558
9840	446749.442	50.900
9841	446800.342	48.858
9842	446849.200	49.025
9843	446898.225	39.950
9844	446938.175	43 217
9845	446981.392	46.583
9846	447027.975	3.608
9847	447031.583	27.050
9848	447058.633	49.192
9849	447107.825	50.750
9850	447158.575	48.417
9851	447206 992	43.575
9852	447250.567	42.592
9853	447293.158	49.792
9854	447342.950	50.817
9855	447393.767	45.367
9856	447439.133	44 050
9857	447483.183	44 900
9858	447528.083	50.108
9859	447578.192	49.100
9860	447627.292	42.767

Weld	Distance (ft.)	Joint Length (ft.)
9861	447670.058	45.667
9862	447715.725	49.942
9863	447765.667	46.433
9864	447812.100	50.708
9865	447862 808	43.900
9866	447906.708	49.858
9867	447956.567	46.217
9868	448002.783	47 517
9869	448050.300	46.925
9870	448097.225	43.767
9871	448140.992	50.925
9872	448191.917	50.625
9873	448242.542	51.067
9874	448293.608	52.000
9875	448345.608	49.583
9876	448395.192	50.325
9877	448445.517	51.117
9878	448496.633	47.625
9879	448544.258	50.242
9880	448594.500	49.650
9881	448644.150	36.025
9882	448680.175	51.392
9883	448731.567	14.683
9884	448746.250	48.467
9885	448794.717	50.717
9886	448845.433	51.317
9887	448896.750	51.275
9888	448948.025	51.275
9889	448999.300	48.742
9890	449048.042	50.433
9891	449098.475	49.900
9892	449148.375	51.475
9893	449199.850	50.767
9894	449250 617	49.567
9895	449300.183	51 225
9896	449351.408	49.858
9897	449401.267	49.875
9898	449451.142	50.942
9899	449502.083	49.117
9900	449551.200	50.450
9901	449601.650	50.767
9902	449652.417	51.133
9903	449703 550	49.933
9904	449753.483	51.317
9905	449804.800	49.758
9906	449854.558	47.992
9907	449902.550	47.733
9908	449950.283	48.392
9909	449998.675	51.367
9910	450050.042	50.842
9911	450100.883	48.750
9912	450149.633	50.075
9913	450199.708	50.567
9914	450250.275	50.417
9915	450300.692	49.867
9916	450350.558	47.358
9917	450397.917	51.158
9918	450449.075	49.858

Weld	Distance (ft.)	Joint Length (ft.)
9919	450498 933	49.225
9920	450548.158	50.633
9921	450598.792	50.350
9922	450649.142	50.275
9923	450699.417	48.967
9924	450748.383	50.567
9925	450798.950	51.708
9926	450850.658	51 517
9927	450902.175	49.133
9928	450951.308	49.742
9929	451001.050	51.117
9930	451052.167	50.483
9931	451102.650	50.717
9932	451153.367	49.958
9933	451203.325	49.675
9934	451253.000	50.817
9935	451303.817	51.550
9936	451355.367	46.817
9937	451402 183	12.950
9938	451415.133	43.692
9939	451458.825	40.992
9940	451499.817	7.608
9941	451507.425	45 925
9942	451553.350	50 583
9943	451603.933	49.817
9944	451653.750	43.350
9945	451697.100	50.133
9946	451747.233	50.183
9947	451797.417	49.625
9948	451847.042	43.567
9949	451890.608	50.933
9950	451941.542	49.575
9951	451991.117	46 575
9952	452037 692	50 867
9953	452088.558	49.058
9954	452137.617	50.333
9955	452187.950	34.617
9956	452222.567	44 500
9957	452267 067	33 450
9958	452300.517	51.150
9959	452351.667	11.942
9960	452363.608	44 367
9961	452407.975	45.400
9962	452453.375	44.450
9963	452497.825	50.358
9964	452548.183	50.142
9965	452598 325	47.483
9966	452645.808	48.258
9967	452694.067	50.842
9968	452744 908	32 183
9969	452777.092	47.783
9970	452824.875	47.058
9971	452871.933	44.258
9972	452916.192	49.775
9973	452965.967	49 200
9974	453015 167	30 217
9975	453045.383	51.717
9976	453097.100	41.483

Weld	Distance (ft.)	Joint Length (ft.)
9977	453138.583	50.692
9978	453189.275	49.225
9979	453238 500	49.917
9980	453288.417	48.400
9981	453336.817	45.167
9982	453381.983	45 750
9983	453427.733	43.867
9984	453471.600	49.633
9985	453521.233	46.258
9986	453567.492	49.750
9987	453617.242	47.742
9988	453664 983	49.675
9989	453714.658	41.742
9990	453756 400	47.958
9991	453804.358	49.833
9992	453854.192	50.342
9993	453904.533	41.533
9994	453946.067	30.233
9995	453976 300	47.950
9996	454024 250	44.600
9997	454068.850	6.833
9998	454075.683	46 667
9999	454122.350	50.617
10000	454172 967	51.800
10001	454224.767	47 733
10002	454272.500	48.258
10003	454320.758	47.708
10004	454368.467	45.867
10005	454414.333	48.575
10006	454462.908	48.700
10007	454511.608	49.792
10008	454561.400	47.783
10009	454609.183	48.617
10010	454657 800	48.283
10011	454706.083	51.283
10012	454757.367	47.725
10013	454805.092	50.275
10014	454855 367	17.908
10015	454873 275	49.875
10016	454923.150	35.783
10017	454958.933	48 617
10018	455007.550	48.200
10019	455055 750	45.792
10020	455101.542	51.142
10021	455152.683	47 433
10022	455200.117	48.017
10023	455248.133	48.892
10024	455297.025	47.933
10025	455344.958	51 083
10026	455396.042	48.017
10027	455444 058	35.217
10028	455479 275	19.583
10029	455498.858	45.717
10030	455544.575	2 008
10031	455546.583	43.317
10032	455589.900	41.483
10033	455631 383	43.250
10034	455674.633	42 033

Weld	Distance (ft.)	Joint Length (ft.)
10035	455716.667	42.125
10036	455758.792	43.758
10037	455802.550	2.008
10038	455804.558	36.092
10039	455840 650	48.933
10040	455889.583	47.992
10041	455937.575	48.408
10042	455985.983	43.033
10043	456029.017	18.033
10044	456047.050	52.017
10045	456099.067	52.017
10046	456151.083	48.808
10047	456199.892	44.708
10048	456244.600	6.783
10049	456251 383	49.800
10050	456301.183	50.983
10051	456352.167	43.325
10052	456395.492	47.308
10053	456442.800	47.642
10054	456490.442	52.317
10055	456542 758	51.275
10056	456594.033	46.033
10057	456640.067	50.125
10058	456690.192	48.992
10059	456739.183	41.558
10060	456780.742	29.100
10061	456809.842	50 475
10062	456860.317	51.483
10063	456911.800	52.158
10064	456963.958	51.517
10065	457015.475	49.600
10066	457065.075	38.075
10067	457103 150	51.467
10068	457154.617	52.242
10069	457206.858	50.283
10070	457257.142	50.292
10071	457307.433	43.667
10072	457351 100	49.475
10073	457400.575	52.217
10074	457452.792	52.242
10075	457505.033	50.058
10076	457555.092	47.167
10077	457602.258	51.017
10078	457653.275	33.733
10079	457687.008	45.250
10080	457732.258	49.767
10081	457782.025	51.950
10082	457833.975	51.642
10083	457885.617	45.792
10084	457931.408	45.000
10085	457976.408	49.667
10086	458026 075	45.675
10087	458071.750	52 592
10088	458124.342	46.133
10089	458170.475	49.208
10090	458219 683	48.058
10091	458267.742	46.925
10092	458314.667	43.975

Weld	Distance (ft.)	Joint Length (ft.)
10093	458358.642	48.767
10094	458407.408	46.233
10095	458453.642	46.992
10096	458500.633	47.692
10097	458548.325	45 792
10098	458594.117	37.067
10099	458631.183	47 200
10100	458678.383	49.975
10101	458728.358	45.658
10102	458774.017	47.333
10103	458821.350	44.383
10104	458865.733	50.817
10105	458916 550	45.017
10106	458961.567	26.067
10107	458987.633	47.442
10108	459035 075	44.317
10109	459079.392	46.950
10110	459126.342	52.833
10111	459179.175	50.217
10112	459229.392	24.367
10113	459253.758	31.467
10114	459285.225	51 225
10115	459336.450	49.883
10116	459386.333	49.633
10117	459435 967	48.975
10118	459484 942	51.217
10119	459536.158	50.783
10120	459586.942	51.075
10121	459638.017	50.117
10122	459688 133	18.883
10123	459707.017	47.417
10124	459754.433	49.492
10125	459803.925	34.600
10126	459838.525	49.958
10127	459888.483	51.258
10128	459939 742	51.383
10129	459991 125	50.150
10130	460041.275	38.642
10131	460079.917	45 783
10132	460125.700	49 642
10133	460175.342	49 225
10134	460224.567	50.342
10135	460274.908	45.942
10136	460320 850	50.050
10137	460370 900	35.592
10138	460406.492	51.858
10139	460458.350	51.442
10140	460509.792	51.658
10141	460561.450	50.408
10142	460611.858	48.567
10143	460660.425	48.075
10144	460708.500	51.892
10145	460760.392	49 775
10146	460810.167	45.875
10147	460856.042	50 317
10148	460906.358	45.517
10149	460951.875	48.425
10150	461000 300	47.083

Weld	Distance (ft.)	Joint Length (ft.)
10151	461047.383	51.308
10152	461098 692	50 225
10153	461148.917	51.650
10154	461200.567	48.633
10155	461249.200	51.750
10156	461300.950	49.125
10157	461350.075	46.408
10158	461396.483	50.333
10159	461446.817	51.892
10160	461498.708	50.458
10161	461549.167	51.492
10162	461600 658	49.717
10163	461650.375	49.458
10164	461699.833	47 725
10165	461747 558	51.417
10166	461798.975	49.458
10167	461848.433	30.900
10168	461879.333	50.850
10169	461930.183	38.533
10170	461968.717	50.533
10171	462019.250	51.392
10172	462070.642	51.500
10173	462122.142	49.575
10174	462171.717	50.933
10175	462222.650	49.517
10176	462272.167	50.908
10177	462323.075	51.308
10178	462374.383	51.267
10179	462425.650	50.042
10180	462475.692	50.983
10181	462526.675	47.950
10182	462574.625	50.983
10183	462625.608	49.250
10184	462674 858	47.700
10185	462722.558	3.350
10186	462725.908	50.633
10187	462776.542	46.117
10188	462822.658	47.017
10189	462869.675	48.725
10190	462918.400	50.875
10191	462969.275	42 700
10192	463011.975	47 667
10193	463059 642	50.008
10194	463109.650	49.592
10195	463159.242	45.625
10196	463204.867	50.008
10197	463254.875	51.208
10198	463306.083	48.583
10199	463354.667	47.500
10200	463402 167	44.617
10201	463446.783	49.467
10202	463496.250	47.792
10203	463544.042	50.258
10204	463594.300	49.483
10205	463643 783	48.833
10206	463692.617	51.325
10207	463743.942	48.050
10208	463791.992	48.033

Weld	Distance (ft.)	Joint Length (ft.)
10209	463840.025	48.292
10210	463888.317	49.542
10211	463937.858	48 833
10212	463986.692	51.225
10213	464037.917	48.825
10214	464086.742	41.058
10215	464127.800	51.350
10216	464179.150	47.058
10217	464226.208	48.750
10218	464274.958	46.725
10219	464321.683	49.842
10220	464371.525	49.858
10221	464421.383	49.733
10222	464471.117	36.750
10223	464507.867	50.292
10224	464558.158	48.825
10225	464606.983	48.500
10226	464655.483	48 900
10227	464704.383	45.733
10228	464750.117	49.517
10229	464799.633	49.575
10230	464849.208	49.400
10231	464898.608	37.092
10232	464935.700	48.950
10233	464984.650	48 742
10234	465033.392	47 550
10235	465080.942	50 775
10236	465131.717	51 625
10237	465183.342	51.092
10238	465234.433	47.542
10239	465281.975	49.358
10240	465331.333	50.058
10241	465381 392	43.117
10242	465424.508	45.733
10243	465470.242	49.400
10244	465519.642	49.708
10245	465569.350	48.358
10246	465617.708	47.708
10247	465665.417	46.850
10248	465712.267	48.642
10249	465760.908	47.325
10250	465808.233	50.667
10251	465858.900	48.775
10252	465907.675	47.408
10253	465955.083	50.058
10254	466005.142	51.300
10255	466056.442	48.975
10256	466105.417	50.050
10257	466155.467	49.350
10258	466204.817	48.133
10259	466252 950	36.275
10260	466289.225	49.050
10261	466338.275	46.108
10262	466384.383	50.383
10263	466434.767	46.625
10264	466481.392	50.400
10265	466531 792	41.092
10266	466572.883	49.175

Weld	Distance (ft.)	Joint Length (ft.)
10267	466622.058	49 867
10268	466671.925	49.075
10269	466721.000	49.217
10270	466770.217	49.508
10271	466819.725	51.692
10272	466871.417	45.842
10273	466917.258	50.683
10274	466967.942	50.092
10275	467018 033	50.842
10276	467068.875	50.800
10277	467119.675	36 650
10278	467156.325	40.317
10279	467196.642	50.767
10280	467247.408	48.575
10281	467295.983	50.792
10282	467346.775	47.908
10283	467394.683	45 758
10284	467440.442	50.967
10285	467491.408	50.567
10286	467541.975	44.358
10287	467586.333	30.450
10288	467616 783	48 892
10289	467665.675	49.450
10290	467715.125	49.442
10291	467764.567	50.458
10292	467815 025	33.633
10293	467848 658	49.183
10294	467897.842	51.500
10295	467949.342	44.550
10296	467993 892	50.942
10297	468044.833	11.425
10298	468056.258	47 117
10299	468103.375	47.425
10300	468150.800	45.833
10301	468196 633	47.208
10302	468243 842	3.808
10303	468247.650	48 450
10304	468296.100	43.325
10305	468339.425	49.083
10306	468388 508	51.242
10307	468439.750	41 925
10308	468481.675	44 583
10309	468526.258	49.550
10310	468575.808	48.217
10311	468624.025	50 525
10312	468674.550	49.000
10313	468723.550	50.317
10314	468773.867	44.783
10315	468818.650	45 050
10316	468863.700	49.558
10317	468913.258	44.592
10318	468957.850	49.942
10319	469007.792	37.350
10320	469045.142	49.267
10321	469094.408	45 183
10322	469139.592	49.825
10323	469189 417	47.908
10324	469237.325	48 367

Weld	Distance (ft.)	Joint Length (ft.)
10325	469285.692	50.625
10326	469336 317	50.683
10327	469387.000	48.567
10328	469435.567	49.317
10329	469484.883	50.100
10330	469534.983	48.767
10331	469583.750	49.558
10332	469633.308	50.200
10333	469683.508	50.175
10334	469733.683	46.417
10335	469780.100	3.375
10336	469783.475	50.392
10337	469833 867	51 292
10338	469885.158	50.900
10339	469936.058	50.842
10340	469986.900	45.533
10341	470032.433	34.542
10342	470066.975	50.117
10343	470117.092	50.308
10344	470167.400	50.925
10345	470218.325	46.558
10346	470264.883	49.158
10347	470314.042	47.833
10348	470361.875	51.850
10349	470413 725	49 958
10350	470463 683	50 508
10351	470514.192	49.150
10352	470563.342	49.667
10353	470613 008	50.042
10354	470663 050	49 125
10355	470712.175	50.883
10356	470763.058	49.650
10357	470812.708	46.983
10358	470859.692	47.692
10359	470907 383	48 917
10360	470956.300	50 600
10361	471006.900	50.933
10362	471057.833	49.017
10363	471106.850	49.408
10364	471156.258	44 117
10365	471200.375	50.192
10366	471250.567	46.200
10367	471296 767	48.000
10368	471344 767	49 767
10369	471394.533	49.917
10370	471444.450	49.667
10371	471494 117	51.625
10372	471545 742	51.517
10373	471597.258	50.458
10374	471647.717	51 617
10375	471699.333	51.492
10376	471750.825	51.225
10377	471802.050	51.617
10378	471853.667	49 850
10379	471903.517	51.492
10380	471955 008	50.133
10381	472005.142	50.817
10382	472055.958	51 217

Weld	Distance (ft.)	Joint Length (ft.)
10383	472107.175	3 650
10384	472110.825	46.183
10385	472157.008	42.458
10386	472199.467	46.858
10387	472246.325	50.783
10388	472297.108	51.242
10389	472348.350	50.000
10390	472398.350	51 842
10391	472450.192	46.158
10392	472496.350	50.792
10393	472547.142	50 400
10394	472597.542	49.967
10395	472647.508	40.683
10396	472688.192	48.875
10397	472737.067	50.783
10398	472787 850	49.050
10399	472836.900	50 200
10400	472887.100	50.900
10401	472938.000	48.558
10402	472986.558	49.200
10403	473035.758	46.042
10404	473081.800	49.792
10405	473131.592	50.933
10406	473182.525	47.542
10407	473230.067	47.617
10408	473277.683	50.958
10409	473328 642	51.625
10410	473380 267	50.692
10411	473430.958	39.567
10412	473470.525	48.458
10413	473518.983	46.250
10414	473565.233	48.367
10415	473613.600	51.200
10416	473664.800	10 100
10417	473674.900	49.725
10418	473724.625	47.825
10419	473772.450	46.808
10420	473819 258	46.658
10421	473865.917	49.383
10422	473915.300	46 167
10423	473961.467	44.242
10424	474005.708	47.158
10425	474052 867	47.167
10426	474100.033	48.808
10427	474148.842	45.967
10428	474194.808	50.683
10429	474245 492	47.450
10430	474292.942	46 133
10431	474339.075	48.492
10432	474387.567	45.967
10433	474433.533	46.817
10434	474480.350	47.842
10435	474528.192	49.658
10436	474577.850	48.142
10437	474625.992	40.067
10438	474666 058	46.850
10439	474712.908	51.892
10440	474764.800	47.908

Weld	Distance (ft.)	Joint Length (ft.)
10441	474812.708	51.167
10442	474863.875	36.875
10443	474900.750	51.908
10444	474952.658	47.267
10445	474999.925	49.392
10446	475049.317	35.258
10447	475084.575	49.425
10448	475134.000	46.808
10449	475180 808	49.233
10450	475230 042	48.333
10451	475278.375	48.733
10452	475327.108	51.508
10453	475378.617	50 392
10454	475429.008	48.500
10455	475477.508	51.317
10456	475528.825	50.692
10457	475579.517	49.567
10458	475629.083	45.933
10459	475675.017	48.067
10460	475723.083	51.008
10461	475774.092	50.283
10462	475824.375	48 017
10463	475872.392	48.617
10464	475921.008	49.375
10465	475970.383	50.300
10466	476020 683	49.492
10467	476070.175	49.525
10468	476119.700	48.217
10469	476167.917	49 475
10470	476217.392	50.850
10471	476268.242	47.192
10472	476315.433	51.308
10473	476366.742	47.817
10474	476414 558	49.425
10475	476463.983	43 475
10476	476507.458	50.533
10477	476557.992	49.275
10478	476607.267	49.267
10479	476656.533	43.117
10480	476699.650	51.625
10481	476751.275	51.117
10482	476802.392	49 042
10483	476851.433	47 933
10484	476899.367	51.817
10485	476951.183	50.083
10486	477001.267	51.275
10487	477052.542	48.275
10488	477100.817	49 250
10489	477150.067	45.008
10490	477195.075	48.283
10491	477243.358	51.275
10492	477294 633	50.025
10493	477344 658	51.542
10494	477396.200	48.675
10495	477444.875	45.950
10496	477490.825	38.842
10497	477529 667	51.875
10498	477581.542	51 667

Weld	Distance (ft.)	Joint Length (ft.)
10499	477633.208	49.417
10500	477682.625	48.825
10501	477731.450	51.733
10502	477783.183	42.867
10503	477826.050	50.917
10504	477876 967	48 117
10505	477925 083	48.825
10506	477973.908	49.058
10507	478022.967	51.200
10508	478074.167	51.975
10509	478126.142	48.992
10510	478175.133	51.408
10511	478226.542	46.625
10512	478273.167	49.833
10513	478323.000	45.992
10514	478368.992	48.925
10515	478417.917	48 325
10516	478466.242	49.367
10517	478515.608	50.617
10518	478566.225	51.342
10519	478617.567	49.367
10520	478666.933	48.675
10521	478715.608	50.325
10522	478765.933	48.050
10523	478813 983	50.175
10524	478864.158	15.467
10525	478879 625	51.950
10526	478931.575	43.783
10527	478975.358	49.867
10528	479025.225	49.842
10529	479075.067	46.992
10530	479122.058	50.783
10531	479172.842	50.217
10532	479223.058	49.967
10533	479273.025	38.283
10534	479311.308	50.633
10535	479361.942	53.025
10536	479414 967	44.700
10537	479459.667	9.975
10538	479469.642	50.525
10539	479520.167	46.258
10540	479566.425	50.275
10541	479616.700	46.642
10542	479663.342	48 567
10543	479711.908	49.917
10544	479761.825	51.358
10545	479813.183	51.350
10546	479864.533	51.233
10547	479915.767	46.433
10548	479962.200	49.575
10549	480011.775	49.892
10550	480061.667	50.142
10551	480111.808	32.400
10552	480144.208	50 083
10553	480194 292	49.500
10554	480243.792	48.800
10555	480292.592	48.792
10556	480341.383	44 358

Weld	Distance (ft.)	Joint Length (ft.)
10557	480385.742	17.425
10558	480403.167	50.458
10559	480453.625	44.475
10560	480498.100	45.183
10561	480543.283	51.200
10562	480594.483	50.950
10563	480645.433	44.325
10564	480689.758	49.942
10565	480739.700	43.383
10566	480783.083	43.842
10567	480826.925	45 425
10568	480872.350	49.750
10569	480922.100	50 675
10570	480972.775	51.117
10571	481023.892	48.800
10572	481072.692	46.200
10573	481118.892	49.775
10574	481168.667	46.608
10575	481215.275	45.875
10576	481261 150	50.100
10577	481311 250	49.383
10578	481360.633	49.867
10579	481410.500	47.000
10580	481457.500	49.567
10581	481507.067	50.342
10582	481557.408	47.450
10583	481604.858	50.617
10584	481655.475	42.633
10585	481698.108	43.117
10586	481741.225	47.458
10587	481788.683	49.425
10588	481838.108	37.283
10589	481875.392	48.583
10590	481923.975	35.625
10591	481959.600	48 700
10592	482008.300	51.142
10593	482059.442	49.225
10594	482108.667	49.533
10595	482158.200	49.767
10596	482207.967	48 525
10597	482256.492	51 608
10598	482308.100	49 225
10599	482357.325	50.100
10600	482407.425	49.058
10601	482456.483	48.592
10602	482505.075	45.242
10603	482550 317	51.300
10604	482601.617	50.125
10605	482651.742	50.592
10606	482702.333	50.342
10607	482752.675	38.533
10608	482791.208	50 017
10609	482841.225	8 925
10610	482850.150	47.108
10611	482897.258	46.600
10612	482943.858	45.575
10613	482989.433	49.358
10614	483038.792	49.683

Weld	Distance (ft.)	Joint Length (ft.)
10615	483088.475	49.767
10616	483138.242	49.017
10617	483187.258	48.908
10618	483236.167	50.925
10619	483287.092	50.425
10620	483337.517	50.258
10621	483387.775	50.025
10622	483437.800	50.225
10623	483488.025	51.850
10624	483539.875	51.575
10625	483591.450	49.217
10626	483640 667	49.858
10627	483690.525	46.158
10628	483736.683	49 650
10629	483786.333	52.317
10630	483838.650	48.867
10631	483887.517	49.875
10632	483937.392	48.150
10633	483985.542	49.192
10634	484034.733	50.008
10635	484084.742	51.333
10636	484136.075	49.642
10637	484185.717	48.475
10638	484234.192	47 583
10639	484281.775	51.025
10640	484332.800	50.583
10641	484383.383	48.092
10642	484431.475	49.617
10643	484481.092	40.683
10644	484521.775	50.975
10645	484572 750	45.992
10646	484618.742	51.025
10647	484669.767	50.525
10648	484720.292	50.833
10649	484771.125	39.333
10650	484810.458	52.958
10651	484863.417	47.683
10652	484911.100	50.433
10653	484961.533	50.892
10654	485012.425	51.817
10655	485064.242	50.650
10656	485114.892	49.192
10657	485164.083	45.667
10658	485209.750	45.975
10659	485255.725	43.917
10660	485299 642	46.317
10661	485345.958	14 508
10662	485360 467	50.000
10663	485410 467	37.625
10664	485448.092	2.017
10665	485450.108	37.242
10666	485487.350	4 758
10667	485492.108	2.642
10668	485494.750	12 317
10669	485507.067	14.825
10670	485521 892	12.075
10671	485533 967	42.158
10672	485576.125	40.342

Weld	Distance (ft.)	Joint Length (ft.)
10673	485616.467	17.842
10674	485634.308	13.992
10675	485648.300	40.675
10676	485688.975	31.025
10677	485720.000	4.933
10678	485724.933	19.833
10679	485744 767	31.200
10680	485775.967	40.350
10681	485816.317	41.900
10682	485858.217	14 200
10683	485872.417	19.317
10684	485891.733	4.058
10685	485895.792	2.625
10686	485898.417	38.308
10687	485936.725	19.900
10688	485956.625	17.750
10689	485974.375	7.983
10690	485982.358	3.425
10691	485985.783	7.075
10692	485992.858	4.250
10693	485997.108	4.842
10694	486001.950	4.025
10695	486005.975	2.433
10696	486008 408	11.908
10697	486020 317	2 517
10698	486022.833	3 967
10699	486026.800	4.867
10700	486031.667	12.500
10701	486044.167	21 192
10702	486065.358	2 483
10703	486067.842	15.083
10704	486082.925	6.017
10705	486088.942	7.358
10706	486096.300	3.000
10707	486099.300	30.175
10708	486129.475	11.392
10709	486140 867	2.508
10710	486143 375	5.125
10711	486148.500	20.808
10712	486169.308	21.208
10713	486190.517	40.217
10714	486230.733	41.783
10715	486272.517	9.183
10716	486281 700	14.000
10717	486295 700	42.042
10718	486337.742	34.725
10719	486372.467	20.242
10720	486392.708	37.908
10721	486430.617	41.817
10722	486472.433	41.900
10723	486514.333	40.367
10724	486554.700	10.533
10725	486565 233	28.683
10726	486593.917	43.008
10727	486636.925	18.742
10728	486655 667	5.142
10729	486660.808	0.592
10730	486661.400	4.842

Weld	Distance (ft.)	Joint Length (ft.)
10731	486666 242	5.383
10732	486671.625	1 958
10733	486673.583	32.433
10734	486706.017	50.492
10735	486756.508	45.083
10736	486801.592	44.800
10737	486846.392	46.842
10738	486893.233	49.225
10739	486942 458	43.825
10740	486986.283	3 292
10741	486989.575	48.867
10742	487038.442	44.375
10743	487082.817	46.025
10744	487128.842	50.217
10745	487179 058	46.283
10746	487225.342	46.017
10747	487271.358	51.450
10748	487322.808	7.208
10749	487330.017	47.967
10750	487377.983	46.242
10751	487424.225	44.658
10752	487468.883	45 658
10753	487514.542	45.375
10754	487559.917	46.117
10755	487606.033	47.325
10756	487653.358	48.125
10757	487701.483	45.017
10758	487746.500	47.992
10759	487794.492	46.633
10760	487841.125	47.483
10761	487888.608	47 917
10762	487936.525	46.208
10763	487982.733	48.008
10764	488030 742	35.875
10765	488066.617	41.717
10766	488108.333	45 483
10767	488153.817	47.433
10768	488201.250	6.350
10769	488207.600	46.692
10770	488254.292	47.033
10771	488301.325	47.758
10772	488349.083	48.192
10773	488397.275	48 350
10774	488445.625	47.717
10775	488493.342	48.158
10776	488541.500	46.175
10777	488587.675	43.658
10778	488631.333	45.950
10779	488677 283	49.567
10780	488726.850	44.358
10781	488771.208	49.200
10782	488820.408	45.725
10783	488866.133	47.317
10784	488913.450	47.283
10785	488960.733	47 750
10786	489008.483	46.175
10787	489054.658	10.275
10788	489064 933	50 558

Weld	Distance (ft.)	Joint Length (ft.)
10789	489115.492	46.600
10790	489162.092	46.508
10791	489208.600	48.533
10792	489257.133	47.592
10793	489304.725	47.833
10794	489352.558	46 875
10795	489399.433	45 083
10796	489444.517	44.892
10797	489489.408	46.925
10798	489536.333	46.742
10799	489583.075	44.542
10800	489627.617	45.425
10801	489673.042	46.317
10802	489719 358	46.683
10803	489766.042	46.133
10804	489812.175	46.842
10805	489859.017	46.525
10806	489905.542	45.167
10807	489950.708	46 392
10808	489997.100	47 750
10809	490044 850	46.975
10810	490091.825	47.483
10811	490139.308	49.092
10812	490188.400	38.167
10813	490226.567	46.858
10814	490273.425	46.325
10815	490319.750	48.000
10816	490367.750	46.775
10817	490414.525	45.875
10818	490460.400	47.533
10819	490507.933	47.083
10820	490555.017	46.567
10821	490601.583	45.433
10822	490647.017	47.333
10823	490694.350	46.800
10824	490741.150	45.458
10825	490786 608	47.617
10826	490834 225	50.767
10827	490884.992	48.700
10828	490933.692	46.417
10829	490980.108	48.975
10830	491029.083	45 483
10831	491074 567	46.933
10832	491121.500	44.167
10833	491165.667	45.658
10834	491211.325	47.233
10835	491258.558	43 967
10836	491302.525	47.200
10837	491349.725	46.892
10838	491396.617	44.250
10839	491440 867	46.508
10840	491487 375	47.783
10841	491535 158	51.183
10842	491586.342	49.958
10843	491636.300	46 942
10844	491683.242	46.550
10845	491729 792	41.833
10846	491771.625	47.217

Weld	Distance (ft.)	Joint Length (ft.)
10847	491818.842	44.750
10848	491863.592	49.492
10849	491913.083	5.425
10850	491918.508	51.075
10851	491969.583	48.550
10852	492018.133	49.300
10853	492067.433	46 300
10854	492113.733	50.992
10855	492164.725	48.433
10856	492213.158	49.575
10857	492262.733	46.258
10858	492308.992	51.242
10859	492360.233	48.550
10860	492408.783	47.033
10861	492455.817	47.058
10862	492502.875	45 108
10863	492547.983	50.700
10864	492598.683	47.683
10865	492646.367	50.000
10866	492696.367	50.308
10867	492746.675	48 092
10868	492794.767	47.633
10869	492842.400	49.192
10870	492891.592	50.858
10871	492942.450	49.842
10872	492992.292	48.650
10873	493040.942	46.983
10874	493087.925	48.517
10875	493136.442	50.658
10876	493187.100	47.117
10877	493234.217	47.367
10878	493281.583	51.000
10879	493332.583	46 517
10880	493379.100	10.867
10881	493389.967	48.442
10882	493438.408	8.358
10883	493446.767	46.000
10884	493492.767	49.642
10885	493542.408	47.667
10886	493590 075	47.258
10887	493637.333	49.258
10888	493686 592	48.475
10889	493735.067	49.842
10890	493784.908	46.992
10891	493831.900	48.100
10892	493880.000	48.658
10893	493928.658	48.150
10894	493976.808	47.758
10895	494024.567	2.683
10896	494027.250	1.642
10897	494028.892	45.392
10898	494074.283	4.667
10899	494078.950	47.942
10900	494126 892	51.458
10901	494178.350	5.192
10902	494183.542	46.600
10903	494230.142	4.617
10904	494234.758	47.942

Weld	Distance (ft.)	Joint Length (ft.)
10905	494282.700	5.233
10906	494287.933	47.475
10907	494335.408	4.542
10908	494339.950	46 600
10909	494386.550	49.108
10910	494435.658	47.567
10911	494483.225	44.267
10912	494527.492	49.783
10913	494577.275	46.600
10914	494623.875	47.067
10915	494670.942	49.692
10916	494720.633	47 758
10917	494768.392	48.550
10918	494816.942	51.250
10919	494868.192	47.650
10920	494915.842	49.558
10921	494965.400	47.050
10922	495012.450	52.317
10923	495064.767	50.008
10924	495114.775	49.775
10925	495164.550	51.850
10926	495216.400	52.142
10927	495268.542	49.575
10928	495318.117	50.317
10929	495368.433	48.067
10930	495416.500	47.683
10931	495464.183	50.525
10932	495514.708	49.442
10933	495564 150	39.950
10934	495604.100	46.458
10935	495650.558	50.658
10936	495701.217	51.383
10937	495752 600	47.575
10938	495800.175	49.608
10939	495849.783	49.883
10940	495899.667	47.733
10941	495947.400	46.400
10942	495993.800	46.708
10943	496040.508	49.292
10944	496089.800	47.558
10945	496137.358	49.075
10946	496186.433	47.108
10947	496233.542	46.525
10948	496280.067	46.408
10949	496326.475	45.342
10950	496371.817	48.558
10951	496420.375	45.850
10952	496466.225	46.183
10953	496512.408	50.808
10954	496563.217	43 308
10955	496606.525	44.025
10956	496650.550	50.267
10957	496700.817	50.075
10958	496750.892	51.033
10959	496801.925	38.717
10960	496840.642	45.558
10961	496886 200	47.267
10962	496933.467	47.542

Weld	Distance (ft.)	Joint Length (ft.)
10963	496981.008	50.250
10964	497031.258	47.767
10965	497079 025	45.258
10966	497124.283	49.142
10967	497173.425	50.983
10968	497224.408	48.433
10969	497272.842	45.925
10970	497318.767	50.233
10971	497369.000	51.308
10972	497420.308	52.125
10973	497472.433	45.375
10974	497517.808	47.475
10975	497565.283	48 875
10976	497614.158	47.375
10977	497661.533	50.025
10978	497711.558	44.450
10979	497756 008	49.258
10980	497805.267	50.942
10981	497856.208	49.492
10982	497905.700	45.550
10983	497951 250	50.200
10984	498001.450	45.408
10985	498046.858	47 558
10986	498094.417	45 017
10987	498139.433	47.292
10988	498186.725	50.658
10989	498237.383	45.425
10990	498282.808	48.725
10991	498331.533	46.975
10992	498378.508	47.183
10993	498425.692	49.625
10994	498475.317	48.217
10995	498523.533	44.017
10996	498567.550	47.783
10997	498615.333	45.858
10998	498661.192	44.217
10999	498705.408	51.033
11000	498756.442	49.242
11001	498805.683	31.150
11002	498836.833	19 508
11003	498856.342	48.017
11004	498904 358	49.542
11005	498953.900	49.575
11006	499003.475	49 783
11007	499053.258	50.225
11008	499103.483	46.358
11009	499149.842	50.717
11010	499200.558	47.483
11011	499248.042	50.508
11012	499298.550	44.058
11013	499342.608	48 008
11014	499390.617	50.050
11015	499440.667	45 908
11016	499486.575	47.550
11017	499534.125	45.708
11018	499579.833	51.483
11019	499631.317	51.767
11020	499683.083	51.333

Weld	Distance (ft.)	Joint Length (ft.)
11021	499734.417	48.175
11022	499782.592	51.250
11023	499833 842	49.500
11024	499883.342	42.158
11025	499925.500	50.350
11026	499975.850	42.333
11027	500018.183	47.050
11028	500065.233	49.400
11029	500114.633	47.283
11030	500161.917	46.325
11031	500208.242	50.875
11032	500259.117	51 883
11033	500311.000	49 892
11034	500360.892	50.508
11035	500411.400	47.442
11036	500458 842	46.658
11037	500505.500	50 717
11038	500556.217	51.367
11039	500607.583	51.758
11040	500659.342	48.825
11041	500708.167	46 417
11042	500754.583	46.342
11043	500800.925	47.917
11044	500848.842	49.450
11045	500898.292	47.250
11046	500945.542	46.750
11047	500992 292	45.642
11048	501037.933	51.408
11049	501089.342	46.017
11050	501135.358	43.492
11051	501178 850	51.258
11052	501230.108	50.992
11053	501281.100	50.700
11054	501331.800	47.692
11055	501379 492	51.625
11056	501431.117	51.533
11057	501482.650	46.458
11058	501529.108	48.292
11059	501577.400	46.625
11060	501624.025	47.958
11061	501671.983	48.425
11062	501720.408	43.325
11063	501763.733	51.600
11064	501815 333	47.200
11065	501862.533	50.492
11066	501913.025	50.217
11067	501963 242	50.458
11068	502013.700	48.917
11069	502062.617	50.208
11070	502112.825	49.100
11071	502161 925	48.958
11072	502210.883	35 192
11073	502246.075	36.558
11074	502282.633	49.592
11075	502332.225	34 942
11076	502367 167	50.175
11077	502417.342	49.217
11078	502466.558	49.708

Weld	Distance (ft.)	Joint Length (ft.)
11079	502516 267	14.817
11080	502531.083	49.233
11081	502580.317	47.533
11082	502627.850	35.642
11083	502663.492	49.800
11084	502713.292	45.925
11085	502759.217	49.600
11086	502808.817	47.767
11087	502856.583	45.667
11088	502902.250	15.033
11089	502917.283	50.833
11090	502968.117	45.767
11091	503013.883	45.683
11092	503059.567	50.683
11093	503110 250	45.708
11094	503155.958	41.975
11095	503197.933	50.350
11096	503248.283	49.192
11097	503297.475	50.617
11098	503348.092	48.167
11099	503396.258	49.792
11100	503446.050	43.442
11101	503489.492	47.333
11102	503536.825	48.933
11103	503585.758	48.675
11104	503634.433	48.292
11105	503682.725	47.517
11106	503730.242	46.133
11107	503776 375	51 258
11108	503827.633	49 492
11109	503877.125	49.475
11110	503926.600	50.267
11111	503976.867	49.517
11112	504026.383	49 167
11113	504075.550	48.817
11114	504124.367	47.775
11115	504172.142	52.192
11116	504224.333	48.067
11117	504272.400	49 333
11118	504321 733	48.758
11119	504370.492	46.817
11120	504417.308	38.617
11121	504455.925	46.683
11122	504502.608	50.058
11123	504552.667	50.033
11124	504602.700	50.942
11125	504653.642	50 033
11126	504703.675	48.325
11127	504752.000	44.108
11128	504796.108	49.642
11129	504845.750	48 975
11130	504894 725	50.825
11131	504945.550	49.742
11132	504995.292	47.375
11133	505042.667	49.208
11134	505091.875	47.700
11135	505139 575	47.883
11136	505187.458	50.508

Weld	Distance (ft.)	Joint Length (ft.)
11137	505237.967	49.950
11138	505287.917	46.875
11139	505334.792	49.692
11140	505384.483	49.833
11141	505434.317	48.175
11142	505482.492	49.067
11143	505531.558	48.533
11144	505580.092	46.858
11145	505626.950	48 575
11146	505675.525	51 842
11147	505727.367	47 050
11148	505774.417	48.908
11149	505823.325	43.258
11150	505866.583	51.933
11151	505918.517	47.467
11152	505965 983	49.767
11153	506015 750	50.558
11154	506066.308	46.983
11155	506113.292	49.750
11156	506163.042	47.975
11157	506211.017	49.917
11158	506260.933	50.267
11159	506311 200	50.817
11160	506362 017	11.125
11161	506373.142	35.858
11162	506409.000	11.642
11163	506420.642	47 375
11164	506468.017	50.000
11165	506518 017	49.858
11166	506567.875	47.350
11167	506615.225	44.283
11168	506659.508	49 775
11169	506709 283	46.725
11170	506756.008	44.217
11171	506800.225	46.125
11172	506846.350	11.542
11173	506857.892	50 042
11174	506907.933	49.658
11175	506957.592	49.783
11176	507007.375	49.533
11177	507056.908	45.525
11178	507102.433	45.942
11179	507148 375	50 533
11180	507198.908	49.925
11181	507248.833	51.625
11182	507300.458	49 433
11183	507349 892	29.633
11184	507379.525	44.458
11185	507423.983	40.392
11186	507464.375	49.692
11187	507514.067	49 267
11188	507563.333	49.433
11189	507612.767	49.592
11190	507662.358	49.267
11191	507711.625	44.792
11192	507756 417	15.092
11193	507771.508	49.925
11194	507821.433	48.167

Weld	Distance (ft.)	Joint Length (ft.)
11195	507869.600	46.358
11196	507915.958	48.333
11197	507964.292	37.775
11198	508002.067	48 758
11199	508050.825	37.225
11200	508088.050	48.358
11201	508136.408	50.350
11202	508186.758	50.867
11203	508237.625	46.625
11204	508284.250	48.058
11205	508332.308	51.692
11206	508384.000	49.550
11207	508433.550	48.883
11208	508482.433	49.975
11209	508532 408	47.458
11210	508579.867	48.017
11211	508627.883	51 108
11212	508678.992	48.800
11213	508727.792	34.367
11214	508762.158	50.233
11215	508812.392	48.400
11216	508860 792	47.992
11217	508908.783	50.150
11218	508958.933	48 258
11219	509007.192	49.875
11220	509057.067	49.833
11221	509106 900	50.192
11222	509157.092	34.075
11223	509191.167	46.925
11224	509238.092	50.275
11225	509288.367	48.383
11226	509336.750	48.458
11227	509385.208	46.083
11228	509431.292	13.033
11229	509444.325	48.967
11230	509493.292	50.750
11231	509544.042	50.175
11232	509594.217	44.150
11233	509638.367	48.908
11234	509687.275	45.925
11235	509733.200	47.450
11236	509780.650	48.967
11237	509829.617	49.775
11238	509879.392	50.642
11239	509930.033	48.833
11240	509978.867	47.167
11241	510026.033	49.383
11242	510075.417	50.667
11243	510126.083	48.008
11244	510174.092	48.033
11245	510222.125	49.292
11246	510271.417	49.392
11247	510320.808	48.717
11248	510369.525	47.858
11249	510417.383	48.592
11250	510465.975	42.033
11251	510508.008	33.658
11252	510541.667	49 575

Weld	Distance (ft.)	Joint Length (ft.)
11253	510591.242	48.992
11254	510640.233	46.975
11255	510687.208	49.608
11256	510736.817	50.033
11257	510786.850	50.133
11258	510836.983	50.342
11259	510887.325	50.725
11260	510938 050	50.308
11261	510988.358	50.033
11262	511038.392	50.100
11263	511088.492	15.367
11264	511103.858	48.067
11265	511151.925	48.583
11266	511200.508	48.942
11267	511249.450	50.067
11268	511299.517	46.050
11269	511345.567	50 267
11270	511395.833	45.917
11271	511441.750	50.783
11272	511492.533	51.633
11273	511544 167	48.500
11274	511592.667	34.483
11275	511627.150	46.300
11276	511673.450	49.942
11277	511723.392	45.992
11278	511769.383	51.350
11279	511820.733	49.675
11280	511870.408	49.925
11281	511920.333	48.517
11282	511968.850	49 550
11283	512018.400	50.825
11284	512069.225	51.925
11285	512121 150	49.317
11286	512170.467	48 158
11287	512218.625	46 608
11288	512265.233	50.708
11289	512315.942	49.383
11290	512365.325	50.467
11291	512415.792	45.450
11292	512461.242	50.758
11293	512512.000	15.708
11294	512527.708	48.058
11295	512575.767	49.475
11296	512625.242	48.567
11297	512673.808	50.550
11298	512724.358	48.992
11299	512773.350	47.858
11300	512821.208	32.517
11301	512853.725	1.992
11302	512855.717	39.700
11303	512895.417	32.950
11304	512928.367	26.808
11305	512955.175	43.292
11306	512998.467	32.375
11307	513030.842	32 217
11308	513063.058	30.858
11309	513093.917	41.433
11310	513135.350	30 617

Weld	Distance (ft.)	Joint Length (ft.)
11311	513165.967	28.642
11312	513194 608	43.483
11313	513238.092	42 950
11314	513281.042	27.125
11315	513308.167	30.033
11316	513338.200	35.308
11317	513373 508	40.858
11318	513414 367	39.692
11319	513454.058	28 692
11320	513482.750	26.550
11321	513509.300	33.792
11322	513543.092	23.467
11323	513566 558	44.558
11324	513611.117	34.342
11325	513645.458	40.642
11326	513686.100	30.075
11327	513716.175	38.958
11328	513755 133	2.042
11329	513757.175	47.975
11330	513805.150	50.792
11331	513855.942	49.083
11332	513905 025	48.833
11333	513953.858	48.942
11334	514002.800	48.583
11335	514051.383	49.292
11336	514100 675	34.208
11337	514134.883	50 158
11338	514185.042	48.550
11339	514233.592	46.617
11340	514280 208	36.258
11341	514316.467	50.008
11342	514366.475	51.025
11343	514417.500	46.700
11344	514464.200	12.100
11345	514476.300	49.125
11346	514525.425	49.958
11347	514575 383	51.508
11348	514626.892	47.133
11349	514674.025	48.283
11350	514722.308	39.008
11351	514761 317	51 042
11352	514812.358	50.458
11353	514862 817	50.783
11354	514913.600	48.133
11355	514961.733	48 108
11356	515009.842	48.133
11357	515057.975	44.083
11358	515102.058	50.633
11359	515152.692	47.858
11360	515200.550	48.050
11361	515248 600	48.425
11362	515297.025	49.483
11363	515346.508	50.575
11364	515397.083	48.283
11365	515445.367	50.025
11366	515495.392	49.825
11367	515545 217	32.775
11368	515577.992	4 308
11369	515582.300	10.833
11370	515593.133	44.517
11371	515637.650	45.308
11372	515682.958	43.458
11373	515726 417	46.908
11374	515773.325	42.675
11375	515816.000	46.150
11376	515862.150	49.325
11377	515911.475	48.617
11378	515960 092	51.775
11379	516011.867	51.458
11380	516063.325	51.525
11381	516114.850	47.258
11382	516162.108	48.900
11383	516211.008	30.892
11384	516241.900	49.117
11385	516291.017	49.917
11386	516340.933	15.925
11387	516356.858	45.992
11388	516402 850	49 633
11389	516452.483	47.242
11390	516499.725	47.833
11391	516547.558	49.667
11392	516597.225	50.433
11393	516647.658	49.483
11394	516697.142	46.508
11395	516743.650	47.767
11396	516791 417	50 708
11397	516842.125	47.417
11398	516889.542	48.200
11399	516937.742	50.475
11400	516988.217	49.625
11401	517037.842	46.983
11402	517084.825	50.375
11403	517135 200	48 317
11404	517183.517	35 083
11405	517218.600	50.658
11406	517269.258	49.383
11407	517318.642	49.417
11408	517368.058	42.583
11409	517410.642	48.592
11410	517459.233	49.900
11411	517509.133	51.383
11412	517560.517	45.767
11413	517606.283	49.925
11414	517656 208	41 458
11415	517697.667	28.375
11416	517726.042	11.842
11417	517737 883	49 900
11418	517787.783	47.683
11419	517835.467	35.908
11420	517871.375	6.450
11421	517877.825	49.350
11422	517927 175	46.517
11423	517973.692	49.733
11424	518023.425	49.633
11425	518073.058	12.483
11426	518085.542	50.525
11427	518136.067	47.483
11428	518183.550	48.375
11429	518231.925	50.433
11430	518282.358	50.975
11431	518333.333	49.708
11432	518383 042	46.317
11433	518429.358	49.233
11434	518478.592	34 025
11435	518512.617	49.017
11436	518561.633	35.208
11437	518596.842	49.300
11438	518646.142	48.017
11439	518694.158	49.758
11440	518743.917	50 417
11441	518794.333	49.683
11442	518844 017	47.608
11443	518891.625	48.867
11444	518940.492	49.150
11445	518989.642	48.408
11446	519038 050	13.975
11447	519052.025	48.958
11448	519100.983	50.858
11449	519151.842	49.342
11450	519201.183	48 025
11451	519249 208	46.258
11452	519295.467	50.542
11453	519346.008	49.758
11454	519395.767	49.558
11455	519445.325	49.325
11456	519494.650	48.692
11457	519543.342	49 825
11458	519593.167	45.517
11459	519638.683	48.617
11460	519687 300	49.900
11461	519737.200	47.517
11462	519784.717	46.583
11463	519831.300	45.558
11464	519876 858	51.392
11465	519928.250	46 017
11466	519974.267	49.825
11467	520024 092	49.292
11468	520073.383	48 725
11469	520122 108	51.683
11470	520173 792	49.775
11471	520223.567	48.000
11472	520271.567	52.358
11473	520323.925	48.917
11474	520372.842	51.458
11475	520424.300	49 692
11476	520473.992	50.617
11477	520524 608	50.050
11478	520574.658	50.808
11479	520625.467	51 183
11480	520676.650	51.142
11481	520727.792	50.975
11482	520778.767	49 550
11483	520828.317	49.125
11484	520877 442	49.750

Weld	Distance (ft.)	Joint Length (ft.)
11485	520927.192	49.850
11486	520977.042	49.475
11487	521026.517	51.083
11488	521077.600	49.600
11489	521127.200	48.325
11490	521175 525	52.433
11491	521227 958	48.508
11492	521276.467	51.108
11493	521327.575	47.767
11494	521375.342	48.733
11495	521424.075	50.200
11496	521474.275	52.275
11497	521526.550	49.750
11498	521576 300	46 717
11499	521623.017	48 342
11500	521671 358	33.417
11501	521704.775	50.592
11502	521755.367	50.592
11503	521805.958	52.808
11504	521858 767	49 775
11505	521908.542	39.367
11506	521947.908	52 667
11507	522000.575	50.642
11508	522051.217	46.675
11509	522097.892	50.317
11510	522148.208	43.800
11511	522192 008	46.917
11512	522238.925	51.342
11513	522290.267	47.050
11514	522337.317	51.083
11515	522388.400	49.500
11516	522437 900	43.717
11517	522481.617	47 692
11518	522529.308	51.458
11519	522580.767	47.017
11520	522627.783	50.867
11521	522678.650	51.867
11522	522730 517	49.975
11523	522780.492	50.558
11524	522831.050	40.983
11525	522872.033	49.575
11526	522921 608	50.675
11527	522972.283	51 750
11528	523024.033	50.783
11529	523074.817	48.800
11530	523123.617	49.633
11531	523173.250	50.825
11532	523224.075	50.692
11533	523274.767	51.292
11534	523326.058	42.250
11535	523368.308	39.108
11536	523407.417	44.858
11537	523452.275	50.250
11538	523502.525	48.133
11539	523550.658	49.033
11540	523599 692	34 117
11541	523633 808	50.533
11542	523684.342	51.450

Weld	Distance (ft.)	Joint Length (ft.)
11543	523735.792	50.950
11544	523786.742	40.508
11545	523827 250	49.025
11546	523876.275	27.192
11547	523903.467	50 183
11548	523953.650	49.400
11549	524003.050	49.300
11550	524052.350	37.783
11551	524090.133	48.458
11552	524138.592	49.875
11553	524188.467	50.383
11554	524238.850	52.358
11555	524291.208	49.625
11556	524340.833	39.183
11557	524380.017	47.858
11558	524427.875	50.317
11559	524478.192	50.850
11560	524529.042	42.950
11561	524571.992	46 450
11562	524618.442	14 200
11563	524632.642	49.233
11564	524681.875	46.567
11565	524728.442	47.233
11566	524775.675	49.483
11567	524825.158	49.642
11568	524874.800	47 233
11569	524922.033	47.392
11570	524969.425	46.200
11571	525015.625	45.308
11572	525060.933	49.450
11573	525110.383	46 042
11574	525156.425	48.025
11575	525204.450	43.750
11576	525248 200	43.733
11577	525291.933	47.950
11578	525339.883	48.183
11579	525388.067	49.358
11580	525437.425	48.117
11581	525485 542	49.808
11582	525535 350	48.308
11583	525583.658	48.033
11584	525631.692	50.850
11585	525682.542	48.600
11586	525731.142	50.475
11587	525781.617	45.467
11588	525827.083	48.817
11589	525875.900	46.275
11590	525922.175	48.750
11591	525970.925	49.708
11592	526020.633	48.108
11593	526068.742	49.658
11594	526118.400	48.208
11595	526166.608	30.917
11596	526197.525	41.108
11597	526238.633	49.117
11598	526287.750	47.400
11599	526335 150	49.592
11600	526384.742	45.117

Weld	Distance (ft.)	Joint Length (ft.)
11601	526429.858	44.383
11602	526474.242	6.450
11603	526480.692	5.975
11604	526486.667	50.308
11605	526536.975	49.933
11606	526586.908	48.908
11607	526635.817	50.017
11608	526685.833	50.000
11609	526735.833	36.192
11610	526772.025	49 300
11611	526821 325	48.808
11612	526870.133	40.383
11613	526910.517	43.292
11614	526953.808	49.650
11615	527003.458	46.150
11616	527049.608	49.192
11617	527098.800	29.425
11618	527128.225	49.467
11619	527177.692	49.508
11620	527227.200	48.267
11621	527275.467	48.492
11622	527323.958	46.533
11623	527370.492	43.208
11624	527413 700	48.175
11625	527461.875	49.342
11626	527511.217	47.300
11627	527558.517	49.642
11628	527608.158	47.508
11629	527655.667	49.917
11630	527705.583	49.983
11631	527755.567	48.733
11632	527804.300	49.217
11633	527853.517	48.142
11634	527901.658	25.100
11635	527926 758	50.817
11636	527977.575	46.725
11637	528024.300	49.867
11638	528074.167	25.008
11639	528099.175	48.767
11640	528147.942	48.008
11641	528195.950	48.608
11642	528244.558	48.083
11643	528292.642	49.317
11644	528341.958	47.958
11645	528389.917	49.192
11646	528439.108	48.842
11647	528487.950	48.217
11648	528536.167	48.417
11649	528584.583	28.275
11650	528612.858	48.133
11651	528660.992	49.158
11652	528710.150	19.700
11653	528729.850	33.325
11654	528763.175	49.933
11655	528813.108	47.083
11656	528860.192	47.683
11657	528907.875	48.725
11658	528956.600	14.808

Weld	Distance (ft.)	Joint Length (ft.)
11659	528971.408	46.858
11660	529018.267	49.442
11661	529067.708	15.150
11662	529082.858	50.567
11663	529133.425	50 325
11664	529183.750	49.333
11665	529233.083	44.625
11666	529277.708	51.092
11667	529328.800	43.975
11668	529372.775	50.117
11669	529422.892	49.917
11670	529472.808	45.358
11671	529518.167	50.667
11672	529568.833	45.608
11673	529614.442	50.117
11674	529664.558	47.625
11675	529712.183	49 592
11676	529761.775	45.708
11677	529807.483	49.567
11678	529857.050	42.783
11679	529899 833	45 125
11680	529944.958	47.283
11681	529992.242	50.225
11682	530042.467	50.533
11683	530093.000	46.183
11684	530139.183	49.567
11685	530188.750	48.892
11686	530237.642	46.367
11687	530284 008	48 233
11688	530332.242	48 925
11689	530381.167	48.633
11690	530429 800	45.308
11691	530475.108	49.950
11692	530525.058	50.050
11693	530575.108	46.367
11694	530621 475	49.850
11695	530671.325	49 858
11696	530721.183	49.458
11697	530770.642	44.458
11698	530815.100	49.100
11699	530864.200	19 158
11700	530883.358	46.958
11701	530930.317	45.183
11702	530975.500	49 058
11703	531024.558	28.567
11704	531053.125	48.958
11705	531102.083	44.133
11706	531146.217	49.958
11707	531196.175	49.933
11708	531246 108	49.383
11709	531295.492	46 150
11710	531341.642	25.125
11711	531366.767	46.425
11712	531413 192	49.367
11713	531462.558	49.633
11714	531512.192	43.750
11715	531555 942	49 342
11716	531605.283	47.442

Weld	Distance (ft.)	Joint Length (ft.)
11717	531652.725	49.775
11718	531702.500	45.575
11719	531748.075	20.033
11720	531768 108	48.917
11721	531817.025	50.592
11722	531867.617	47.742
11723	531915.358	49.408
11724	531964.767	46.433
11725	532011.200	49.808
11726	532061.008	49.133
11727	532110.142	4.775
11728	532114 917	50.108
11729	532165 025	50.300
11730	532215.325	50.717
11731	532266.042	49.633
11732	532315.675	50.300
11733	532365 975	46.608
11734	532412.583	47.192
11735	532459.775	48.858
11736	532508.633	49.783
11737	532558.417	49.100
11738	532607.517	47.950
11739	532655.467	48 400
11740	532703.867	49.492
11741	532753.358	45.267
11742	532798 625	46.150
11743	532844 775	48.167
11744	532892.942	45.775
11745	532938.717	47.475
11746	532986.192	42.258
11747	533028.450	47.325
11748	533075.775	44.567
11749	533120.342	50.400
11750	533170.742	48.033
11751	533218 775	47 392
11752	533266.167	45 425
11753	533311.592	50.300
11754	533361.892	45.900
11755	533407.792	50.075
11756	533457.867	49 492
11757	533507.358	34.242
11758	533541.600	50.183
11759	533591.783	49.492
11760	533641.275	12.992
11761	533654.267	46.242
11762	533700.508	46.258
11763	533746.767	48 292
11764	533795.058	50.950
11765	533846.008	46.692
11766	533892 700	50.500
11767	533943.200	45.508
11768	533988.708	43.725
11769	534032.433	49.608
11770	534082 042	48.258
11771	534130.300	50.825
11772	534181.125	47.467
11773	534228.592	42.633
11774	534271 225	50 325

Weld	Distance (ft.)	Joint Length (ft.)
11775	534321.550	49.833
11776	534371.383	49.708
11777	534421.092	48.233
11778	534469.325	48.367
11779	534517 692	48.075
11780	534565.767	45.117
11781	534610.883	24.267
11782	534635.150	50.433
11783	534685.583	47.750
11784	534733.333	46.617
11785	534779.950	47.042
11786	534826.992	48.142
11787	534875.133	50.858
11788	534925.992	49.725
11789	534975.717	47.800
11790	535023.517	47.633
11791	535071.150	46.317
11792	535117.467	48.258
11793	535165.725	19.917
11794	535185.642	47.650
11795	535233.292	46.408
11796	535279.700	46.750
11797	535326 450	47.250
11798	535373.700	45.917
11799	535419.617	45.558
11800	535465 175	48.425
11801	535513.600	44.833
11802	535558.433	45.650
11803	535604.083	46 050
11804	535650.133	47.433
11805	535697.567	47.350
11806	535744.917	48.792
11807	535793.708	45 250
11808	535838.958	45.842
11809	535884.800	44.867
11810	535929.667	48.492
11811	535978.158	48.358
11812	536026.517	44.025
11813	536070.542	45.092
11814	536115.633	46.767
11815	536162.400	46.367
11816	536208.767	47.258
11817	536256 025	44.500
11818	536300.525	44.750
11819	536345.275	47.583
11820	536392.858	43.742
11821	536436.600	47.858
11822	536484.458	48 100
11823	536532.558	47.675
11824	536580.233	50.008
11825	536630.242	47.325
11826	536677.567	50.700
11827	536728.267	50 192
11828	536778.458	48.325
11829	536826 783	47.575
11830	536874.358	47.175
11831	536921.533	48.667
11832	536970.200	50.600

Weld	Distance (ft.)	Joint Length (ft.)
11833	537020.800	49.508
11834	537070.308	48 667
11835	537118.975	49.783
11836	537168.758	50 842
11837	537219.600	48.767
11838	537268.367	50.192
11839	537318.558	47.508
11840	537366.067	46.650
11841	537412.717	45.575
11842	537458.292	49.825
11843	537508 117	47.633
11844	537555.750	48.433
11845	537604.183	45.208
11846	537649.392	47 842
11847	537697.233	47.200
11848	537744.433	47.075
11849	537791.508	46.567
11850	537838.075	48.883
11851	537886.958	50.658
11852	537937.617	47.208
11853	537984.825	49 683
11854	538034 508	47.125
11855	538081.633	47 200
11856	538128.833	45.025
11857	538173.858	45.433
11858	538219.292	43.750
11859	538263.042	46.733
11860	538309 775	47.467
11861	538357.242	48.250
11862	538405.492	43 008
11863	538448.500	46.083
11864	538494.583	47.825
11865	538542.408	44.550
11866	538586.958	43.392
11867	538630 350	48.642
11868	538678.992	44.092
11869	538723.083	43.350
11870	538766.433	44.525
11871	538810.958	45.883
11872	538856.842	47.750
11873	538904.592	44.133
11874	538948.725	49 858
11875	538998 583	42.900
11876	539041.483	40 975
11877	539082.458	44.025
11878	539126.483	45.575
11879	539172.058	47.442
11880	539219 500	49.592
11881	539269 092	45.558
11882	539314.650	36.000
11883	539350.650	35.550
11884	539386.200	48.600
11885	539434.800	46.608
11886	539481 408	49.942
11887	539531.350	47 717
11888	539579.067	47.067
11889	539626.133	50.108
11890	539676 242	37.392

Weld	Distance (ft.)	Joint Length (ft.)
11891	539713.633	48.617
11892	539762.250	45.825
11893	539808.075	47.708
11894	539855.783	51.025
11895	539906.808	37.975
11896	539944 783	44.433
11897	539989.217	47.867
11898	540037.083	52 158
11899	540089.242	45 442
11900	540134.683	44.983
11901	540179.667	50.883
11902	540230.550	51.592
11903	540282.142	45.942
11904	540328.083	48.983
11905	540377.067	51.825
11906	540428.892	50.225
11907	540479 117	41.383
11908	540520.500	49.317
11909	540569.817	6.100
11910	540575.917	50.017
11911	540625.933	46.283
11912	540672.217	51.492
11913	540723.708	47.383
11914	540771.092	43.292
11915	540814.383	50.575
11916	540864.958	44 467
11917	540909.425	48 758
11918	540958.183	40.567
11919	540998.750	45.458
11920	541044.208	47.983
11921	541092.192	50.092
11922	541142.283	34.933
11923	541177.217	49 233
11924	541226.450	52.142
11925	541278.592	49.408
11926	541328.000	50.308
11927	541378.308	46.933
11928	541425.242	50.017
11929	541475.258	49.833
11930	541525.092	34.950
11931	541560.042	50.183
11932	541610.225	48.467
11933	541658.692	47.117
11934	541705.808	50.908
11935	541756.717	15.842
11936	541772.558	48.825
11937	541821.383	51.083
11938	541872.467	49.758
11939	541922.225	49.433
11940	541971.658	15.900
11941	541987.558	51.383
11942	542038.942	51 858
11943	542090.800	49.150
11944	542139.950	49.225
11945	542189.175	48.233
11946	542237.408	29 617
11947	542267.025	39.867
11948	542306.892	46.608

Weld	Distance (ft.)	Joint Length (ft.)
11949	542353.500	17.908
11950	542371.408	50.292
11951	542421.700	48.842
11952	542470.542	50.858
11953	542521.400	50.900
11954	542572.300	50.850
11955	542623.150	50.875
11956	542674.025	50.683
11957	542724.708	32.242
11958	542756.950	50.075
11959	542807.025	44.533
11960	542851.558	34.042
11961	542885.600	49.725
11962	542935.325	50.292
11963	542985.617	51.792
11964	543037.408	49.758
11965	543087.167	51.033
11966	543138.200	49.800
11967	543188 000	49.667
11968	543237.667	50 508
11969	543288.175	49.633
11970	543337.808	49.892
11971	543387.700	50.850
11972	543438.550	46.683
11973	543485.233	49.942
11974	543535.175	48.383
11975	543583.558	51 517
11976	543635.075	48.433
11977	543683.508	47.958
11978	543731.467	49.292
11979	543780.758	51.142
11980	543831.900	50.900
11981	543882.800	50.358
11982	543933.158	49.208
11983	543982.367	51.083
11984	544033.450	46.175
11985	544079.625	44.675
11986	544124.300	50.483
11987	544174.783	49.642
11988	544224.425	50.192
11989	544274.617	17.317
11990	544291.933	48.633
11991	544340.567	31.058
11992	544371.625	49.742
11993	544421.367	50.658
11994	544472.025	19.292
11995	544491.317	22.017
11996	544513.333	26.392
11997	544539.725	49.775
11998	544589.500	47.892
11999	544637.392	51.725
12000	544689.117	48.608
12001	544737.725	46.167
12002	544783.892	51.133
12003	544835.025	50.775
12004	544885.800	50.617
12005	544936.417	47.425
12006	544983.842	49 867

Weld	Distance (ft.)	Joint Length (ft.)
12007	545033 708	49.908
12008	545083.617	48.200
12009	545131.817	49.767
12010	545181.583	50.200
12011	545231.783	50.367
12012	545282.150	49.575
12013	545331.725	49.758
12014	545381.483	46 708
12015	545428 192	29.908
12016	545458.100	50.658
12017	545508.758	16.533
12018	545525.292	48.533
12019	545573.825	48.942
12020	545622.767	52.267
12021	545675.033	49.325
12022	545724.358	51.858
12023	545776 217	50.642
12024	545826.858	49.067
12025	545875.925	50.258
12026	545926.183	47.642
12027	545973 825	48.942
12028	546022.767	47.792
12029	546070.558	51.333
12030	546121.892	50.550
12031	546172.442	49.625
12032	546222.067	48.842
12033	546270.908	48 875
12034	546319.783	49.033
12035	546368.817	47.992
12036	546416.808	47.692
12037	546464.500	46.883
12038	546511 383	48 792
12039	546560.175	51.167
12040	546611.342	47.983
12041	546659.325	47.642
12042	546706.967	48.275
12043	546755.242	50.258
12044	546805.500	49.908
12045	546855.408	51.183
12046	546906.592	47.750
12047	546954.342	48.317
12048	547002.658	46.992
12049	547049.650	49.183
12050	547098.833	48.942
12051	547147.775	42 017
12052	547189.792	49.592
12053	547239.383	47.683
12054	547287.067	46.433
12055	547333.500	48.758
12056	547382.258	50.967
12057	547433.225	36.642
12058	547469.867	48.800
12059	547518.667	45.683
12060	547564.350	41.800
12061	547606.150	42.675
12062	547648.825	43.700
12063	547692.525	45.708
12064	547738 233	47 417

Weld	Distance (ft.)	Joint Length (ft.)
12065	547785.650	48.825
12066	547834.475	46.308
12067	547880.783	47.900
12068	547928.683	40.125
12069	547968.808	47.708
12070	548016.517	50.358
12071	548066.875	45.817
12072	548112.692	49.600
12073	548162.292	49.967
12074	548212.258	44.758
12075	548257.017	49.383
12076	548306.400	49.125
12077	548355.525	49.808
12078	548405.333	50.050
12079	548455.383	45.300
12080	548500 683	47.783
12081	548548.467	48.933
12082	548597.400	49 592
12083	548646.992	48.758
12084	548695.750	50.892
12085	548746 642	49.267
12086	548795.908	46.250
12087	548842.158	48.083
12088	548890.242	49.025
12089	548939.267	47.858
12090	548987.125	49.867
12091	549036.992	48.875
12092	549085.867	47.192
12093	549133.058	50.783
12094	549183.842	50 225
12095	549234.067	47.233
12096	549281 300	45.092
12097	549326.392	48.892
12098	549375.283	50.858
12099	549426.142	35.458
12100	549461.600	49.800
12101	549511.400	49.217
12102	549560.617	48.408
12103	549609.025	49.625
12104	549658.650	50.550
12105	549709.200	50.917
12106	549760.117	48.683
12107	549808.800	48 767
12108	549857.567	24.367
12109	549881.933	23.267
12110	549905.200	50.083
12111	549955.283	41 608
12112	549996.892	51.183
12113	550048.075	49.892
12114	550097.967	49.975
12115	550147.942	49 308
12116	550197.250	46.883
12117	550244.133	50.442
12118	550294.575	49.642
12119	550344.217	49.208
12120	550393.425	49.100
12121	550442.525	48.683
12122	550491.208	42.817

Weld	Distance (ft.)	Joint Length (ft.)
12123	550534.025	49.775
12124	550583.800	49.167
12125	550632.967	50.625
12126	550683 592	47.525
12127	550731.117	50.492
12128	550781.608	50 858
12129	550832.467	49.742
12130	550882.208	48.992
12131	550931.200	46.292
12132	550977.492	40.492
12133	551017.983	50.158
12134	551068.142	33.133
12135	551101.275	24.900
12136	551126 175	48.067
12137	551174 242	47.567
12138	551221.808	47.417
12139	551269.225	50.367
12140	551319.592	49.842
12141	551369.433	50.208
12142	551419.642	50.775
12143	551470 417	45.817
12144	551516.233	48.692
12145	551564.925	46.158
12146	551611.083	46.925
12147	551658.008	48.642
12148	551706 650	49.442
12149	551756 092	50.658
12150	551806.750	49.850
12151	551856.600	38.667
12152	551895.267	50.025
12153	551945.292	49 492
12154	551994.783	49.550
12155	552044.333	49.408
12156	552093.742	49.233
12157	552142.975	9.800
12158	552152.775	49 217
12159	552201.992	47.942
12160	552249.933	48.550
12161	552298.483	17.775
12162	552316.258	48.908
12163	552365.167	48.783
12164	552413.950	45.383
12165	552459.333	48.125
12166	552507.458	49.358
12167	552556.817	47 625
12168	552604.442	50.800
12169	552655.242	48.800
12170	552704.042	50.333
12171	552754 375	32.067
12172	552786.442	47 917
12173	552834.358	50.367
12174	552884.725	49.817
12175	552934 542	50.392
12176	552984.933	48 475
12177	553033.408	50.067
12178	553083.475	45.025
12179	553128.500	45.783
12180	553174.283	42.542

Weld	Distance (ft.)	Joint Length (ft.)
12181	553216 825	47.275
12182	553264.100	49.583
12183	553313 683	48.475
12184	553362.158	49.383
12185	553411.542	49.742
12186	553461.283	50.450
12187	553511.733	48.542
12188	553560.275	49.408
12189	553609.683	48.408
12190	553658 092	50.058
12191	553708.150	46.250
12192	553754.400	46.408
12193	553800.808	49.008
12194	553849.817	47 592
12195	553897.408	32.783
12196	553930 192	35.025
12197	553965.217	46.642
12198	554011 858	49.667
12199	554061.525	48.942
12200	554110.467	51.042
12201	554161.508	49.225
12202	554210.733	48.367
12203	554259.100	50.267
12204	554309.367	47.967
12205	554357.333	47.667
12206	554405.000	44.067
12207	554449.067	48.683
12208	554497.750	44.342
12209	554542.092	46.742
12210	554588.833	49 133
12211	554637.967	44.825
12212	554682.792	50.225
12213	554733.017	48.083
12214	554781.100	47.425
12215	554828.525	49.883
12216	554878.408	50 008
12217	554928.417	50.642
12218	554979.058	49.933
12219	555028 992	50.258
12220	555079.250	48.792
12221	555128.042	25 267
12222	555153.308	47.125
12223	555200.433	49.125
12224	555249 558	48.142
12225	555297.700	51 050
12226	555348.750	19.417
12227	555368.167	47.142
12228	555415 308	48.658
12229	555463.967	46.000
12230	555509.967	49.883
12231	555559.850	48.075
12232	555607.925	50.783
12233	555658.708	47.942
12234	555706.650	47.892
12235	555754.542	46.800
12236	555801.342	47.042
12237	555848.383	28.775
12238	555877.158	49.008

Weld	Distance (ft.)	Joint Length (ft.)
12239	555926 167	30.300
12240	555956.467	49.250
12241	556005.717	47.733
12242	556053.450	50.383
12243	556103.833	14.867
12244	556118.700	47.367
12245	556166.067	51.208
12246	556217.275	43.000
12247	556260.275	49.517
12248	556309.792	46.750
12249	556356.542	49.767
12250	556406.308	46.792
12251	556453.100	49.442
12252	556502.542	49.967
12253	556552.508	46.867
12254	556599.375	50.858
12255	556650.233	43.650
12256	556693.883	45.642
12257	556739.525	47.025
12258	556786.550	45 883
12259	556832.433	47 100
12260	556879.533	48.250
12261	556927.783	49.642
12262	556977.425	31.517
12263	557008.942	48.667
12264	557057.608	49.225
12265	557106 833	45.708
12266	557152.542	49.108
12267	557201.650	50.533
12268	557252.183	49.517
12269	557301.700	48.100
12270	557349.800	46.150
12271	557395.950	50.575
12272	557446.525	50.275
12273	557496.800	46.267
12274	557543.067	35.883
12275	557578.950	50.408
12276	557629.358	47.867
12277	557677.225	47.792
12278	557725.017	51.008
12279	557776.025	51.008
12280	557827 033	50.175
12281	557877.208	15.950
12282	557893.158	33.175
12283	557926.333	48.192
12284	557974.525	49 258
12285	558023.783	23.725
12286	558047.508	48.700
12287	558096.208	48.525
12288	558144.733	27.842
12289	558172.575	48.808
12290	558221.383	48.983
12291	558270.367	37.200
12292	558307.567	47 808
12293	558355 375	38.058
12294	558393.433	37.108
12295	558430.542	48.633
12296	558479.175	46.208

Weld	Distance (ft.)	Joint Length (ft.)
12297	558525.383	47.858
12298	558573.242	49.175
12299	558622.417	46.100
12300	558668.517	51.542
12301	558720.058	49.750
12302	558769.808	47.225
12303	558817.033	48.017
12304	558865.050	48.642
12305	558913.692	50.733
12306	558964.425	48 033
12307	559012.458	51.133
12308	559063.592	51.875
12309	559115.467	48.767
12310	559164.233	49.050
12311	559213.283	48.242
12312	559261.525	42.933
12313	559304.458	35.517
12314	559339.975	50.425
12315	559390.400	50.142
12316	559440.542	50.408
12317	559490 950	48.175
12318	559539.125	50.792
12319	559589 917	48.000
12320	559637.917	49.617
12321	559687.533	48.050
12322	559735.583	48.558
12323	559784.142	50.567
12324	559834.708	49.442
12325	559884.150	49.483
12326	559933.633	48.408
12327	559982.042	48.117
12328	560030.158	49.733
12329	560079 892	51.167
12330	560131.058	49.692
12331	560180.750	50.950
12332	560231.700	49.183
12333	560280.883	50.383
12334	560331.267	50.050
12335	560381.317	51.017
12336	560432.333	49.350
12337	560481.683	48.642
12338	560530.325	50.017
12339	560580 342	50.142
12340	560630.483	45.942
12341	560676.425	50.942
12342	560727.367	50.508
12343	560777.875	51.200
12344	560829.075	50.325
12345	560879.400	49.208
12346	560928.608	44.300
12347	560972.908	46.525
12348	561019.433	49.933
12349	561069.367	50.517
12350	561119.883	46.850
12351	561166.733	49.233
12352	561215 967	48.133
12353	561264.100	48 900
12354	561313.000	51.042

Weld	Distance (ft.)	Joint Length (ft.)
12355	561364.042	49 233
12356	561413.275	49.517
12357	561462.792	47.583
12358	561510.375	49.517
12359	561559.892	47.767
12360	561607.658	50.017
12361	561657.675	51.475
12362	561709.150	49.242
12363	561758.392	50.358
12364	561808.750	49.392
12365	561858.142	49.233
12366	561907.375	47.975
12367	561955 350	51 092
12368	562006.442	46.292
12369	562052.733	50.525
12370	562103 258	45.342
12371	562148.600	50.883
12372	562199 483	41.317
12373	562240.800	46 217
12374	562287.017	49.458
12375	562336 475	49.592
12376	562386.067	47.758
12377	562433.825	49.542
12378	562483.367	49.367
12379	562532.733	48.992
12380	562581.725	50.358
12381	562632.083	50.608
12382	562682.692	33.583
12383	562716.275	14.125
12384	562730.400	48 883
12385	562779.283	51.458
12386	562830.742	43.675
12387	562874.417	49.100
12388	562923.517	47 817
12389	562971.333	47.625
12390	563018.958	36.850
12391	563055.808	46.867
12392	563102.675	48.367
12393	563151.042	46.100
12394	563197.142	41.950
12395	563239.092	48 750
12396	563287.842	49.117
12397	563336.958	43.808
12398	563380.767	44.300
12399	563425.067	48.875
12400	563473.942	43.558
12401	563517.500	46.292
12402	563563.792	44.483
12403	563608.275	48.250
12404	563656.525	47.125
12405	563703.650	43.850
12406	563747.500	50.217
12407	563797 717	48.842
12408	563846.558	50.975
12409	563897.533	51.500
12410	563949 033	51.200
12411	564000 233	49.700
12412	564049.933	45.450

Weld	Distance (ft.)	Joint Length (ft.)
12413	564095.383	49.800
12414	564145.183	47.792
12415	564192.975	46.667
12416	564239.642	47.900
12417	564287.542	48 817
12418	564336 358	49 025
12419	564385.383	49.633
12420	564435.017	50.183
12421	564485.200	48.442
12422	564533 642	47.900
12423	564581 542	46.833
12424	564628.375	51.675
12425	564680.050	45.542
12426	564725.592	49.967
12427	564775 558	45.225
12428	564820.783	46.217
12429	564867.000	47.408
12430	564914.408	46 433
12431	564960.842	46.675
12432	565007.517	46.783
12433	565054 300	49.517
12434	565103.817	46.525
12435	565150.342	45.175
12436	565195.517	49.392
12437	565244.908	48.692
12438	565293.600	40.017
12439	565333.617	49.142
12440	565382.758	49.717
12441	565432.475	46.117
12442	565478.592	48.583
12443	565527.175	49.775
12444	565576.950	49.925
12445	565626.875	49.667
12446	565676.542	47.458
12447	565724.000	50.258
12448	565774.258	45.575
12449	565819 833	49.533
12450	565869.367	49 808
12451	565919.175	45.725
12452	565964 900	6.967
12453	565971.867	6.917
12454	565978.783	17.242
12455	565996.025	43.083
12456	566039 108	25.533
12457	566064.642	50.600
12458	566115.242	51.000
12459	566166.242	51.183
12460	566217.425	38 658
12461	566256.083	47.992
12462	566304.075	48.925
12463	566353.000	50.058
12464	566403.058	46.150
12465	566449.208	50.467
12466	566499.675	50.150
12467	566549.825	50 092
12468	566599.917	50.825
12469	566650.742	45.975
12470	566696.717	49.067

Weld	Distance (ft.)	Joint Length (ft.)
12471	566745 783	48.008
12472	566793 792	50.033
12473	566843.825	45.192
12474	566889.017	46 950
12475	566935.967	48.700
12476	566984 667	50.725
12477	567035 392	45.858
12478	567081.250	48.692
12479	567129.942	47 608
12480	567177.550	49.317
12481	567226.867	46.942
12482	567273.808	47.142
12483	567320 950	48.983
12484	567369.933	49.683
12485	567419.617	47 617
12486	567467.233	48.633
12487	567515.867	47.275
12488	567563.142	49.800
12489	567612.942	45.775
12490	567658.717	51.383
12491	567710.100	50.592
12492	567760 692	46.442
12493	567807.133	49.850
12494	567856.983	45 475
12495	567902.458	46 758
12496	567949.217	48.950
12497	567998.167	50.533
12498	568048.700	50.375
12499	568099.075	23.992
12500	568123.067	13.842
12501	568136.908	44.367
12502	568181.275	49.700
12503	568230.975	48.742
12504	568279.717	50.883
12505	568330.600	47.992
12506	568378.592	49.450
12507	568428.042	49.092
12508	568477.133	37.575
12509	568514.708	50.125
12510	568564.833	49.767
12511	568614.600	49.817
12512	568664.417	49.458
12513	568713.875	46.692
12514	568760.567	49 592
12515	568810.158	47.075
12516	568857 233	47.917
12517	568905 150	42.525
12518	568947.675	47.042
12519	568994 717	47.683
12520	569042 400	44.392
12521	569086.792	44.575
12522	569131.367	48.200
12523	569179.567	47.975
12524	569227.542	49.950
12525	569277.492	46.942
12526	569324.433	27.642
12527	569352 075	41.242
12528	569393.317	45.792

Weld	Distance (ft.)	Joint Length (ft.)
12529	569439.108	46.458
12530	569485.567	47.108
12531	569532 675	45.583
12532	569578 258	47.450
12533	569625.708	45.317
12534	569671.025	47.817
12535	569718.842	47.267
12536	569766.108	46.133
12537	569812.242	45.192
12538	569857.433	47.175
12539	569904.608	46.758
12540	569951 367	47.225
12541	569998.592	50.758
12542	570049.350	42.683
12543	570092.033	46.083
12544	570138.117	47 317
12545	570185.433	48.400
12546	570233.833	50.700
12547	570284 533	46.925
12548	570331 458	48.925
12549	570380.383	47.158
12550	570427.542	49.200
12551	570476.742	45.775
12552	570522.517	50.442
12553	570572.958	42.942
12554	570615.900	46.950
12555	570662.850	46.150
12556	570709.000	49.375
12557	570758.375	49.642
12558	570808.017	49.100
12559	570857.117	47.192
12560	570904.308	49.808
12561	570954 117	35.775
12562	570989.892	46.933
12563	571036.825	47.158
12564	571083.983	46 433
12565	571130.417	47.358
12566	571177.775	49.725
12567	571227.500	47.833
12568	571275.333	48.333
12569	571323.667	49.633
12570	571373.300	44.258
12571	571417.558	46.567
12572	571464 125	49.717
12573	571513.842	46.792
12574	571560.633	47.750
12575	571608.383	50.283
12576	571658.667	32.092
12577	571690 758	46.433
12578	571737.192	49.150
12579	571786.342	48.150
12580	571834.492	49.333
12581	571883.825	50.150
12582	571933.975	49.342
12583	571983.317	49.333
12584	572032.650	50 950
12585	572083 600	46.450
12586	572130.050	48.167

Weld	Distance (ft.)	Joint Length (ft.)
12587	572178 217	49 592
12588	572227.808	48.950
12589	572276 758	48.525
12590	572325.283	35.908
12591	572361.192	49.542
12592	572410.733	45.750
12593	572456.483	50.442
12594	572506.925	48.350
12595	572555.275	47.808
12596	572603.083	49 342
12597	572652 425	50.550
12598	572702.975	50.358
12599	572753.333	50.183
12600	572803.517	50.225
12601	572853.742	50.767
12602	572904.508	49.958
12603	572954 467	45.417
12604	572999.883	49.267
12605	573049.150	50.958
12606	573100.108	45.775
12607	573145.883	50.558
12608	573196.442	49.042
12609	573245.483	46.433
12610	573291.917	48.558
12611	573340 475	45.250
12612	573385.725	50.075
12613	573435.800	50.108
12614	573485.908	48.467
12615	573534.375	49.183
12616	573583.558	50.917
12617	573634 475	46.333
12618	573680.808	44.225
12619	573725.033	50.133
12620	573775.167	42.892
12621	573818.058	50.042
12622	573868.100	50.567
12623	573918.667	50.958
12624	573969.625	49.925
12625	574019.550	46.842
12626	574066.392	45 367
12627	574111.758	46.258
12628	574158.017	46.817
12629	574204.833	47.933
12630	574252.767	45.900
12631	574298.667	49.175
12632	574347.842	49.475
12633	574397.317	48.442
12634	574445.758	40.658
12635	574486.417	46.583
12636	574533.000	50.083
12637	574583 083	48.100
12638	574631.183	50.117
12639	574681.300	49.592
12640	574730.892	45.167
12641	574776.058	49.792
12642	574825.850	44.633
12643	574870.483	46.233
12644	574916.717	46.975

Weld	Distance (ft.)	Joint Length (ft.)
12645	574963.692	50.933
12646	575014.625	48.842
12647	575063.467	46.817
12648	575110.283	47.833
12649	575158.117	48.492
12650	575206.608	45 542
12651	575252.150	47 025
12652	575299.175	50.000
12653	575349.175	46.975
12654	575396.150	45.625
12655	575441.775	48.192
12656	575489.967	45.833
12657	575535.800	47.492
12658	575583.292	44.575
12659	575627.867	50 050
12660	575677.917	50.358
12661	575728.275	49.275
12662	575777.550	43.833
12663	575821.383	46.050
12664	575867.433	46.725
12665	575914.158	49.992
12666	575964.150	47.783
12667	576011.933	48.900
12668	576060.833	44.325
12669	576105.158	50.333
12670	576155.492	49.600
12671	576205.092	49.183
12672	576254.275	43.833
12673	576298.108	50 192
12674	576348.300	47.442
12675	576395.742	47.475
12676	576443 217	51.217
12677	576494.433	45.383
12678	576539.817	50.858
12679	576590.675	49.900
12680	576640.575	51.167
12681	576691.742	48.192
12682	576739.933	51.550
12683	576791.483	50.417
12684	576841.900	46.433
12685	576888.333	47.092
12686	576935.425	51.075
12687	576986.500	51.008
12688	577037.508	50.608
12689	577088.117	49 608
12690	577137.725	46.408
12691	577184.133	46.475
12692	577230.608	47.100
12693	577277.708	51 042
12694	577328.750	50.658
12695	577379.408	49.975
12696	577429.383	49.617
12697	577479.000	49.975
12698	577528.975	50.433
12699	577579.408	46.758
12700	577626.167	46.450
12701	577672.617	48.875
12702	577721.492	47.275

Weld	Distance (ft.)	Joint Length (ft.)
12703	577768.767	49.600
12704	577818 367	47.333
12705	577865.700	49.142
12706	577914.842	51.308
12707	577966.150	47.617
12708	578013.767	50.633
12709	578064.400	46.592
12710	578110.992	50.900
12711	578161.892	51.292
12712	578213.183	48.550
12713	578261.733	50.425
12714	578312.158	45.142
12715	578357.300	49.633
12716	578406 933	48.592
12717	578455.525	50.242
12718	578505.767	50.908
12719	578556.675	50 175
12720	578606.850	50.550
12721	578657.400	49.558
12722	578706.958	49.508
12723	578756.467	45.558
12724	578802.025	50 683
12725	578852.708	48.458
12726	578901.167	47.708
12727	578948.875	49.425
12728	578998.300	51.008
12729	579049.308	47.625
12730	579096 933	47.817
12731	579144.750	47.475
12732	579192.225	46.417
12733	579238.642	50.192
12734	579288.833	51.183
12735	579340.017	46.900
12736	579386.917	47.883
12737	579434 800	44.208
12738	579479.008	47.292
12739	579526.300	47.533
12740	579573.833	46.458
12741	579620 292	48.842
12742	579669.133	50.717
12743	579719.850	49.533
12744	579769.383	50.158
12745	579819.542	45.533
12746	579865.075	49.108
12747	579914 183	51.350
12748	579965.533	44.100
12749	580009.633	46.317
12750	580055.950	45 342
12751	580101.292	49.925
12752	580151.217	51.392
12753	580202.608	50 950
12754	580253 558	50.408
12755	580303.967	50.517
12756	580354.483	50.683
12757	580405 167	47.642
12758	580452.808	51.875
12759	580504.683	51.883
12760	580556 567	50.758

Weld	Distance (ft.)	Joint Length (ft.)
12761	580607.325	46.617
12762	580653.942	45.892
12763	580699.833	50.692
12764	580750.525	49.225
12765	580799.750	47.933
12766	580847 683	47.017
12767	580894.700	47.142
12768	580941.842	48.358
12769	580990.200	50.925
12770	581041.125	46.875
12771	581088.000	46.700
12772	581134.700	47 100
12773	581181 800	27.008
12774	581208.808	44 475
12775	581253.283	46.083
12776	581299.367	48.233
12777	581347 600	48.900
12778	581396.500	42.550
12779	581439.050	43.625
12780	581482.675	49.150
12781	581531.825	50.942
12782	581582.767	48.800
12783	581631.567	49.725
12784	581681.292	51.908
12785	581733.200	49.542
12786	581782.742	41 308
12787	581824.050	48 800
12788	581872.850	45.617
12789	581918.467	51.392
12790	581969.858	49.158
12791	582019 017	51.842
12792	582070.858	38.500
12793	582109.358	47.150
12794	582156 508	47.492
12795	582204 000	43 525
12796	582247.525	50.867
12797	582298.392	45.150
12798	582343.542	45.417
12799	582388.958	49.358
12800	582438.317	50.983
12801	582489.300	45.950
12802	582535 250	51.150
12803	582586.400	50.625
12804	582637.025	50.017
12805	582687.042	50.225
12806	582737.267	49.708
12807	582786.975	50.392
12808	582837.367	47.117
12809	582884.483	45.742
12810	582930.225	43.075
12811	582973.300	47.225
12812	583020.525	49.042
12813	583069.567	48.733
12814	583118 300	44.433
12815	583162.733	48.400
12816	583211 133	47.058
12817	583258.192	49.667
12818	583307.858	50.967

Weld	Distance (ft.)	Joint Length (ft.)
12819	583358.825	47 458
12820	583406.283	47.883
12821	583454.167	48.500
12822	583502.667	46.008
12823	583548.675	46.150
12824	583594.825	49.525
12825	583644.350	47.758
12826	583692.108	46.950
12827	583739.058	48.408
12828	583787.467	49.342
12829	583836.808	49.658
12830	583886.467	46 775
12831	583933.242	48 233
12832	583981.475	48.325
12833	584029.800	46.742
12834	584076.542	49.000
12835	584125 542	51 067
12836	584176.608	49.467
12837	584226.075	46.458
12838	584272.533	47.883
12839	584320.417	46.700
12840	584367.117	46 108
12841	584413.225	48.700
12842	584461.925	30.908
12843	584492.833	46.567
12844	584539.400	16.925
12845	584556.325	50.425
12846	584606.750	46.375
12847	584653.125	49.125
12848	584702 250	47.675
12849	584749.925	46 350
12850	584796.275	50 567
12851	584846.842	47.383
12852	584894.225	49.517
12853	584943.742	47.508
12854	584991.250	47.200
12855	585038.450	48.358
12856	585086.808	49.933
12857	585136.742	51.492
12858	585188.233	47.583
12859	585235 817	46.825
12860	585282.642	50.100
12861	585332.742	46.325
12862	585379.067	47.592
12863	585426.658	45.892
12864	585472.550	46.258
12865	585518.808	51 067
12866	585569.875	48.867
12867	585618.742	46.667
12868	585665.408	46.800
12869	585712.208	46.858
12870	585759.067	49.017
12871	585808.083	46.750
12872	585854.833	48 383
12873	585903.217	42.667
12874	585945.883	43.000
12875	585988.883	45.608
12876	586034.492	47.725

Weld	Distance (ft.)	Joint Length (ft.)
12877	586082.217	48.042
12878	586130.258	46.842
12879	586177.100	51.717
12880	586228.817	46.583
12881	586275.400	50.600
12882	586326.000	47.842
12883	586373 842	51.400
12884	586425.242	47.767
12885	586473.008	50.983
12886	586523.992	47.617
12887	586571.608	46.708
12888	586618.317	50.750
12889	586669.067	44.750
12890	586713.817	49.083
12891	586762.900	50.558
12892	586813.458	44.958
12893	586858 417	47.858
12894	586906.275	48.408
12895	586954.683	51.375
12896	587006.058	47.900
12897	587053.958	45.192
12898	587099.150	50.158
12899	587149 308	48.275
12900	587197 583	24.258
12901	587221.842	46.100
12902	587267.942	47.550
12903	587315.492	47.400
12904	587362.892	22.600
12905	587385.492	47 275
12906	587432.767	50.692
12907	587483.458	51.850
12908	587535 308	50.075
12909	587585.383	46.733
12910	587632.117	51.417
12911	587683.533	47 817
12912	587731.350	48.225
12913	587779.575	47.950
12914	587827.525	50.433
12915	587877.958	45.542
12916	587923.500	46.458
12917	587969.958	48.700
12918	588018.658	49 933
12919	588068 592	47.917
12920	588116.508	49.658
12921	588166.167	48.208
12922	588214.375	47.867
12923	588262.242	47.850
12924	588310 092	48.033
12925	588358.125	47.983
12926	588406.108	50.900
12927	588457.008	46.225
12928	588503.233	49.975
12929	588553.208	46.933
12930	588600.142	47.975
12931	588648.117	48.375
12932	588696.492	48.667
12933	588745 158	51.242
12934	588796.400	49.033

Weld	Distance (ft.)	Joint Length (ft.)
12935	588845 433	48.750
12936	588894.183	46.775
12937	588940.958	50.142
12938	588991.100	47.208
12939	589038.308	34.933
12940	589073.242	5.500
12941	589078.742	39.633
12942	589118.375	44.442
12943	589162 817	43.492
12944	589206.308	40.933
12945	589247.242	48 150
12946	589295.392	48.625
12947	589344.017	48.400
12948	589392.417	47.042
12949	589439.458	50.475
12950	589489.933	47.425
12951	589537 358	39.867
12952	589577.225	47.983
12953	589625.208	49.192
12954	589674.400	45.958
12955	589720.358	51.292
12956	589771.650	46.825
12957	589818 475	46.800
12958	589865 275	45.967
12959	589911.242	50.433
12960	589961.675	46.950
12961	590008.625	39.408
12962	590048.033	42.792
12963	590090.825	49.625
12964	590140.450	50.733
12965	590191.183	48.733
12966	590239.917	47.983
12967	590287.900	46.433
12968	590334.333	49.983
12969	590384.317	46.017
12970	590430.333	44 183
12971	590474.517	43 475
12972	590517.992	48.650
12973	590566 642	50.550
12974	590617.192	48.975
12975	590666.167	51.258
12976	590717.425	48 275
12977	590765.700	46.642
12978	590812.342	48.917
12979	590861.258	50.817
12980	590912.075	38.992
12981	590951.067	50 858
12982	591001.925	39.017
12983	591040.942	30.050
12984	591070.992	4.025
12985	591075.017	15.983
12986	591091.000	49.567
12987	591140.567	41.792
12988	591182.358	49.425
12989	591231.783	49.900
12990	591281.683	47.675
12991	591329.358	49.842
12992	591379.200	46.908

Weld	Distance (ft.)	Joint Length (ft.)
12993	591426.108	46.550
12994	591472.658	48.600
12995	591521.258	42.967
12996	591564.225	51.475
12997	591615.700	44.658
12998	591660.358	51.758
12999	591712.117	7.242
13000	591719.358	45.983
13001	591765.342	44.583
13002	591809.925	48.867
13003	591858.792	49.900
13004	591908.692	46.358
13005	591955.050	48.450
13006	592003 500	49.500
13007	592053 000	51.625
13008	592104.625	48.858
13009	592153.483	50.950
13010	592204.433	47.417
13011	592251.850	34.708
13012	592286 558	44.125
13013	592330.683	29.433
13014	592360.117	3.283
13015	592363.400	11.050
13016	592374.450	50.117
13017	592424.567	44.342
13018	592468.908	45.183
13019	592514.092	38.458
13020	592552.550	49.708
13021	592602.258	48.592
13022	592650.850	46.158
13023	592697.008	46.950
13024	592743.958	49.617
13025	592793.575	49.292
13026	592842.867	46.025
13027	592888.892	45.192
13028	592934.083	51.758
13029	592985.842	42.433
13030	593028.275	44.342
13031	593072.617	48.150
13032	593120.767	46.142
13033	593166.908	46.383
13034	593213.292	47.625
13035	593260.917	46.333
13036	593307.250	50 533
13037	593357.783	46.100
13038	593403.883	45.475
13039	593449.358	45.158
13040	593494 517	36.975
13041	593531.492	44.392
13042	593575.883	49.900
13043	593625.783	48.092
13044	593673.875	46.158
13045	593720.033	47.025
13046	593767.058	46.125
13047	593813.183	45.950
13048	593859.133	50.642
13049	593909.775	45.708
13050	593955.483	46.117

Weld	Distance (ft.)	Joint Length (ft.)
13051	594001.600	49.767
13052	594051.367	50.250
13053	594101.617	48.450
13054	594150.067	49.233
13055	594199.300	51 275
13056	594250.575	47.317
13057	594297.892	47.083
13058	594344.975	46.967
13059	594391.942	51.408
13060	594443.350	38.458
13061	594481.808	49.883
13062	594531.692	51.550
13063	594583.242	49.833
13064	594633.075	52.208
13065	594685 283	45.600
13066	594730.883	46.467
13067	594777.350	49.425
13068	594826.775	46 042
13069	594872.817	51.867
13070	594924 683	47 192
13071	594971.875	49.808
13072	595021.683	47.850
13073	595069.533	51.092
13074	595120.625	49.983
13075	595170.608	44.583
13076	595215.192	50.633
13077	595265.825	45.483
13078	595311.308	48.233
13079	595359.542	50.375
13080	595409.917	47.533
13081	595457.450	47.267
13082	595504.717	44.883
13083	595549.600	48.725
13084	595598 325	45 625
13085	595643.950	47.617
13086	595691.567	46.883
13087	595738.450	43.758
13088	595782.208	50.867
13089	595833.075	42.108
13090	595875.183	45.208
13091	595920.392	46.692
13092	595967.083	47.017
13093	596014 100	46.908
13094	596061.008	40.683
13095	596101.692	49.892
13096	596151.583	46.950
13097	596198.533	52.275
13098	596250.808	45.792
13099	596296.600	50.150
13100	596346.750	48.208
13101	596394.958	50.367
13102	596445.325	45.067
13103	596490.392	49.017
13104	596539.408	45.158
13105	596584 567	46.825
13106	596631 392	48 883
13107	596680.275	46.775
13108	596727.050	49.458
13109	596776.508	47.650
13110	596824 158	44.675
13111	596868.833	49 308
13112	596918.142	44.825
13113	596962.967	43 567
13114	597006.533	44 358
13115	597050.892	47.775
13116	597098.667	47.808
13117	597146.475	47.317
13118	597193 792	44.375
13119	597238 167	50.892
13120	597289.058	51.875
13121	597340.933	48 225
13122	597389.158	45.083
13123	597434.242	48.500
13124	597482.742	45.800
13125	597528 542	48.367
13126	597576.908	52.058
13127	597628.967	43.183
13128	597672.150	49.167
13129	597721.317	47.683
13130	597769.000	47.075
13131	597816.075	51.333
13132	597867.408	47.750
13133	597915.158	18.683
13134	597933.842	49.942
13135	597983.783	51.583
13136	598035.367	6 417
13137	598041.783	4.792
13138	598046.575	3.675
13139	598050.250	36.517
13140	598086 767	51.017
13141	598137.783	4.867
13142	598142.650	7.608
13143	598150.258	35.925
13144	598186.183	49.275
13145	598235.458	51.025
13146	598286.483	25.808
13147	598312.292	11.267
13148	598323 558	48.342
13149	598371.900	42.725
13150	598414 625	3.092
13151	598417.717	37.267
13152	598454.983	5.617
13153	598460 600	49.450
13154	598510.050	48.867
13155	598558.917	48 208
13156	598607.125	45.350
13157	598652.475	45.208
13158	598697 683	49.217
13159	598746.900	41.525
13160	598788.425	2.025
13161	598790.450	12.167
13162	598802.617	43.783
13163	598846.400	44 258
13164	598890.658	43.658
13165	598934.317	17.483
13166	598951.800	7.583
13167	598959.383	19.533
13168	598978.917	43.558
13169	599022.475	35.283
13170	599057.758	21.967
13171	599079.725	39.775
13172	599119.500	41 717
13173	599161.217	40 767
13174	599201.983	33.833
13175	599235.817	42.958
13176	599278.775	43.800
13177	599322.575	41.492
13178	599364.067	43.283
13179	599407.350	42.767
13180	599450 117	43.142
13181	599493.258	20 250
13182	599513.508	11.717
13183	599525.225	30.192
13184	599555.417	42.800
13185	599598.217	34.250
13186	599632.467	1.925
13187	599634.392	3 433
13188	599637.825	1.825
13189	599639.650	11 433
13190	599651.083	41.950
13191	599693.033	43.717
13192	599736.750	42.242
13193	599778.992	43 167
13194	599822.158	2.017
13195	599824.175	45.992
13196	599870.167	51.817
13197	599921.983	52.333
13198	599974.317	49.992
13199	600024.308	49 900
13200	600074.208	52.417
13201	600126.625	47.675
13202	600174.300	52.183
13203	600226.483	48.492
13204	600274.975	9.625
13205	600284.600	50.650
13206	600335.250	52.183
13207	600387.433	43.542
13208	600430.975	45.375
13209	600476.350	48.408
13210	600524.758	46.017
13211	600570.775	45.467
13212	600616 242	44.333
13213	600660.575	51.367
13214	600711.942	26.575
13215	600738.517	27.258
13216	600765.775	50.200
13217	600815 975	22.300
13218	600838.275	48.358
13219	600886.633	51.325
13220	600937.958	49.600
13221	600987.558	46.308
13222	601033 867	45.542
13223	601079.408	39 650
13224	601119.058	49.400

Weld	Distance (ft.)	Joint Length (ft.)
13225	601168.458	50.225
13226	601218.683	48.950
13227	601267.633	44.525
13228	601312.158	48.908
13229	601361.067	47.283
13230	601408.350	46.483
13231	601454.833	47.567
13232	601502.400	50.375
13233	601552.775	49.525
13234	601602.300	15.017
13235	601617.317	48.708
13236	601666 025	50.708
13237	601716.733	46.633
13238	601763 367	47.108
13239	601810.475	44.058
13240	601854.533	46.667
13241	601901.200	34.092
13242	601935.292	39 742
13243	601975.033	8.533
13244	601983 567	39.625
13245	602023 192	50.058
13246	602073.250	6.575
13247	602079.825	51.192
13248	602131.017	48 142
13249	602179.158	24 467
13250	602203.625	47.925
13251	602251.550	49.450
13252	602301.000	50.067
13253	602351 067	24.533
13254	602375 600	47.925
13255	602423.525	49.192
13256	602472.717	47 483
13257	602520.200	44.625
13258	602564.825	50.858
13259	602615 683	49.442
13260	602665 125	47.992
13261	602713 117	51.692
13262	602764 808	46.558
13263	602811.367	41 625
13264	602852.992	47.958
13265	602900.950	46.817
13266	602947.767	44.917
13267	602992.683	50.808
13268	603043.492	47.533
13269	603091.025	47.300
13270	603138.325	48.217
13271	603186.542	48.967
13272	603235.508	6.575
13273	603242.083	49.617
13274	603291.700	47.583
13275	603339.283	46.158
13276	603385.442	50.083
13277	603435 525	52.008
13278	603487.533	48.142
13279	603535 675	48.375
13280	603584.050	41 083
13281	603625.133	49.092
13282	603674.225	11.042

Weld	Distance (ft.)	Joint Length (ft.)
13283	603685.267	45.950
13284	603731.217	49.908
13285	603781.125	48.017
13286	603829.142	48.408
13287	603877.550	45.908
13288	603923.458	46.083
13289	603969.542	47.158
13290	604016 700	42.800
13291	604059 500	7.108
13292	604066.608	2.025
13293	604068.633	1.992
13294	604070.625	49.217
13295	604119.842	36.550
13296	604156.392	46.517
13297	604202.908	44.533
13298	604247.442	47.083
13299	604294.525	50.858
13300	604345.383	51.183
13301	604396.567	48 792
13302	604445.358	46 533
13303	604491.892	47.833
13304	604539.725	50.125
13305	604589.850	48.308
13306	604638.158	45.583
13307	604683.742	48.358
13308	604732.100	39.158
13309	604771.258	44.817
13310	604816.075	49.075
13311	604865.150	49.883
13312	604915.033	46.792
13313	604961.825	48.350
13314	605010 175	46.117
13315	605056.292	39.058
13316	605095.350	6.492
13317	605101.842	48.183
13318	605150.025	47.592
13319	605197.617	48.100
13320	605245.717	49.367
13321	605295 083	47.875
13322	605342.958	41.242
13323	605384.200	47.950
13324	605432.150	45.533
13325	605477.683	51.883
13326	605529.567	50.825
13327	605580.392	49.625
13328	605630.017	48 867
13329	605678.883	43.483
13330	605722.367	46.100
13331	605768.467	48.658
13332	605817 125	49.367
13333	605866 492	48.233
13334	605914 725	50.608
13335	605965.333	50 375
13336	606015.708	45.492
13337	606061.200	48.908
13338	606110.108	46.650
13339	606156.758	49.475
13340	606206.233	47.250

Weld	Distance (ft.)	Joint Length (ft.)
13341	606253.483	45.033
13342	606298.517	45.625
13343	606344.142	48.375
13344	606392.517	51.350
13345	606443.867	49.050
13346	606492.917	45.367
13347	606538.283	47.508
13348	606585.792	46.392
13349	606632.183	50.575
13350	606682.758	44.792
13351	606727.550	49 350
13352	606776.900	49.500
13353	606826.400	38 475
13354	606864.875	47.533
13355	606912.408	46.342
13356	606958.750	48.092
13357	607006.842	49.167
13358	607056.008	50.017
13359	607106.025	45.433
13360	607151.458	46.683
13361	607198.142	18 475
13362	607216.617	29.925
13363	607246.542	39.250
13364	607285.792	44.733
13365	607330.525	52.233
13366	607382.758	46.475
13367	607429.233	46.100
13368	607475.333	46.308
13369	607521.642	46.733
13370	607568.375	48.225
13371	607616.600	49.142
13372	607665.742	50.667
13373	607716.408	44.850
13374	607761 258	45.800
13375	607807.058	45.017
13376	607852.075	47 242
13377	607899.317	50.583
13378	607949.900	49.408
13379	607999.308	46.225
13380	608045.533	50.008
13381	608095 542	50.208
13382	608145 750	49.575
13383	608195.325	49 075
13384	608244.400	45.583
13385	608289.983	6.250
13386	608296.233	49.050
13387	608345.283	48.867
13388	608394.150	51.067
13389	608445.217	45.933
13390	608491.150	45.842
13391	608536.992	45.558
13392	608582.550	49.117
13393	608631.667	49.175
13394	608680.842	37.792
13395	608718.633	47.683
13396	608766.317	46.775
13397	608813.092	46.583
13398	608859.675	49 783

Weld	Distance (ft.)	Joint Length (ft.)
13399	608909.458	21.992
13400	608931.450	49.100
13401	608980.550	48.758
13402	609029.308	49.917
13403	609079.225	47.042
13404	609126.267	39.933
13405	609166.200	46.242
13406	609212 442	45.058
13407	609257.500	49.842
13408	609307 342	49.175
13409	609356.517	46.925
13410	609403.442	46.850
13411	609450.292	14.775
13412	609465.067	50.817
13413	609515.883	48.258
13414	609564 142	46.158
13415	609610.300	49.742
13416	609660 042	46.775
13417	609706.817	51 333
13418	609758.150	48 575
13419	609806.725	46.358
13420	609853.083	12.508
13421	609865.592	49.700
13422	609915.292	45.975
13423	609961.267	50.767
13424	610012.033	46.283
13425	610058.317	49.992
13426	610108.308	49.900
13427	610158.208	32.308
13428	610190.517	42.850
13429	610233.367	49 025
13430	610282.392	46.950
13431	610329.342	47.100
13432	610376.442	49.325
13433	610425 767	49.792
13434	610475.558	50 142
13435	610525.700	48 442
13436	610574.142	48.958
13437	610623.100	48.567
13438	610671.667	46.358
13439	610718.025	35.850
13440	610753.875	47.592
13441	610801.467	45.267
13442	610846 733	48.375
13443	610895.108	14.842
13444	610909.950	46 217
13445	610956.167	47.650
13446	611003.817	50.108
13447	611053.925	45.108
13448	611099 033	47.850
13449	611146.883	48.600
13450	611195.483	45.717
13451	611241.200	48.150
13452	611289 350	46.483
13453	611335.833	49.783
13454	611385.617	45 258
13455	611430.875	44.817
13456	611475.692	48.158

Weld	Distance (ft.)	Joint Length (ft.)
13457	611523.850	44.750
13458	611568.600	50.083
13459	611618 683	46.625
13460	611665.308	47.050
13461	611712.358	46.233
13462	611758.592	48.058
13463	611806.650	49.808
13464	611856.458	48.892
13465	611905.350	15.133
13466	611920.483	48.708
13467	611969.192	34.325
13468	612003.517	50 625
13469	612054 142	50.783
13470	612104.925	43.217
13471	612148 142	46.375
13472	612194.517	46.433
13473	612240.950	44.717
13474	612285.667	15.767
13475	612301.433	50.658
13476	612352 092	48.242
13477	612400.333	50.750
13478	612451.083	44.700
13479	612495.783	50.233
13480	612546.017	47.008
13481	612593.025	50.925
13482	612643 950	50.967
13483	612694.917	47.758
13484	612742 675	31.500
13485	612774.175	31.367
13486	612805.542	51.733
13487	612857.275	50.117
13488	612907.392	46.758
13489	612954.150	47.833
13490	613001 983	42.567
13491	613044.550	44.683
13492	613089.233	48.475
13493	613137.708	47 608
13494	613185 317	47.758
13495	613233.075	45.867
13496	613278.942	15.058
13497	613294.000	48 958
13498	613342.958	50.442
13499	613393.400	47.533
13500	613440.933	47.558
13501	613488.492	49.017
13502	613537.508	45 950
13503	613583.458	48 192
13504	613631 650	51.342
13505	613682.992	44.617
13506	613727.608	50.267
13507	613777.875	45.575
13508	613823 450	51.125
13509	613874 575	48.817
13510	613923.392	34.900
13511	613958.292	48.808
13512	614007.100	46.958
13513	614054.058	46 250
13514	614100.308	46.717

Weld	Distance (ft.)	Joint Length (ft.)
13515	614147.025	51.767
13516	614198.792	49.658
13517	614248.450	48.033
13518	614296.483	48.150
13519	614344 633	49.733
13520	614394.367	49.575
13521	614443 942	48.125
13522	614492.067	47.117
13523	614539.183	51.583
13524	614590.767	45 592
13525	614636.358	45 725
13526	614682.083	50.408
13527	614732.492	43.108
13528	614775.600	50.467
13529	614826.067	49.008
13530	614875 075	49.275
13531	614924.350	49 925
13532	614974.275	50.767
13533	615025.042	47.167
13534	615072.208	47 667
13535	615119.875	49.242
13536	615169.117	13.058
13537	615182 175	47.900
13538	615230 075	49.450
13539	615279.525	49.683
13540	615329.208	49.142
13541	615378.350	50.292
13542	615428.642	47.775
13543	615476 417	46.225
13544	615522.642	46.375
13545	615569.017	49.967
13546	615618.983	14.658
13547	615633.642	49.358
13548	615683 000	46.058
13549	615729 058	45.542
13550	615774.600	47.608
13551	615822.208	43 808
13552	615866.017	47 892
13553	615913.908	46.417
13554	615960.325	50.775
13555	616011.100	43 950
13556	616055.050	50.208
13557	616105.258	14 550
13558	616119.808	50.325
13559	616170 133	16.342
13560	616186.475	47.467
13561	616233.942	49.775
13562	616283.717	50.083
13563	616333.800	48.400
13564	616382.200	33.275
13565	616415 475	50.425
13566	616465.900	50.500
13567	616516.400	46 933
13568	616563.333	49.000
13569	616612 333	48.208
13570	616660 542	36.658
13571	616697.200	14.067
13572	616711.267	49 300

Weld	Distance (ft.)	Joint Length (ft.)
13573	616760.567	46.517
13574	616807.083	48.692
13575	616855.775	13.475
13576	616869.250	34.833
13577	616904.083	50 233
13578	616954.317	43.575
13579	616997.892	46 858
13580	617044.750	34 825
13581	617079.575	47.992
13582	617127.567	46.817
13583	617174.383	49.300
13584	617223.683	47.225
13585	617270.908	16.058
13586	617286.967	49.925
13587	617336.892	49.242
13588	617386 133	41.333
13589	617427 467	48.867
13590	617476.333	30.708
13591	617507.042	50.125
13592	617557.167	47.742
13593	617604.908	16.508
13594	617621.417	48.125
13595	617669.542	50.342
13596	617719.883	50.500
13597	617770.383	33.142
13598	617803.525	46 508
13599	617850.033	50.042
13600	617900.075	16 492
13601	617916.567	45.733
13602	617962.300	44.675
13603	618006.975	28.683
13604	618035.658	45.233
13605	618080.892	49.250
13606	618130.142	49.250
13607	618179.392	49.200
13608	618228.592	50.192
13609	618278.783	48.308
13610	618327.092	49.108
13611	618376.200	50.492
13612	618426.692	50.675
13613	618477.367	15 083
13614	618492.450	48 900
13615	618541 350	49.058
13616	618590.408	37.300
13617	618627.708	4.600
13618	618632.308	1.592
13619	618633.900	6 908
13620	618640.808	49.017
13621	618689.825	35.475
13622	618725.300	51.533
13623	618776.833	50.642
13624	618827.475	45.625
13625	618873.100	46.908
13626	618920.008	48.417
13627	618968 425	51.158
13628	619019.583	49.267
13629	619068.850	50.283
13630	619119.133	45.667

Weld	Distance (ft.)	Joint Length (ft.)
13631	619164.800	47.883
13632	619212.683	46.958
13633	619259.642	28.825
13634	619288.467	44 383
13635	619332.850	47.800
13636	619380.650	49 858
13637	619430 508	39.008
13638	619469 517	45.392
13639	619514.908	46.292
13640	619561.200	48.475
13641	619609.675	50.183
13642	619659.858	47.975
13643	619707.833	48.475
13644	619756.308	50.183
13645	619806.492	48.925
13646	619855.417	51.008
13647	619906.425	48.475
13648	619954 900	37.467
13649	619992.367	51.392
13650	620043 758	50.700
13651	620094.458	50.000
13652	620144.458	49.817
13653	620194.275	50.592
13654	620244.867	15.775
13655	620260.642	50 417
13656	620311.058	32.875
13657	620343 933	48.617
13658	620392.550	51.058
13659	620443.608	51.708
13660	620495.317	50.050
13661	620545.367	46.067
13662	620591.433	50.450
13663	620641.883	51.617
13664	620693.500	4.917
13665	620698.417	48.983
13666	620747.400	50.967
13667	620798.367	45.450
13668	620843.817	49.133
13669	620892.950	49.517
13670	620942.467	49.442
13671	620991.908	51.383
13672	621043.292	48.492
13673	621091.783	32 733
13674	621124.517	49.417
13675	621173.933	17.867
13676	621191 800	50.483
13677	621242.283	49.525
13678	621291.808	51.133
13679	621342.942	1.942
13680	621344 883	43.925
13681	621388.808	40.325
13682	621429.133	44.183
13683	621473.317	40.983
13684	621514.300	39.608
13685	621553.908	26 075
13686	621579.983	19.342
13687	621599.325	3.933
13688	621603.258	37.683

Weld	Distance (ft.)	Joint Length (ft.)
13689	621640.942	2.000
13690	621642.942	19 992
13691	621662.933	50.192
13692	621713.125	8.275
13693	621721.400	48.933
13694	621770.333	3.483
13695	621773.817	51.067
13696	621824.883	50.117
13697	621875.000	7.550
13698	621882.550	46.742
13699	621929.292	49.500
13700	621978.792	51.592
13701	622030.383	48 967
13702	622079.350	50.958
13703	622130.308	43.125
13704	622173.433	45.800
13705	622219.233	50.967
13706	622270.200	51.708
13707	622321.908	50.258
13708	622372.167	49.483
13709	622421.650	50.375
13710	622472.025	50.633
13711	622522.658	50.683
13712	622573 342	50.567
13713	622623.908	47.942
13714	622671.850	51.408
13715	622723.258	49.775
13716	622773.033	49.733
13717	622822.767	49 717
13718	622872 483	43.000
13719	622915.483	50.500
13720	622965.983	41.225
13721	623007.208	50.500
13722	623057.708	48.767
13723	623106.475	47 350
13724	623153.825	50 000
13725	623203.825	42.517
13726	623246.342	47.683
13727	623294.025	48.583
13728	623342.608	52.108
13729	623394.717	48.550
13730	623443.267	33.100
13731	623476.367	50.600
13732	623526.967	48.675
13733	623575.642	50.967
13734	623626.608	48.875
13735	623675.483	46 833
13736	623722 317	48.500
13737	623770 817	48.233
13738	623819.050	50.067
13739	623869.117	28.550
13740	623897.667	4.917
13741	623902.583	2.483
13742	623905 067	14.575
13743	623919.642	51.067
13744	623970.708	50.508
13745	624021.217	50.375
13746	624071.592	47.608

Weld	Distance (ft.)	Joint Length (ft.)
13747	624119.200	51.150
13748	624170.350	44.567
13749	624214.917	50.683
13750	624265.600	52.117
13751	624317.717	50.492
13752	624368.208	51.092
13753	624419.300	50.125
13754	624469.425	49.975
13755	624519.400	44.425
13756	624563.825	51.100
13757	624614.925	48.858
13758	624663.783	49.292
13759	624713 075	48 650
13760	624761.725	46.958
13761	624808.683	51.408
13762	624860.092	44.917
13763	624905.008	48.042
13764	624953.050	51 358
13765	625004.408	49.608
13766	625054.017	49.433
13767	625103 450	46 708
13768	625150.158	47.950
13769	625198.108	51.167
13770	625249 275	50.917
13771	625300 192	42.825
13772	625343.017	51.992
13773	625395 008	48.750
13774	625443.758	48 000
13775	625491.758	44.717
13776	625536.475	45.992
13777	625582 467	51.792
13778	625634.258	45 517
13779	625679.775	49.875
13780	625729.650	46.542
13781	625776 192	48.975
13782	625825.167	47.075
13783	625872.242	45.908
13784	625918 150	50.008
13785	625968.158	50.625
13786	626018.783	53.375
13787	626072.158	48.317
13788	626120.475	45.192
13789	626165.667	49.108
13790	626214.775	49.058
13791	626263.833	45.567
13792	626309.400	50.575
13793	626359 975	44.825
13794	626404.800	50 067
13795	626454.867	49.958
13796	626504.825	50.717
13797	626555.542	45.275
13798	626600.817	50.625
13799	626651 442	35.517
13800	626686 958	6.933
13801	626693.892	44.600
13802	626738.492	38.967
13803	626777.458	49 958
13804	626827.417	47.850

Weld	Distance (ft.)	Joint Length (ft.)
13805	626875.267	49.408
13806	626924.675	37.050
13807	626961.725	51.083
13808	627012 808	48.733
13809	627061.542	49.775
13810	627111.317	45 267
13811	627156.583	44.208
13812	627200.792	47.783
13813	627248.575	46.483
13814	627295.058	44.867
13815	627339.925	50.425
13816	627390.350	50.142
13817	627440.492	49.542
13818	627490.033	46 375
13819	627536.408	45.542
13820	627581.950	49.825
13821	627631.775	47.033
13822	627678.808	14.975
13823	627693.783	49.842
13824	627743.625	46.575
13825	627790.200	43.992
13826	627834.192	51.350
13827	627885 542	47.250
13828	627932.792	50 175
13829	627982.967	50.000
13830	628032.967	46.400
13831	628079.367	50.142
13832	628129.508	48.933
13833	628178.442	50.808
13834	628229.250	48.925
13835	628278.175	49.800
13836	628327.975	50.750
13837	628378.725	49.908
13838	628428.633	50.583
13839	628479.217	44.317
13840	628523.533	49.917
13841	628573 450	40.600
13842	628614.050	50.583
13843	628664.633	50.992
13844	628715 625	49.633
13845	628765.258	49.492
13846	628814.750	50.567
13847	628865 317	50.983
13848	628916.300	44.825
13849	628961.125	49.850
13850	629010.975	43.500
13851	629054.475	49.042
13852	629103.517	38 742
13853	629142.258	50.033
13854	629192.292	48.817
13855	629241.108	49.958
13856	629291.067	44.275
13857	629335.342	43.283
13858	629378.625	49.983
13859	629428.608	50.458
13860	629479.067	49.325
13861	629528 392	48.242
13862	629576.633	48.450

Weld	Distance (ft.)	Joint Length (ft.)
13863	629625.083	42.425
13864	629667.508	24.500
13865	629692.008	19.908
13866	629711 917	43.217
13867	629755.133	50.742
13868	629805.875	44.225
13869	629850.100	48.675
13870	629898.775	49.567
13871	629948.342	48.050
13872	629996.392	50.342
13873	630046 733	45 950
13874	630092.683	50.600
13875	630143.283	45.025
13876	630188.308	44.058
13877	630232 367	47 167
13878	630279.533	49.383
13879	630328.917	48.258
13880	630377.175	47.300
13881	630424 475	29.200
13882	630453.675	49.667
13883	630503.342	50.008
13884	630553.350	34.042
13885	630587.392	50.042
13886	630637.433	49.125
13887	630686.558	50.667
13888	630737.225	47.533
13889	630784.758	49.583
13890	630834.342	49.150
13891	630883.492	42.483
13892	630925.975	45.092
13893	630971.067	48.008
13894	631019.075	44.400
13895	631063.475	50.150
13896	631113.625	46.875
13897	631160 500	42.458
13898	631202.958	49.325
13899	631252.283	44.967
13900	631297.250	48.358
13901	631345 608	46.458
13902	631392.067	44.017
13903	631436.083	49.817
13904	631485.900	51.458
13905	631537.358	47.700
13906	631585.058	51.050
13907	631636.108	48.408
13908	631684.517	43 900
13909	631728.417	47.900
13910	631776 317	49.908
13911	631826.225	48.642
13912	631874.867	45.883
13913	631920.750	50.175
13914	631970.925	51.442
13915	632022.367	48 542
13916	632070.908	44.967
13917	632115.875	48.758
13918	632164.633	45.892
13919	632210.525	49.667
13920	632260.192	47.850

Weld	Distance (ft.)	Joint Length (ft.)
13921	632308 042	49.867
13922	632357.908	51.133
13923	632409.042	51.617
13924	632460.658	47.333
13925	632507.992	49 625
13926	632557.617	43.258
13927	632600.875	48.675
13928	632649.550	46.975
13929	632696.525	47.642
13930	632744 167	50.242
13931	632794.408	49.692
13932	632844 100	48.883
13933	632892.983	47.625
13934	632940.608	46.692
13935	632987 300	49 850
13936	633037.150	49.650
13937	633086.800	49.858
13938	633136.658	48.467
13939	633185.125	51.500
13940	633236.625	44.725
13941	633281.350	51.483
13942	633332.833	50.267
13943	633383 100	48.608
13944	633431.708	49 900
13945	633481.608	49 208
13946	633530.817	45.975
13947	633576.792	49.800
13948	633626.592	40.283
13949	633666.875	46.925
13950	633713.800	48.625
13951	633762.425	44.158
13952	633806 583	50.583
13953	633857.167	48 592
13954	633905.758	50.300
13955	633956.058	48.808
13956	634004.867	43.508
13957	634048.375	49.700
13958	634098.075	46.175
13959	634144 250	47.608
13960	634191.858	49.375
13961	634241.233	49 067
13962	634290.300	49.675
13963	634339.975	50.525
13964	634390.500	51.125
13965	634441.625	48 408
13966	634490.033	48.692
13967	634538.725	47 142
13968	634585.867	49.658
13969	634635.525	49.925
13970	634685.450	31.308
13971	634716.758	46 150
13972	634762.908	48 517
13973	634811.425	48.100
13974	634859.525	47.208
13975	634906 733	46.600
13976	634953.333	48.125
13977	635001.458	45.392
13978	635046.850	46.892
13979	635093.742	42.925
13980	635136.667	49.025
13981	635185.692	46.425
13982	635232.117	48.500
13983	635280.617	40.583
13984	635321.200	47.700
13985	635368.900	46.350
13986	635415 250	45.475
13987	635460.725	45.442
13988	635506.167	43.467
13989	635549.633	48 592
13990	635598.225	47.075
13991	635645.300	47.375
13992	635692.675	45.883
13993	635738.558	48.175
13994	635786.733	48.000
13995	635834.733	46.775
13996	635881 508	46.425
13997	635927 933	45.208
13998	635973 142	44.642
13999	636017.783	50 017
14000	636067.800	47.933
14001	636115.733	49.967
14002	636165.700	49.858
14003	636215.558	48.667
14004	636264.225	33.292
14005	636297.517	50.392
14006	636347.908	48.708
14007	636396.617	48.025
14008	636444.642	4.917
14009	636449.558	2.608
14010	636452.167	2.967
14011	636455.133	6.508
14012	636461.642	47.625
14013	636509.267	42 208
14014	636551.475	2 767
14015	636554.242	45.133
14016	636599.375	47.808
14017	636647.183	45.317
14018	636692.500	45.092
14019	636737.592	44.442
14020	636782 033	47.583
14021	636829.617	45 892
14022	636875.508	48.825
14023	636924.333	5.508
14024	636929.842	1.008
14025	636930.850	45.742
14026	636976 592	50.217
14027	637026.808	46.467
14028	637073.275	48.542
14029	637121.817	50.167
14030	637171.983	47.442
14031	637219.425	47.525
14032	637266 950	47.200
14033	637314.150	48 792
14034	637362.942	13.283
14035	637376.225	49.775
14036	637426.000	47.600
14037	637473.600	37.333
14038	637510.933	48.775
14039	637559.708	50.417
14040	637610.125	46.608
14041	637656.733	49.142
14042	637705.875	50.158
14043	637756.033	51.300
14044	637807.333	47.633
14045	637854 967	46.450
14046	637901.417	47 275
14047	637948.692	48.475
14048	637997.167	50 192
14049	638047.358	51.817
14050	638099.175	50.192
14051	638149.367	44.775
14052	638194.142	50.392
14053	638244.533	52.142
14054	638296.675	51.767
14055	638348 442	47.242
14056	638395 683	49.575
14057	638445.258	49.625
14058	638494.883	50 300
14059	638545.183	50.950
14060	638596.133	31.450
14061	638627.583	47.100
14062	638674.683	46.092
14063	638720.775	51.042
14064	638771.817	46.642
14065	638818 458	51.075
14066	638869 533	49.533
14067	638919.067	14.242
14068	638933.308	46.783
14069	638980.092	48.267
14070	639028.358	49.025
14071	639077.383	51.842
14072	639129 225	50.900
14073	639180.125	49 642
14074	639229.767	49.942
14075	639279.708	49.775
14076	639329.483	46.392
14077	639375.875	48.267
14078	639424.142	50.633
14079	639474 775	47.850
14080	639522.625	43.658
14081	639566.283	47.783
14082	639614.067	48.625
14083	639662.692	33.167
14084	639695 858	46.900
14085	639742.758	44.733
14086	639787.492	44 667
14087	639832.158	45.683
14088	639877.842	47.300
14089	639925.142	46.600
14090	639971.742	44.675
14091	640016.417	45 900
14092	640062.317	49.542
14093	640111.858	48.833
14094	640160.692	47.183

Weld	Distance (ft.)	Joint Length (ft.)
14095	640207.875	47 450
14096	640255.325	48.225
14097	640303.550	40.708
14098	640344.258	46.167
14099	640390.425	48.667
14100	640439.092	49.033
14101	640488.125	14.033
14102	640502.158	48.517
14103	640550.675	49.992
14104	640600.667	32.592
14105	640633.258	45.350
14106	640678.608	49.650
14107	640728.258	49.008
14108	640777.267	46.075
14109	640823.342	49.492
14110	640872.833	45.158
14111	640917.992	46.367
14112	640964.358	46.008
14113	641010.367	45.400
14114	641055.767	48.125
14115	641103.892	45.800
14116	641149 692	46.400
14117	641196.092	47.375
14118	641243.467	46.858
14119	641290.325	47.717
14120	641338.042	47.917
14121	641385.958	48.392
14122	641434.350	48 642
14123	641482.992	46.833
14124	641529.825	48.183
14125	641578.008	48.675
14126	641626 683	50 333
14127	641677.017	47.108
14128	641724.125	45.133
14129	641769.258	47.592
14130	641816.850	47.533
14131	641864.383	22.742
14132	641887.125	48.192
14133	641935.317	47.300
14134	641982.617	47.542
14135	642030.158	50.375
14136	642080 533	46.567
14137	642127.100	49.767
14138	642176.867	51.458
14139	642228.325	45.833
14140	642274.158	50.625
14141	642324.783	48.425
14142	642373.208	49.400
14143	642422.608	44.575
14144	642467.183	49.583
14145	642516.767	49.492
14146	642566.258	49.250
14147	642615.508	49.575
14148	642665.083	50.508
14149	642715.592	47.650
14150	642763.242	48.133
14151	642811.375	48.842
14152	642860.217	48 383

Weld	Distance (ft.)	Joint Length (ft.)
14153	642908.600	49 842
14154	642958.442	48.650
14155	643007.092	49.267
14156	643056 358	49.133
14157	643105.492	24.583
14158	643130.075	50.683
14159	643180.758	49.517
14160	643230 275	15.008
14161	643245.283	48.283
14162	643293.567	48.150
14163	643341.717	49.183
14164	643390.900	50.783
14165	643441 683	50.167
14166	643491.850	46.233
14167	643538 083	50.492
14168	643588.575	36.283
14169	643624.858	50.717
14170	643675.575	46.008
14171	643721 583	49.683
14172	643771.267	48.175
14173	643819.442	45.875
14174	643865.317	47.392
14175	643912.708	34.508
14176	643947.217	50.467
14177	643997.683	36.333
14178	644034.017	48.283
14179	644082.300	48.175
14180	644130.475	51.000
14181	644181.475	48.183
14182	644229 658	48.358
14183	644278.017	49.367
14184	644327.383	50.258
14185	644377.642	48.158
14186	644425.800	48.825
14187	644474.625	48 817
14188	644523.442	48.233
14189	644571.675	44.950
14190	644616.625	47.158
14191	644663 783	41.233
14192	644705 017	51.008
14193	644756.025	49.358
14194	644805.383	49 558
14195	644854.942	49.083
14196	644904.025	49.350
14197	644953.375	14.717
14198	644968.092	49.775
14199	645017.867	51.233
14200	645069.100	48.667
14201	645117 767	49.242
14202	645167.008	50.300
14203	645217.308	48 858
14204	645266.167	46 175
14205	645312.342	46.600
14206	645358.942	50.742
14207	645409.683	18.533
14208	645428 217	48.717
14209	645476.933	30.225
14210	645507.158	35.417

Weld	Distance (ft.)	Joint Length (ft.)
14211	645542.575	39.567
14212	645582.142	48.992
14213	645631.133	50.800
14214	645681.933	49.292
14215	645731.225	48.125
14216	645779.350	47 550
14217	645826.900	49.067
14218	645875 967	46.025
14219	645921.992	48 117
14220	645970.108	45.425
14221	646015.533	47.742
14222	646063.275	45.392
14223	646108.667	46.383
14224	646155 050	51.050
14225	646206.100	48 883
14226	646254.983	43.200
14227	646298.183	43.375
14228	646341.558	50.525
14229	646392.083	46.317
14230	646438.400	50.292
14231	646488.692	43 358
14232	646532.050	50 483
14233	646582.533	43.692
14234	646626.225	51.233
14235	646677.458	50.567
14236	646728 025	46.600
14237	646774.625	49.933
14238	646824.558	48.650
14239	646873.208	48.542
14240	646921.750	50.608
14241	646972.358	51 367
14242	647023.725	51.192
14243	647074.917	48.742
14244	647123.658	46.133
14245	647169.792	50.225
14246	647220.017	49.708
14247	647269.725	46.392
14248	647316.117	48.358
14249	647364.475	47.842
14250	647412 317	46.950
14251	647459 267	50.183
14252	647509.450	48.508
14253	647557.958	43.433
14254	647601.392	46.675
14255	647648.067	50.708
14256	647698.775	49.283
14257	647748.058	47.133
14258	647795.192	46.367
14259	647841.558	46.958
14260	647888.517	50.825
14261	647939.342	49.175
14262	647988.517	50.308
14263	648038.825	47.850
14264	648086.675	49.150
14265	648135.825	48 175
14266	648184.000	50.425
14267	648234.425	48.608
14268	648283.033	47.750

Weld	Distance (ft.)	Joint Length (ft.)
14269	648330.783	47.258
14270	648378.042	47 883
14271	648425.925	50.800
14272	648476.725	45.342
14273	648522.067	49.083
14274	648571.150	49.775
14275	648620.925	47.017
14276	648667.942	48.742
14277	648716.683	44.383
14278	648761.067	49.483
14279	648810.550	50 592
14280	648861.142	14.942
14281	648876.083	36.600
14282	648912.683	48.525
14283	648961.208	48.700
14284	649009.908	46.900
14285	649056.808	50.917
14286	649107.725	51.433
14287	649159 158	48.475
14288	649207.633	48.692
14289	649256.325	49 117
14290	649305.442	51.767
14291	649357.208	49.508
14292	649406.717	48.083
14293	649454.800	47.375
14294	649502.175	48.050
14295	649550.225	46 458
14296	649596.683	50 008
14297	649646.692	45.208
14298	649691.900	50.333
14299	649742.233	33.842
14300	649776.075	50.342
14301	649826 417	49.342
14302	649875.758	44 100
14303	649919.858	48.792
14304	649968.650	47.917
14305	650016.567	50.067
14306	650066.633	48.442
14307	650115.075	49.300
14308	650164.375	46 325
14309	650210.700	48 775
14310	650259.475	50.258
14311	650309.733	50.117
14312	650359.850	49.500
14313	650409.350	46.767
14314	650456 117	14.500
14315	650470.617	46 292
14316	650516.908	49 742
14317	650566.650	47.875
14318	650614.525	47.075
14319	650661.600	47.192
14320	650708.792	50.242
14321	650759.033	49 558
14322	650808.592	48.333
14323	650856.925	48.250
14324	650905 175	45.325
14325	650950.500	49.350
14326	650999.850	50.325

Weld	Distance (ft.)	Joint Length (ft.)
14327	651050.175	49.858
14328	651100.033	49.242
14329	651149.275	47.933
14330	651197.208	49.242
14331	651246.450	50.408
14332	651296.858	45.867
14333	651342.725	49.333
14334	651392 058	48.142
14335	651440.200	49.450
14336	651489.650	50.250
14337	651539.900	50.192
14338	651590.092	49.533
14339	651639.625	51.458
14340	651691.083	46.983
14341	651738.067	47.900
14342	651785.967	49.742
14343	651835 708	48.775
14344	651884.483	49.225
14345	651933.708	51.708
14346	651985.417	47.383
14347	652032.800	51.275
14348	652084.075	51.142
14349	652135.217	52.142
14350	652187.358	50 708
14351	652238.067	51 425
14352	652289 492	49.733
14353	652339.225	49.925
14354	652389.150	35.392
14355	652424.542	50.242
14356	652474.783	50.500
14357	652525.283	47 158
14358	652572 442	51.200
14359	652623.642	49.175
14360	652672.817	14.825
14361	652687.642	50.417
14362	652738.058	49.508
14363	652787.567	48.958
14364	652836.525	47.500
14365	652884.025	51.017
14366	652935.042	49.242
14367	652984.283	51.217
14368	653035.500	43.892
14369	653079.392	46.675
14370	653126.067	48.992
14371	653175.058	46.900
14372	653221.958	49.092
14373	653271.050	48.350
14374	653319.400	22.142
14375	653341.542	50.950
14376	653392.492	49.775
14377	653442.267	48.642
14378	653490.908	46.992
14379	653537.900	48.633
14380	653586.533	3.675
14381	653590.208	47 275
14382	653637.483	43.608
14383	653681.092	50.842
14384	653731.933	44.408

Weld	Distance (ft.)	Joint Length (ft.)
14385	653776.342	15.867
14386	653792.208	45.883
14387	653838.092	26.842
14388	653864.933	50.650
14389	653915.583	49.300
14390	653964.883	49.408
14391	654014.292	48.117
14392	654062.408	49 183
14393	654111.592	49.058
14394	654160.650	46.775
14395	654207.425	42.417
14396	654249.842	49.558
14397	654299.400	49.167
14398	654348.567	49.967
14399	654398 533	46.192
14400	654444.725	48.758
14401	654493.483	49.225
14402	654542.708	48.517
14403	654591.225	46.758
14404	654637.983	48.567
14405	654686.550	46.050
14406	654732.600	51.242
14407	654783.842	48.658
14408	654832.500	44.225
14409	654876.725	49.433
14410	654926.158	44.633
14411	654970.792	48.567
14412	655019.358	47.033
14413	655066.392	47.133
14414	655113.525	50.817
14415	655164.342	49.100
14416	655213.442	47.508
14417	655260.950	45.817
14418	655306.767	46.925
14419	655353.692	49.300
14420	655402.992	47.883
14421	655450.875	10.008
14422	655460.883	31.775
14423	655492.658	49.242
14424	655541.900	48.983
14425	655590.883	48.792
14426	655639.675	47.525
14427	655687.200	49.892
14428	655737.092	46.900
14429	655783 992	47.842
14430	655831.833	48.642
14431	655880.475	47.508
14432	655927.983	49.442
14433	655977.425	49.792
14434	656027 217	50.550
14435	656077 767	47.717
14436	656125.483	48.833
14437	656174.317	48.575
14438	656222.892	51.350
14439	656274.242	49.967
14440	656324.208	47.100
14441	656371.308	50.608
14442	656421.917	32.200

Weld	Distance (ft.)	Joint Length (ft.)
14443	656454.117	48.842
14444	656502 958	48.275
14445	656551.233	12.983
14446	656564.217	50.650
14447	656614.867	48.508
14448	656663.375	50.583
14449	656713.958	48.233
14450	656762.192	49.050
14451	656811.242	49.658
14452	656860.900	50.125
14453	656911.025	42.225
14454	656953.250	49.858
14455	657003.108	49.150
14456	657052 258	44 858
14457	657097.117	48.775
14458	657145.892	37.958
14459	657183.850	49.042
14460	657232.892	50.483
14461	657283.375	49.292
14462	657332.667	35 692
14463	657368.358	48.125
14464	657416.483	49.417
14465	657465.900	50.258
14466	657516.158	48.258
14467	657564.417	50.242
14468	657614.658	47.050
14469	657661.708	50 442
14470	657712 150	49 642
14471	657761.792	50 042
14472	657811.833	49.125
14473	657860.958	41.658
14474	657902 617	45 325
14475	657947.942	48.642
14476	657996.583	49.408
14477	658045.992	51.225
14478	658097.217	43.525
14479	658140.742	46.100
14480	658186.842	49.125
14481	658235.967	49.367
14482	658285.333	45.767
14483	658331.100	46.633
14484	658377.733	44.675
14485	658422 408	42 942
14486	658465.350	50.167
14487	658515.517	48.925
14488	658564.442	51.925
14489	658616.367	46.017
14490	658662.383	45.975
14491	658708.358	42.858
14492	658751.217	49 483
14493	658800.700	49.792
14494	658850.492	45.050
14495	658895 542	43 450
14496	658938.992	48 975
14497	658987.967	48.833
14498	659036 800	51.542
14499	659088.342	47 442
14500	659135.783	42.567

Weld	Distance (ft.)	Joint Length (ft.)
14501	659178.350	12.800
14502	659191.150	32 158
14503	659223.308	49.442
14504	659272.750	43.025
14505	659315.775	49.075
14506	659364.850	47.783
14507	659412.633	46 017
14508	659458.650	44 550
14509	659503.200	42.600
14510	659545.800	47.692
14511	659593.492	42.392
14512	659635.883	50.383
14513	659686 267	43 592
14514	659729.858	49.325
14515	659779.183	46 358
14516	659825.542	48.292
14517	659873.833	49.567
14518	659923.400	50.875
14519	659974.275	47.658
14520	660021.933	48.017
14521	660069.950	15.517
14522	660085 467	47.900
14523	660133.367	47.242
14524	660180.608	50.433
14525	660231.042	30.267
14526	660261.308	49.742
14527	660311 050	48.033
14528	660359 083	40 533
14529	660399.617	45 275
14530	660444.892	48.208
14531	660493.100	46.633
14532	660539.733	47.758
14533	660587.492	46 317
14534	660633.808	50.042
14535	660683 850	46.517
14536	660730.367	48 033
14537	660778.400	48 117
14538	660826.517	48.467
14539	660874 983	45.517
14540	660920.500	44.592
14541	660965.092	47 025
14542	661012.117	48.800
14543	661060.917	45.825
14544	661106 742	46 383
14545	661153.125	48.775
14546	661201 900	47.808
14547	661249.708	46.808
14548	661296.517	51 150
14549	661347.667	47.208
14550	661394.875	45.000
14551	661439.875	49.875
14552	661489.750	45.475
14553	661535.225	44.658
14554	661579.883	43.300
14555	661623 183	49.408
14556	661672.592	50.725
14557	661723.317	45.300
14558	661768 617	48.092

Weld	Distance (ft.)	Joint Length (ft.)
14559	661816.708	44.758
14560	661861.467	49.733
14561	661911.200	47.133
14562	661958.333	44.525
14563	662002.858	48.775
14564	662051.633	41.400
14565	662093.033	50.992
14566	662144 025	44.750
14567	662188.775	47 767
14568	662236.542	47.550
14569	662284.092	52.258
14570	662336.350	50.850
14571	662387.200	50.783
14572	662437 983	48.408
14573	662486.392	41.467
14574	662527.858	49 667
14575	662577.525	44.983
14576	662622.508	44.708
14577	662667 217	51.558
14578	662718 775	47.742
14579	662766.517	43.050
14580	662809.567	48.150
14581	662857.717	48.450
14582	662906 167	50.550
14583	662956.717	44.025
14584	663000.742	48 500
14585	663049.242	48.933
14586	663098.175	48.550
14587	663146.725	49.133
14588	663195.858	50.350
14589	663246.208	48.792
14590	663295.000	47.975
14591	663342.975	48.450
14592	663391.425	41.200
14593	663432.625	49.725
14594	663482.350	48.833
14595	663531.183	49.442
14596	663580.625	47 950
14597	663628.575	51.458
14598	663680.033	49.550
14599	663729 583	49.558
14600	663779.142	47.300
14601	663826.442	49 858
14602	663876.300	48.458
14603	663924.758	50.100
14604	663974.858	43.442
14605	664018.300	48.117
14606	664066 417	45.942
14607	664112.358	47.033
14608	664159.392	21.392
14609	664180.783	49.033
14610	664229.817	49.892
14611	664279.708	45.683
14612	664325.392	44.583
14613	664369.975	46.333
14614	664416.308	48.683
14615	664464.992	48.658
14616	664513.650	49 850

Weld	Distance (ft.)	Joint Length (ft.)
14617	664563 500	23.883
14618	664587.383	49.475
14619	664636 858	49.617
14620	664686.475	49.292
14621	664735.767	51 058
14622	664786.825	47.917
14623	664834.742	48.150
14624	664882.892	44.850
14625	664927.742	51.208
14626	664978.950	50.933
14627	665029.883	48.858
14628	665078.742	49.792
14629	665128.533	41.958
14630	665170.492	51.608
14631	665222.100	48.708
14632	665270 808	47.608
14633	665318 417	50.600
14634	665369.017	50.333
14635	665419.350	50.900
14636	665470.250	49 125
14637	665519 375	47 025
14638	665566.400	44 108
14639	665610 508	50.425
14640	665660.933	45.708
14641	665706.642	48.250
14642	665754.892	45.542
14643	665800.433	47.883
14644	665848.317	41.717
14645	665890.033	48.417
14646	665938.450	48.817
14647	665987.267	43 933
14648	666031.200	51 008
14649	666082.208	50 233
14650	666132.442	49.525
14651	666181.967	49.483
14652	666231.450	51.392
14653	666282.842	48.533
14654	666331.375	46.200
14655	666377 575	46.867
14656	666424 442	13.992
14657	666438.433	47 633
14658	666486.067	44 808
14659	666530.875	49.692
14660	666580.567	51.067
14661	666631.633	43.567
14662	666675.200	47.325
14663	666722.525	49.192
14664	666771.717	49.442
14665	666821.158	50 658
14666	666871.817	46 850
14667	666918.667	49 558
14668	666968.225	22.592
14669	666990.817	45.750
14670	667036 567	50.200
14671	667086.767	47.867
14672	667134 633	47.617
14673	667182.250	49 650
14674	667231.900	47.400

Weld	Distance (ft.)	Joint Length (ft.)
14675	667279.300	49.992
14676	667329.292	49.933
14677	667379.225	50.108
14678	667429.333	50.458
14679	667479.792	50.725
14680	667530.517	51.483
14681	667582.000	51.550
14682	667633.550	46.842
14683	667680.392	48.067
14684	667728.458	48.133
14685	667776 592	48 642
14686	667825.233	50.950
14687	667876 183	50.158
14688	667926.342	48.633
14689	667974.975	48.267
14690	668023.242	49.025
14691	668072.267	46.300
14692	668118.567	48.408
14693	668166.975	47.350
14694	668214.325	11.825
14695	668226.150	48.383
14696	668274.533	48.383
14697	668322.917	49.108
14698	668372.025	48.633
14699	668420.658	49.733
14700	668470.392	49.375
14701	668519.767	50.783
14702	668570.550	47.492
14703	668618.042	49.158
14704	668667.200	49.475
14705	668716.675	45.825
14706	668762.500	49.850
14707	668812.350	49.875
14708	668862.225	49 575
14709	668911.800	50.408
14710	668962.208	49.833
14711	669012.042	49.233
14712	669061.275	48.917
14713	669110.192	48.925
14714	669159.117	48.900
14715	669208.017	51.992
14716	669260.008	45.158
14717	669305 167	47.850
14718	669353.017	47.017
14719	669400.033	47.567
14720	669447.600	49.142
14721	669496.742	48.033
14722	669544.775	49.242
14723	669594.017	49.808
14724	669643.825	48 192
14725	669692.017	48 583
14726	669740.600	46.992
14727	669787.592	48.292
14728	669835.883	51.925
14729	669887.808	50.433
14730	669938.242	49.200
14731	669987.442	49.575
14732	670037.017	36.508

Weld	Distance (ft.)	Joint Length (ft.)
14733	670073.525	48.475
14734	670122.000	47.867
14735	670169.867	11.850
14736	670181.717	51.642
14737	670233.358	47.525
14738	670280.883	48.033
14739	670328.917	47.850
14740	670376.767	50.467
14741	670427.233	50.858
14742	670478.092	48.242
14743	670526.333	44.983
14744	670571.317	44.233
14745	670615.550	48.125
14746	670663.675	46.358
14747	670710.033	49.708
14748	670759.742	49.042
14749	670808.783	50.133
14750	670858.917	49.508
14751	670908.425	45.392
14752	670953.817	48 283
14753	671002.100	51.308
14754	671053 408	48 658
14755	671102.067	45.500
14756	671147.567	43.692
14757	671191.258	49.275
14758	671240.533	42.833
14759	671283.367	45.575
14760	671328.942	47.800
14761	671376.742	19.908
14762	671396.650	50.833
14763	671447.483	34.250
14764	671481 733	49 408
14765	671531.142	49 800
14766	671580.942	50.433
14767	671631.375	50.425
14768	671681.800	48.892
14769	671730.692	38.592
14770	671769.283	47.958
14771	671817.242	50.183
14772	671867.425	47.450
14773	671914.875	49.642
14774	671964.517	50.083
14775	672014.600	47.192
14776	672061.792	45.050
14777	672106.842	44.775
14778	672151.617	48.508
14779	672200.125	49.942
14780	672250.067	45.083
14781	672295.150	48.708
14782	672343.858	50.733
14783	672394.592	47.950
14784	672442.542	45.492
14785	672488.033	44.267
14786	672532.300	50.092
14787	672582.392	49 225
14788	672631.617	51.317
14789	672682.933	48.125
14790	672731.058	22.808

Weld	Distance (ft.)	Joint Length (ft.)
14791	672753.867	4.392
14792	672758 258	10.108
14793	672768.367	30 683
14794	672799.050	46.292
14795	672845.342	51 042
14796	672896.383	49.967
14797	672946.350	49.842
14798	672996.192	30.325
14799	673026.517	17.008
14800	673043.525	43.758
14801	673087.283	49.975
14802	673137.258	17.625
14803	673154.883	50.117
14804	673205.000	14.025
14805	673219.025	52.667
14806	673271 692	47.867
14807	673319.558	49.217
14808	673368.775	46.133
14809	673414.908	45.117
14810	673460.025	47.708
14811	673507.733	49.267
14812	673557 000	48.008
14813	673605 008	48.800
14814	673653 808	52.592
14815	673706 400	35.258
14816	673741.658	52 367
14817	673794.025	47 092
14818	673841.117	51.967
14819	673893.083	49 767
14820	673942.850	50.175
14821	673993 025	50.425
14822	674043.450	46.783
14823	674090.233	49.700
14824	674139.933	44.900
14825	674184 833	48.817
14826	674233.650	48.908
14827	674282.558	49.083
14828	674331.642	48.075
14829	674379.717	45 325
14830	674425.042	50.383
14831	674475.425	49.133
14832	674524.558	48.500
14833	674573 058	45.258
14834	674618.317	39.517
14835	674657.833	48 325
14836	674706.158	50.900
14837	674757.058	47.458
14838	674804 517	48.467
14839	674852.983	48.275
14840	674901.258	50 725
14841	674951.983	49.075
14842	675001.058	48.542
14843	675049 600	6.642
14844	675056 242	49.050
14845	675105.292	46 917
14846	675152.208	23 300
14847	675175.508	49.850
14848	675225.358	51.925

Weld	Distance (ft.)	Joint Length (ft.)
14849	675277.283	46.058
14850	675323.342	50.333
14851	675373.675	48.992
14852	675422.667	51.592
14853	675474.258	51.117
14854	675525.375	46.192
14855	675571.567	24.333
14856	675595.900	44.967
14857	675640 867	50.433
14858	675691 300	49.733
14859	675741.033	47.700
14860	675788.733	47.733
14861	675836.467	51.533
14862	675888.000	14.292
14863	675902.292	50.042
14864	675952.333	48.325
14865	676000.658	42.817
14866	676043 475	50.650
14867	676094 125	48.408
14868	676142 533	39.817
14869	676182.350	50.983
14870	676233.333	43.717
14871	676277.050	45.758
14872	676322.808	46.442
14873	676369.250	50.242
14874	676419.492	49.608
14875	676469.100	45 708
14876	676514.808	47 508
14877	676562.317	43 542
14878	676605.858	46.700
14879	676652.558	49.467
14880	676702.025	28.992
14881	676731.017	7.142
14882	676738 158	18.008
14883	676756.167	49 692
14884	676805.858	47 300
14885	676853.158	50.992
14886	676904.150	34.642
14887	676938.792	48.850
14888	676987.642	50.383
14889	677038.025	44.617
14890	677082 642	48.600
14891	677131.242	13.958
14892	677145.200	39.150
14893	677184.350	50.925
14894	677235 275	51.633
14895	677286.908	51 258
14896	677338.167	51 000
14897	677389.167	52.508
14898	677441.675	46.692
14899	677488.367	49.717
14900	677538.083	36.517
14901	677574 600	50.308
14902	677624 908	50.442
14903	677675.350	49.383
14904	677724.733	50.383
14905	677775.117	46.017
14906	677821.133	44.700

Weld	Distance (ft.)	Joint Length (ft.)
14907	677865.833	48.700
14908	677914.533	47.158
14909	677961.692	48.833
14910	678010 525	47.858
14911	678058.383	49.467
14912	678107 850	48.992
14913	678156.842	48.142
14914	678204.983	44.100
14915	678249.083	44 200
14916	678293.283	49.650
14917	678342.933	48.325
14918	678391.258	49.533
14919	678440.792	43.392
14920	678484.183	52.367
14921	678536.550	43.533
14922	678580.083	47.408
14923	678627.492	49.483
14924	678676 975	50.225
14925	678727.200	46.933
14926	678774.133	23.667
14927	678797.800	45.567
14928	678843.367	43.375
14929	678886.742	45.767
14930	678932.508	48.633
14931	678981.142	45.617
14932	679026 758	46.583
14933	679073.342	44.942
14934	679118 283	48.117
14935	679166.400	47.983
14936	679214.383	49 467
14937	679263.850	47.625
14938	679311.475	45.317
14939	679356.792	45.042
14940	679401.833	48 092
14941	679449 925	48.492
14942	679498.417	41 258
14943	679539.675	52 150
14944	679591.825	7.742
14945	679599.567	51.450
14946	679651.017	48.483
14947	679699 500	47.067
14948	679746 567	48.808
14949	679795.375	45 483
14950	679840.858	50.317
14951	679891.175	44.442
14952	679935.617	49.175
14953	679984.792	48 500
14954	680033.292	48 950
14955	680082.242	48.483
14956	680130.725	49.067
14957	680179.792	46.367
14958	680226.158	49.217
14959	680275 375	51.375
14960	680326 750	49.600
14961	680376.350	51 900
14962	680428.250	49.042
14963	680477.292	48.775
14964	680526.067	49.433

Weld	Distance (ft.)	Joint Length (ft.)
14965	680575 500	46 108
14966	680621.608	46.267
14967	680667.875	43.033
14968	680710.908	47 117
14969	680758.025	48.375
14970	680806.400	49.908
14971	680856.308	50.967
14972	680907.275	39.675
14973	680946.950	48.817
14974	680995.767	9.775
14975	681005.542	51.633
14976	681057.175	47.500
14977	681104.675	49.575
14978	681154.250	49.725
14979	681203 975	51 192
14980	681255.167	50.850
14981	681306 017	49 875
14982	681355 892	49.750
14983	681405.642	14 200
14984	681419.842	46.408
14985	681466.250	49.692
14986	681515.942	51.267
14987	681567.208	46.583
14988	681613.792	49.325
14989	681663.117	33.850
14990	681696.967	50.025
14991	681746.992	49.533
14992	681796.525	42.508
14993	681839.033	50.650
14994	681889 683	51.600
14995	681941.283	47.008
14996	681988.292	48.342
14997	682036.633	48.983
14998	682085.617	44.683
14999	682130 300	49.683
15000	682179 983	46.467
15001	682226.450	48.867
15002	682275.317	50.550
15003	682325.867	48.600
15004	682374.467	50.192
15005	682424.658	51 575
15006	682476.233	49 300
15007	682525.533	51.317
15008	682576 850	46.967
15009	682623.817	44.783
15010	682668.600	49.175
15011	682717.775	49.133
15012	682766.908	52 158
15013	682819.067	50 100
15014	682869.167	45.442
15015	682914.608	48.325
15016	682962.933	51.117
15017	683014.050	49 458
15018	683063.508	46.050
15019	683109.558	49.525
15020	683159.083	49.833
15021	683208.917	49.233
15022	683258 150	47.183

Weld	Distance (ft.)	Joint Length (ft.)
15023	683305.333	47.883
15024	683353.217	48.608
15025	683401.825	49.533
15026	683451 358	47.792
15027	683499.150	48.067
15028	683547.217	48.117
15029	683595.333	51.275
15030	683646.608	48.692
15031	683695.300	48.067
15032	683743.367	47.258
15033	683790.625	49.750
15034	683840.375	39.067
15035	683879.442	48.367
15036	683927.808	48.192
15037	683976 000	41.325
15038	684017.325	50.350
15039	684067.675	48.817
15040	684116.492	49.067
15041	684165.558	50.208
15042	684215.767	49.008
15043	684264.775	48.917
15044	684313.692	48.492
15045	684362.183	39.700
15046	684401 883	42.383
15047	684444 267	49.083
15048	684493.350	49.767
15049	684543.117	35.242
15050	684578.358	49.150
15051	684627.508	44.817
15052	684672.325	48.950
15053	684721.275	50.258
15054	684771.533	42.650
15055	684814.183	48.517
15056	684862.700	49.250
15057	684911.950	43.158
15058	684955.108	46.008
15059	685001.117	45.025
15060	685046.142	38.117
15061	685084.258	49.917
15062	685134.175	48.325
15063	685182.500	48.325
15064	685230.825	14.908
15065	685245.733	43.492
15066	685289.225	44.542
15067	685333.767	40.842
15068	685374.608	49.058
15069	685423.667	47 575
15070	685471.242	50.100
15071	685521.342	19.967
15072	685541 308	47.625
15073	685588.933	48.042
15074	685636.975	49.425
15075	685686.400	31.317
15076	685717.717	47.775
15077	685765.492	36.275
15078	685801 767	47.917
15079	685849.683	45.650
15080	685895.333	49.175

Weld	Distance (ft.)	Joint Length (ft.)
15081	685944.508	50.725
15082	685995.233	48.042
15083	686043.275	47.658
15084	686090.933	44.392
15085	686135.325	37.167
15086	686172.492	46.058
15087	686218.550	50.225
15088	686268.775	47.025
15089	686315.800	49.475
15090	686365.275	45.192
15091	686410.467	46.125
15092	686456.592	49.325
15093	686505.917	9.483
15094	686515.400	50.100
15095	686565.500	33.000
15096	686598.500	49.442
15097	686647.942	46.742
15098	686694.683	49.242
15099	686743.925	50.925
15100	686794.850	45.400
15101	686840.250	31.058
15102	686871.308	50.717
15103	686922.025	43.817
15104	686965.842	42.092
15105	687007.933	49.242
15106	687057.175	48.725
15107	687105.900	49.050
15108	687154.950	14.717
15109	687169.667	51.250
15110	687220.917	10.167
15111	687231.083	50.367
15112	687281.450	48.608
15113	687330.058	42.233
15114	687372.292	49.367
15115	687421.658	50.058
15116	687471.717	48.983
15117	687520.700	43 692
15118	687564.392	40.167
15119	687604.558	47.125
15120	687651.683	48.058
15121	687699 742	46.758
15122	687746.500	46.267
15123	687792.767	50.883
15124	687843.650	44 742
15125	687888.392	51.433
15126	687939.825	42.958
15127	687982.783	41.350
15128	688024.133	31.175
15129	688055.308	50.550
15130	688105.858	12 625
15131	688118.483	39.858
15132	688158.342	49.775
15133	688208.117	46.892
15134	688255.008	39.050
15135	688294.058	48.550
15136	688342.608	49.667
15137	688392.275	50.500
15138	688442.775	47.550

Weld	Distance (ft.)	Joint Length (ft.)
15139	688490 325	48.850
15140	688539.175	50 200
15141	688589 375	50.125
15142	688639.500	47.042
15143	688686.542	44.842
15144	688731.383	46.250
15145	688777.633	51.442
15146	688829.075	50.208
15147	688879.283	49.592
15148	688928.875	49.992
15149	688978.867	49.583
15150	689028.450	39.050
15151	689067 500	51 817
15152	689119 317	49.925
15153	689169.242	50.200
15154	689219.442	49.567
15155	689269.008	43.533
15156	689312.542	47.742
15157	689360.283	48.092
15158	689408.375	52.025
15159	689460.400	49.575
15160	689509.975	47.942
15161	689557.917	49.367
15162	689607.283	46.783
15163	689654.067	50.100
15164	689704.167	48.842
15165	689753.008	43.842
15166	689796.850	49.467
15167	689846.317	49.717
15168	689896.033	48.050
15169	689944 083	48 667
15170	689992.750	49.750
15171	690042.500	46.133
15172	690088.633	45.675
15173	690134 308	51.233
15174	690185.542	51.292
15175	690236.833	50.200
15176	690287.033	49.917
15177	690336.950	47.125
15178	690384.075	47.725
15179	690431.800	49 458
15180	690481.258	49.092
15181	690530.350	49.083
15182	690579 433	46.833
15183	690626.267	49.558
15184	690675.825	46.767
15185	690722.592	48.433
15186	690771.025	49.525
15187	690820 550	39 425
15188	690859.975	47.108
15189	690907.083	50.200
15190	690957.283	47.592
15191	691004.875	48.042
15192	691052 917	47 558
15193	691100.475	48.775
15194	691149.250	43.458
15195	691192 708	50.833
15196	691243.542	44 900

Weld	Distance (ft.)	Joint Length (ft.)
15197	691288.442	49.875
15198	691338.317	44.258
15199	691382.575	45.450
15200	691428.025	50.808
15201	691478.833	50.083
15202	691528.917	49.467
15203	691578.383	50.108
15204	691628.492	48 675
15205	691677.167	49 533
15206	691726.700	48 700
15207	691775.400	49 117
15208	691824.517	51.033
15209	691875.550	46.608
15210	691922.158	46.758
15211	691968.917	51.483
15212	692020.400	49.742
15213	692070 142	42.742
15214	692112.883	47 225
15215	692160.108	47.058
15216	692207.167	49.325
15217	692256.492	48.942
15218	692305.433	48.808
15219	692354 242	45 425
15220	692399.667	48 583
15221	692448.250	49.233
15222	692497.483	42.000
15223	692539.483	49.375
15224	692588.858	45.058
15225	692633.917	47 800
15226	692681.717	35.933
15227	692717 650	49.425
15228	692767.075	49.442
15229	692816.517	49.367
15230	692865 883	48.783
15231	692914.667	44 517
15232	692959.183	50.583
15233	693009.767	43.675
15234	693053.442	49.033
15235	693102.475	19 958
15236	693122.433	49.592
15237	693172.025	29.500
15238	693201.525	47.942
15239	693249.467	48.100
15240	693297 567	45 467
15241	693343.033	50.700
15242	693393.733	47.483
15243	693441 217	43 058
15244	693484.275	49.108
15245	693533.383	50.258
15246	693583.642	46.775
15247	693630 417	50.417
15248	693680.833	45.450
15249	693726 283	46 742
15250	693773.025	43.833
15251	693816.858	50.392
15252	693867 250	43 275
15253	693910.525	45.650
15254	693956.175	47.308

Weld	Distance (ft.)	Joint Length (ft.)
15255	694003.483	47.125
15256	694050.608	48.167
15257	694098.775	49.158
15258	694147.933	48 483
15259	694196.417	50 375
15260	694246.792	48.392
15261	694295.183	51.408
15262	694346.592	44.617
15263	694391.208	49.125
15264	694440.333	45.042
15265	694485.375	46.775
15266	694532.150	46.867
15267	694579.017	51.475
15268	694630 492	46.833
15269	694677.325	47 433
15270	694724.758	49.058
15271	694773.817	47.533
15272	694821.350	47.683
15273	694869.033	47.867
15274	694916 900	50.817
15275	694967.717	40 942
15276	695008.658	44.375
15277	695053.033	45.592
15278	695098.625	50.383
15279	695149.008	48.658
15280	695197.667	49.658
15281	695247 325	42.950
15282	695290 275	49.600
15283	695339.875	50.108
15284	695389.983	49.675
15285	695439.658	49.600
15286	695489.258	43.767
15287	695533 025	11.433
15288	695544.458	49.417
15289	695593.875	50.733
15290	695644.608	50.450
15291	695695.058	42.842
15292	695737.900	50.308
15293	695788.208	46.792
15294	695835.000	49.792
15295	695884.792	44.583
15296	695929.375	36.258
15297	695965.633	51 617
15298	696017.250	47.325
15299	696064.575	50.150
15300	696114.725	48.683
15301	696163.408	42.908
15302	696206.317	45 825
15303	696252.142	45.342
15304	696297.483	48.308
15305	696345.792	48.433
15306	696394 225	45.850
15307	696440.075	47 225
15308	696487.300	47.692
15309	696534.992	48.642
15310	696583.633	47.467
15311	696631 100	43.875
15312	696674.975	48.408

Weld	Distance (ft.)	Joint Length (ft.)
15313	696723.383	47.525
15314	696770.908	49.825
15315	696820 733	41 825
15316	696862.558	49.250
15317	696911.808	49.700
15318	696961.508	48.450
15319	697009 958	48.967
15320	697058.925	50.850
15321	697109.775	46.675
15322	697156.450	47.217
15323	697203.667	47.458
15324	697251.125	49.233
15325	697300.358	47.258
15326	697347.617	50.025
15327	697397.642	49.558
15328	697447.200	45.542
15329	697492.742	48.033
15330	697540.775	47.642
15331	697588.417	48.967
15332	697637.383	45.983
15333	697683.367	49.467
15334	697732.833	48.300
15335	697781.133	49.783
15336	697830.917	48.217
15337	697879 133	32.683
15338	697911.817	51.167
15339	697962.983	33.925
15340	697996.908	48.133
15341	698045.042	50.983
15342	698096.025	46.333
15343	698142.358	47.725
15344	698190.083	48 500
15345	698238 583	47.450
15346	698286.033	50.167
15347	698336.200	45.275
15348	698381.475	49.358
15349	698430.833	47.892
15350	698478.725	46 633
15351	698525.358	46.717
15352	698572 075	48.633
15353	698620 708	50.717
15354	698671 425	45.717
15355	698717.142	49.642
15356	698766.783	47.775
15357	698814.558	43.675
15358	698858.233	45.875
15359	698904 108	45.033
15360	698949.142	46.783
15361	698995.925	48.767
15362	699044.692	48.042
15363	699092.733	14.775
15364	699107.508	33.858
15365	699141.367	42.667
15366	699184.033	49.800
15367	699233.833	32.475
15368	699266.308	48.508
15369	699314.817	45 767
15370	699360.583	47.550

Weld	Distance (ft.)	Joint Length (ft.)
15371	699408.133	49.633
15372	699457.767	45.800
15373	699503.567	50.508
15374	699554.075	48.883
15375	699602.958	46.742
15376	699649 700	46.458
15377	699696.158	50.675
15378	699746.833	49.108
15379	699795.942	49.175
15380	699845.117	10.300
15381	699855.417	50.167
15382	699905.583	48.033
15383	699953.617	46.217
15384	699999.833	38.158
15385	700037 992	49.133
15386	700087.125	48.042
15387	700135.167	50.825
15388	700185.992	49.600
15389	700235.592	46.933
15390	700282.525	44.800
15391	700327.325	46.625
15392	700373 950	48.900
15393	700422.850	39.092
15394	700461.942	42.942
15395	700504.883	47.042
15396	700551.925	44 992
15397	700596.917	48.800
15398	700645.717	49.875
15399	700695.592	48.900
15400	700744.492	49.675
15401	700794.167	48.967
15402	700843.133	48.867
15403	700892.000	46.858
15404	700938.858	49.100
15405	700987.958	47.983
15406	701035 942	48.367
15407	701084.308	48.608
15408	701132.917	35.817
15409	701168.733	46 392
15410	701215.125	46.317
15411	701261.442	44.992
15412	701306.433	47.225
15413	701353 658	46.950
15414	701400.608	48.375
15415	701448.983	47.050
15416	701496.033	49.033
15417	701545.067	51.650
15418	701596 717	47.875
15419	701644.592	49.675
15420	701694.267	45.242
15421	701739.508	45 150
15422	701784.658	44.667
15423	701829.325	31.667
15424	701860.992	13.158
15425	701874.150	42.983
15426	701917.133	44.233
15427	701961.367	44.342
15428	702005.708	46.500

Weld	Distance (ft.)	Joint Length (ft.)
15429	702052.208	43.208
15430	702095.417	40.617
15431	702136.033	43.558
15432	702179.592	48.700
15433	702228.292	45.667
15434	702273.958	48.100
15435	702322.058	50.883
15436	702372.942	49.367
15437	702422.308	44.667
15438	702466.975	51.508
15439	702518.483	44.075
15440	702562.558	43.050
15441	702605.608	46.617
15442	702652.225	13.825
15443	702666.050	49.492
15444	702715.542	31.033
15445	702746.575	47.408
15446	702793.983	45.425
15447	702839.408	43.917
15448	702883.325	45.933
15449	702929.258	48.067
15450	702977.325	43.650
15451	703020.975	44.467
15452	703065.442	49.350
15453	703114.792	13.192
15454	703127.983	47.658
15455	703175.642	44 733
15456	703220.375	50.375
15457	703270.750	44.692
15458	703315.442	44.433
15459	703359 875	46.375
15460	703406.250	35.533
15461	703441.783	10.383
15462	703452.167	50.083
15463	703502.250	50.783
15464	703553.033	49.808
15465	703602.842	34.692
15466	703637.533	48.067
15467	703685.600	41.417
15468	703727.017	47.825
15469	703774.842	46.092
15470	703820.933	48.592
15471	703869.525	48.908
15472	703918 433	48.617
15473	703967.050	51.142
15474	704018.192	49.600
15475	704067.792	50.300
15476	704118.092	42.617
15477	704160.708	49.717
15478	704210 425	16.042
15479	704226.467	44.825
15480	704271.292	48 725
15481	704320.017	48.967
15482	704368.983	48.567
15483	704417.550	50.358
15484	704467.908	45.100
15485	704513.008	47 783
15486	704560.792	46.217

Weld	Distance (ft.)	Joint Length (ft.)
15487	704607.008	47.825
15488	704654 833	44.867
15489	704699.700	45 108
15490	704744.808	47.025
15491	704791.833	48.575
15492	704840.408	47.400
15493	704887.808	46.383
15494	704934.192	48.225
15495	704982.417	50.192
15496	705032 608	49.642
15497	705082 250	46.458
15498	705128.708	46.800
15499	705175.508	49 533
15500	705225.042	47.100
15501	705272.142	47.000
15502	705319.142	49.817
15503	705368.958	45.375
15504	705414.333	47.825
15505	705462.158	40.725
15506	705502.883	47.025
15507	705549.908	45.350
15508	705595.258	49.650
15509	705644 908	51.642
15510	705696 550	49.650
15511	705746.200	39.500
15512	705785.700	51.842
15513	705837.542	49.058
15514	705886.600	50.525
15515	705937.125	47.675
15516	705984.800	48.442
15517	706033.242	14.883
15518	706048.125	50.417
15519	706098 542	34.425
15520	706132.967	46.942
15521	706179.908	48.017
15522	706227.925	46.392
15523	706274.317	49.467
15524	706323.783	46.700
15525	706370.483	49.067
15526	706419.550	47.525
15527	706467.075	49.192
15528	706516 267	47.325
15529	706563.592	48.133
15530	706611.725	41 150
15531	706652 875	49.767
15532	706702.642	48.083
15533	706750.725	49.842
15534	706800.567	49 575
15535	706850.142	49.283
15536	706899.425	42.367
15537	706941.792	46.992
15538	706988.783	49.442
15539	707038.225	49.150
15540	707087.375	50.767
15541	707138.142	47.917
15542	707186.058	48.425
15543	707234 483	47 775
15544	707282.258	49.300

Weld	Distance (ft.)	Joint Length (ft.)
15545	707331.558	48.542
15546	707380.100	51.283
15547	707431.383	49.500
15548	707480.883	48.975
15549	707529 858	44.133
15550	707573.992	47.758
15551	707621.750	49.850
15552	707671.600	51.867
15553	707723.467	47.258
15554	707770.725	46.025
15555	707816.750	49.150
15556	707865.900	48.708
15557	707914.608	51.217
15558	707965.825	48.517
15559	708014.342	50.217
15560	708064.558	48.300
15561	708112.858	48.383
15562	708161.242	49.042
15563	708210.283	49 117
15564	708259.400	49 125
15565	708308.525	48.167
15566	708356 692	49.658
15567	708406.350	51.142
15568	708457.492	49.433
15569	708506.925	50.742
15570	708557.667	50.183
15571	708607.850	50.408
15572	708658.258	42.925
15573	708701.183	47.808
15574	708748.992	48.200
15575	708797.192	49.958
15576	708847.150	51 217
15577	708898 367	50.108
15578	708948.475	46.308
15579	708994.783	47.033
15580	709041.817	48.592
15581	709090.408	49.717
15582	709140.125	36.900
15583	709177.025	50.700
15584	709227.725	47.475
15585	709275 200	49 767
15586	709324 967	48.592
15587	709373.558	50.092
15588	709423.650	49 625
15589	709473 275	47.833
15590	709521 108	48.617
15591	709569.725	49.742
15592	709619.467	51.525
15593	709670.992	47.792
15594	709718.783	49.567
15595	709768.350	48.258
15596	709816 608	47.575
15597	709864.183	51.558
15598	709915.742	43 258
15599	709959.000	49.725
15600	710008.725	48.542
15601	710057.267	46.392
15602	710103.658	50.967

Weld	Distance (ft.)	Joint Length (ft.)
15603	710154.625	47.717
15604	710202.342	48.608
15605	710250.950	49.467
15606	710300.417	48 958
15607	710349.375	50.483
15608	710399.858	50.808
15609	710450.667	49.850
15610	710500.517	49.267
15611	710549 783	50.508
15612	710600.292	50.100
15613	710650.392	50.058
15614	710700.450	51 042
15615	710751.492	42.308
15616	710793.800	50.917
15617	710844 717	51.058
15618	710895.775	50.400
15619	710946.175	47.850
15620	710994.025	50.742
15621	711044.767	47 433
15622	711092.200	49 542
15623	711141.742	49.067
15624	711190.808	50.317
15625	711241.125	47.008
15626	711288.133	45.775
15627	711333.908	49.392
15628	711383.300	48.858
15629	711432.158	44.058
15630	711476.217	45.325
15631	711521.542	45.983
15632	711567.525	48.600
15633	711616.125	51.850
15634	711667.975	50.008
15635	711717.983	49.608
15636	711767.592	50.558
15637	711818.150	47.283
15638	711865.433	43.375
15639	711908 808	49.575
15640	711958.383	47.183
15641	712005.567	48 658
15642	712054.225	44 875
15643	712099.100	12.167
15644	712111.267	45.625
15645	712156.892	45.267
15646	712202.158	41.917
15647	712244.075	50.000
15648	712294.075	51.392
15649	712345.467	46.708
15650	712392.175	51.217
15651	712443.392	49.717
15652	712493.108	45.650
15653	712538.758	49.317
15654	712588.075	50.850
15655	712638.925	45.408
15656	712684.333	50.825
15657	712735.158	48.850
15658	712784.008	48.833
15659	712832.842	47.933
15660	712880.775	36 933

Weld	Distance (ft.)	Joint Length (ft.)
15661	712917.708	49.817
15662	712967.525	46 842
15663	713014.367	48.392
15664	713062.758	48.467
15665	713111.225	44.267
15666	713155.492	51.375
15667	713206.867	49.683
15668	713256.550	47.042
15669	713303.592	50.883
15670	713354.475	46.350
15671	713400.825	49.400
15672	713450.225	50 450
15673	713500.675	47.175
15674	713547.850	47.992
15675	713595.842	49 958
15676	713645.800	47.792
15677	713693.592	52.075
15678	713745.667	48.442
15679	713794.108	48.575
15680	713842.683	48.167
15681	713890.850	45.800
15682	713936.650	47.150
15683	713983.800	43 200
15684	714027 000	43.850
15685	714070 850	49.558
15686	714120.408	45.850
15687	714166.258	48.458
15688	714214.717	48.367
15689	714263.083	48.725
15690	714311.808	50.192
15691	714362 000	49.150
15692	714411.150	43 375
15693	714454.525	44.033
15694	714498.558	46.075
15695	714544.633	48.392
15696	714593.025	46.042
15697	714639.067	49.542
15698	714688 608	48.750
15699	714737 358	44.792
15700	714782 150	48.425
15701	714830.575	50.542
15702	714881.117	49.875
15703	714930.992	48.875
15704	714979.867	48.933
15705	715028.800	49.100
15706	715077.900	50.608
15707	715128 508	50.017
15708	715178.525	41.183
15709	715219.708	49.942
15710	715269.650	48.083
15711	715317.733	49.675
15712	715367.408	40 325
15713	715407.733	47.850
15714	715455.583	48.225
15715	715503.808	50.167
15716	715553.975	49.358
15717	715603.333	46.950
15718	715650 283	50.450

Weld	Distance (ft.)	Joint Length (ft.)
15719	715700.733	39.333
15720	715740.067	49.117
15721	715789.183	49.683
15722	715838 867	49.200
15723	715888.067	47.742
15724	715935.808	49.700
15725	715985.508	46.725
15726	716032.233	50.733
15727	716082.967	48.675
15728	716131.642	50.383
15729	716182.025	50.283
15730	716232.308	50.517
15731	716282.825	48.508
15732	716331.333	48.350
15733	716379 683	44.642
15734	716424.325	29.933
15735	716454 258	47.233
15736	716501.492	49.100
15737	716550.592	50.025
15738	716600.617	48.958
15739	716649.575	47.283
15740	716696.858	49.900
15741	716746.758	49.742
15742	716796.500	48.208
15743	716844.708	48.892
15744	716893 600	48.058
15745	716941.658	48.992
15746	716990.650	47.708
15747	717038.358	49.100
15748	717087.458	49.750
15749	717137.208	48.233
15750	717185.442	50.658
15751	717236.100	30 667
15752	717266.767	48.417
15753	717315.183	49.908
15754	717365.092	51.050
15755	717416.142	49.758
15756	717465.900	44.483
15757	717510 383	49.175
15758	717559.558	50.333
15759	717609.892	49.833
15760	717659.725	48 858
15761	717708.583	45.267
15762	717753.850	51.700
15763	717805.550	50.183
15764	717855.733	47.325
15765	717903.058	49.958
15766	717953.017	49.092
15767	718002.108	47.792
15768	718049.900	49.967
15769	718099.867	48.875
15770	718148.742	49.258
15771	718198.000	47.950
15772	718245.950	50 292
15773	718296.242	15.025
15774	718311 267	50.775
15775	718362 042	49.558
15776	718411.600	46 842

Weld	Distance (ft.)	Joint Length (ft.)
15777	718458.442	48.050
15778	718506.492	49.958
15779	718556.450	44.125
15780	718600.575	50.450
15781	718651.025	47.467
15782	718698.492	48.500
15783	718746.992	48.500
15784	718795.492	45.600
15785	718841.092	48.367
15786	718889.458	48.133
15787	718937.592	32.917
15788	718970.508	44.758
15789	719015.267	45.358
15790	719060.625	49.200
15791	719109.825	46.325
15792	719156.150	51 483
15793	719207.633	47.800
15794	719255.433	47.783
15795	719303.217	41.758
15796	719344.975	45.650
15797	719390.625	50.500
15798	719441.125	45.433
15799	719486.558	45.217
15800	719531.775	44.700
15801	719576.475	50.000
15802	719626.475	45 975
15803	719672.450	49.342
15804	719721.792	45.858
15805	719767.650	51.642
15806	719819.292	50.733
15807	719870.025	47.300
15808	719917.325	40.608
15809	719957.933	44.925
15810	720002.858	43.550
15811	720046.408	33.308
15812	720079.717	47.792
15813	720127.508	42.758
15814	720170.267	43.208
15815	720213.475	50.167
15816	720263.642	47.125
15817	720310.767	49.358
15818	720360.125	45.575
15819	720405.700	48.425
15820	720454.125	43.017
15821	720497.142	49.667
15822	720546 808	45.600
15823	720592.408	49.383
15824	720641.792	48.300
15825	720690.092	45.867
15826	720735.958	45.508
15827	720781.467	47.300
15828	720828.767	50.158
15829	720878 925	48.825
15830	720927.750	46.725
15831	720974.475	48.025
15832	721022.500	49.625
15833	721072.125	45 700
15834	721117.825	48.617

Weld	Distance (ft.)	Joint Length (ft.)
15835	721166.442	49.192
15836	721215.633	48 817
15837	721264 450	40.083
15838	721304.533	47 758
15839	721352.292	49.525
15840	721401.817	47.633
15841	721449.450	48.833
15842	721498.283	48.692
15843	721546.975	48.967
15844	721595.942	48.708
15845	721644.650	50.108
15846	721694.758	42.442
15847	721737.200	48.767
15848	721785.967	47 758
15849	721833.725	49.858
15850	721883.583	45.267
15851	721928.850	49.208
15852	721978 058	48.308
15853	722026.367	47.100
15854	722073.467	49 817
15855	722123.283	48.592
15856	722171.875	48.808
15857	722220.683	48.750
15858	722269.433	48.642
15859	722318.075	49.317
15860	722367.392	48.742
15861	722416.133	49.025
15862	722465.158	48.467
15863	722513 625	48.983
15864	722562.608	46.850
15865	722609.458	47.725
15866	722657.183	47 833
15867	722705.017	47.167
15868	722752.183	47.333
15869	722799.517	27.258
15870	722826.775	49.117
15871	722875.892	3.575
15872	722879.467	47.408
15873	722926 875	4.867
15874	722931 742	49.008
15875	722980.750	5.192
15876	722985.942	47.925
15877	723033 867	47.375
15878	723081 242	48.633
15879	723129.875	46.942
15880	723176.817	48.583
15881	723225.400	50.725
15882	723276.125	42.983
15883	723319.108	47.383
15884	723366.492	47.083
15885	723413.575	49.292
15886	723462.867	43.483
15887	723506 350	51.058
15888	723557.408	49.983
15889	723607.392	48.508
15890	723655.900	9.675
15891	723665 575	49.308
15892	723714.883	50.242

Weld	Distance (ft.)	Joint Length (ft.)
15893	723765.125	48.283
15894	723813.408	49.717
15895	723863.125	39.367
15896	723902.492	49.617
15897	723952 108	50.758
15898	724002.867	39 433
15899	724042.300	49.225
15900	724091.525	49 867
15901	724141.392	38 208
15902	724179.600	51.392
15903	724230.992	48.150
15904	724279.142	47.908
15905	724327.050	50.125
15906	724377.175	47.325
15907	724424.500	49 308
15908	724473.808	48.483
15909	724522.292	52.017
15910	724574.308	45.567
15911	724619.875	49.858
15912	724669.733	46.108
15913	724715.842	44.417
15914	724760 258	45 500
15915	724805.758	44.158
15916	724849.917	26.550
15917	724876.467	45.375
15918	724921.842	46.567
15919	724968.408	44.783
15920	725013.192	25 925
15921	725039.117	45.725
15922	725084.842	44 175
15923	725129.017	45.483
15924	725174 500	45.758
15925	725220.258	47.700
15926	725267 958	44.658
15927	725312.617	31.192
15928	725343.808	50.058
15929	725393.867	49.725
15930	725443.592	45.100
15931	725488 692	44.700
15932	725533.392	45 258
15933	725578.650	44.650
15934	725623.300	45.658
15935	725668.958	44.775
15936	725713.733	45 033
15937	725758.767	44.325
15938	725803.092	44.600
15939	725847 692	47.058
15940	725894 750	46.617
15941	725941.367	46.858
15942	725988.225	46 275
15943	726034.500	44.333
15944	726078.833	46.058
15945	726124 892	45.150
15946	726170.042	46.550
15947	726216.592	46.675
15948	726263 267	27.900
15949	726291 167	42.467
15950	726333 633	33.633

Weld	Distance (ft.)	Joint Length (ft.)
15951	726367.267	42.325
15952	726409.592	42.583
15953	726452.175	41.408
15954	726493.583	48.942
15955	726542.525	45.383
15956	726587.908	46.650
15957	726634 558	45.133
15958	726679.692	42.142
15959	726721 833	46.517
15960	726768.350	16.800
15961	726785.150	46.550
15962	726831.700	45.592
15963	726877.292	49.075
15964	726926.367	50.308
15965	726976.675	48.333
15966	727025 008	34.100
15967	727059 108	46.600
15968	727105.708	45.417
15969	727151.125	45.650
15970	727196.775	42 667
15971	727239.442	46.483
15972	727285.925	47.567
15973	727333 492	46.558
15974	727380.050	45.217
15975	727425.267	43.767
15976	727469.033	30.625
15977	727499.658	43.150
15978	727542.808	49.658
15979	727592.467	45.667
15980	727638.133	50.983
15981	727689.117	47 008
15982	727736.125	42 225
15983	727778.350	44.917
15984	727823.267	45.867
15985	727869 133	46.325
15986	727915 458	46.792
15987	727962.250	45.267
15988	728007.517	44.900
15989	728052.417	45.742
15990	728098.158	46.425
15991	728144.583	44.425
15992	728189.008	42.608
15993	728231.617	44.375
15994	728275.992	44.800
15995	728320.792	45.225
15996	728366 017	28.708
15997	728394.725	49.175
15998	728443.900	26.042
15999	728469.942	44.592
16000	728514 533	45.808
16001	728560.342	44.858
16002	728605.200	46 542
16003	728651.742	47.258
16004	728699.000	45.600
16005	728744.600	44.533
16006	728789 133	45 267
16007	728834.400	41.342
16008	728875.742	45.125

Weld	Distance (ft.)	Joint Length (ft.)
16009	728920.867	47.492
16010	728968.358	45.983
16011	729014.342	44.533
16012	729058 875	49.275
16013	729108.150	45.633
16014	729153 783	45.333
16015	729199 117	45.442
16016	729244 558	45.100
16017	729289.658	43 867
16018	729333.525	45 800
16019	729379.325	45 775
16020	729425.100	41.925
16021	729467.025	45.167
16022	729512.192	49.058
16023	729561.250	45.775
16024	729607.025	45.608
16025	729652.633	48.025
16026	729700.658	48.633
16027	729749.292	45.275
16028	729794.567	44.683
16029	729839.250	44.800
16030	729884.050	50.300
16031	729934.350	46.617
16032	729980.967	50 008
16033	730030.975	50 425
16034	730081 400	45.142
16035	730126 542	50.442
16036	730176.983	44.317
16037	730221.300	45.400
16038	730266.700	50.050
16039	730316.750	49.967
16040	730366.717	45.958
16041	730412.675	46.958
16042	730459.633	44.867
16043	730504.500	50 008
16044	730554.508	41 317
16045	730595.825	48.175
16046	730644.000	45.908
16047	730689.908	50.458
16048	730740.367	50.258
16049	730790.625	2.000
16050	730792.625	42.900
16051	730835.525	8.050
16052	730843 575	39.400
16053	730882.975	23 333
16054	730906 308	42.208
16055	730948 517	42.233
16056	730990.750	42.683
16057	731033.433	42.383
16058	731075.817	42.033
16059	731117.850	5.017
16060	731122.867	42.975
16061	731165.842	34.942
16062	731200.783	4.400
16063	731205.183	15.225
16064	731220.408	15.833
16065	731236.242	17.375
16066	731253 617	1.992

Weld	Distance (ft.)	Joint Length (ft.)
16067	731255.608	47 317
16068	731302.925	24.133
16069	731327.058	45.558
16070	731372.617	45.158
16071	731417.775	44.600
16072	731462.375	44.175
16073	731506.550	47.225
16074	731553.775	47.150
16075	731600.925	46.367
16076	731647.292	44.508
16077	731691.800	45.308
16078	731737.108	50.108
16079	731787.217	14.992
16080	731802.208	45.250
16081	731847.458	44.592
16082	731892.050	45.092
16083	731937.142	44.367
16084	731981.508	34.333
16085	732015.842	49.383
16086	732065.225	46.050
16087	732111.275	48.667
16088	732159.942	49.892
16089	732209.833	43.092
16090	732252.925	43.400
16091	732296.325	47.992
16092	732344.317	40.592
16093	732384.908	45.800
16094	732430.708	46.517
16095	732477.225	49.175
16096	732526.400	43.125
16097	732569.525	45.675
16098	732615.200	43.350
16099	732658.550	49.375
16100	732707.925	52.042
16101	732759.967	51.992
16102	732811 958	47.408
16103	732859 367	47.925
16104	732907 292	45.092
16105	732952.383	46.667
16106	732999.050	48.450
16107	733047.500	46.942
16108	733094.442	49.983
16109	733144.425	45.717
16110	733190.142	14.225
16111	733204.367	39.142
16112	733243.508	45 633
16113	733289.142	47.742
16114	733336.883	33.833
16115	733370.717	47.558
16116	733418.275	48.692
16117	733466.967	45.000
16118	733511 967	46.800
16119	733558.767	47.525
16120	733606.292	44.475
16121	733650.767	44.342
16122	733695.108	44.258
16123	733739.367	45.717
16124	733785.083	43.950

Weld	Distance (ft.)	Joint Length (ft.)
16125	733829.033	49.467
16126	733878.500	49.275
16127	733927.775	42.292
16128	733970 067	46.217
16129	734016.283	46.275
16130	734062.558	41 433
16131	734103.992	36.617
16132	734140.608	45.967
16133	734186.575	47.550
16134	734234.125	50.292
16135	734284.417	43.992
16136	734328.408	41.892
16137	734370.300	46.017
16138	734416.317	46.883
16139	734463.200	45.950
16140	734509.150	46.758
16141	734555.908	46.867
16142	734602.775	45.958
16143	734648.733	24.858
16144	734673.592	45.075
16145	734718.667	46.167
16146	734764.833	20.042
16147	734784.875	42.442
16148	734827.317	25.025
16149	734852.342	44.308
16150	734896.650	46.750
16151	734943.400	27.433
16152	734970.833	34.292
16153	735005.125	44.667
16154	735049.792	45.467
16155	735095.258	46.533
16156	735141.792	45.733
16157	735187.525	48.617
16158	735236.142	45.242
16159	735281.383	45.483
16160	735326.867	51.050
16161	735377.917	46.125
16162	735424.042	44.800
16163	735468.842	50.208
16164	735519.050	49.058
16165	735568.108	46.292
16166	735614.400	49.833
16167	735664.233	47.975
16168	735712.208	47.808
16169	735760.017	46.283
16170	735806.300	45.300
16171	735851.600	43.617
16172	735895.217	43.367
16173	735938.583	46.217
16174	735984.800	45.208
16175	736030.008	45.592
16176	736075.600	44.867
16177	736120.467	45.917
16178	736166.383	46.858
16179	736213 242	46 750
16180	736259.992	48.025
16181	736308.017	44.092
16182	736352.108	46.908

Weld	Distance (ft.)	Joint Length (ft.)
16183	736399.017	44.983
16184	736444.000	47.408
16185	736491.408	46.283
16186	736537.692	43.742
16187	736581.433	48.058
16188	736629.492	46.900
16189	736676.392	47.075
16190	736723.467	41.300
16191	736764.767	46.950
16192	736811.717	47.667
16193	736859.383	42.725
16194	736902 108	44.283
16195	736946.392	37 825
16196	736984.217	46 983
16197	737031 200	46.850
16198	737078.050	45.333
16199	737123.383	45.583
16200	737168.967	45.092
16201	737214.058	45.958
16202	737260.017	47.000
16203	737307.017	40 133
16204	737347.150	9.992
16205	737357.142	44.208
16206	737401.350	34.042
16207	737435.392	42.283
16208	737477.675	49 192
16209	737526.867	46 600
16210	737573.467	46.775
16211	737620.242	46.150
16212	737666 392	37.925
16213	737704.317	44.758
16214	737749.075	47.283
16215	737796.358	45.133
16216	737841.492	48.667
16217	737890 158	45.158
16218	737935 317	43.683
16219	737979.000	4.117
16220	737983.117	44.808
16221	738027.925	45 025
16222	738072.950	44 800
16223	738117.750	46.683
16224	738164.433	45.650
16225	738210.083	45.167
16226	738255.250	44.933
16227	738300.183	46.025
16228	738346 208	46.508
16229	738392.717	43.683
16230	738436.400	46.450
16231	738482.850	44.642
16232	738527.492	48.383
16233	738575 875	45 767
16234	738621.642	47.875
16235	738669.517	38.842
16236	738708.358	45.658
16237	738754.017	46 633
16238	738800 650	42 767
16239	738843.417	47.158
16240	738890.575	44.733

Weld	Distance (ft.)	Joint Length (ft.)
16241	738935.308	45.183
16242	738980.492	47.200
16243	739027.692	45.142
16244	739072.833	43.808
16245	739116.642	45.733
16246	739162.375	45.017
16247	739207.392	45.558
16248	739252.950	48.775
16249	739301.725	44.617
16250	739346.342	45.475
16251	739391.817	44.250
16252	739436 067	46.600
16253	739482.667	45 117
16254	739527.783	45 700
16255	739573.483	50.450
16256	739623.933	44 225
16257	739668.158	50.192
16258	739718.350	46.817
16259	739765 167	48.525
16260	739813 692	44.908
16261	739858.600	50.392
16262	739908.992	49.650
16263	739958.642	45.783
16264	740004.425	50.333
16265	740054.758	45.692
16266	740100.450	45.617
16267	740146.067	49.900
16268	740195 967	31.525
16269	740227.492	5.350
16270	740232.842	11.717
16271	740244.558	48 625
16272	740293 183	46.583
16273	740339.767	47.642
16274	740387 408	38.942
16275	740426.350	43 692
16276	740470.042	40.725
16277	740510.767	47 508
16278	740558.275	49.367
16279	740607.642	10.075
16280	740617.717	47.658
16281	740665.375	34 800
16282	740700.175	44.842
16283	740745.017	43.683
16284	740788.700	45.233
16285	740833.933	45.450
16286	740879.383	47.192
16287	740926.575	46 717
16288	740973.292	47.983
16289	741021.275	46.442
16290	741067.717	44.392
16291	741112.108	48.592
16292	741160.700	48 292
16293	741208.992	46.142
16294	741255.133	45.483
16295	741300 617	45.358
16296	741345.975	46 450
16297	741392.425	45.600
16298	741438.025	46 367

Weld	Distance (ft.)	Joint Length (ft.)
16299	741484.392	45.175
16300	741529.567	45.333
16301	741574.900	9.908
16302	741584.808	47.783
16303	741632.592	35.100
16304	741667.692	43.567
16305	741711 258	45.992
16306	741757 250	45 800
16307	741803 050	46 900
16308	741849 950	47.300
16309	741897 250	45.125
16310	741942.375	48.550
16311	741990.925	44.567
16312	742035.492	45.908
16313	742081.400	49.992
16314	742131.392	45.142
16315	742176.533	47.908
16316	742224 442	45.308
16317	742269 750	44.458
16318	742314 208	49.592
16319	742363.800	44 908
16320	742408.708	37.175
16321	742445.883	41.808
16322	742487.692	44.825
16323	742532.517	47.475
16324	742579.992	41 200
16325	742621.192	47 000
16326	742668.192	50.267
16327	742718.458	41.617
16328	742760.075	46.283
16329	742806.358	45.700
16330	742852.058	48.092
16331	742900.150	48.208
16332	742948.358	45.150
16333	742993.508	46 025
16334	743039.533	49.725
16335	743089.258	45.600
16336	743134.858	46.950
16337	743181 808	49.583
16338	743231.392	46.692
16339	743278.083	44 958
16340	743323.042	48.208
16341	743371.250	44.683
16342	743415.933	46.350
16343	743462 283	48.708
16344	743510 992	48.200
16345	743559.192	39.542
16346	743598.733	24.842
16347	743623 575	30.367
16348	743653 942	50.633
16349	743704.575	43 083
16350	743747.658	45 483
16351	743793.142	44.558
16352	743837.700	46.467
16353	743884 167	48.542
16354	743932 708	48.475
16355	743981.183	48 975
16356	744030.158	45.725

Weld	Distance (ft.)	Joint Length (ft.)
16357	744075.883	48.900
16358	744124.783	48.100
16359	744172 883	49.425
16360	744222.308	44.975
16361	744267.283	41.425
16362	744308.708	50.033
16363	744358.742	46.642
16364	744405.383	46.017
16365	744451.400	44.783
16366	744496.183	48.225
16367	744544.408	50.075
16368	744594.483	48.808
16369	744643.292	46.550
16370	744689.842	44.892
16371	744734 733	43.783
16372	744778.517	44.850
16373	744823.367	45.825
16374	744869 192	45.700
16375	744914 892	35.942
16376	744950 833	46 925
16377	744997.758	41 500
16378	745039 258	49.200
16379	745088.458	48.758
16380	745137.217	44.183
16381	745181.400	46.000
16382	745227.400	47.417
16383	745274.817	44.642
16384	745319.458	41.983
16385	745361 442	47.175
16386	745408 617	50 242
16387	745458.858	41.933
16388	745500.792	34 992
16389	745535 783	49.008
16390	745584.792	43.825
16391	745628.617	45.542
16392	745674.158	47.717
16393	745721.875	44.033
16394	745765.908	46.250
16395	745812.158	44.650
16396	745856 808	42.717
16397	745899 525	46 800
16398	745946.325	43 058
16399	745989.383	47.550
16400	746036.933	50.800
16401	746087.733	46.158
16402	746133.892	45.458
16403	746179.350	48.375
16404	746227.725	41.992
16405	746269 717	42.108
16406	746311.825	48.150
16407	746359.975	47.808
16408	746407.783	47.158
16409	746454.942	44.375
16410	746499.317	49.142
16411	746548.458	44.408
16412	746592 867	44.425
16413	746637.292	45 858
16414	746683.150	47.083

Weld	Distance (ft.)	Joint Length (ft.)
16415	746730.233	51.625
16416	746781.858	45.600
16417	746827.458	49.292
16418	746876.750	49.717
16419	746926.467	49.183
16420	746975.650	45.700
16421	747021.350	50.325
16422	747071.675	44.208
16423	747115.883	39.217
16424	747155.100	32.908
16425	747188.008	43.117
16426	747231.125	50.083
16427	747281.208	50.450
16428	747331.658	50.833
16429	747382.492	45.717
16430	747428.208	37.583
16431	747465.792	50.108
16432	747515.900	46.350
16433	747562.250	37.950
16434	747600.200	44.000
16435	747644.200	49.567
16436	747693.767	48.242
16437	747742.008	50.792
16438	747792 800	43.917
16439	747836.717	50.267
16440	747886.983	47.467
16441	747934.450	47.892
16442	747982.342	45.183
16443	748027.525	44.217
16444	748071.742	44.558
16445	748116.300	40.892
16446	748157.192	48.683
16447	748205.875	15.617
16448	748221.492	45 767
16449	748267 258	47.358
16450	748314 617	46.567
16451	748361.183	46.133
16452	748407.317	45.442
16453	748452.758	46.058
16454	748498.817	28.517
16455	748527.333	48.058
16456	748575.392	48 050
16457	748623.442	41.825
16458	748665.267	46.533
16459	748711 800	45.858
16460	748757.658	44.417
16461	748802.075	45.833
16462	748847.908	38.150
16463	748886.058	44.858
16464	748930.917	44.858
16465	748975.775	44.533
16466	749020.308	45.650
16467	749065.958	45.217
16468	749111.175	43.942
16469	749155.117	41.867
16470	749196.983	47.100
16471	749244.083	45.100
16472	749289.183	48 800

Weld	Distance (ft.)	Joint Length (ft.)
16473	749337.983	46.533
16474	749384.517	46.442
16475	749430.958	44.442
16476	749475.400	46.308
16477	749521.708	39.700
16478	749561.408	41.367
16479	749602.775	48.275
16480	749651.050	45.717
16481	749696.767	41.542
16482	749738.308	49.308
16483	749787.617	36.308
16484	749823.925	32.808
16485	749856.733	44.533
16486	749901.267	44.442
16487	749945.708	13 383
16488	749959.092	42.525
16489	750001.617	43.783
16490	750045.400	46.025
16491	750091.425	43 800
16492	750135.225	44 233
16493	750179.458	43.583
16494	750223.042	46.308
16495	750269.350	42.067
16496	750311.417	48.400
16497	750359.817	29.733
16498	750389.550	45.375
16499	750434.925	50.233
16500	750485.158	46.200
16501	750531.358	46 175
16502	750577.533	48.933
16503	750626.467	47.542
16504	750674.008	42.825
16505	750716.833	49.408
16506	750766.242	43.925
16507	750810.167	45.425
16508	750855.592	45.275
16509	750900.867	50.758
16510	750951.625	43 942
16511	750995.567	49.167
16512	751044.733	45.992
16513	751090.725	49.600
16514	751140.325	47.950
16515	751188.275	48.300
16516	751236.575	49.183
16517	751285.758	48.033
16518	751333.792	49.733
16519	751383.525	48 192
16520	751431.717	50.183
16521	751481.900	48.183
16522	751530.083	48.983
16523	751579.067	48.167
16524	751627.233	47.792
16525	751675 025	49.208
16526	751724.233	50.242
16527	751774.475	48.992
16528	751823.467	49.833
16529	751873.300	46.442
16530	751919.742	50.742

Weld	Distance (ft.)	Joint Length (ft.)
16531	751970.483	47.733
16532	752018.217	50.275
16533	752068.492	49 083
16534	752117.575	45.500
16535	752163.075	49.008
16536	752212.083	48.808
16537	752260.892	49 633
16538	752310.525	49 167
16539	752359.692	47 517
16540	752407.208	47 817
16541	752455.025	45.733
16542	752500.758	49.392
16543	752550.150	50.033
16544	752600.183	48.392
16545	752648.575	48.775
16546	752697.350	51.167
16547	752748.517	48 117
16548	752796.633	49.225
16549	752845.858	49.867
16550	752895.725	51.225
16551	752946 950	47 275
16552	752994.225	48.475
16553	753042.700	49.750
16554	753092.450	50.392
16555	753142.842	46 917
16556	753189.758	49.367
16557	753239.125	45.833
16558	753284.958	42.292
16559	753327.250	48.083
16560	753375.333	48.992
16561	753424.325	50.308
16562	753474.633	48.858
16563	753523.492	48.417
16564	753571.908	48.117
16565	753620.025	45.483
16566	753665.508	46.850
16567	753712.358	48.075
16568	753760.433	49.900
16569	753810 333	49.017
16570	753859.350	49.242
16571	753908.592	48.242
16572	753956.833	49.175
16573	754006.008	48.283
16574	754054 292	38 433
16575	754092.725	48 350
16576	754141.075	48.567
16577	754189.642	48.150
16578	754237.792	43.733
16579	754281.525	49.458
16580	754330.983	48.450
16581	754379.433	45.467
16582	754424 900	48 150
16583	754473.050	41.225
16584	754514.275	49.475
16585	754563.750	49.683
16586	754613.433	48.483
16587	754661.917	50.308
16588	754712.225	46.625

Weld	Distance (ft.)	Joint Length (ft.)
16589	754758.850	35.742
16590	754794.592	48.592
16591	754843.183	49.550
16592	754892.733	49.042
16593	754941 775	46.767
16594	754988.542	47.583
16595	755036.125	48.383
16596	755084.508	46 583
16597	755131.092	35.517
16598	755166 608	48.525
16599	755215 133	48.767
16600	755263.900	44.625
16601	755308.525	47.183
16602	755355 708	46 825
16603	755402.533	44.492
16604	755447.025	7.017
16605	755454.042	49.150
16606	755503.192	48.142
16607	755551 333	44.692
16608	755596 025	46 808
16609	755642.833	44.442
16610	755687.275	44.458
16611	755731.733	44.992
16612	755776.725	45.725
16613	755822.450	49.242
16614	755871.692	48.250
16615	755919.942	49.058
16616	755969.000	46.208
16617	756015 208	46.375
16618	756061.583	45.350
16619	756106.933	44.967
16620	756151.900	41 850
16621	756193.750	45.983
16622	756239.733	45.800
16623	756285.533	46.292
16624	756331.825	48.150
16625	756379.975	43.883
16626	756423.858	47.983
16627	756471 842	45.933
16628	756517.775	45 917
16629	756563.692	47.725
16630	756611.417	51.042
16631	756662.458	50.458
16632	756712.917	45.008
16633	756757.925	46 408
16634	756804.333	25.842
16635	756830.175	45.517
16636	756875.692	46.300
16637	756921.992	14.400
16638	756936.392	45.283
16639	756981.675	48.408
16640	757030 083	48.642
16641	757078 725	31.642
16642	757110.367	46 717
16643	757157.083	43 983
16644	757201.067	47.158
16645	757248 225	49.825
16646	757298.050	45.442

Weld	Distance (ft.)	Joint Length (ft.)
16647	757343 492	44.392
16648	757387.883	47.392
16649	757435.275	48.950
16650	757484.225	47.250
16651	757531.475	48.092
16652	757579.567	37.850
16653	757617.417	46.775
16654	757664.192	48.000
16655	757712.192	35.533
16656	757747.725	47.175
16657	757794.900	44 500
16658	757839.400	44.233
16659	757883.633	45.483
16660	757929.117	45.242
16661	757974.358	48.283
16662	758022.642	44.250
16663	758066 892	46.033
16664	758112.925	44.033
16665	758156.958	45.900
16666	758202.858	49.075
16667	758251 933	49.300
16668	758301.233	44.750
16669	758345.983	24 250
16670	758370.233	44 292
16671	758414.525	47.708
16672	758462.233	21.217
16673	758483.450	47.650
16674	758531.100	46.358
16675	758577.458	46.908
16676	758624.367	44.617
16677	758668.983	43.492
16678	758712 475	46.167
16679	758758 642	47.900
16680	758806.542	41.633
16681	758848.175	46 075
16682	758894.250	46.208
16683	758940.458	43.133
16684	758983.592	48.092
16685	759031.683	46.008
16686	759077.692	45.892
16687	759123.583	46.842
16688	759170.425	50.042
16689	759220.467	48.567
16690	759269.033	46.783
16691	759315.817	49.467
16692	759365 283	43.983
16693	759409.267	48.875
16694	759458.142	43.950
16695	759502.092	46.525
16696	759548 617	43.483
16697	759592.100	47.333
16698	759639.433	25.508
16699	759664.942	14.600
16700	759679.542	20.058
16701	759699.600	30.517
16702	759730.117	45.908
16703	759776 025	34.008
16704	759810.033	19.117

Weld	Distance (ft.)	Joint Length (ft.)
16705	759829.150	46.350
16706	759875.500	44.050
16707	759919.550	47.117
16708	759966.667	50.283
16709	760016.950	8 700
16710	760025.650	45.392
16711	760071.042	42 900
16712	760113.942	48 817
16713	760162.758	42.650
16714	760205.408	50.117
16715	760255.525	14.942
16716	760270.467	29.700
16717	760300.167	43.133
16718	760343 300	41.508
16719	760384.808	49.700
16720	760434 508	46.700
16721	760481 208	46.900
16722	760528.108	49.350
16723	760577.458	43.508
16724	760620.967	46 250
16725	760667.217	50.233
16726	760717.450	47.183
16727	760764.633	41.917
16728	760806.550	48.500
16729	760855.050	45.033
16730	760900.083	50.158
16731	760950.242	48.758
16732	760999.000	43.992
16733	761042.992	45.117
16734	761088.108	48.867
16735	761136.975	46.042
16736	761183.017	42.708
16737	761225.725	49.225
16738	761274.950	49.058
16739	761324.008	44.775
16740	761368 783	45.425
16741	761414 208	48.867
16742	761463 075	50.125
16743	761513.200	46 283
16744	761559.483	45.242
16745	761604.725	45.742
16746	761650.467	50.675
16747	761701.142	48.775
16748	761749 917	50.392
16749	761800.308	49.167
16750	761849 475	50.183
16751	761899.658	50.100
16752	761949.758	49.392
16753	761999.150	48.683
16754	762047.833	49.500
16755	762097.333	41.825
16756	762139 158	49.350
16757	762188.508	49.450
16758	762237.958	47 708
16759	762285.667	45.933
16760	762331.600	48.867
16761	762380.467	43.267
16762	762423 733	47.958

Weld	Distance (ft.)	Joint Length (ft.)
16763	762471.692	49.550
16764	762521.242	49.850
16765	762571.092	49.342
16766	762620.433	48.417
16767	762668.850	47.392
16768	762716.242	48.758
16769	762765.000	49.983
16770	762814.983	45.533
16771	762860.517	44.842
16772	762905.358	44.950
16773	762950.308	43.617
16774	762993.925	49.917
16775	763043.842	47.775
16776	763091.617	49.650
16777	763141.267	50.567
16778	763191.833	50.633
16779	763242.467	50.175
16780	763292.642	44.692
16781	763337.333	48.500
16782	763385.833	50.892
16783	763436.725	50.367
16784	763487.092	43.108
16785	763530.200	45 150
16786	763575 350	46 267
16787	763621 617	45.800
16788	763667 417	50.817
16789	763718 233	48.992
16790	763767.225	45.667
16791	763812.892	44.800
16792	763857.692	50.458
16793	763908.150	46.675
16794	763954.825	44 217
16795	763999 042	45.583
16796	764044.625	38.942
16797	764083.567	50.117
16798	764133.683	22.075
16799	764155.758	47.875
16800	764203.633	50.833
16801	764254.467	46 908
16802	764301.375	46.200
16803	764347.575	44.467
16804	764392.042	49.158
16805	764441.200	49.600
16806	764490.800	43.875
16807	764534.675	47.133
16808	764581.808	49.775
16809	764631.583	22.250
16810	764653.833	48.367
16811	764702 200	51.158
16812	764753.358	50.108
16813	764803.467	48.900
16814	764852.367	45.283
16815	764897.650	48.775
16816	764946.425	50.650
16817	764997.075	49.917
16818	765046.992	47.542
16819	765094.533	39.358
16820	765133.892	50.258

Weld	Distance (ft.)	Joint Length (ft.)
16821	765184.150	46.633
16822	765230.783	44.083
16823	765274.867	51.542
16824	765326.408	46.150
16825	765372.558	47.133
16826	765419.692	48.292
16827	765467.983	46.142
16828	765514.125	46.117
16829	765560.242	49.217
16830	765609.458	36.367
16831	765645.825	42.092
16832	765687.917	47.575
16833	765735.492	51.175
16834	765786.667	48.600
16835	765835.267	48.208
16836	765883.475	45.383
16837	765928.858	44.042
16838	765972.900	49.242
16839	766022.142	48 325
16840	766070.467	44.308
16841	766114.775	46.850
16842	766161.625	47.008
16843	766208.633	32.358
16844	766240.992	37.758
16845	766278.750	49.983
16846	766328.733	50.108
16847	766378.842	47.200
16848	766426.042	45.917
16849	766471.958	49.967
16850	766521.925	44.283
16851	766566.208	45.300
16852	766611.508	49.683
16853	766661.192	47.042
16854	766708.233	50.475
16855	766758.708	48.542
16856	766807.250	43.500
16857	766850.750	46.208
16858	766896.958	46.908
16859	766943.867	45.075
16860	766988.942	45.417
16861	767034.358	49.600
16862	767083.958	42.417
16863	767126 375	44.258
16864	767170.633	46.292
16865	767216.925	50.542
16866	767267.467	48.800
16867	767316.267	45.958
16868	767362.225	46.158
16869	767408.383	44.400
16870	767452.783	49.683
16871	767502.467	49.283
16872	767551.750	44.617
16873	767596.367	49.992
16874	767646.358	46.000
16875	767692.358	44.925
16876	767737.283	45.142
16877	767782.425	50.400
16878	767832.825	44.650

Weld	Distance (ft.)	Joint Length (ft.)
16879	767877.475	42.958
16880	767920 433	46.308
16881	767966.742	40.850
16882	768007.592	48.575
16883	768056.167	49 683
16884	768105.850	49.300
16885	768155.150	47.317
16886	768202.467	49.267
16887	768251.733	47.000
16888	768298.733	45.508
16889	768344.242	45.067
16890	768389.308	47 825
16891	768437.133	49.275
16892	768486.408	37 517
16893	768523.925	45.167
16894	768569 092	47.783
16895	768616.875	50.958
16896	768667 833	47.592
16897	768715.425	47.867
16898	768763.292	42.817
16899	768806.108	48.075
16900	768854.183	50.792
16901	768904.975	47.517
16902	768952.492	50.800
16903	769003.292	49.483
16904	769052.775	47.967
16905	769100.742	48.650
16906	769149.392	50.558
16907	769199 950	51.025
16908	769250.975	49.792
16909	769300.767	30.492
16910	769331.258	50.150
16911	769381 408	47.575
16912	769428.983	49.983
16913	769478.967	46.192
16914	769525.158	49.233
16915	769574 392	49.833
16916	769624 225	49.733
16917	769673.958	49.317
16918	769723.275	49 492
16919	769772.767	47.600
16920	769820.367	49.317
16921	769869.683	45.825
16922	769915.508	49.942
16923	769965.450	48.442
16924	770013 892	50.475
16925	770064.367	22.867
16926	770087.233	46.350
16927	770133.583	46.442
16928	770180.025	48.258
16929	770228.283	49.592
16930	770277.875	49.600
16931	770327.475	49.600
16932	770377 075	49.967
16933	770427 042	51.575
16934	770478.617	48.767
16935	770527.383	47.267
16936	770574.650	49.825

Weld	Distance (ft.)	Joint Length (ft.)
16937	770624.475	49.225
16938	770673.700	48.633
16939	770722 333	46.533
16940	770768.867	48 842
16941	770817.708	49.283
16942	770866.992	11.042
16943	770878.033	37.808
16944	770915.842	27.967
16945	770943.808	46.633
16946	770990.442	20.908
16947	771011.350	48 808
16948	771060 158	49.075
16949	771109.233	47.500
16950	771156.733	39 617
16951	771196.350	48.742
16952	771245.092	47.967
16953	771293.058	47.242
16954	771340 300	47.742
16955	771388 042	49.383
16956	771437.425	45.925
16957	771483.350	47.317
16958	771530.667	42.667
16959	771573.333	49.100
16960	771622.433	45.925
16961	771668.358	47.883
16962	771716.242	48.900
16963	771765.142	48.142
16964	771813.283	40.183
16965	771853.467	50.250
16966	771903 717	47.017
16967	771950.733	48.983
16968	771999.717	43.883
16969	772043.600	47.608
16970	772091.208	48.000
16971	772139.208	49 675
16972	772188.883	49 650
16973	772238.533	48.875
16974	772287.408	45.717
16975	772333 125	49.658
16976	772382.783	18 042
16977	772400.825	49.142
16978	772449.967	47.708
16979	772497.675	49.450
16980	772547.125	31.075
16981	772578.200	49.817
16982	772628.017	49.567
16983	772677.583	48.083
16984	772725.667	50.417
16985	772776.083	45.717
16986	772821.800	45.083
16987	772866.883	48.042
16988	772914.925	49 400
16989	772964.325	48.725
16990	773013.050	48.067
16991	773061.117	50.225
16992	773111.342	49.533
16993	773160.875	47.558
16994	773208.433	47 633

Weld	Distance (ft.)	Joint Length (ft.)
16995	773256.067	49.958
16996	773306.025	49.158
16997	773355.183	9.133
16998	773364.317	48 533
16999	773412.850	49.100
17000	773461.950	44.992
17001	773506.942	45.458
17002	773552.400	49.250
17003	773601.650	49.350
17004	773651.000	50.000
17005	773701.000	6.408
17006	773707 408	49.967
17007	773757.375	11.917
17008	773769.292	48.925
17009	773818.217	44.075
17010	773862.292	48.875
17011	773911.167	48.683
17012	773959.850	49.500
17013	774009.350	48 625
17014	774057.975	21.800
17015	774079.775	49.317
17016	774129.092	16.858
17017	774145.950	26.450
17018	774172 400	48.483
17019	774220.883	48 858
17020	774269.742	23.050
17021	774292.792	49 583
17022	774342.375	49.525
17023	774391.900	44.883
17024	774436.783	50.258
17025	774487 042	49.133
17026	774536.175	44.008
17027	774580.183	30.758
17028	774610.942	35.017
17029	774645 958	47.400
17030	774693.358	48 450
17031	774741.808	48.992
17032	774790.800	49.417
17033	774840.217	48.125
17034	774888.342	46.667
17035	774935.008	46.767
17036	774981.775	50.283
17037	775032.058	48.517
17038	775080.575	48.567
17039	775129 142	48.933
17040	775178.075	48.275
17041	775226.350	50.017
17042	775276.367	46.467
17043	775322 833	49.717
17044	775372.550	49 992
17045	775422.542	49.392
17046	775471.933	50.242
17047	775522.175	48.825
17048	775571.000	50 458
17049	775621.458	48 083
17050	775669.542	49.775
17051	775719.317	50.242
17052	775769.558	46.200

Weld	Distance (ft.)	Joint Length (ft.)
17053	775815.758	49.075
17054	775864.833	48.092
17055	775912.925	49.217
17056	775962.142	48.792
17057	776010.933	49.242
17058	776060.175	48.533
17059	776108 708	49.308
17060	776158 017	46.575
17061	776204.592	50.000
17062	776254.592	47.167
17063	776301.758	48 833
17064	776350.592	49.567
17065	776400.158	48 725
17066	776448.883	48.892
17067	776497.775	47.142
17068	776544.917	51.008
17069	776595.925	49.475
17070	776645.400	46.592
17071	776691.992	48.658
17072	776740.650	51.092
17073	776791.742	48.675
17074	776840.417	49.808
17075	776890.225	48.975
17076	776939 200	30.133
17077	776969 333	49 358
17078	777018 692	49 200
17079	777067.892	48 483
17080	777116.375	16.542
17081	777132.917	50.667
17082	777183.583	48.167
17083	777231.750	46.208
17084	777277.958	49.133
17085	777327.092	51.642
17086	777378.733	32.592
17087	777411.325	49.175
17088	777460.500	48.908
17089	777509.408	49.717
17090	777559.125	50.917
17091	777610.042	51.408
17092	777661.450	51.242
17093	777712.692	52.050
17094	777764.742	51.050
17095	777815.792	6.417
17096	777822.208	4.775
17097	777826.983	4.258
17098	777831 242	34.908
17099	777866.150	49.883
17100	777916.033	39.858
17101	777955.892	9.383
17102	777965.275	48.308
17103	778013.583	47.833
17104	778061 417	50.683
17105	778112 100	49.233
17106	778161.333	50.658
17107	778211.992	51.733
17108	778263.725	39.842
17109	778303.567	50.225
17110	778353.792	46 825

Weld	Distance (ft.)	Joint Length (ft.)
17111	778400.617	50.158
17112	778450.775	51.533
17113	778502.308	51.617
17114	778553.925	46.942
17115	778600.867	51.892
17116	778652.758	46.042
17117	778698.800	46.358
17118	778745.158	45.308
17119	778790.467	19.983
17120	778810.450	44.575
17121	778855.025	25.592
17122	778880.617	44.542
17123	778925.158	48.125
17124	778973 283	46.658
17125	779019.942	44.267
17126	779064.208	46 608
17127	779110 817	46.083
17128	779156.900	45.417
17129	779202.317	46 842
17130	779249.158	41.733
17131	779290.892	46.825
17132	779337.717	44.825
17133	779382.542	44.158
17134	779426.700	46.675
17135	779473.375	46.608
17136	779519.983	45.642
17137	779565.625	47.708
17138	779613.333	44 842
17139	779658.175	41.092
17140	779699.267	49.200
17141	779748.467	46 092
17142	779794.558	49.200
17143	779843.758	50.667
17144	779894.425	48.133
17145	779942.558	51.633
17146	779994.192	49.842
17147	780044 033	49.625
17148	780093 658	45.917
17149	780139.575	50.858
17150	780190.433	9.983
17151	780200.417	47.125
17152	780247.542	49.583
17153	780297.125	49.883
17154	780347.008	43.725
17155	780390 733	50.800
17156	780441.533	43.375
17157	780484.908	49.875
17158	780534.783	46.450
17159	780581.233	46.242
17160	780627.475	51.775
17161	780679.250	46.550
17162	780725.800	50.800
17163	780776 600	46.717
17164	780823.317	45.067
17165	780868.383	48.417
17166	780916.800	44.833
17167	780961.633	47.125
17168	781008.758	46.783

Weld	Distance (ft.)	Joint Length (ft.)
17169	781055 542	46.808
17170	781102.350	46.358
17171	781148.708	48.008
17172	781196.717	46.733
17173	781243 450	46.342
17174	781289.792	45.208
17175	781335.000	45.950
17176	781380.950	43.058
17177	781424.008	46.358
17178	781470.367	52 575
17179	781522.942	46.233
17180	781569.175	45.142
17181	781614.317	46.625
17182	781660.942	46.383
17183	781707.325	47.017
17184	781754.342	45.017
17185	781799.358	42.792
17186	781842.150	45.625
17187	781887.775	22.842
17188	781910.617	45.108
17189	781955.725	47.250
17190	782002.975	45.100
17191	782048.075	44.733
17192	782092.808	49.242
17193	782142.050	49.225
17194	782191.275	44.892
17195	782236.167	45.458
17196	782281.625	45.108
17197	782326.733	44.317
17198	782371.050	44.142
17199	782415 192	46.075
17200	782461.267	45.217
17201	782506.483	43.383
17202	782549.867	46.083
17203	782595.950	48 008
17204	782643.958	47.058
17205	782691.017	45.300
17206	782736.317	44.783
17207	782781.100	47.433
17208	782828.533	49.742
17209	782878.275	46.025
17210	782924.300	45.933
17211	782970.233	49.275
17212	783019.508	50 925
17213	783070.433	49 750
17214	783120.183	45.975
17215	783166.158	42.350
17216	783208.508	44.908
17217	783253 417	47.492
17218	783300.908	15.342
17219	783316.250	48.525
17220	783364.775	44.858
17221	783409.633	46 183
17222	783455.817	49.167
17223	783504.983	48.092
17224	783553.075	30.942
17225	783584.017	49.950
17226	783633.967	46.350

Weld	Distance (ft.)	Joint Length (ft.)
17227	783680 317	49.883
17228	783730.200	44 758
17229	783774.958	48.442
17230	783823.400	44.575
17231	783867.975	44.592
17232	783912.567	45.950
17233	783958.517	45.358
17234	784003.875	46.775
17235	784050.650	50.758
17236	784101.408	44.267
17237	784145.675	37.283
17238	784182 958	47.183
17239	784230 142	44.417
17240	784274.558	49 092
17241	784323.650	46.383
17242	784370.033	44.625
17243	784414.658	50.567
17244	784465.225	46.808
17245	784512.033	50.958
17246	784562.992	50.567
17247	784613.558	43.817
17248	784657.375	48 067
17249	784705.442	45.933
17250	784751.375	43 775
17251	784795.150	44.525
17252	784839.675	43.558
17253	784883.233	47.908
17254	784931.142	45.808
17255	784976.950	49.283
17256	785026.233	45.850
17257	785072.083	46.367
17258	785118.450	46.092
17259	785164.542	46.875
17260	785211.417	44.350
17261	785255.767	46.883
17262	785302.650	49.650
17263	785352.300	45.892
17264	785398.192	46.325
17265	785444.517	46.142
17266	785490.658	51.150
17267	785541.808	47.358
17268	785589.167	48.983
17269	785638.150	47.083
17270	785685.233	46.217
17271	785731.450	51.100
17272	785782 550	48 875
17273	785831.425	49.325
17274	785880.750	43.467
17275	785924 217	46.600
17276	785970 817	46.008
17277	786016.825	39.200
17278	786056.025	44 175
17279	786100.200	43.208
17280	786143.408	46.850
17281	786190.258	45.217
17282	786235 475	47.325
17283	786282.800	50 858
17284	786333.658	50.800

Weld	Distance (ft.)	Joint Length (ft.)
17285	786384.458	46.542
17286	786431.000	49.392
17287	786480.392	45.058
17288	786525.450	49.083
17289	786574.533	48.433
17290	786622.967	2.025
17291	786624.992	40.092
17292	786665 083	42.950
17293	786708 033	38.017
17294	786746.050	43.100
17295	786789.150	43.142
17296	786832 292	10.017
17297	786842.308	43.350
17298	786885.658	43 133
17299	786928.792	43.350
17300	786972.142	18.108
17301	786990.250	42.550
17302	787032.800	43.650
17303	787076.450	43.167
17304	787119.617	41.858
17305	787161 475	41.342
17306	787202.817	41 217
17307	787244.033	40.250
17308	787284.283	36.158
17309	787320.442	39.558
17310	787360.000	37.642
17311	787397.642	35.850
17312	787433 492	24.667
17313	787458.158	40.233
17314	787498 392	44.158
17315	787542.550	36.158
17316	787578.708	34.325
17317	787613.033	38.142
17318	787651.175	43.275
17319	787694 450	41.075
17320	787735.525	40.942
17321	787776.467	40.050
17322	787816.517	37.925
17323	787854.442	43.225
17324	787897.667	42.342
17325	787940 008	43.983
17326	787983.992	38 950
17327	788022.942	43.342
17328	788066.283	42.142
17329	788108 425	29.083
17330	788137.508	41.825
17331	788179.333	43 508
17332	788222.842	42.233
17333	788265.075	43.867
17334	788308 942	43.167
17335	788352.108	42 358
17336	788394 467	41.642
17337	788436.108	41.600
17338	788477.708	42.150
17339	788519.858	42.350
17340	788562.208	44.483
17341	788606 692	42.667
17342	788649.358	36.967

Weld	Distance (ft.)	Joint Length (ft.)
17343	788686.325	39.367
17344	788725.692	30.567
17345	788756.258	38 492
17346	788794.750	42.317
17347	788837.067	39 000
17348	788876.067	41.342
17349	788917.408	26.875
17350	788944.283	41.058
17351	788985.342	44.058
17352	789029.400	39.217
17353	789068.617	40.492
17354	789109.108	43.750
17355	789152.858	42.250
17356	789195.108	39.625
17357	789234.733	42.342
17358	789277.075	42.667
17359	789319 742	41.858
17360	789361.600	43.067
17361	789404.667	42.967
17362	789447.633	42.800
17363	789490.433	40.983
17364	789531.417	42.467
17365	789573.883	40.842
17366	789614.725	40.008
17367	789654.733	43 067
17368	789697.800	43 683
17369	789741.483	43.533
17370	789785.017	42.592
17371	789827.608	43.225
17372	789870.833	43.408
17373	789914.242	43.358
17374	789957.600	39.708
17375	789997.308	40.825
17376	790038.133	36.275
17377	790074.408	39.208
17378	790113.617	43.075
17379	790156.692	43.508
17380	790200.200	41.792
17381	790241 992	43.350
17382	790285.342	42.817
17383	790328.158	43.483
17384	790371.642	40.017
17385	790411.658	40.800
17386	790452 458	42.025
17387	790494.483	36.725
17388	790531.208	41.108
17389	790572.317	42.067
17390	790614.383	34.858
17391	790649.242	36.050
17392	790685.292	42 908
17393	790728.200	37.058
17394	790765.258	37.983
17395	790803.242	43.575
17396	790846.817	41.200
17397	790888.017	42.225
17398	790930 242	43.108
17399	790973 350	14.975
17400	790988.325	42.125

Weld	Distance (ft.)	Joint Length (ft.)
17401	791030 450	41.700
17402	791072.150	42.525
17403	791114.675	42.400
17404	791157.075	19.117
17405	791176.192	31.600
17406	791207.792	32.342
17407	791240.133	42.533
17408	791282.667	39.633
17409	791322.300	43.250
17410	791365 550	41.383
17411	791406.933	43.917
17412	791450.850	38.867
17413	791489.717	35.200
17414	791524.917	39 817
17415	791564.733	43.300
17416	791608.033	35.967
17417	791644 000	42.633
17418	791686 633	44.125
17419	791730.758	43.167
17420	791773 925	42.442
17421	791816.367	42.858
17422	791859.225	39.817
17423	791899.042	38.925
17424	791937.967	43.417
17425	791981.383	43.842
17426	792025.225	43.050
17427	792068.275	41.650
17428	792109.925	41.983
17429	792151.908	26.458
17430	792178.367	42.367
17431	792220.733	41.767
17432	792262.500	37.567
17433	792300.067	42.083
17434	792342.150	35.933
17435	792378.083	42.800
17436	792420.883	38.183
17437	792459.067	43.083
17438	792502.150	43.592
17439	792545.742	42.600
17440	792588.342	43.667
17441	792632.008	43 433
17442	792675.442	43 158
17443	792718 600	41.675
17444	792760.275	41.933
17445	792802.208	38.692
17446	792840.900	10.958
17447	792851.858	41 642
17448	792893.500	41.692
17449	792935.192	42.417
17450	792977.608	42.658
17451	793020.267	37.000
17452	793057.267	42.042
17453	793099 308	40.725
17454	793140 033	43.042
17455	793183.075	32.592
17456	793215.667	42 925
17457	793258.592	41.775
17458	793300.367	43.058

Weld	Distance (ft.)	Joint Length (ft.)
17459	793343.425	41.533
17460	793384.958	39.575
17461	793424.533	43.192
17462	793467.725	43.633
17463	793511.358	29.933
17464	793541.292	42.725
17465	793584 017	41.908
17466	793625.925	33.642
17467	793659.567	36.617
17468	793696.183	40.758
17469	793736.942	42.242
17470	793779.183	41.342
17471	793820.525	42.342
17472	793862.867	42.242
17473	793905 108	43.292
17474	793948.400	41.625
17475	793990.025	42 792
17476	794032.817	37.283
17477	794070.100	43.000
17478	794113.100	36.075
17479	794149.175	42.875
17480	794192.050	42.058
17481	794234.108	42.017
17482	794276.125	41.275
17483	794317.400	42.233
17484	794359.633	42.392
17485	794402.025	40.258
17486	794442.283	42.542
17487	794484.825	41.117
17488	794525.942	42 408
17489	794568.350	38.733
17490	794607.083	42.492
17491	794649.575	39.975
17492	794689.550	42.808
17493	794732.358	43.567
17494	794775.925	40.808
17495	794816.733	43.075
17496	794859.808	42.742
17497	794902.550	42.633
17498	794945 183	42.458
17499	794987.642	41.017
17500	795028.658	43.325
17501	795071.983	37.058
17502	795109.042	43.833
17503	795152.875	44.075
17504	795196.950	42.650
17505	795239.600	41 192
17506	795280.792	42.300
17507	795323.092	39.975
17508	795363 067	42.742
17509	795405 808	43.383
17510	795449.192	42.658
17511	795491.850	39.283
17512	795531.133	43.450
17513	795574.583	42.683
17514	795617.267	43.100
17515	795660.367	41.492
17516	795701.858	42.858

Weld	Distance (ft.)	Joint Length (ft.)
17517	795744.717	42.983
17518	795787.700	41.883
17519	795829.583	41.617
17520	795871.200	28.275
17521	795899.475	44.250
17522	795943.725	42.842
17523	795986.567	41.792
17524	796028.358	40.033
17525	796068.392	43.250
17526	796111.642	43.183
17527	796154.825	43.008
17528	796197.833	43.108
17529	796240.942	43.133
17530	796284.075	42.250
17531	796326.325	41.708
17532	796368 033	42.925
17533	796410.958	44.158
17534	796455.117	35.717
17535	796490.833	42.217
17536	796533.050	42.333
17537	796575.383	40.483
17538	796615.867	41.783
17539	796657.650	40.625
17540	796698.275	43.625
17541	796741.900	40.758
17542	796782.658	41.467
17543	796824.125	43.142
17544	796867.267	42.733
17545	796910.000	42.867
17546	796952.867	42.800
17547	796995.667	37.650
17548	797033.317	38.050
17549	797071.367	40.933
17550	797112.300	44.133
17551	797156.433	38.067
17552	797194.500	39.875
17553	797234.375	39.942
17554	797274.317	43.017
17555	797317.333	40.958
17556	797358.292	42.283
17557	797400.575	43.425
17558	797444.000	41.658
17559	797485.658	42.558
17560	797528.217	42.267
17561	797570.483	40.575
17562	797611.058	39.658
17563	797650.717	42.208
17564	797692.925	43 267
17565	797736.192	42.858
17566	797779.050	42.383
17567	797821.433	40.725
17568	797862.158	34.758
17569	797896.917	43.367
17570	797940.283	43 017
17571	797983.300	34.708
17572	798018.008	42.733
17573	798060.742	44.025
17574	798104.767	33 208

Weld	Distance (ft.)	Joint Length (ft.)
17575	798137.975	38.042
17576	798176.017	43.283
17577	798219.300	39.208
17578	798258.508	42.167
17579	798300.675	43.108
17580	798343.783	33.100
17581	798376.883	40.692
17582	798417.575	41.392
17583	798458.967	42.150
17584	798501.117	42.667
17585	798543.783	42.467
17586	798586.250	42.875
17587	798629 125	42 900
17588	798672.025	41.425
17589	798713.450	41.900
17590	798755.350	41.717
17591	798797.067	43 583
17592	798840.650	35.808
17593	798876.458	33.000
17594	798909 458	41.508
17595	798950.967	43 492
17596	798994.458	41.867
17597	799036.325	39.583
17598	799075 908	41 583
17599	799117 492	30 092
17600	799147.583	38.117
17601	799185 700	41.375
17602	799227.075	40.083
17603	799267.158	43.692
17604	799310.850	42.817
17605	799353 667	42.450
17606	799396.117	32.067
17607	799428.183	40.733
17608	799468.917	40.483
17609	799509.400	40.783
17610	799550.183	41.558
17611	799591.742	42.783
17612	799634.525	42.283
17613	799676.808	43.900
17614	799720.708	25.092
17615	799745.800	34.717
17616	799780.517	42.200
17617	799822.717	41.092
17618	799863 808	40.300
17619	799904.108	41.333
17620	799945.442	40.217
17621	799985 658	44.017
17622	800029.675	43.358
17623	800073.033	43.833
17624	800116.867	40.583
17625	800157.450	42 233
17626	800199 683	39.650
17627	800239 333	42.758
17628	800282.092	40.383
17629	800322.475	42.658
17630	800365 133	37.242
17631	800402.375	41.900
17632	800444.275	39.200

Weld	Distance (ft.)	Joint Length (ft.)
17633	800483.475	41.033
17634	800524.508	43.525
17635	800568.033	42.825
17636	800610.858	43.517
17637	800654.375	37 683
17638	800692.058	41.358
17639	800733.417	42.458
17640	800775.875	40.125
17641	800816.000	42.658
17642	800858.658	39.233
17643	800897.892	40.650
17644	800938.542	40.833
17645	800979.375	39.433
17646	801018.808	41.583
17647	801060.392	32.067
17648	801092 458	41.967
17649	801134.425	42.367
17650	801176.792	43.142
17651	801219.933	40.583
17652	801260.517	40.392
17653	801300.908	42.708
17654	801343.617	41.592
17655	801385.208	41.275
17656	801426.483	41.542
17657	801468.025	43.333
17658	801511.358	43.267
17659	801554.625	43 100
17660	801597.725	39.683
17661	801637.408	39.392
17662	801676 800	38.558
17663	801715.358	40.133
17664	801755.492	32.375
17665	801787 867	44 483
17666	801832.350	41.217
17667	801873.567	42.692
17668	801916.258	36.283
17669	801952 542	43.417
17670	801995.958	42.108
17671	802038.067	43.583
17672	802081.650	42 508
17673	802124 158	42.967
17674	802167.125	41.458
17675	802208.583	42.558
17676	802251 142	35.917
17677	802287.058	40.150
17678	802327.208	41.617
17679	802368.825	42.433
17680	802411.258	42.908
17681	802454.167	42.275
17682	802496.442	42.175
17683	802538.617	42.742
17684	802581.358	32.950
17685	802614 308	42.725
17686	802657.033	43.908
17687	802700.942	42.283
17688	802743.225	40 583
17689	802783.808	44.008
17690	802827.817	44.167

Weld	Distance (ft.)	Joint Length (ft.)
17691	802871.983	43.192
17692	802915.175	40.183
17693	802955.358	41 942
17694	802997.300	40.500
17695	803037.800	42.500
17696	803080 300	43.042
17697	803123.342	42.475
17698	803165.817	41.300
17699	803207.117	43.850
17700	803250.967	42.808
17701	803293.775	36.533
17702	803330 308	38.267
17703	803368.575	41.775
17704	803410.350	43.975
17705	803454.325	42.292
17706	803496.617	41.492
17707	803538.108	42 442
17708	803580.550	33.475
17709	803614.025	42.850
17710	803656.875	42.708
17711	803699.583	43 483
17712	803743.067	40.908
17713	803783.975	29.900
17714	803813.875	43.750
17715	803857.625	42.733
17716	803900.358	43.142
17717	803943.500	40.033
17718	803983 533	42.083
17719	804025.617	42 475
17720	804068.092	43.250
17721	804111 342	41.308
17722	804152.650	44.158
17723	804196.808	42 717
17724	804239.525	41.617
17725	804281.142	42.200
17726	804323.342	43.875
17727	804367.217	43.567
17728	804410.783	42.983
17729	804453.767	40.617
17730	804494.383	28 058
17731	804522.442	43.092
17732	804565.533	39.942
17733	804605.475	43.725
17734	804649.200	41.892
17735	804691 092	43.167
17736	804734.258	39.733
17737	804773.992	41.000
17738	804814.992	43.442
17739	804858.433	39 867
17740	804898.300	42.442
17741	804940.742	41.825
17742	804982.567	43 833
17743	805026.400	41.900
17744	805068.300	43.517
17745	805111.817	41 508
17746	805153.325	44.017
17747	805197.342	41.792
17748	805239.133	41.475

Weld	Distance (ft.)	Joint Length (ft.)
17749	805280.608	41.750
17750	805322.358	42.167
17751	805364.525	40.125
17752	805404.650	42.450
17753	805447.100	39.783
17754	805486.883	41.867
17755	805528.750	42.092
17756	805570.842	41 975
17757	805612.817	44.083
17758	805656 900	39.358
17759	805696.258	38.700
17760	805734.958	41.950
17761	805776.908	39.892
17762	805816.800	41.308
17763	805858.108	42.333
17764	805900.442	37.642
17765	805938.083	43.717
17766	805981 800	40.342
17767	806022.142	42 842
17768	806064.983	38 792
17769	806103.775	41.500
17770	806145.275	43.500
17771	806188.775	43.375
17772	806232.150	43.408
17773	806275 558	42.892
17774	806318 450	31.225
17775	806349.675	1.992
17776	806351.667	44 692
17777	806396.358	45.092
17778	806441.450	44.350
17779	806485.800	44.842
17780	806530.642	45.442
17781	806576.083	45 475
17782	806621 558	43.908
17783	806665 467	44.675
17784	806710.142	44.308
17785	806754.450	44.608
17786	806799.058	44.325
17787	806843.383	48.733
17788	806892 117	49.400
17789	806941 517	48.267
17790	806989.783	49.875
17791	807039.658	44.817
17792	807084.475	42.733
17793	807127.208	49.583
17794	807176.792	43 767
17795	807220.558	44.042
17796	807264.600	40.133
17797	807304.733	47.942
17798	807352.675	47.150
17799	807399.825	45.133
17800	807444.958	44 183
17801	807489.142	48.667
17802	807537.808	48.592
17803	807586.400	50.417
17804	807636.817	46.042
17805	807682 858	44.633
17806	807727.492	48 725

Weld	Distance (ft.)	Joint Length (ft.)
17807	807776.217	48.258
17808	807824.475	44.842
17809	807869.317	46.525
17810	807915.842	50.892
17811	807966.733	45.758
17812	808012.492	44.533
17813	808057 025	44.650
17814	808101.675	47.192
17815	808148.867	47.342
17816	808196.208	46.792
17817	808243.000	48.542
17818	808291.542	45.183
17819	808336.725	44.467
17820	808381.192	44 933
17821	808426.125	45.850
17822	808471.975	46.958
17823	808518 933	49.408
17824	808568.342	46.700
17825	808615.042	48.217
17826	808663.258	44.975
17827	808708.233	44.433
17828	808752.667	29.200
17829	808781.867	4 042
17830	808785.908	4.633
17831	808790 542	2.933
17832	808793 475	1.950
17833	808795.425	3.442
17834	808798.867	1.833
17835	808800.700	44.375
17836	808845.075	47.875
17837	808892.950	46 483
17838	808939.433	44.217
17839	808983.650	44.942
17840	809028.592	45.817
17841	809074.408	45.275
17842	809119.683	44.758
17843	809164.442	44.192
17844	809208 633	47.108
17845	809255 742	43.050
17846	809298.792	48.708
17847	809347.500	43.350
17848	809390.850	48.600
17849	809439.450	48.383
17850	809487.833	51 758
17851	809539.592	48.133
17852	809587.725	45.867
17853	809633.592	45.792
17854	809679.383	45.492
17855	809724.875	48.867
17856	809773 742	43.025
17857	809816 767	42.533
17858	809859.300	48.675
17859	809907.975	47.600
17860	809955.575	43.083
17861	809998.658	46 425
17862	810045 083	49.033
17863	810094.117	49.342
17864	810143.458	49.042

Weld	Distance (ft.)	Joint Length (ft.)
17865	810192.500	46.900
17866	810239.400	48.050
17867	810287.450	49 350
17868	810336.800	48.167
17869	810384.967	49 050
17870	810434.017	50.067
17871	810484.083	47.267
17872	810531.350	47.283
17873	810578.633	47.842
17874	810626.475	50.492
17875	810676.967	49.950
17876	810726 917	48.650
17877	810775.567	46 008
17878	810821.575	48.950
17879	810870.525	44.417
17880	810914.942	50.083
17881	810965.025	49.908
17882	811014.933	48.517
17883	811063.450	44.692
17884	811108.142	44 475
17885	811152.617	50.617
17886	811203.233	42.500
17887	811245.733	48.133
17888	811293.867	50.958
17889	811344.825	44.192
17890	811389.017	47.858
17891	811436.875	48.617
17892	811485.492	47.533
17893	811533.025	47.642
17894	811580.667	45.217
17895	811625.883	48.958
17896	811674.842	49.175
17897	811724.017	50.350
17898	811774.367	50.325
17899	811824.692	49.417
17900	811874.108	47.142
17901	811921.250	49.367
17902	811970.617	49.233
17903	812019.850	49.408
17904	812069.258	46.600
17905	812115.858	50.750
17906	812166 608	44.592
17907	812211.200	40.825
17908	812252.025	48.892
17909	812300.917	44.783
17910	812345.700	50.158
17911	812395.858	48.342
17912	812444.200	40.267
17913	812484 467	49.108
17914	812533.575	45.767
17915	812579.342	45.408
17916	812624.750	49.275
17917	812674.025	37.400
17918	812711 425	48.542
17919	812759.967	14.817
17920	812774.783	43.733
17921	812818.517	28.717
17922	812847.233	48 742

Weld	Distance (ft.)	Joint Length (ft.)
17923	812895 975	44.192
17924	812940.167	48.233
17925	812988.400	49 733
17926	813038.133	42 275
17927	813080.408	44.317
17928	813124.725	46.042
17929	813170.767	44.983
17930	813215 750	48.558
17931	813264.308	48.392
17932	813312.700	44.192
17933	813356.892	47.275
17934	813404.167	45.808
17935	813449.975	49.550
17936	813499.525	49.217
17937	813548 742	48.567
17938	813597.308	46.700
17939	813644.008	46.192
17940	813690.200	45.000
17941	813735.200	50.183
17942	813785.383	45.900
17943	813831 283	49.425
17944	813880.708	46.300
17945	813927.008	49.317
17946	813976.325	45.842
17947	814022.167	41.425
17948	814063.592	45 683
17949	814109.275	49.242
17950	814158.517	40.167
17951	814198 683	45.008
17952	814243.692	45.667
17953	814289.358	45 483
17954	814334.842	43 292
17955	814378.133	46.125
17956	814424 258	45.983
17957	814470.242	45.158
17958	814515.400	47.517
17959	814562.917	50.542
17960	814613.458	45.975
17961	814659.433	48.500
17962	814707.933	46.875
17963	814754 808	48.242
17964	814803.050	47.767
17965	814850.817	48.075
17966	814898.892	48.300
17967	814947.192	47.342
17968	814994.533	47.742
17969	815042.275	46 967
17970	815089 242	48 325
17971	815137.567	47.592
17972	815185.158	50.083
17973	815235.242	46.100
17974	815281 342	45.417
17975	815326 758	46.542
17976	815373.300	47 783
17977	815421.083	47 975
17978	815469.058	48.033
17979	815517.092	48.892
17980	815565.983	48.875

Weld	Distance (ft.)	Joint Length (ft.)
17981	815614.858	50.575
17982	815665.433	50.542
17983	815715.975	46 800
17984	815762 775	46.042
17985	815808.817	48.625
17986	815857.442	47.492
17987	815904.933	46.842
17988	815951.775	46.158
17989	815997.933	47.183
17990	816045.117	50 467
17991	816095 583	48.925
17992	816144.508	48.700
17993	816193.208	47.908
17994	816241.117	49.908
17995	816291.025	48.983
17996	816340.008	48 308
17997	816388 317	46 833
17998	816435.150	47.183
17999	816482.333	50.675
18000	816533.008	48.367
18001	816581.375	48.758
18002	816630.133	44.158
18003	816674.292	34.092
18004	816708.383	47.667
18005	816756.050	46.900
18006	816802.950	44.608
18007	816847.558	41.050
18008	816888.608	40.817
18009	816929.425	49.317
18010	816978.742	45.975
18011	817024 717	49.142
18012	817073.858	45.642
18013	817119.500	50.242
18014	817169.742	47.983
18015	817217 725	47 508
18016	817265.233	47 250
18017	817312.483	49.733
18018	817362.217	50.483
18019	817412.700	46.975
18020	817459.675	48.242
18021	817507.917	48.892
18022	817556.808	48.817
18023	817605.625	49.858
18024	817655.483	49 150
18025	817704.633	50 417
18026	817755.050	48.317
18027	817803 367	40.208
18028	817843.575	50 242
18029	817893.817	46.675
18030	817940.492	50.158
18031	817990.650	47.133
18032	818037 783	48 475
18033	818086.258	49.850
18034	818136.108	49.550
18035	818185 658	49.058
18036	818234 717	46.325
18037	818281.042	48.025
18038	818329.067	48.075

Weld	Distance (ft.)	Joint Length (ft.)
18039	818377.142	41.900
18040	818419.042	51.608
18041	818470.650	47.808
18042	818518.458	46.908
18043	818565 367	46.975
18044	818612.342	47.083
18045	818659.425	50.383
18046	818709.808	49.550
18047	818759.358	46.467
18048	818805.825	46.500
18049	818852.325	47.158
18050	818899 483	49.008
18051	818948.492	44.292
18052	818992.783	51.392
18053	819044.175	48 100
18054	819092.275	48.142
18055	819140.417	50.833
18056	819191.250	16.208
18057	819207.458	48.900
18058	819256.358	29.175
18059	819285.533	43 933
18060	819329.467	48.250
18061	819377.717	49.267
18062	819426.983	28.342
18063	819455.325	50 092
18064	819505.417	42.958
18065	819548.375	44.108
18066	819592.483	48.933
18067	819641.417	51.275
18068	819692.692	51 167
18069	819743.858	47.300
18070	819791.158	41.117
18071	819832 275	49.808
18072	819882.083	47.550
18073	819929.633	48 417
18074	819978.050	47.317
18075	820025 367	48.725
18076	820074.092	48.125
18077	820122.217	49.092
18078	820171.308	47.208
18079	820218 517	48.633
18080	820267.150	49.842
18081	820316 992	47.475
18082	820364.467	49.825
18083	820414.292	50.192
18084	820464 483	34.350
18085	820498.833	12.558
18086	820511.392	45.558
18087	820556.950	50.150
18088	820607.100	50.300
18089	820657.400	47 625
18090	820705.025	11.125
18091	820716.150	37.825
18092	820753.975	48.167
18093	820802.142	46.767
18094	820848.908	47.308
18095	820896.217	31.175
18096	820927.392	50.017

Weld	Distance (ft.)	Joint Length (ft.)
18097	820977.408	47.275
18098	821024.683	48 692
18099	821073.375	48.775
18100	821122.150	46.833
18101	821168.983	49.867
18102	821218.850	48.758
18103	821267.608	48.058
18104	821315.667	47.958
18105	821363.625	32.883
18106	821396.508	49.008
18107	821445.517	49 258
18108	821494 775	47.975
18109	821542.750	46.892
18110	821589.642	47.425
18111	821637.067	46.367
18112	821683.433	48.033
18113	821731.467	48.742
18114	821780.208	46 642
18115	821826 850	49.642
18116	821876.492	49 267
18117	821925 758	49.600
18118	821975.358	15.100
18119	821990.458	44.683
18120	822035.142	43.183
18121	822078.325	47.642
18122	822125.967	48 050
18123	822174.017	31 658
18124	822205.675	49.308
18125	822254.983	47.275
18126	822302.258	47.533
18127	822349.792	49.900
18128	822399.692	47.592
18129	822447.283	45 117
18130	822492 400	45.642
18131	822538.042	42.175
18132	822580.217	42.475
18133	822622.692	48.350
18134	822671 042	44.358
18135	822715 400	43.533
18136	822758 933	41.633
18137	822800.567	48.767
18138	822849.333	49.675
18139	822899.008	48.958
18140	822947.967	43.367
18141	822991.333	50.942
18142	823042.275	50.033
18143	823092.308	49.075
18144	823141.383	47.483
18145	823188.867	48.517
18146	823237.383	40.608
18147	823277 992	44.783
18148	823322.775	44.975
18149	823367.750	42.258
18150	823410.008	46.225
18151	823456 233	46 358
18152	823502.592	44.642
18153	823547.233	48.842
18154	823596.075	49.167

Weld	Distance (ft.)	Joint Length (ft.)
18155	823645.242	48.442
18156	823693.683	45.525
18157	823739.208	47.700
18158	823786.908	36.867
18159	823823.775	43.250
18160	823867.025	47.692
18161	823914.717	41 250
18162	823955.967	45.492
18163	824001.458	47.850
18164	824049.308	42.758
18165	824092.067	42.583
18166	824134.650	47.892
18167	824182.542	47.900
18168	824230.442	45.142
18169	824275.583	49.242
18170	824324.825	38 300
18171	824363.125	45.317
18172	824408.442	48.117
18173	824456.558	44.575
18174	824501.133	45.100
18175	824546.233	47.808
18176	824594.042	46.125
18177	824640.167	46 350
18178	824686.517	45.958
18179	824732.475	45.450
18180	824777.925	50.708
18181	824828.633	45.300
18182	824873.933	44.225
18183	824918.158	49 767
18184	824967.925	43.392
18185	825011.317	47.150
18186	825058.467	48.083
18187	825106.550	43.317
18188	825149.867	44.200
18189	825194 067	50.108
18190	825244.175	40.592
18191	825284.767	48.500
18192	825333.267	50.500
18193	825383.767	42.150
18194	825425.917	45.133
18195	825471.050	50.017
18196	825521.067	48.617
18197	825569.683	48.142
18198	825617.825	50.958
18199	825668.783	49.358
18200	825718.142	47.142
18201	825765.283	48.917
18202	825814.200	44 583
18203	825858.783	44.808
18204	825903.592	49.075
18205	825952.667	47.350
18206	826000.017	49 175
18207	826049.192	45 617
18208	826094.808	48.767
18209	826143.575	46.542
18210	826190 117	43.100
18211	826233.217	48 058
18212	826281.275	45.075

Weld	Distance (ft.)	Joint Length (ft.)
18213	826326.350	46.200
18214	826372.550	50.275
18215	826422.825	45.125
18216	826467.950	49.383
18217	826517.333	47.450
18218	826564.783	49.650
18219	826614.433	45.233
18220	826659.667	41.642
18221	826701.308	50.250
18222	826751.558	47.833
18223	826799.392	44.658
18224	826844.050	45.492
18225	826889.542	46.300
18226	826935.842	45.267
18227	826981.108	44.958
18228	827026.067	47.942
18229	827074.008	45.167
18230	827119.175	43.000
18231	827162.175	48.500
18232	827210.675	44.650
18233	827255.325	45.033
18234	827300.358	45.658
18235	827346 017	47.683
18236	827393.700	45.117
18237	827438.817	43.233
18238	827482.050	43.167
18239	827525.217	44.142
18240	827569.358	43.817
18241	827613.175	44.550
18242	827657.725	45.267
18243	827702.992	48.583
18244	827751.575	42.883
18245	827794.458	44.900
18246	827839.358	44.858
18247	827884.217	43.117
18248	827927.333	50.350
18249	827977.683	44.517
18250	828022.200	43.175
18251	828065.375	44.783
18252	828110.158	44.067
18253	828154.225	45 367
18254	828199.592	44 400
18255	828243.992	43.717
18256	828287.708	44.900
18257	828332.608	45.267
18258	828377.875	44.225
18259	828422.100	45.408
18260	828467.508	44.017
18261	828511.525	44.617
18262	828556.142	46.125
18263	828602.267	45.342
18264	828647.608	42.808
18265	828690.417	44 600
18266	828735.017	44.558
18267	828779.575	41.167
18268	828820.742	46.217
18269	828866.958	45.917
18270	828912.875	45.350

Weld	Distance (ft.)	Joint Length (ft.)
18271	828958.225	45.942
18272	829004.167	44 508
18273	829048.675	43.733
18274	829092.408	44.583
18275	829136.992	43.033
18276	829180.025	45.050
18277	829225.075	44.833
18278	829269.908	43.833
18279	829313.742	45.833
18280	829359.575	44.117
18281	829403.692	45.433
18282	829449.125	45.767
18283	829494.892	44.392
18284	829539.283	44.550
18285	829583.833	46 192
18286	829630.025	45.875
18287	829675.900	49.558
18288	829725.458	45.492
18289	829770 950	45 542
18290	829816 492	44 525
18291	829861.017	42.025
18292	829903.042	44.958
18293	829948.000	44.000
18294	829992 000	44 442
18295	830036.442	41.617
18296	830078.058	45.175
18297	830123.233	45.867
18298	830169 100	45 933
18299	830215.033	45.358
18300	830260.392	45.167
18301	830305.558	46.292
18302	830351.850	43.725
18303	830395 575	44 658
18304	830440.233	44.492
18305	830484.725	44.942
18306	830529.667	47.958
18307	830577.625	50 717
18308	830628.342	43.992
18309	830672.333	46.508
18310	830718.842	46.242
18311	830765.083	47.075
18312	830812.158	46 733
18313	830858.892	47.025
18314	830905 917	46.267
18315	830952.183	46.142
18316	830998.325	46 108
18317	831044.433	45.250
18318	831089 683	45.742
18319	831135.425	46.075
18320	831181.500	44.033
18321	831225.533	47.075
18322	831272 608	45.442
18323	831318.050	43.992
18324	831362.042	48 583
18325	831410.625	45.825
18326	831456 450	46.583
18327	831503.033	46.700
18328	831549.733	45.842

Weld	Distance (ft.)	Joint Length (ft.)
18329	831595.575	45.733
18330	831641.308	45.458
18331	831686.767	44 175
18332	831730.942	48.008
18333	831778 950	45.142
18334	831824.092	44.950
18335	831869.042	41.050
18336	831910.092	36.383
18337	831946.475	48.733
18338	831995.208	45.658
18339	832040.867	45.625
18340	832086.492	46.033
18341	832132.525	47.633
18342	832180.158	46.808
18343	832226.967	47.817
18344	832274.783	46.858
18345	832321.642	46.758
18346	832368.400	45.133
18347	832413.533	45.058
18348	832458.592	42.233
18349	832500.825	46 367
18350	832547.192	43.733
18351	832590 925	45.142
18352	832636.067	45.650
18353	832681.717	46 892
18354	832728.608	45 442
18355	832774.050	45 033
18356	832819.083	45.483
18357	832864.567	45.650
18358	832910.217	46 108
18359	832956.325	46.442
18360	833002 767	45.492
18361	833048.258	46.533
18362	833094.792	45 175
18363	833139.967	46.558
18364	833186 525	46.758
18365	833233 283	44.083
18366	833277.367	44.775
18367	833322.142	44.950
18368	833367.092	46 533
18369	833413 625	48.792
18370	833462.417	48.092
18371	833510.508	48 700
18372	833559.208	45.992
18373	833605.200	45.700
18374	833650.900	45.267
18375	833696.167	47.083
18376	833743 250	40.433
18377	833783.683	47.200
18378	833830.883	44 392
18379	833875.275	48.258
18380	833923.533	49.325
18381	833972.858	46.225
18382	834019.083	46 183
18383	834065.267	41.867
18384	834107.133	47.125
18385	834154.258	39.483
18386	834193.742	44 283

Weld	Distance (ft.)	Joint Length (ft.)
18387	834238.025	47.767
18388	834285.792	49.300
18389	834335.092	40.025
18390	834375.117	45.033
18391	834420.150	48.933
18392	834469 083	45.733
18393	834514.817	46.775
18394	834561.592	45.517
18395	834607.108	50.658
18396	834657.767	44.475
18397	834702.242	44.075
18398	834746.317	44.983
18399	834791.300	50.375
18400	834841.675	49.033
18401	834890.708	45.683
18402	834936.392	51.358
18403	834987.750	46.342
18404	835034.092	45.608
18405	835079.700	45 992
18406	835125.692	46 600
18407	835172.292	49.142
18408	835221.433	47.742
18409	835269.175	47.292
18410	835316.467	47 925
18411	835364.392	36.592
18412	835400.983	51.167
18413	835452.150	49.825
18414	835501 975	49.375
18415	835551.350	44 342
18416	835595.692	45.242
18417	835640.933	44.467
18418	835685.400	46 933
18419	835732.333	45.492
18420	835777.825	44.392
18421	835822.217	50.375
18422	835872.592	44.117
18423	835916.708	49 167
18424	835965.875	48.517
18425	836014.392	42.692
18426	836057.083	50.100
18427	836107.183	50 975
18428	836158.158	41 833
18429	836199.992	45.733
18430	836245.725	48.058
18431	836293.783	48.242
18432	836342.025	48.508
18433	836390.533	50.008
18434	836440.542	45.383
18435	836485 925	44.050
18436	836529.975	42.333
18437	836572.308	47.700
18438	836620.008	11.458
18439	836631 467	45.992
18440	836677.458	49.183
18441	836726.642	49.317
18442	836775.958	48.892
18443	836824 850	47.383
18444	836872.233	49.000

Weld	Distance (ft.)	Joint Length (ft.)
18445	836921.233	47.333
18446	836968 567	43 058
18447	837011.625	47.525
18448	837059.150	49.108
18449	837108.258	48 958
18450	837157.217	48.958
18451	837206.175	47.817
18452	837253.992	47.475
18453	837301.467	50.183
18454	837351.650	50.292
18455	837401.942	50.008
18456	837451.950	47.608
18457	837499 558	48.950
18458	837548 508	45.883
18459	837594.392	50 183
18460	837644.575	45.075
18461	837689.650	45.517
18462	837735.167	38.667
18463	837773.833	48.508
18464	837822.342	8.508
18465	837830.850	29.633
18466	837860.483	45.992
18467	837906.475	50 333
18468	837956.808	31.892
18469	837988.700	37.958
18470	838026.658	44.317
18471	838070.975	49.850
18472	838120.825	45.042
18473	838165.867	49 008
18474	838214.875	43.317
18475	838258.192	49.333
18476	838307.525	49.650
18477	838357.175	50.142
18478	838407 317	45.708
18479	838453.025	34 208
18480	838487.233	45 925
18481	838533.158	45.025
18482	838578.183	44.058
18483	838622.242	42.808
18484	838665 050	50.608
18485	838715 658	49.317
18486	838764.975	44.092
18487	838809.067	44.933
18488	838854.000	45.425
18489	838899.425	45.317
18490	838944.742	43.183
18491	838987 925	45.308
18492	839033.233	43 717
18493	839076.950	45.108
18494	839122.058	44.908
18495	839166.967	44.408
18496	839211.375	42.967
18497	839254.342	45 875
18498	839300.217	44.600
18499	839344.817	49.900
18500	839394.717	49.967
18501	839444 683	43.525
18502	839488.208	47 767

Weld	Distance (ft.)	Joint Length (ft.)
18503	839535 975	45.200
18504	839581.175	43.467
18505	839624.642	45.267
18506	839669.908	48.450
18507	839718.358	44.758
18508	839763.117	51.075
18509	839814.192	47.875
18510	839862.067	46.267
18511	839908.333	41.808
18512	839950.142	48.867
18513	839999.008	37.417
18514	840036.425	48.808
18515	840085.233	49.983
18516	840135.217	50.525
18517	840185.742	50.167
18518	840235.908	52.175
18519	840288.083	48.342
18520	840336.425	48.458
18521	840384.883	49.392
18522	840434.275	48.375
18523	840482.650	51.908
18524	840534.558	51.075
18525	840585.633	51.533
18526	840637.167	51.325
18527	840688.492	47.633
18528	840736.125	49.467
18529	840785.592	51.817
18530	840837.408	50.383
18531	840887.792	48.192
18532	840935.983	48.508
18533	840984.492	52.275
18534	841036.767	46.000
18535	841082 767	48.283
18536	841131.050	50.725
18537	841181.775	51.792
18538	841233.567	47.775
18539	841281.342	48.733
18540	841330.075	47.800
18541	841377.875	52.358
18542	841430.233	48.267
18543	841478.500	48.192
18544	841526.692	52.608
18545	841579.300	46.017
18546	841625.317	48.133
18547	841673.450	49.500
18548	841722.950	46.733
18549	841769.683	51.133
18550	841820.817	52.342
18551	841873.158	51.000
18552	841924.158	49 550
18553	841973.708	50.192
18554	842023.900	51.633
18555	842075.533	48.567
18556	842124.100	50.950
18557	842175.050	50 150
18558	842225 200	52.042
18559	842277.242	48.783
18560	842326.025	45.483

Weld	Distance (ft.)	Joint Length (ft.)
18561	842371.508	51.600
18562	842423.108	47 942
18563	842471.050	51.025
18564	842522.075	50.692
18565	842572.767	50.150
18566	842622.917	48.383
18567	842671.300	51.267
18568	842722.567	49.375
18569	842771.942	52.408
18570	842824.350	51.575
18571	842875 925	50.058
18572	842925.983	47 783
18573	842973.767	49.692
18574	843023.458	49.825
18575	843073.283	51.392
18576	843124.675	43.958
18577	843168.633	48.825
18578	843217.458	48.325
18579	843265.783	45.058
18580	843310.842	49.008
18581	843359.850	45.142
18582	843404.992	50.408
18583	843455.400	46.442
18584	843501.842	44.983
18585	843546.825	8.750
18586	843555.575	38.133
18587	843593.708	17 767
18588	843611.475	44.092
18589	843655.567	33.300
18590	843688.867	44.167
18591	843733.033	41.608
18592	843774.642	44.525
18593	843819.167	50 642
18594	843869 808	47.842
18595	843917.650	45.542
18596	843963.192	47.708
18597	844010.900	49.500
18598	844060.400	46.808
18599	844107.208	49.992
18600	844157.200	50 750
18601	844207.950	44.650
18602	844252.600	46.308
18603	844298.908	47.442
18604	844346.350	49.217
18605	844395.567	48 483
18606	844444.050	48.817
18607	844492.867	49.350
18608	844542.217	50.417
18609	844592.633	48.525
18610	844641.158	50.092
18611	844691.250	49 175
18612	844740.425	48.742
18613	844789.167	43.042
18614	844832.208	47.675
18615	844879.883	49.283
18616	844929.167	49.208
18617	844978.375	48.017
18618	845026.392	47.333

Weld	Distance (ft.)	Joint Length (ft.)
18619	845073.725	51.125
18620	845124.850	52.217
18621	845177.067	42.358
18622	845219.425	45.600
18623	845265.025	49.917
18624	845314 942	48.458
18625	845363.400	52 700
18626	845416.100	48.750
18627	845464.850	48.058
18628	845512.908	47.992
18629	845560.900	50.975
18630	845611 875	48 767
18631	845660.642	52.367
18632	845713.008	49.942
18633	845762.950	52.550
18634	845815 500	52.633
18635	845868.133	48.208
18636	845916.342	46.825
18637	845963.167	48.525
18638	846011 692	48.033
18639	846059.725	52.417
18640	846112.142	49.875
18641	846162.017	49.750
18642	846211.767	48.358
18643	846260.125	51.292
18644	846311.417	50 600
18645	846362.017	49.808
18646	846411 825	48.283
18647	846460 108	50 508
18648	846510.617	50.350
18649	846560.967	49.800
18650	846610.767	48.800
18651	846659.567	49 975
18652	846709.542	49.842
18653	846759 383	48.192
18654	846807 575	49 042
18655	846856.617	49.617
18656	846906.233	49.525
18657	846955 758	47.025
18658	847002.783	49 000
18659	847051.783	48.625
18660	847100.408	49.333
18661	847149.742	49.933
18662	847199.675	40.908
18663	847240.583	47.683
18664	847288 267	50.608
18665	847338.875	48.683
18666	847387 558	49.183
18667	847436.742	49.758
18668	847486.500	49.900
18669	847536.400	49.858
18670	847586.258	50.683
18671	847636.942	48.333
18672	847685.275	50.408
18673	847735.683	1.992
18674	847737.675	43.017
18675	847780.692	41.683
18676	847822.375	41.225

Weld	Distance (ft.)	Joint Length (ft.)
18677	847863.600	41.775
18678	847905.375	43.033
18679	847948.408	31 275
18680	847979.683	42.583
18681	848022.267	42.433
18682	848064.700	43.775
18683	848108.475	37.125
18684	848145.600	41.733
18685	848187.333	42.275
18686	848229.608	39.892
18687	848269.500	41.442
18688	848310.942	42.917
18689	848353.858	39.800
18690	848393 658	40.858
18691	848434.517	32.092
18692	848466.608	39 983
18693	848506.592	40.800
18694	848547 392	43.983
18695	848591 375	43.583
18696	848634.958	41.433
18697	848676.392	33.350
18698	848709 742	42.892
18699	848752.633	42.700
18700	848795.333	42 625
18701	848837.958	38.500
18702	848876.458	42.850
18703	848919.308	31.358
18704	848950.667	33.700
18705	848984.367	41.733
18706	849026.100	42.992
18707	849069 092	42.767
18708	849111.858	42 883
18709	849154.742	31.458
18710	849186.200	39.508
18711	849225.708	22.900
18712	849248.608	43.533
18713	849292.142	42.867
18714	849335.008	41.367
18715	849376.375	42 100
18716	849418.475	41.933
18717	849460.408	43.758
18718	849504 167	41.033
18719	849545.200	39 383
18720	849584.583	38.617
18721	849623.200	42.617
18722	849665 817	41.433
18723	849707.250	43 883
18724	849751.133	41.850
18725	849792 983	39.675
18726	849832.658	42.467
18727	849875.125	41 658
18728	849916.783	42.508
18729	849959 292	42.633
18730	850001 925	21.942
18731	850023.867	44.117
18732	850067.983	43.917
18733	850111.900	41 408
18734	850153.308	40.317

Weld	Distance (ft.)	Joint Length (ft.)
18735	850193.625	43 950
18736	850237.575	43.850
18737	850281 425	43.942
18738	850325.367	43.142
18739	850368.508	38.692
18740	850407.200	43.842
18741	850451.042	39.517
18742	850490.558	41.708
18743	850532.267	40.933
18744	850573.200	37.525
18745	850610 725	40.558
18746	850651.283	41 333
18747	850692.617	43.158
18748	850735.775	40.442
18749	850776.217	43.725
18750	850819.942	40.650
18751	850860.592	43.325
18752	850903.917	42.983
18753	850946.900	43.350
18754	850990.250	42.275
18755	851032.525	40.067
18756	851072.592	42.333
18757	851114.925	44.992
18758	851159.917	42.433
18759	851202.350	40.317
18760	851242.667	38.250
18761	851280.917	37 425
18762	851318.342	40.975
18763	851359 317	43.342
18764	851402.658	41 375
18765	851444.033	42.350
18766	851486.383	41.050
18767	851527.433	38.825
18768	851566.258	42.325
18769	851608.583	42.850
18770	851651.433	43.083
18771	851694.517	43.483
18772	851738.000	40.733
18773	851778.733	42.608
18774	851821 342	44.050
18775	851865 392	39.767
18776	851905.158	40 850
18777	851946.008	40.533
18778	851986.542	43.142
18779	852029.683	43.742
18780	852073.425	43.108
18781	852116.533	42.958
18782	852159.492	42.758
18783	852202.250	42 317
18784	852244.567	33.175
18785	852277.742	43.408
18786	852321.150	42.717
18787	852363.867	43 917
18788	852407.783	41.750
18789	852449.533	43.408
18790	852492.942	43.492
18791	852536.433	41.208
18792	852577.642	42.708

Weld	Distance (ft.)	Joint Length (ft.)
18793	852620.350	42.283
18794	852662.633	41.758
18795	852704.392	42.933
18796	852747.325	42.083
18797	852789.408	43.742
18798	852833 150	41.608
18799	852874 758	37.608
18800	852912 367	43.350
18801	852955.717	43.742
18802	852999.458	42 633
18803	853042.092	42 842
18804	853084.933	44.150
18805	853129.083	41.667
18806	853170.750	43.142
18807	853213.892	42.600
18808	853256 492	41.542
18809	853298 033	43.950
18810	853341 983	43.008
18811	853384.992	44 058
18812	853429.050	43 225
18813	853472.275	40.792
18814	853513.067	40.367
18815	853553.433	42.083
18816	853595.517	42.500
18817	853638.017	43.108
18818	853681.125	42.883
18819	853724.008	41 525
18820	853765.533	42 692
18821	853808.225	44.208
18822	853852.433	40.058
18823	853892.492	43.033
18824	853935.525	43.825
18825	853979 350	43.108
18826	854022.458	44.000
18827	854066.458	41.833
18828	854108.292	41 725
18829	854150.017	36.017
18830	854186.033	41.467
18831	854227.500	40.817
18832	854268.317	42.475
18833	854310.792	38.600
18834	854349.392	43.425
18835	854392.817	36.317
18836	854429.133	40.117
18837	854469.250	42.425
18838	854511.675	36.242
18839	854547 917	39.783
18840	854587.700	42.250
18841	854629.950	39.450
18842	854669.400	42.225
18843	854711.625	36.458
18844	854748.083	42.125
18845	854790.208	41.917
18846	854832.125	43.408
18847	854875.533	40.917
18848	854916.450	43.617
18849	854960.067	37.233
18850	854997.300	43.692

Weld	Distance (ft.)	Joint Length (ft.)
18851	855040.992	40.258
18852	855081.250	40 917
18853	855122.167	35.142
18854	855157.308	39.058
18855	855196.367	43.392
18856	855239.758	37.492
18857	855277.250	43.533
18858	855320.783	41.117
18859	855361.900	43.217
18860	855405.117	43.950
18861	855449.067	34.742
18862	855483.808	36.567
18863	855520.375	40.350
18864	855560.725	43.558
18865	855604 283	35.483
18866	855639.767	43.725
18867	855683.492	43.300
18868	855726.792	42.525
18869	855769.317	41.108
18870	855810.425	42.075
18871	855852.500	43.367
18872	855895.867	44.858
18873	855940.725	41.300
18874	855982.025	42.883
18875	856024.908	40.283
18876	856065.192	43.783
18877	856108.975	43.817
18878	856152.792	43.433
18879	856196.225	41.442
18880	856237.667	29.142
18881	856266.808	43.700
18882	856310.508	42 808
18883	856353.317	42.942
18884	856396.258	41.550
18885	856437.808	44.217
18886	856482.025	43.992
18887	856526.017	42.925
18888	856568 942	4.142
18889	856573.083	4.408
18890	856577.492	39.208
18891	856616.700	42.967
18892	856659.667	41.833
18893	856701.500	25.650
18894	856727 150	42.492
18895	856769.642	44.383
18896	856814.025	42.892
18897	856856.917	42.500
18898	856899.417	31.858
18899	856931.275	32.483
18900	856963.758	43.917
18901	857007.675	43.400
18902	857051.075	44.042
18903	857095.117	39.133
18904	857134.250	42.492
18905	857176.742	43 033
18906	857219.775	42.500
18907	857262.275	42.725
18908	857305.000	42.192

Weld	Distance (ft.)	Joint Length (ft.)
18909	857347 192	41.267
18910	857388.458	44.158
18911	857432.617	43.133
18912	857475.750	43.167
18913	857518 917	42.875
18914	857561.792	42.108
18915	857603.900	34.542
18916	857638.442	40.442
18917	857678.883	41.250
18918	857720.133	38.800
18919	857758.933	32.617
18920	857791.550	41.775
18921	857833.325	34.983
18922	857868.308	27.850
18923	857896.158	42.242
18924	857938 400	37.358
18925	857975.758	40.783
18926	858016.542	42.733
18927	858059.275	40.850
18928	858100.125	43.058
18929	858143.183	44 117
18930	858187.300	42.458
18931	858229.758	42.850
18932	858272.608	43.808
18933	858316.417	39.925
18934	858356.342	39.525
18935	858395.867	36.075
18936	858431.942	42.592
18937	858474.533	39.717
18938	858514.250	43.258
18939	858557.508	42.708
18940	858600.217	42.133
18941	858642.350	35.292
18942	858677.642	43.375
18943	858721.017	38 142
18944	858759.158	41.433
18945	858800.592	35.600
18946	858836.192	43.750
18947	858879.942	41.567
18948	858921.508	39.250
18949	858960.758	40.408
18950	859001.167	42 833
18951	859044.000	44.325
18952	859088.325	34.592
18953	859122.917	40.750
18954	859163.667	42.300
18955	859205.967	42.883
18956	859248.850	42 700
18957	859291.550	41.092
18958	859332.642	43.817
18959	859376.458	43.792
18960	859420.250	42.800
18961	859463.050	41.975
18962	859505.025	34.800
18963	859539.825	41.933
18964	859581.758	43.642
18965	859625.400	44.450
18966	859669.850	32.258

Weld	Distance (ft.)	Joint Length (ft.)
18967	859702.108	30.667
18968	859732.775	43.067
18969	859775.842	42.958
18970	859818 800	42.175
18971	859860.975	42.808
18972	859903.783	40.650
18973	859944.433	42.550
18974	859986.983	42.950
18975	860029.933	40.292
18976	860070.225	42.542
18977	860112.767	43.083
18978	860155.850	38.767
18979	860194.617	42.250
18980	860236.867	42.933
18981	860279.800	42.825
18982	860322.625	42.542
18983	860365.167	36.933
18984	860402.100	43.208
18985	860445.308	37.300
18986	860482.608	41.292
18987	860523.900	36.883
18988	860560.783	41.075
18989	860601.858	24 508
18990	860626.367	43.300
18991	860669.667	20.633
18992	860690.300	18.267
18993	860708.567	41.383
18994	860749.950	33.492
18995	860783.442	33.517
18996	860816.958	42.275
18997	860859.233	17.383
18998	860876.617	17.733
18999	860894.350	17.342
19000	860911.692	42.150
19001	860953.842	39.700
19002	860993.542	41.775
19003	861035.317	35.792
19004	861071.108	43.258
19005	861114.367	40.625
19006	861154 992	43 317
19007	861198.308	45.433
19008	861243.742	23.833
19009	861267.575	18.408
19010	861285.983	42 500
19011	861328.483	38.408
19012	861366.892	39.667
19013	861406 558	40.633
19014	861447.192	41 792
19015	861488.983	41.133
19016	861530.117	42.233
19017	861572 350	42 200
19018	861614.550	43.300
19019	861657.850	41.800
19020	861699.650	40.317
19021	861739 967	44.275
19022	861784.242	40.558
19023	861824.800	42.183
19024	861866 983	38.958

Weld	Distance (ft.)	Joint Length (ft.)
19025	861905.942	42 033
19026	861947.975	38.517
19027	861986.492	41.958
19028	862028 450	43.233
19029	862071.683	41 783
19030	862113.467	41.975
19031	862155.442	34.358
19032	862189.800	42.667
19033	862232.467	42.692
19034	862275.158	42.750
19035	862317.908	41.550
19036	862359 458	39.158
19037	862398 617	42.208
19038	862440.825	42 558
19039	862483.383	36.117
19040	862519.500	36.267
19041	862555.767	43.358
19042	862599 125	41.900
19043	862641.025	40.458
19044	862681.483	42.025
19045	862723.508	39.000
19046	862762 508	42.000
19047	862804.508	43 475
19048	862847.983	41.250
19049	862889.233	43.442
19050	862932.675	44.733
19051	862977.408	37.550
19052	863014.958	42 592
19053	863057.550	44 442
19054	863101.992	43.358
19055	863145 350	40.308
19056	863185.658	44.133
19057	863229.792	44.050
19058	863273.842	32.775
19059	863306.617	35.658
19060	863342 275	42.175
19061	863384.450	30 483
19062	863414.933	43.125
19063	863458.058	32.658
19064	863490 717	30.200
19065	863520.917	28 850
19066	863549.767	30.650
19067	863580.417	43.083
19068	863623 500	42.992
19069	863666.492	42.525
19070	863709.017	41 108
19071	863750.125	28.433
19072	863778.558	32.867
19073	863811.425	40.542
19074	863851.967	28.042
19075	863880 008	21.658
19076	863901.667	28.325
19077	863929.992	14 358
19078	863944.350	4.775
19079	863949.125	3.875
19080	863953.000	12.208
19081	863965.208	38.225
19082	864003.433	16.467

Weld	Distance (ft.)	Joint Length (ft.)
19083	864019.900	31.658
19084	864051.558	43.800
19085	864095.358	43.150
19086	864138.508	24.408
19087	864162.917	8.817
19088	864171.733	20 667
19089	864192.400	27 525
19090	864219.925	2.017
19091	864221.942	2.525
19092	864224.467	2.975
19093	864227.442	5.242
19094	864232.683	1.717
19095	864234.400	2.708
19096	864237 108	9 258
19097	864246.367	3.500
19098	864249.867	5.958
19099	864255.825	29.967
19100	864285.792	2.533
19101	864288.325	11.992
19102	864300.317	5.200
19103	864305.517	4.167
19104	864309.683	2.175
19105	864311.858	3.992
19106	864315.850	40.750
19107	864356.600	1.250
19108	864357.850	35.267
19109	864393.117	31.317
19110	864424.433	42.983
19111	864467 417	43 383
19112	864510.800	18.258
19113	864529.058	39.867
19114	864568.925	19.825
19115	864588 750	43.792
19116	864632.542	9.117
19117	864641.658	28.342
19118	864670.000	43.917
19119	864713.917	8.558
19120	864722.475	4.742
19121	864727.217	4.767
19122	864731.983	2.050
19123	864734.033	20.267
19124	864754 300	51.050
19125	864805.350	50.658
19126	864856.008	49.833
19127	864905.842	41.667
19128	864947.508	49 942
19129	864997.450	50.867
19130	865048.317	48.717
19131	865097.033	49.400
19132	865146.433	50.533
19133	865196.967	48.967
19134	865245.933	50.650
19135	865296.583	49.775
19136	865346 358	51.958
19137	865398.317	48.900
19138	865447.217	48.433
19139	865495.650	47.408
19140	865543.058	50.642

Weld	Distance (ft.)	Joint Length (ft.)
19141	865593.700	51.350
19142	865645.050	49.683
19143	865694.733	51.542
19144	865746 275	39.267
19145	865785 542	49.300
19146	865834.842	52.742
19147	865887.583	36 992
19148	865924.575	32.050
19149	865956.625	39.825
19150	865996.450	48.250
19151	866044.700	49.892
19152	866094.592	48.900
19153	866143 492	49.967
19154	866193.458	50.233
19155	866243.692	47.350
19156	866291 042	48.667
19157	866339 708	52.767
19158	866392.475	50.108
19159	866442.583	51.633
19160	866494.217	38.883
19161	866533.100	50.875
19162	866583.975	52.158
19163	866636.133	51.600
19164	866687.733	48.092
19165	866735.825	48.800
19166	866784 625	51.492
19167	866836 117	47.975
19168	866884.092	50 583
19169	866934.675	43 525
19170	866978.200	51.458
19171	867029.658	50.333
19172	867079.992	48.925
19173	867128.917	49.642
19174	867178 558	48.150
19175	867226.708	45 342
19176	867272.050	52 192
19177	867324.242	49.450
19178	867373.692	48.850
19179	867422.542	50.517
19180	867473 058	50.267
19181	867523.325	49.317
19182	867572.642	49 183
19183	867621.825	41.225
19184	867663.050	49.517
19185	867712.567	48.217
19186	867760 783	48.483
19187	867809.267	49.642
19188	867858.908	50.442
19189	867909.350	48 358
19190	867957.708	51.983
19191	868009.692	50.308
19192	868060.000	50.592
19193	868110.592	52.142
19194	868162.733	51.225
19195	868213.958	52.225
19196	868266.183	34.942
19197	868301.125	52.333
19198	868353.458	50.900

Weld	Distance (ft.)	Joint Length (ft.)
19199	868404.358	35.458
19200	868439.817	44.733
19201	868484.550	48.983
19202	868533.533	48.125
19203	868581.658	49.417
19204	868631.075	48.042
19205	868679.117	48.267
19206	868727.383	50.692
19207	868778.075	51.300
19208	868829.375	48.908
19209	868878.283	51.983
19210	868930.267	39.183
19211	868969.450	48.583
19212	869018.033	23.925
19213	869041.958	49.242
19214	869091.200	48.542
19215	869139.742	52.750
19216	869192.492	51.758
19217	869244.250	50.950
19218	869295.200	49 375
19219	869344.575	49.283
19220	869393.858	50.125
19221	869443.983	52.617
19222	869496.600	40.542
19223	869537.142	50.317
19224	869587.458	52.042
19225	869639.500	26.117
19226	869665.617	51.958
19227	869717.575	51.717
19228	869769.292	48.967
19229	869818.258	51.633
19230	869869.892	49.075
19231	869918.967	36.717
19232	869955.683	49.550
19233	870005.233	48.442
19234	870053.675	51 375
19235	870105.050	51 550
19236	870156.600	34.883
19237	870191.483	47.925
19238	870239.408	41.442
19239	870280.850	47.733
19240	870328.583	49.867
19241	870378 450	49.942
19242	870428.392	47 733
19243	870476.125	49.117
19244	870525.242	50.600
19245	870575.842	47.875
19246	870623.717	47.742
19247	870671 458	52.483
19248	870723.942	48.300
19249	870772.242	48.200
19250	870820.442	31.650
19251	870852.092	49.458
19252	870901.550	49.967
19253	870951.517	45.442
19254	870996.958	46.250
19255	871043.208	44.858
19256	871088.067	45.358

Weld	Distance (ft.)	Joint Length (ft.)
19257	871133 425	44.742
19258	871178.167	45.958
19259	871224.125	50.767
19260	871274.892	49.458
19261	871324.350	48.283
19262	871372.633	49.608
19263	871422.242	50.342
19264	871472.583	50.025
19265	871522.608	49.592
19266	871572.200	49.850
19267	871622.050	44.383
19268	871666.433	44.567
19269	871711.000	51.100
19270	871762.100	51 525
19271	871813.625	44.008
19272	871857.633	51.117
19273	871908.750	50.283
19274	871959.033	42.417
19275	872001.450	48.108
19276	872049.558	48.958
19277	872098.517	50.967
19278	872149.483	48.008
19279	872197.492	49.617
19280	872247.108	45.417
19281	872292.525	50.100
19282	872342.625	49.633
19283	872392.258	49.817
19284	872442.075	50.667
19285	872492.742	49.375
19286	872542.117	50.150
19287	872592 267	49.642
19288	872641.908	50.433
19289	872692.342	48.408
19290	872740.750	48 300
19291	872789.050	47.283
19292	872836.333	50.592
19293	872886.925	48.408
19294	872935.333	50.567
19295	872985 900	48.025
19296	873033.925	52.233
19297	873086.158	50.667
19298	873136.825	51.200
19299	873188.025	49.892
19300	873237.917	51.025
19301	873288.942	51.825
19302	873340.767	52.217
19303	873392.983	48.200
19304	873441.183	50.775
19305	873491.958	50.033
19306	873541.992	49.825
19307	873591.817	50.908
19308	873642.725	48.892
19309	873691.617	50.375
19310	873741.992	50.983
19311	873792.975	49.925
19312	873842.900	51.492
19313	873894.392	50.217
19314	873944.608	51.175

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Weld	Distance (ft.)	Joint Length (ft.)
19315	873995.783	51.008
19316	874046.792	49.283
19317	874096.075	49.825
19318	874145.900	50 033
19319	874195.933	50.508
19320	874246.442	50.875
19321	874297.317	47.125
19322	874344.442	51 308
19323	874395.750	50 383
19324	874446.133	50.725
19325	874496.858	49.808
19326	874546.667	49.933
19327	874596.600	44.100
19328	874640.700	48.467
19329	874689.167	51.167
19330	874740.333	48.375
19331	874788 708	46.808
19332	874835.517	47 908
19333	874883.425	49.083
19334	874932.508	50.375
19335	874982 883	47.367
19336	875030.250	49.292
19337	875079.542	12.542
19338	875092.083	50 792
19339	875142.875	36 425
19340	875179.300	50.500
19341	875229.800	48.542
19342	875278 342	49.125
19343	875327.467	49.708
19344	875377.175	53.150
19345	875430.325	48.967
19346	875479.292	50.208
19347	875529.500	50.767
19348	875580 267	43.183
19349	875623.450	49.467
19350	875672.917	50.525
19351	875723 442	52.208
19352	875775 650	49.508
19353	875825.158	50.167
19354	875875.325	49.475
19355	875924.800	50.150
19356	875974.950	46.825
19357	876021.775	39.933
19358	876061.708	50 717
19359	876112.425	51.142
19360	876163.567	49.267
19361	876212.833	46.367
19362	876259.200	47.567
19363	876306.767	50.008
19364	876356.775	49.058
19365	876405.833	47.375
19366	876453 208	50.050
19367	876503.258	48 100
19368	876551.358	49.492
19369	876600 850	39.308
19370	876640.158	50.158
19371	876690.317	50.450
19372	876740.767	47.183

Weld	Distance (ft.)	Joint Length (ft.)
19373	876787.950	47.992
19374	876835.942	49.300
19375	876885.242	45 283
19376	876930.525	49.117
19377	876979.642	47.858
19378	877027.500	47.883
19379	877075.383	49.042
19380	877124.425	49.242
19381	877173.667	50.017
19382	877223.683	51.958
19383	877275.642	50.142
19384	877325.783	51.125
19385	877376.908	48.225
19386	877425.133	50.325
19387	877475.458	50.033
19388	877525.492	50.175
19389	877575.667	42.817
19390	877618.483	7.758
19391	877626.242	49.983
19392	877676.225	51.483
19393	877727.708	49.917
19394	877777.625	49.150
19395	877826.775	51.058
19396	877877 833	46.242
19397	877924.075	50.108
19398	877974.183	48.108
19399	878022.292	45.117
19400	878067.408	51.008
19401	878118.417	51.642
19402	878170.058	49.092
19403	878219.150	47.767
19404	878266.917	49 533
19405	878316.450	50.600
19406	878367 050	50.092
19407	878417.142	50.133
19408	878467.275	49.550
19409	878516.825	48.758
19410	878565 583	48 533
19411	878614.117	48.658
19412	878662.775	41.483
19413	878704.258	48.950
19414	878753.208	44.458
19415	878797.667	47.842
19416	878845.508	45.183
19417	878890.692	46.642
19418	878937.333	43.600
19419	878980.933	49.900
19420	879030.833	45.850
19421	879076.683	48.742
19422	879125.425	49.725
19423	879175.150	45.767
19424	879220.917	49.467
19425	879270.383	45 625
19426	879316.008	46.475
19427	879362.483	47.500
19428	879409 983	45.300
19429	879455.283	48.675
19430	879503.958	45.933

Weld	Distance (ft.)	Joint Length (ft.)
19431	879549.892	45.725
19432	879595.617	49.317
19433	879644.933	49.267
19434	879694.200	46 917
19435	879741.117	45.658
19436	879786.775	44.625
19437	879831.400	48.842
19438	879880.242	49.033
19439	879929.275	47.275
19440	879976 550	40.375
19441	880016 925	45 092
19442	880062.017	45.175
19443	880107.192	48.517
19444	880155.708	44.892
19445	880200 600	46 125
19446	880246.725	47.433
19447	880294.158	47.425
19448	880341.583	47.742
19449	880389.325	48.708
19450	880438.033	50.033
19451	880488.067	46.067
19452	880534.133	42.733
19453	880576.867	47.108
19454	880623.975	48.725
19455	880672.700	44.417
19456	880717 117	48.742
19457	880765.858	49 300
19458	880815.158	49.550
19459	880864.708	45.708
19460	880910.417	47.967
19461	880958.383	50.183
19462	881008.567	49.250
19463	881057 817	5.500
19464	881063.317	4.033
19465	881067.350	38.500
19466	881105.850	50.325
19467	881156.175	51.158
19468	881207.333	50.483
19469	881257.817	48.833
19470	881306.650	49.333
19471	881355.983	46.275
19472	881402.258	48.258
19473	881450.517	48.300
19474	881498.817	45.442
19475	881544.258	46.458
19476	881590.717	46.283
19477	881637.000	46.475
19478	881683.475	48.900
19479	881732.375	47.625
19480	881780 000	48 058
19481	881828.058	45.408
19482	881873.467	45.675
19483	881919 142	41.608
19484	881960.750	46.983
19485	882007.733	47.542
19486	882055.275	52.758
19487	882108 033	47.300
19488	882155.333	51.883

Weld	Distance (ft.)	Joint Length (ft.)
19489	882207.217	48 167
19490	882255 383	48 008
19491	882303.392	49.975
19492	882353 367	47.600
19493	882400.967	47.242
19494	882448.208	49.117
19495	882497.325	48.300
19496	882545.625	47.950
19497	882593.575	47.850
19498	882641.425	48.983
19499	882690.408	47.675
19500	882738.083	47.392
19501	882785.475	47.300
19502	882832 775	44 983
19503	882877.758	49.758
19504	882927.517	45 717
19505	882973.233	48.225
19506	883021 458	25 842
19507	883047 300	46.250
19508	883093 550	47.500
19509	883141.050	46.383
19510	883187.433	50.108
19511	883237.542	42.858
19512	883280.400	46.925
19513	883327.325	47.267
19514	883374.592	51.442
19515	883426.033	46.725
19516	883472.758	46.950
19517	883519.708	49.883
19518	883569.592	46.142
19519	883615.733	50.717
19520	883666.450	48.333
19521	883714.783	50.650
19522	883765.433	43.642
19523	883809.075	51.333
19524	883860.408	49.158
19525	883909 567	50.158
19526	883959 725	50.067
19527	884009.792	50.792
19528	884060.583	52.075
19529	884112.658	49.892
19530	884162.550	48.467
19531	884211 017	51.450
19532	884262.467	51.150
19533	884313.617	52.175
19534	884365.792	49.283
19535	884415.075	47.550
19536	884462.625	51.575
19537	884514.200	51.708
19538	884565.908	51.417
19539	884617 325	9 533
19540	884626 858	48.775
19541	884675.633	41.325
19542	884716.958	52.700
19543	884769.658	49.942
19544	884819 600	49 750
19545	884869.350	48.367
19546	884917.717	48.717

Weld	Distance (ft.)	Joint Length (ft.)
19547	884966.433	48.133
19548	885014.567	51.758
19549	885066.325	47.717
19550	885114.042	50.017
19551	885164.058	49.408
19552	885213.467	50.233
19553	885263.700	49.358
19554	885313.058	49.575
19555	885362.633	50.642
19556	885413.275	52.833
19557	885466.108	48.783
19558	885514.892	48.633
19559	885563.525	52.117
19560	885615.642	49.608
19561	885665.250	52 508
19562	885717.758	49.342
19563	885767.100	48 083
19564	885815.183	51.267
19565	885866.450	47.683
19566	885914.133	52.667
19567	885966.800	51.583
19568	886018.383	50.592
19569	886068.975	43.158
19570	886112.133	48.367
19571	886160.500	51 767
19572	886212.267	48.875
19573	886261.142	50.600
19574	886311.742	50.983
19575	886362.725	52.267
19576	886414.992	51.883
19577	886466.875	- 52.625
19578	886519.500	49.133
19579	886568.633	49.208
19580	886617.842	50.858
19581	886668.700	50 567
19582	886719.267	52.550
19583	886771.817	50.992
19584	886822.808	51.917
19585	886874.725	48.517
19586	886923.242	50.708
19587	886973.950	49.275
19588	887023.225	50 217
19589	887073.442	34.017
19590	887107.458	51.967
19591	887159.425	48.883
19592	887208.308	48.642
19593	887256 950	48.067
19594	887305.017	51.908
19595	887356.925	50.117
19596	887407.042	50.950
19597	887457.992	50.383
19598	887508.375	35.683
19599	887544.058	50.117
19600	887594.175	48.442
19601	887642.617	52.883
19602	887695.500	48.758
19603	887744.258	51.058
19604	887795.317	50.650

Weld	Distance (ft.)	Joint Length (ft.)
19605	887845.967	50.917
19606	887896.883	46.250
19607	887943.133	47.150
19608	887990.283	47.567
19609	888037.850	48.492
19610	888086.342	49.033
19611	888135.375	42.333
19612	888177.708	49.917
19613	888227.625	49.133
19614	888276.758	50.692
19615	888327.450	46.800
19616	888374.250	52.033
19617	888426.283	48.325
19618	888474.608	52.542
19619	888527.150	52 017
19620	888579.167	52.750
19621	888631.917	37.883
19622	888669.800	53.392
19623	888723.192	43.733
19624	888766.925	51.533
19625	888818.458	52.150
19626	888870.608	52.408
19627	888923.017	51.358
19628	888974.375	50.367
19629	889024.742	50.692
19630	889075 433	52.250
19631	889127.683	52.317
19632	889180.000	50.692
19633	889230.692	47.975
19634	889278.667	51.892
19635	889330.558	47.267
19636	889377.825	51.875
19637	889429.700	50.608
19638	889480.308	44.567
19639	889524.875	51.858
19640	889576 733	51.542
19641	889628.275	50 225
19642	889678.500	49.017
19643	889727.517	50.200
19644	889777.717	50.950
19645	889828.667	50.267
19646	889878.933	38.833
19647	889917.767	50.558
19648	889968.325	48.133
19649	890016.458	49.517
19650	890065.975	49.275
19651	890115.250	51.067
19652	890166.317	51.758
19653	890218.075	51.958
19654	890270.033	49.508
19655	890319 542	50.175
19656	890369.717	49.000
19657	890418.717	48.450
19658	890467.167	51.950
19659	890519.117	51.225
19660	890570.342	47.358
19661	890617.700	50 975
19662	890668.675	50.008

Weld	Distance (ft.)	Joint Length (ft.)
19663	890718.683	52.092
19664	890770.775	47.675
19665	890818.450	48.525
19666	890866.975	48.825
19667	890915.800	49.383
19668	890965.183	49.542
19669	891014.725	46 700
19670	891061.425	48 917
19671	891110.342	49.275
19672	891159.617	50.308
19673	891209.925	50.442
19674	891260.367	48.308
19675	891308 675	50.475
19676	891359.150	48.700
19677	891407.850	47.917
19678	891455.767	49.208
19679	891504.975	46 467
19680	891551.442	51 383
19681	891602.825	49.658
19682	891652.483	52.575
19683	891705.058	49.542
19684	891754.600	48 175
19685	891802.775	49.883
19686	891852.658	47.367
19687	891900.025	46.467
19688	891946.492	45.283
19689	891991.775	48.908
19690	892040.683	48.567
19691	892089.250	50.642
19692	892139.892	44.825
19693	892184 717	50.758
19694	892235.475	48.733
19695	892284.208	49.908
19696	892334.117	47.500
19697	892381.617	47.917
19698	892429.533	48.683
19699	892478.217	47.950
19700	892526.167	49 783
19701	892575.950	50.142
19702	892626.092	49.008
19703	892675.100	50.808
19704	892725.908	48.817
19705	892774.725	50.042
19706	892824.767	50.750
19707	892875.517	48.875
19708	892924.392	47.342
19709	892971.733	50.217
19710	893021 950	49.308
19711	893071.258	48.625
19712	893119.883	51 250
19713	893171.133	51 317
19714	893222.450	47.683
19715	893270.133	45.833
19716	893315.967	50.242
19717	893366.208	46 367
19718	893412 575	50.575
19719	893463.150	48.175
19720	893511.325	48.517

Weld	Distance (ft.)	Joint Length (ft.)
19721	893559.842	51.467
19722	893611 308	48.708
19723	893660.017	46 883
19724	893706.900	48.133
19725	893755 033	42.425
19726	893797.458	48.217
19727	893845.675	51.242
19728	893896.917	50.133
19729	893947.050	51.158
19730	893998.208	47.683
19731	894045.892	49.125
19732	894095 017	42.500
19733	894137.517	50.758
19734	894188.275	51.125
19735	894239.400	50.917
19736	894290.317	52.683
19737	894343.000	51.450
19738	894394.450	49.542
19739	894443 992	49.650
19740	894493 642	50.100
19741	894543.742	50.850
19742	894594.592	47.533
19743	894642.125	50.225
19744	894692.350	50.333
19745	894742.683	50.592
19746	894793.275	52.758
19747	894846.033	30.925
19748	894876.958	51.092
19749	894928.050	47.767
19750	894975.817	52 808
19751	895028 625	49.708
19752	895078 333	49.808
19753	895128.142	52.992
19754	895181.133	51.492
19755	895232.625	51 883
19756	895284.508	46.042
19757	895330.550	49.933
19758	895380.483	49.858
19759	895430.342	51.908
19760	895482 250	49.400
19761	895531.650	49.808
19762	895581.458	51.483
19763	895632.942	52.650
19764	895685.592	52.650
19765	895738 242	46.900
19766	895785 142	17.900
19767	895803.042	37.058
19768	895840.100	52 333
19769	895892.433	50.517
19770	895942.950	7.833
19771	895950.783	11.967
19772	895962.750	28.258
19773	895991.008	36 158
19774	896027.167	46.800
19775	896073.967	8.100
19776	896082.067	4.367
19777	896086.433	4.750
19778	896091.183	3.858

Weld	Distance (ft.)	Joint Length (ft.)
19779	896095.042	9.275
19780	896104.317	2.433
19781	896106.750	12.233
19782	896118.983	50.800
19783	896169.783	48.417
19784	896218.200	15.633
19785	896233.833	50 808
19786	896284.642	50 858
19787	896335.500	50.017
19788	896385.517	46.242
19789	896431.758	41.183
19790	896472.942	49.183
19791	896522.125	49.500
19792	896571 625	47.983
19793	896619.608	48.683
19794	896668.292	49 633
19795	896717.925	49.633
19796	896767.558	52.092
19797	896819.650	44.583
19798	896864.233	4.808
19799	896869.042	49.008
19800	896918.050	52 033
19801	896970.083	1.400
19802	896971.483	10.642
19803	896982.125	31.525
19804	897013 650	41.258
19805	897054.908	36.150
19806	897091.058	43.017
19807	897134.075	41.683
19808	897175.758	42.708
19809	897218.467	41.858
19810	897260.325	41.025
19811	897301.350	41.017
19812	897342.367	36.708
19813	897379.075	42.567
19814	897421 642	36.383
19815	897458.025	39.242
19816	897497.267	44.733
19817	897542.000	42.892
19818	897584.892	42.233
19819	897627.125	43.267
19820	897670.392	43.258
19821	897713.650	42.875
19822	897756.525	43.700
19823	897800.225	40.825
19824	897841.050	44.192
19825	897885.242	42 667
19826	897927.908	41.308
19827	897969.217	44.208
19828	898013.425	42.275
19829	898055.700	36 225
19830	898091.925	37.550
19831	898129.475	44.200
19832	898173.675	43.092
19833	898216.767	23.592
19834	898240.358	20.050
19835	898260.408	37.175
19836	898297 583	40.658

Weld	Distance (ft.)	Joint Length (ft.)
19837	898338.242	38.517
19838	898376.758	43.650
19839	898420.408	42.183
19840	898462.592	43.450
19841	898506.042	42.583
19842	898548.625	35.867
19843	898584 492	41.192
19844	898625 683	39.417
19845	898665 100	43.800
19846	898708.900	34.700
19847	898743.600	42.350
19848	898785.950	40.992
19849	898826.942	42.000
19850	898868.942	43.392
19851	898912.333	43.367
19852	898955 700	40.592
19853	898996.292	39 558
19854	899035 850	43.117
19855	899078.967	38 717
19856	899117.683	38.125
19857	899155.808	31.158
19858	899186.967	42.758
19859	899229.725	37.008
19860	899266.733	43.058
19861	899309 792	43.017
19862	899352 808	42.942
19863	899395.750	39.433
19864	899435.183	40.208
19865	899475.392	42.350
19866	899517.742	43.200
19867	899560 942	42.017
19868	899602.958	43.033
19869	899645 992	38.483
19870	899684.475	42.725
19871	899727.200	27.267
19872	899754.467	24.808
19873	899779.275	43.133
19874	899822.408	22 292
19875	899844.700	41.025
19876	899885.725	43.608
19877	899929.333	43.375
19878	899972.708	34.533
19879	900007.242	40 767
19880	900048.008	41.700
19881	900089.708	41.883
19882	900131.592	29.367
19883	900160.958	43.392
19884	900204.350	36.425
19885	900240 775	43.242
19886	900284 017	40.775
19887	900324.792	43.442
19888	900368.233	40.900
19889	900409.133	42.667
19890	900451.800	42.208
19891	900494.008	41 400
19892	900535.408	39.400
19893	900574.808	40.775
19894	900615 583	39.300

Weld	Distance (ft.)	Joint Length (ft.)
19895	900654.883	41.350
19896	900696.233	41.092
19897	900737.325	41.592
19898	900778.917	30 958
19899	900809.875	43.183
19900	900853.058	39.892
19901	900892.950	43 092
19902	900936.042	44.275
19903	900980.317	42.400
19904	901022.717	34.967
19905	901057.683	41.208
19906	901098.892	43.300
19907	901142.192	43 392
19908	901185.583	40.342
19909	901225.925	42.975
19910	901268.900	43.150
19911	901312.050	42.408
19912	901354.458	42.667
19913	901397.125	43.000
19914	901440.125	37.783
19915	901477.908	40.075
19916	901517.983	41.525
19917	901559.508	39.808
19918	901599.317	42.833
19919	901642.150	38.975
19920	901681.125	40.150
19921	901721.275	34.125
19922	901755.400	40.942
19923	901796.342	42.025
19924	901838.367	20.425
19925	901858 792	41.000
19926	901899.792	39.183
19927	901938.975	44.350
19928	901983.325	43.300
19929	902026.625	39 167
19930	902065.792	42.458
19931	902108.250	41.075
19932	902149.325	39.783
19933	902189.108	42.942
19934	902232.050	41.633
19935	902273.683	40.108
19936	902313 792	39.950
19937	902353.742	29.617
19938	902383 358	42.208
19939	902425.567	41.458
19940	902467.025	44.283
19941	902511.308	43.550
19942	902554.858	42.775
19943	902597.633	43.542
19944	902641.175	44.000
19945	902685.175	42.092
19946	902727.267	43 067
19947	902770.333	42.817
19948	902813 150	42.567
19949	902855.717	42.075
19950	902897.792	42.608
19951	902940.400	44.525
19952	902984.925	43.325

Weld	Distance (ft.)	Joint Length (ft.)
19953	903028.250	43.250
19954	903071.500	36.350
19955	903107 850	44.325
19956	903152.175	4.658
19957	903156.833	1.967
19958	903158.800	2.558
19959	903161.358	3.658
19960	903165.017	2.575
19961	903167.592	42.367
19962	903209.958	48 617
19963	903258.575	12.733
19964	903271 308	50.817
19965	903322.125	49.233
19966	903371.358	11.150
19967	903382.508	48.492
19968	903431.000	51.292
19969	903482.292	25.775
19970	903508.067	52 767
19971	903560.833	50.467
19972	903611.300	23.758
19973	903635.058	49.625
19974	903684.683	48.958
19975	903733.642	48.083
19976	903781.725	48 783
19977	903830.508	49.708
19978	903880.217	51.175
19979	903931.392	50.058
19980	903981.450	49.775
19981	904031.225	48.108
19982	904079.333	50.333
19983	904129.667	48 500
19984	904178.167	46.417
19985	904224.583	50.917
19986	904275.500	50.525
19987	904326.025	36.000
19988	904362.025	16.783
19989	904378.808	18.542
19990	904397.350	14 792
19991	904412 142	51.125
19992	904463 267	49.500
19993	904512.767	49.183
19994	904561.950	50.742
19995	904612.692	46 642
19996	904659.333	47.342
19997	904706.675	50.800
19998	904757 475	49.783
19999	904807.258	51.225
20000	904858.483	51.258
20001	904909.742	36.717
20002	904946.458	48.117
20003	904994.575	49.967
20004	905044.542	50.675
20005	905095.217	50.550
20006	905145.767	48.600
20007	905194.367	47.650
20008	905242.017	50.283
20009	905292.300	49.358
20010	905341.658	47.617

Weld	Distance (ft.)	Joint Length (ft.)
20011	905389.275	50.617
20012	905439.892	49.142
20013	905489.033	46.800
20014	905535.833	49.892
20015	905585.725	48.542
20016	905634.267	49 192
20017	905683.458	47.108
20018	905730.567	48.975
20019	905779.542	49.067
20020	905828.608	50.283
20021	905878 892	48.858
20022	905927.750	48.133
20023	905975.883	46 742
20024	906022.625	45.225
20025	906067.850	50.642
20026	906118.492	45.500
20027	906163 992	52.033
20028	906216.025	51.108
20029	906267.133	45.567
20030	906312.700	49 100
20031	906361.800	49.167
20032	906410.967	46.908
20033	906457.875	48.642
20034	906506.517	50.400
20035	906556.917	50.492
20036	906607.408	19 967
20037	906627.375	51.050
20038	906678.425	45.717
20039	906724.142	50.575
20040	906774.717	30 742
20041	906805.458	50.700
20042	906856 158	48.100
20043	906904.258	43.892
20044	906948.150	48.808
20045	906996.958	47.358
20046	907044.317	47.225
20047	907091 542	48.683
20048	907140.225	48 775
20049	907189.000	49 408
20050	907238.408	50.825
20051	907289 233	45.133
20052	907334.367	48.992
20053	907383.358	50.775
20054	907434.133	50 642
20055	907484.775	49.200
20056	907533.975	14.675
20057	907548.650	50.383
20058	907599.033	47.908
20059	907646.942	48.100
20060	907695.042	35.550
20061	907730.592	48 308
20062	907778 900	47 150
20063	907826 050	48.175
20064	907874.225	48.133
20065	907922.358	50.583
20066	907972.942	50.942
20067	908023.883	48 725
20068	908072 608	44.583

Weld	Distance (ft.)	Joint Length (ft.)
20069	908117.192	49.300
20070	908166.492	46.075
20071	908212.567	33.733
20072	908246.300	37.758
20073	908284.058	50.833
20074	908334 892	12.342
20075	908347.233	44.142
20076	908391.375	51.392
20077	908442.767	46.300
20078	908489.067	46.733
20079	908535 800	45.025
20080	908580.825	46.133
20081	908626.958	42.792
20082	908669 750	46.750
20083	908716.500	42.633
20084	908759.133	49 550
20085	908808.683	47.483
20086	908856.167	45.708
20087	908901.875	46.450
20088	908948.325	44.967
20089	908993.292	46.725
20090	909040.017	37.933
20091	909077.950	43.258
20092	909121.208	45.142
20093	909166.350	46 683
20094	909213.033	46.542
20095	909259.575	44.025
20096	909303.600	46.583
20097	909350.183	41.233
20098	909391.417	45 050
20099	909436.467	45.600
20100	909482.067	42.508
20101	909524.575	40.125
20102	909564.700	45.458
20103	909610.158	43.950
20104	909654.108	44.083
20105	909698.192	46.017
20106	909744.208	48.625
20107	909792.833	46.842
20108	909839.675	50 892
20109	909890.567	49.583
20110	909940.150	46.233
20111	909986 383	46.333
20112	910032.717	42.700
20113	910075.417	46.967
20114	910122.383	46.283
20115	910168.667	46.850
20116	910215.517	51 025
20117	910266.542	45.183
20118	910311.725	49.300
20119	910361 025	45.475
20120	910406.500	44.383
20121	910450.883	45.733
20122	910496.617	46.817
20123	910543.433	42.508
20124	910585 942	45.750
20125	910631.692	41.950
20126	910673.642	46 517

Weld	Distance (ft.)	Joint Length (ft.)
20127	910720 158	49.033
20128	910769.192	42.608
20129	910811.800	45.942
20130	910857.742	44.567
20131	910902.308	43.792
20132	910946.100	46.108
20133	910992.208	47.258
20134	911039 467	47.017
20135	911086.483	46.125
20136	911132.608	45.775
20137	911178.383	41.875
20138	911220.258	46.325
20139	911266.583	45.775
20140	911312.358	49.367
20141	911361.725	44.567
20142	911406.292	46.342
20143	911452.633	50.908
20144	911503.542	35.717
20145	911539.258	43.083
20146	911582.342	46.117
20147	911628.458	45.692
20148	911674 150	43.833
20149	911717.983	44.992
20150	911762.975	44.592
20151	911807.567	46.017
20152	911853.583	45.600
20153	911899.183	47.367
20154	911946.550	46.542
20155	911993 092	40.083
20156	912033.175	43.708
20157	912076.883	47.392
20158	912124.275	45.200
20159	912169 475	45.367
20160	912214.842	47.025
20161	912261.867	44.808
20162	912306.675	46.250
20163	912352.925	47.167
20164	912400.092	44.208
20165	912444.300	43.425
20166	912487.725	50.208
20167	912537.933	48.658
20168	912586.592	50.192
20169	912636 783	49 400
20170	912686.183	45.025
20171	912731.208	42.342
20172	912773.550	50.425
20173	912823.975	50.125
20174	912874.100	49 800
20175	912923.900	9.400
20176	912933.300	51.058
20177	912984 358	39 700
20178	913024.058	38 633
20179	913062.692	47.633
20180	913110.325	49.283
20181	913159 608	49.725
20182	913209 333	42.900
20183	913252.233	49.725
20184	913301.958	49.208

Weld	Distance (ft.)	Joint Length (ft.)
20185	913351.167	44.383
20186	913395.550	46.383
20187	913441.933	45.558
20188	913487.492	44.842
20189	913532.333	42.150
20190	913574 483	45.467
20191	913619 950	51.008
20192	913670.958	49 975
20193	913720.933	48 767
20194	913769.700	49 442
20195	913819.142	40.000
20196	913859.142	48.975
20197	913908.117	49.533
20198	913957.650	13.575
20199	913971.225	49.725
20200	914020.950	36.758
20201	914057 708	49.592
20202	914107.300	25.825
20203	914133 125	50.683
20204	914183.808	32 600
20205	914216.408	15.808
20206	914232.217	49.183
20207	914281.400	22.608
20208	914304.008	49.775
20209	914353 783	48.225
20210	914402 008	47.700
20211	914449.708	47.267
20212	914496.975	42 683
20213	914539.658	45.567
20214	914585.225	46.875
20215	914632.100	45.650
20216	914677.750	46.825
20217	914724.575	45.517
20218	914770.092	43 550
20219	914813.642	45 600
20220	914859.242	45.883
20221	914905.125	44.675
20222	914949.800	45.317
20223	914995.117	48.050
20224	915043 167	44.117
20225	915087.283	44.867
20226	915132.150	50.408
20227	915182.558	44.833
20228	915227.392	49.725
20229	915277.117	45.042
20230	915322.158	45.342
20231	915367.500	45.167
20232	915412.667	45 617
20233	915458.283	45.458
20234	915503.742	49.408
20235	915553.150	42.000
20236	915595.150	46.450
20237	915641.600	46 742
20238	915688.342	44.642
20239	915732.983	46.433
20240	915779.417	40.217
20241	915819.633	28.575
20242	915848.208	45.067

Weld	Distance (ft.)	Joint Length (ft.)
20243	915893.275	45.783
20244	915939.058	45.450
20245	915984.508	45 167
20246	916029.675	34.008
20247	916063.683	34.383
20248	916098.067	46 058
20249	916144.125	43.875
20250	916188.000	47.008
20251	916235.008	47.300
20252	916282.308	49.858
20253	916332.167	45.750
20254	916377.917	45.717
20255	916423.633	47.367
20256	916471.000	45.975
20257	916516.975	45 250
20258	916562.225	46.442
20259	916608.667	43 258
20260	916651.925	46.467
20261	916698.392	43.775
20262	916742.167	35.900
20263	916778.067	44.667
20264	916822.733	45.733
20265	916868.467	46.750
20266	916915.217	45.600
20267	916960.817	49.283
20268	917010.100	45.833
20269	917055.933	45.050
20270	917100.983	45.117
20271	917146.100	46.658
20272	917192.758	43.367
20273	917236.125	46.258
20274	917282.383	43.492
20275	917325.875	46.367
20276	917372.242	44.792
20277	917417.033	46.458
20278	917463.492	35.617
20279	917499.108	46.717
20280	917545.825	45.600
20281	917591.425	46 733
20282	917638.158	47.108
20283	917685.267	45.442
20284	917730.708	44.333
20285	917775.042	46.475
20286	917821.517	46 908
20287	917868.425	47.733
20288	917916.158	44.667
20289	917960.825	48.742
20290	918009.567	46.317
20291	918055.883	46.175
20292	918102.058	46.225
20293	918148.283	44.667
20294	918192.950	46.042
20295	918238 992	45.242
20296	918284.233	46.517
20297	918330.750	43 400
20298	918374.150	45.842
20299	918419 992	46.750
20300	918466 742	45.692

Weld	Distance (ft.)	Joint Length (ft.)
20301	918512.433	47.325
20302	918559.758	46.758
20303	918606.517	46.758
20304	918653.275	49.792
20305	918703.067	45.708
20306	918748.775	49.000
20307	918797.775	47.883
20308	918845.658	46.483
20309	918892.142	49.575
20310	918941.717	46.133
20311	918987.850	46.033
20312	919033.883	46.958
20313	919080.842	46.025
20314	919126.867	45.733
20315	919172.600	45.783
20316	919218.383	48.133
20317	919266.517	46.658
20318	919313.175	40.858
20319	919354.033	45.408
20320	919399.442	37.092
20321	919436.533	39.925
20322	919476.458	47.417
20323	919523.875	44 183
20324	919568 058	45.608
20325	919613.667	39.567
20326	919653.233	46.233
20327	919699.467	45.717
20328	919745.183	43.908
20329	919789.092	35.908
20330	919825.000	47.700
20331	919872 700	47.733
20332	919920.433	45.950
20333	919966.383	49.833
20334	920016.217	37.475
20335	920053.692	46.033
20336	920099.725	44.592
20337	920144.317	49 583
20338	920193.900	47.642
20339	920241.542	43.775
20340	920285.317	45.175
20341	920330.492	43.883
20342	920374.375	47.625
20343	920422.000	47.517
20344	920469 517	46.442
20345	920515.958	42.583
20346	920558.542	44.100
20347	920602.642	42.933
20348	920645.575	45.267
20349	920690.842	45 650
20350	920736.492	46.625
20351	920783.117	45.208
20352	920828.325	44.367
20353	920872.692	46.175
20354	920918.867	45 992
20355	920964.858	48.908
20356	921013.767	47.025
20357	921060.792	46.908
20358	921107.700	46.667

Weld	Distance (ft.)	Joint Length (ft.)
20359	921154.367	45.358
20360	921199 725	45.958
20361	921245.683	45.700
20362	921291.383	43.233
20363	921334.617	44.708
20364	921379.325	45.892
20365	921425.217	45.842
20366	921471.058	47.317
20367	921518.375	50 658
20368	921569.033	45 675
20369	921614.708	50 358
20370	921665.067	42.133
20371	921707.200	50.500
20372	921757.700	45.192
20373	921802.892	47.667
20374	921850.558	45.292
20375	921895.850	46 167
20376	921942.017	46.125
20377	921988.142	49.117
20378	922037.258	46.042
20379	922083.300	47.908
20380	922131.208	44.633
20381	922175.842	46 817
20382	922222.658	50.308
20383	922272.967	47.175
20384	922320.142	45.342
20385	922365.483	47.017
20386	922412.500	43.283
20387	922455 783	29 958
20388	922485.742	47.183
20389	922532.925	47.183
20390	922580.108	46.000
20391	922626.108	46.075
20392	922672.183	48 617
20393	922720 800	47.975
20394	922768.775	47.133
20395	922815.908	44.450
20396	922860.358	46.225
20397	922906.583	45.983
20398	922952 567	49.700
20399	923002.267	48.783
20400	923051.050	44.750
20401	923095.800	45.350
20402	923141 150	47 542
20403	923188.692	50.633
20404	923239.325	49.892
20405	923289.217	50.508
20406	923339.725	47.483
20407	923387 208	48 558
20408	923435.767	43.658
20409	923479.425	44.733
20410	923524.158	46.917
20411	923571.075	49.983
20412	923621.058	47 525
20413	923668.583	49.500
20414	923718.083	49.583
20415	923767 667	50.342
20416	923818.008	46.683

Weld	Distance (ft.)	Joint Length (ft.)
20417	923864.692	48.392
20418	923913.083	47.975
20419	923961.058	46 017
20420	924007.075	49.525
20421	924056.600	33.667
20422	924090.267	46.008
20423	924136.275	49.850
20424	924186.125	50.283
20425	924236.408	46.325
20426	924282.733	46.600
20427	924329.333	45 733
20428	924375.067	45 367
20429	924420.433	45.658
20430	924466.092	49.325
20431	924515.417	48.925
20432	924564 342	45.367
20433	924609.708	46.525
20434	924656.233	46 467
20435	924702.700	50 125
20436	924752.825	50 883
20437	924803.708	46.117
20438	924849.825	46.033
20439	924895 858	45.842
20440	924941.700	38.475
20441	924980.175	44.300
20442	925024.475	50.642
20443	925075.117	50.117
20444	925125.233	46.258
20445	925171.492	44.775
20446	925216 267	48 300
20447	925264.567	46.808
20448	925311.375	43.442
20449	925354.817	48.492
20450	925403.308	46.092
20451	925449.400	49.742
20452	925499.142	50.158
20453	925549.300	45.067
20454	925594 367	46.458
20455	925640.825	47.067
20456	925687.892	45.850
20457	925733.742	46 300
20458	925780.042	46.375
20459	925826 417	50.867
20460	925877 283	47.833
20461	925925.117	51.375
20462	925976.492	51.142
20463	926027 633	45.933
20464	926073 567	47.025
20465	926120.592	44 908
20466	926165.500	49.675
20467	926215.175	46.133
20468	926261.308	49.550
20469	926310.858	46.333
20470	926357.192	50 308
20471	926407.500	49.517
20472	926457.017	45.600
20473	926502.617	43.550
20474	926546.167	50.200

Weld	Distance (ft.)	Joint Length (ft.)
20475	926596.367	49.050
20476	926645.417	48 408
20477	926693.825	48.525
20478	926742.350	47.775
20479	926790.125	47.392
20480	926837.517	44.883
20481	926882.400	43.992
20482	926926.392	46.183
20483	926972.575	45.283
20484	927017.858	44 158
20485	927062.017	45 300
20486	927107.317	48 983
20487	927156.300	46.725
20488	927203.025	47.425
20489	927250.450	42.033
20490	927292.483	46.508
20491	927338.992	48.550
20492	927387.542	47.183
20493	927434.725	47.292
20494	927482.017	51.000
20495	927533.017	49.200
20496	927582.217	48.092
20497	927630.308	52.842
20498	927683.150	42 400
20499	927725.550	52.992
20500	927778 542	50.208
20501	927828.750	49.683
20502	927878 433	50.567
20503	927929.000	52.292
20504	927981.292	45.133
20505	928026.425	49.058
20506	928075.483	50.050
20507	928125.533	47.208
20508	928172.742	50.050
20509	928222.792	50 925
20510	928273.717	48.583
20511	928322.300	52.733
20512	928375 033	52.800
20513	928427.833	47.183
20514	928475.017	46 808
20515	928521.825	50.500
20516	928572.325	50.392
20517	928622.717	50.183
20518	928672.900	48.825
20519	928721.725	48 467
20520	928770.192	50.067
20521	928820 258	33.708
20522	928853.967	50.583
20523	928904.550	49.292
20524	928953.842	50 325
20525	929004.167	50.550
20526	929054.717	48.133
20527	929102 850	52.425
20528	929155.275	52 600
20529	929207.875	53 017
20530	929260.892	47.767
20531	929308.658	52.458
20532	929361.117	48.992

Weld	Distance (ft.)	Joint Length (ft.)
20533	929410.108	50.483
20534	929460 592	50.900
20535	929511.492	51.067
20536	929562.558	48.475
20537	929611.033	48.950
20538	929659.983	49.258
20539	929709.242	50.600
20540	929759.842	48.892
20541	929808.733	48 358
20542	929857.092	49.508
20543	929906.600	52.225
20544	929958.825	49.508
20545	930008.333	48.117
20546	930056.450	37.708
20547	930094.158	50.592
20548	930144.750	49.825
20549	930194.575	49.117
20550	930243.692	53.175
20551	930296.867	50.233
20552	930347.100	48.533
20553	930395 633	46 617
20554	930442.250	52.517
20555	930494.767	52.267
20556	930547.033	46.392
20557	930593.425	48.808
20558	930642.233	47.817
20559	930690.050	49.608
20560	930739.658	51.883
20561	930791 542	40.975
20562	930832.517	40.150
20563	930872 667	50.983
20564	930923.650	52.142
20565	930975.792	48.692
20566	931024.483	49.608
20567	931074.092	11.792
20568	931085.883	48.092
20569	931133.975	35 867
20570	931169 842	51.667
20571	931221 508	49.858
20572	931271.367	39.792
20573	931311.158	48.158
20574	931359.317	48.892
20575	931408.208	50.150
20576	931458.358	47.808
20577	931506.167	50.500
20578	931556.667	50 317
20579	931606 983	37.517
20580	931644.500	34.575
20581	931679.075	49.833
20582	931728.908	50.892
20583	931779.800	49.467
20584	931829.267	46.742
20585	931876.008	50.125
20586	931926.133	49 600
20587	931975.733	49.208
20588	932024.942	42.983
20589	932067.925	49.467
20590	932117.392	50.292

Weld	Distance (ft.)	Joint Length (ft.)
20591	932167.683	49.692
20592	932217.375	48 700
20593	932266.075	49 683
20594	932315.758	50.008
20595	932365.767	49.683
20596	932415.450	50.108
20597	932465.558	49.800
20598	932515.358	49.617
20599	932564.975	48.908
20600	932613.883	49.567
20601	932663.450	50.000
20602	932713.450	48.958
20603	932762.408	49.625
20604	932812.033	49 200
20605	932861.233	50.117
20606	932911.350	48.075
20607	932959.425	49.350
20608	933008.775	47.692
20609	933056 467	48.917
20610	933105.383	44.742
20611	933150.125	51.008
20612	933201.133	42.708
20613	933243.842	50.775
20614	933294.617	47.392
20615	933342.008	49.308
20616	933391.317	49.925
20617	933441.242	48 825
20618	933490.067	49.067
20619	933539.133	48.808
20620	933587.942	48.242
20621	933636.183	49.158
20622	933685.342	49.375
20623	933734.717	34.525
20624	933769.242	46 008
20625	933815.250	48.158
20626	933863.408	48 158
20627	933911.567	49.325
20628	933960.892	49.767
20629	934010.658	49.033
20630	934059.692	44.442
20631	934104.133	49.925
20632	934154.058	49.867
20633	934203.925	49 367
20634	934253.292	40.908
20635	934294 200	48.542
20636	934342.742	49.817
20637	934392.558	49.867
20638	934442.425	49.325
20639	934491.750	49.417
20640	934541 167	49.767
20641	934590.933	49.575
20642	934640 508	49.542
20643	934690.050	48.908
20644	934738.958	50.275
20645	934789.233	50 333
20646	934839.567	49.275
20647	934888.842	50.083
20648	934938 925	45.492

Weld	Distance (ft.)	Joint Length (ft.)
20649	934984.417	50.383
20650	935034.800	50.883
20651	935085.683	48.125
20652	935133.808	49.625
20653	935183.433	49.183
20654	935232.617	49.992
20655	935282.608	50.017
20656	935332.625	38.842
20657	935371.467	49.200
20658	935420.667	51.542
20659	935472.208	49.900
20660	935522.108	46.242
20661	935568.350	47.700
20662	935616.050	49.000
20663	935665.050	49.392
20664	935714.442	48.575
20665	935763.017	39.508
20666	935802.525	49.217
20667	935851.742	45.900
20668	935897.642	48.842
20669	935946.483	49.167
20670	935995.650	50.508
20671	936046.158	49.917
20672	936096.075	51.200
20673	936147.275	50.250
20674	936197.525	49.242
20675	936246.767	49.992
20676	936296.758	49.467
20677	936346.225	47.008
20678	936393.233	50.325
20679	936443.558	51.042
20680	936494.600	49.025
20681	936543.625	49.000
20682	936592.625	47.342
20683	936639.967	47.692
20684	936687.658	51 108
20685	936738.767	48.142
20686	936786.908	48.075
20687	936834.983	51.042
20688	936886.025	47.433
20689	936933.458	49.917
20690	936983.375	48.825
20691	937032.200	48.792
20692	937080.992	49 783
20693	937130.775	51.442
20694	937182.217	50.450
20695	937232.667	48.775
20696	937281.442	49.250
20697	937330.692	47.108
20698	937377.800	46.408
20699	937424.208	51 458
20700	937475.667	50.675
20701	937526.342	49.175
20702	937575.517	50.942
20703	937626.458	51.492
20704	937677.950	47.325
20705	937725.275	48 925
20706	937774.200	48 825

Weld	Distance (ft.)	Joint Length (ft.)
20707	937823.025	47.075
20708	937870.100	48.967
20709	937919.067	51.792
20710	937970.858	45.325
20711	938016.183	46.175
20712	938062.358	15.367
20713	938077.725	50 092
20714	938127.817	48 342
20715	938176.158	35.175
20716	938211.333	49.650
20717	938260.983	42.292
20718	938303.275	49.475
20719	938352.750	51.150
20720	938403.900	46.575
20721	938450.475	49 800
20722	938500.275	44.667
20723	938544.942	45.608
20724	938590.550	49.958
20725	938640.508	50.533
20726	938691 042	48 208
20727	938739.250	47.025
20728	938786.275	45.633
20729	938831.908	42.500
20730	938874.408	46.242
20731	938920 650	42.925
20732	938963 575	43.508
20733	939007.083	45.625
20734	939052.708	38.808
20735	939091.517	49.142
20736	939140.658	46.258
20737	939186.917	50.500
20738	939237.417	49.283
20739	939286 700	46.900
20740	939333.600	48.450
20741	939382.050	41 842
20742	939423.892	42.608
20743	939466 500	44.342
20744	939510.842	47.450
20745	939558 292	43.608
20746	939601.900	48.083
20747	939649.983	48.717
20748	939698 700	46 783
20749	939745 483	32 050
20750	939777.533	48.783
20751	939826.317	47.117
20752	939873.433	48.008
20753	939921.442	46.608
20754	939968.050	48.442
20755	940016 492	48.925
20756	940065.417	49 075
20757	940114.492	44.125
20758	940158.617	49.108
20759	940207 725	48.917
20760	940256.642	49.592
20761	940306.233	45.833
20762	940352.067	44.358
20763	940396.425	48.833
20764	940445 258	46 225

Weld	Distance (ft.)	Joint Length (ft.)
20765	940491.483	42.475
20766	940533.958	44 292
20767	940578.250	50.350
20768	940628.600	45.700
20769	940674.300	49.458
20770	940723.758	45.625
20771	940769.383	49.258
20772	940818.642	50.533
20773	940869.175	50 725
20774	940919.900	48.900
20775	940968.800	50.983
20776	941019 783	45.725
20777	941065.508	43.417
20778	941108.925	49.775
20779	941158.700	47.208
20780	941205 908	45.683
20781	941251.592	48 725
20782	941300 317	51.583
20783	941351.900	46.575
20784	941398.475	48.367
20785	941446.842	48.892
20786	941495.733	44.525
20787	941540 258	51 492
20788	941591.750	44.925
20789	941636.675	45.633
20790	941682.308	50.275
20791	941732.583	48.325
20792	941780.908	49.625
20793	941830.533	48.417
20794	941878.950	52.150
20795	941931.100	50.333
20796	941981.433	51.400
20797	942032.833	45.825
20798	942078.658	32.517
20799	942111.175	48.817
20800	942159 992	49.617
20801	942209 608	43.950
20802	942253.558	46 258
20803	942299.817	44.642
20804	942344.458	47.825
20805	942392 283	46.017
20806	942438 300	43.875
20807	942482.175	47.667
20808	942529.842	47.392
20809	942577.233	50.100
20810	942627.333	44 692
20811	942672.025	51.300
20812	942723.325	43.133
20813	942766 458	47.517
20814	942813.975	49.233
20815	942863.208	47.383
20816	942910.592	48.333
20817	942958 925	47.558
20818	943006 483	46.483
20819	943052.967	44 742
20820	943097.708	43.300
20821	943141.008	46.158
20822	943187.167	45.233

Weld	Distance (ft.)	Joint Length (ft.)
20823	943232.400	46.350
20824	943278.750	47.817
20825	943326.567	47.317
20826	943373.883	48.025
20827	943421.908	46.283
20828	943468.192	45 958
20829	943514.150	49.767
20830	943563.917	49.325
20831	943613.242	49.867
20832	943663.108	46.650
20833	943709 758	47.125
20834	943756.883	47.725
20835	943804.608	46.600
20836	943851.208	48 683
20837	943899.892	49.817
20838	943949.708	47.242
20839	943996 950	45.433
20840	944042.383	45.058
20841	944087.442	44 925
20842	944132.367	36 442
20843	944168.808	46.183
20844	944214.992	47.258
20845	944262 250	41.892
20846	944304.142	46.783
20847	944350.925	47 208
20848	944398.133	47 817
20849	944445.950	49.992
20850	944495.942	45.425
20851	944541 367	42.650
20852	944584.017	47 333
20853	944631.350	47.258
20854	944678.608	45.750
20855	944724.358	51.842
20856	944776.200	48 017
20857	944824.217	50.075
20858	944874.292	48.142
20859	944922 433	52.875
20860	944975 308	48.092
20861	945023.400	50.433
20862	945073.833	51 567
20863	945125.400	50.758
20864	945176 158	47.600
20865	945223 758	50.042
20866	945273.800	47.300
20867	945321.100	41.058
20868	945362 158	49.658
20869	945411.817	50.900
20870	945462.717	52 783
20871	945515.500	44.633
20872	945560.133	50.800
20873	945610.933	44.742
20874	945655.675	49 825
20875	945705.500	43.608
20876	945749.108	47.667
20877	945796.775	47.642
20878	945844 417	50.408
20879	945894.825	47.833
20880	945942.658	50.008

Weld	Distance (ft.)	Joint Length (ft.)
20881	945992.667	50 750
20882	946043.417	45.567
20883	946088.983	50.867
20884	946139.850	39.917
20885	946179.767	46.900
20886	946226.667	50.250
20887	946276 917	47.508
20888	946324.425	50 525
20889	946374 950	44.958
20890	946419.908	47.267
20891	946467.175	45.467
20892	946512.642	47.392
20893	946560.033	46.050
20894	946606.083	46.275
20895	946652.358	39.492
20896	946691 850	47.300
20897	946739.150	45.442
20898	946784.592	49 425
20899	946834.017	51.150
20900	946885 167	47.892
20901	946933.058	45.508
20902	946978.567	49.875
20903	947028.442	50.150
20904	947078.592	46.725
20905	947125.317	45.858
20906	947171.175	31 650
20907	947202.825	51 892
20908	947254.717	49 492
20909	947304.208	45.417
20910	947349.625	50.967
20911	947400.592	45.317
20912	947445 908	43.992
20913	947489 900	48.575
20914	947538.475	46.275
20915	947584.750	47.267
20916	947632.017	45.975
20917	947677.992	48.717
20918	947726.708	47 400
20919	947774.108	50 258
20920	947824.367	44 633
20921	947869.000	49.725
20922	947918.725	42.375
20923	947961.100	47.150
20924	948008.250	49 858
20925	948058 108	46 200
20926	948104.308	47.492
20927	948151.800	50.642
20928	948202.442	48.167
20929	948250.608	48.125
20930	948298 733	45.133
20931	948343.867	49.025
20932	948392.892	47.492
20933	948440.383	47.142
20934	948487.525	51.367
20935	948538.892	43.525
20936	948582 417	49.042
20937	948631.458	49.125
20938	948680.583	50.683

Weld	Distance (ft.)	Joint Length (ft.)
20939	948731.267	44.725
20940	948775.992	51.442
20941	948827.433	46.308
20942	948873 742	44.700
20943	948918.442	48.367
20944	948966.808	45.200
20945	949012.008	46.425
20946	949058.433	48.167
20947	949106.600	45.592
20948	949152.192	48.783
20949	949200.975	41.000
20950	949241.975	45 200
20951	949287.175	49.867
20952	949337 042	45.450
20953	949382.492	41.000
20954	949423.492	45.117
20955	949468.608	47.733
20956	949516.342	44.700
20957	949561.042	50.775
20958	949611.817	49.408
20959	949661.225	50.942
20960	949712 167	49.892
20961	949762.058	35.875
20962	949797.933	48.533
20963	949846.467	46.383
20964	949892.850	49.117
20965	949941.967	49.283
20966	949991.250	47 700
20967	950038.950	48.875
20968	950087.825	41.692
20969	950129.517	48.442
20970	950177.958	49.783
20971	950227.742	46.183
20972	950273.925	48 142
20973	950322.067	41.358
20974	950363.425	42.917
20975	950406.342	46.575
20976	950452.917	45.950
20977	950498.867	45.125
20978	950543.992	49.208
20979	950593.200	45.217
20980	950638.417	43.117
20981	950681.533	45.875
20982	950727.408	45.075
20983	950772.483	45.625
20984	950818.108	46.842
20985	950864.950	46.458
20986	950911 408	46.567
20987	950957.975	44.900
20988	951002.875	45.108
20989	951047.983	45.392
20990	951093 375	45.925
20991	951139.300	43.375
20992	951182.675	46.625
20993	951229.300	40.267
20994	951269.567	42.458
20995	951312 025	42.267
20996	951354.292	47.808

Weld	Distance (ft.)	Joint Length (ft.)
20997	951402.100	46.483
20998	951448.583	45.400
20999	951493.983	38.625
21000	951532.608	46.225
21001	951578.833	43.292
21002	951622.125	41.192
21003	951663.317	44.908
21004	951708.225	41.967
21005	951750.192	45.533
21006	951795.725	50 967
21007	951846.692	48.058
21008	951894.750	46.142
21009	951940.892	45.558
21010	951986.450	44.725
21011	952031.175	43.358
21012	952074.533	35.250
21013	952109 783	44.675
21014	952154.458	45.892
21015	952200.350	46.633
21016	952246.983	46.400
21017	952293.383	44.725
21018	952338.108	49.542
21019	952387.650	39.717
21020	952427.367	46.450
21021	952473.817	46.800
21022	952520.617	47.092
21023	952567.708	44.217
21024	952611.925	45.492
21025	952657.417	41.800
21026	952699 217	44.208
21027	952743.425	47.833
21028	952791.258	48.117
21029	952839.375	44.867
21030	952884.242	45.808
21031	952930.050	45.808
21032	952975.858	45.108
21033	953020.967	40.267
21034	953061.233	49.483
21035	953110.717	45.842
21036	953156.558	39.375
21037	953195.933	50.725
21038	953246.658	46.500
21039	953293.158	45.617
21040	953338.775	49.600
21041	953388.375	44.542
21042	953432.917	45.583
21043	953478.500	30.175
21044	953508 675	49.542
21045	953558 217	51.200
21046	953609.417	46.825
21047	953656.242	45.283
21048	953701.525	39.525
21049	953741.050	48.508
21050	953789 558	43.850
21051	953833.408	48.800
21052	953882.208	42.742
21053	953924.950	39.408
21054	953964 358	49.558

Weld	Distance (ft.)	Joint Length (ft.)
21055	954013.917	45.717
21056	954059.633	50.008
21057	954109.642	46.575
21058	954156.217	50.492
21059	954206 708	49.692
21060	954256.400	48.850
21061	954305.250	46.700
21062	954351.950	50.150
21063	954402.100	48.067
21064	954450.167	51.208
21065	954501.375	50.575
21066	954551.950	49.975
21067	954601.925	51.200
21068	954653.125	48.767
21069	954701.892	51.175
21070	954753.067	46.033
21071	954799.100	48.483
21072	954847.583	49.925
21073	954897.508	49.875
21074	954947.383	48.275
21075	954995.658	48.592
21076	955044.250	50.050
21077	955094 300	48.933
21078	955143.233	32.067
21079	955175.300	48 767
21080	955224.067	47.933
21081	955272.000	47.892
21082	955319 892	48 475
21083	955368.367	48.300
21084	955416.667	47.433
21085	955464.100	50.400
21086	955514.500	47.375
21087	955561.875	35 225
21088	955597.100	44.775
21089	955641.875	46.717
21090	955688.592	20.475
21091	955709.067	51.200
21092	955760.267	39.892
21093	955800.158	48.258
21094	955848.417	51.308
21095	955899 725	47.867
21096	955947.592	31.683
21097	955979.275	43.742
21098	956023.017	45.900
21099	956068.917	50.417
21100	956119.333	50.367
21101	956169.700	49.625
21102	956219 325	40.692
21103	956260.017	44.033
21104	956304.050	49.183
21105	956353.233	49.742
21106	956402.975	49.375
21107	956452.350	46 608
21108	956498.958	49 458
21109	956548.417	50.017
21110	956598.433	48.533
21111	956646.967	49.225
21112	956696.192	44.508

Weld	Distance (ft.)	Joint Length (ft.)
21113	956740 700	47.000
21114	956787.700	44.925
21115	956832.625	49.100
21116	956881.725	48.175
21117	956929.900	50.433
21118	956980.333	49.300
21119	957029.633	48 633
21120	957078.267	50 142
21121	957128.408	50.017
21122	957178.425	49.525
21123	957227.950	50.542
21124	957278.492	49.983
21125	957328 475	44.767
21126	957373.242	50.825
21127	957424.067	48 933
21128	957473.000	47.525
21129	957520.525	51.592
21130	957572.117	50.375
21131	957622.492	44.033
21132	957666 525	48.100
21133	957714.625	44.383
21134	957759.008	45.475
21135	957804.483	47.692
21136	957852.175	47.042
21137	957899.217	46.117
21138	957945.333	47 592
21139	957992.925	46.767
21140	958039.692	48.650
21141	958088 342	45.017
21142	958133.358	46 775
21143	958180.133	49.892
21144	958230.025	48.558
21145	958278 583	49.125
21146	958327.708	47.433
21147	958375.142	47.025
21148	958422.167	47.025
21149	958469.192	50.258
21150	958519 450	46.358
21151	958565 808	44.242
21152	958610.050	45 725
21153	958655.775	42.692
21154	958698.467	45.342
21155	958743.808	42.650
21156	958786.458	48.100
21157	958834.558	44.592
21158	958879.150	44.600
21159	958923 750	48.492
21160	958972.242	46.975
21161	959019.217	49.283
21162	959068.500	50.908
21163	959119.408	49.967
21164	959169.375	38.008
21165	959207.383	48.850
21166	959256 233	48.583
21167	959304 817	47.500
21168	959352 317	45.858
21169	959398.175	49.692
21170	959447.867	51.933

Weld	Distance (ft.)	Joint Length (ft.)
21171	959499 800	46.042
21172	959545.842	49.558
21173	959595.400	53.167
21174	959648.567	50.367
21175	959698.933	49.467
21176	959748.400	49.700
21177	959798.100	46.508
21178	959844.608	45.492
21179	959890 100	47.967
21180	959938.067	41.950
21181	959980.017	48.900
21182	960028.917	48.225
21183	960077.142	46.458
21184	960123.600	52.592
21185	960176 192	46 950
21186	960223.142	49.058
21187	960272.200	47.483
21188	960319.683	47.608
21189	960367.292	48.050
21190	960415.342	46 983
21191	960462 325	36.917
21192	960499.242	47.117
21193	960546.358	50.108
21194	960596.467	47.258
21195	960643.725	47 058
21196	960690.783	37.725
21197	960728.508	48.192
21198	960776.700	44.417
21199	960821.117	48.050
21200	960869.167	46.817
21201	960915 983	49.217
21202	960965.200	37.683
21203	961002.883	50.825
21204	961053.708	48.600
21205	961102 308	47 450
21206	961149.758	45.542
21207	961195.300	47.725
21208	961243.025	46 533
21209	961289 558	47.875
21210	961337.433	48.983
21211	961386.417	49.767
21212	961436.183	50.458
21213	961486.642	46.575
21214	961533.217	48 567
21215	961581.783	48.217
21216	961630.000	46.383
21217	961676 383	49 317
21218	961725.700	48 233
21219	961773.933	50.825
21220	961824.758	44.283
21221	961869 042	49.058
21222	961918 100	47.217
21223	961965.317	49.725
21224	962015.042	47.750
21225	962062.792	49.250
21226	962112.042	48 300
21227	962160.342	48.733
21228	962209.075	49.900

Weld	Distance (ft.)	Joint Length (ft.)
21229	962258.975	48.975
21230	962307.950	45.350
21231	962353 300	50.892
21232	962404.192	44.958
21233	962449.150	43 408
21234	962492.558	50 692
21235	962543.250	46.733
21236	962589.983	48.083
21237	962638.067	48.625
21238	962686.692	49.775
21239	962736 467	51.667
21240	962788.133	45.383
21241	962833.517	35.050
21242	962868.567	50 558
21243	962919.125	46 708
21244	962965.833	47.975
21245	963013.808	46.267
21246	963060.075	35.342
21247	963095 417	45.717
21248	963141.133	48.067
21249	963189.200	36.450
21250	963225.650	50.758
21251	963276.408	50.525
21252	963326.933	49.467
21253	963376.400	47.800
21254	963424 200	35.067
21255	963459 267	36.150
21256	963495.417	49.492
21257	963544.908	45.425
21258	963590.333	46.683
21259	963637 017	46.458
21260	963683.475	46 275
21261	963729.750	40.642
21262	963770.392	46.258
21263	963816.650	46.558
21264	963863.208	49 392
21265	963912.600	48 500
21266	963961.100	48 792
21267	964009.892	51.642
21268	964061.533	51.025
21269	964112.558	44.683
21270	964157.242	43.275
21271	964200.517	45.975
21272	964246.492	47.292
21273	964293.783	45.900
21274	964339.683	48.283
21275	964387.967	49 533
21276	964437.500	46.883
21277	964484.383	45.892
21278	964530.275	49.875
21279	964580.150	46 525
21280	964626.675	49 925
21281	964676.600	45 850
21282	964722.450	43.758
21283	964766 208	47.292
21284	964813.500	51 308
21285	964864.808	48.800
21286	964913.608	46.217

Weld	Distance (ft.)	Joint Length (ft.)
21287	964959.825	52.850
21288	965012.675	46.158
21289	965058.833	48.917
21290	965107 750	49.758
21291	965157.508	50.108
21292	965207.617	49.533
21293	965257.150	39.483
21294	965296.633	51.942
21295	965348.575	50.050
21296	965398.625	46.225
21297	965444.850	50.683
21298	965495.533	50.408
21299	965545.942	50.592
21300	965596.533	39.000
21301	965635.533	51.833
21302	965687.367	44.783
21303	965732.150	47.325
21304	965779.475	47.542
21305	965827.017	45.700
21306	965872.717	46.008
21307	965918.725	45.983
21308	965964.708	45.392
21309	966010.100	39.850
21310	966049.950	46.892
21311	966096.842	46.350
21312	966143.192	46.575
21313	966189.767	44.092
21314	966233.858	45.108
21315	966278.967	46.008
21316	966324.975	46.375
21317	966371.350	48.500
21318	966419.850	40.292
21319	966460.142	37.508
21320	966497.650	47 733
21321	966545.383	48.800
21322	966594 183	45.667
21323	966639.850	46.333
21324	966686.183	49.583
21325	966735.767	40 383
21326	966776.150	49.883
21327	966826.033	45.925
21328	966871.958	47.175
21329	966919.133	47.783
21330	966966.917	47.700
21331	967014.617	46.292
21332	967060.908	45.500
21333	967106.408	46.575
21334	967152.983	37.125
21335	967190.108	45.892
21336	967236.000	46.392
21337	967282.392	47.300
21338	967329.692	45.558
21339	967375.250	48 133
21340	967423.383	46 292
21341	967469.675	48.458
21342	967518.133	48.925
21343	967567.058	49.642
21344	967616.700	42.375

Weld	Distance (ft.)	Joint Length (ft.)
21345	967659.075	45.683
21346	967704.758	48.325
21347	967753.083	46.700
21348	967799.783	48 975
21349	967848.758	46.992
21350	967895.750	42.825
21351	967938.575	47.283
21352	967985.858	45.642
21353	968031.500	46.625
21354	968078.125	43.308
21355	968121.433	46.242
21356	968167.675	49.983
21357	968217.658	45.917
21358	968263.575	46.933
21359	968310.508	46.800
21360	968357.308	50.592
21361	968407.900	45.733
21362	968453.633	46.658
21363	968500.292	48.242
21364	968548.533	44.850
21365	968593.383	45.900
21366	968639.283	42.458
21367	968681.742	44.900
21368	968726.642	45.758
21369	968772.400	48.033
21370	968820.433	45.217
21371	968865.650	48.533
21372	968914.183	41.242
21373	968955.425	49.642
21374	969005.067	47.742
21375	969052.808	50.683
21376	969103.492	45.833
21377	969149.325	50.442
21378	969199.767	44.758
21379	969244.525	47.417
21380	969291.942	44.792
21381	969336.733	46.192
21382	969382.925	47.158
21383	969430.083	44.558
21384	969474.642	47.167
21385	969521.808	45.042
21386	969566.850	50.450
21387	969617.300	47 283
21388	969664.583	46.475
21389	969711 058	47.583
21390	969758.642	47.708
21391	969806.350	45.500
21392	969851.850	46.933
21393	969898.783	46.925
21394	969945.708	44.367
21395	969990.075	43.808
21396	970033.883	43.367
21397	970077.250	49 250
21398	970126.500	46.458
21399	970172.958	46.567
21400	970219.525	44.242
21401	970263.767	41.033
21402	970304.800	45.558

Weld	Distance (ft.)	Joint Length (ft.)
21403	970350.358	46.150
21404	970396.508	48.183
21405	970444.692	45.900
21406	970490.592	45.800
21407	970536 392	47 958
21408	970584.350	12.392
21409	970596.742	45.850
21410	970642.592	47.992
21411	970690.583	47.017
21412	970737.600	45.100
21413	970782 700	41 800
21414	970824.500	46.475
21415	970870.975	46.325
21416	970917.300	33.708
21417	970951.008	49.550
21418	971000 558	46 425
21419	971046.983	47.225
21420	971094.208	45.242
21421	971139 450	45.742
21422	971185 192	47 208
21423	971232.400	50.525
21424	971282.925	47.533
21425	971330.458	46.642
21426	971377.100	46 050
21427	971423 150	46.550
21428	971469.700	46.533
21429	971516.233	46.692
21430	971562.925	43.567
21431	971606.492	46.933
21432	971653.425	48.508
21433	971701.933	48.858
21434	971750 792	46.992
21435	971797.783	47.758
21436	971845.542	46.558
21437	971892.100	50.475
21438	971942 575	46.125
21439	971988.700	49.217
21440	972037.917	48.808
21441	972086.725	47 125
21442	972133.850	40.358
21443	972174 208	44.167
21444	972218 375	46 508
21445	972264.883	48.217
21446	972313.100	43.783
21447	972356 883	50.050
21448	972406.933	50 333
21449	972457.267	47.675
21450	972504.942	45.875
21451	972550.817	49.667
21452	972600.483	41.883
21453	972642.367	48.425
21454	972690.792	49.700
21455	972740.492	45.850
21456	972786.342	46.592
21457	972832 933	45.375
21458	972878.308	48.592
21459	972926.900	49.600
21460	972976.500	46.342

Weld	Distance (ft.)	Joint Length (ft.)
21461	973022.842	45.525
21462	973068.367	50.092
21463	973118.458	48.417
21464	973166.875	43.833
21465	973210.708	46.425
21466	973257.133	45.950
21467	973303.083	47.008
21468	973350.092	48.583
21469	973398.675	43.892
21470	973442.567	43.633
21471	973486.200	47.825
21472	973534 025	47 450
21473	973581.475	42.992
21474	973624.467	47.508
21475	973671.975	47.875
21476	973719.850	42.350
21477	973762 200	46 233
21478	973808.433	49.883
21479	973858.317	45.258
21480	973903 575	46.017
21481	973949.592	36.875
21482	973986.467	42.942
21483	974029.408	45.550
21484	974074.958	49.675
21485	974124 633	45 617
21486	974170.250	52.067
21487	974222.317	46.367
21488	974268.683	50.083
21489	974318.767	46.617
21490	974365.383	49.775
21491	974415.158	41.150
21492	974456 308	50.742
21493	974507.050	46.350
21494	974553.400	48.300
21495	974601.700	50.433
21496	974652 133	50.317
21497	974702.450	49.667
21498	974752.117	46.975
21499	974799.092	50.025
21500	974849 117	46.100
21501	974895.217	48.767
21502	974943.983	47.075
21503	974991 058	49 633
21504	975040.692	50 275
21505	975090.967	47.617
21506	975138 583	49.383
21507	975187.967	49.992
21508	975237.958	48.150
21509	975286.108	46.400
21510	975332.508	46.225
21511	975378 733	48.433
21512	975427.167	50.283
21513	975477.450	46.183
21514	975523 633	50.850
21515	975574.483	50.808
21516	975625.292	49.433
21517	975674 725	49.725
21518	975724.450	49.800

Weld	Distance (ft.)	Joint Length (ft.)
21519	975774 250	45.667
21520	975819.917	49.758
21521	975869.675	41 250
21522	975910.925	50.000
21523	975960.925	46.000
21524	976006.925	48.767
21525	976055.692	49.992
21526	976105.683	48.267
21527	976153.950	48.633
21528	976202.583	50 800
21529	976253.383	47.542
21530	976300.925	48.458
21531	976349 383	51.483
21532	976400.867	47.108
21533	976447.975	49.017
21534	976496.992	33.725
21535	976530.717	49.892
21536	976580.608	49.267
21537	976629.875	50.100
21538	976679.975	50.242
21539	976730.217	51.850
21540	976782.067	48.825
21541	976830.892	49.325
21542	976880.217	49.108
21543	976929.325	49.400
21544	976978.725	44.450
21545	977023 175	48.025
21546	977071.200	51.442
21547	977122.642	47.100
21548	977169 742	48.792
21549	977218.533	49.375
21550	977267.908	45.392
21551	977313.300	48.000
21552	977361.300	43.825
21553	977405.125	47.533
21554	977452.658	48.233
21555	977500.892	51.317
21556	977552.208	46.367
21557	977598.575	43.758
21558	977642.333	49.642
21559	977691.975	48.108
21560	977740.083	49.008
21561	977789.092	32.983
21562	977822.075	46.075
21563	977868 150	47.708
21564	977915.858	45.942
21565	977961.800	46.275
21566	978008.075	46.342
21567	978054.417	45.908
21568	978100.325	32 900
21569	978133.225	48.000
21570	978181.225	51.167
21571	978232.392	50.267
21572	978282.658	46.450
21573	978329.108	46.750
21574	978375.858	46.958
21575	978422.817	44.158
21576	978466.975	46.183

Weld	Distance (ft.)	Joint Length (ft.)
21577	978513.158	44.433
21578	978557.592	45.383
21579	978602.975	51.233
21580	978654.208	34.742
21581	978688.950	50.558
21582	978739.508	50.775
21583	978790.283	46.708
21584	978836.992	46.317
21585	978883.308	41.375
21586	978924.683	45 800
21587	978970.483	44.142
21588	979014.625	46.758
21589	979061.383	45.958
21590	979107.342	46.308
21591	979153.650	49.158
21592	979202.808	45 483
21593	979248.292	45.892
21594	979294.183	48.333
21595	979342.517	45.050
21596	979387.567	43.675
21597	979431.242	37.908
21598	979469.150	48.100
21599	979517.250	50.233
21600	979567.483	50.517
21601	979618 000	46.383
21602	979664 383	49 142
21603	979713.525	4.483
21604	979718.008	47.292
21605	979765.300	45.183
21606	979810.483	50.133
21607	979860.617	47.892
21608	979908.508	44 125
21609	979952 633	49.017
21610	980001.650	45.625
21611	980047.275	45.617
21612	980092.892	50.258
21613	980143.150	50.133
21614	980193 283	49.258
21615	980242.542	44 375
21616	980286.917	45.758
21617	980332.675	50.800
21618	980383.475	49.692
21619	980433.167	45.667
21620	980478.833	51.192
21621	980530 025	46.792
21622	980576.817	48.325
21623	980625.142	45.817
21624	980670.958	47.817
21625	980718 775	44.392
21626	980763.167	42 950
21627	980806.117	46 908
21628	980853.025	50.275
21629	980903.300	47.192
21630	980950.492	50.133
21631	981000 625	41.175
21632	981041.800	46 417
21633	981088.217	48.267
21634	981136.483	45.308

Weld	Distance (ft.)	Joint Length (ft.)
21635	981181.792	45.775
21636	981227.567	47.850
21637	981275.417	49.150
21638	981324.567	48.783
21639	981373.350	49.050
21640	981422 400	49.067
21641	981471.467	46 725
21642	981518.192	49 467
21643	981567.658	50.542
21644	981618.200	43.550
21645	981661.750	46.975
21646	981708.725	43.150
21647	981751.875	46.950
21648	981798.825	50.942
21649	981849 767	35.475
21650	981885.242	47.225
21651	981932.467	48.358
21652	981980.825	40.150
21653	982020.975	46.450
21654	982067.425	47.008
21655	982114.433	47.933
21656	982162 367	45.633
21657	982208.000	49.400
21658	982257.400	45.100
21659	982302.500	46.250
21660	982348.750	49.492
21661	982398.242	45.775
21662	982444.017	34.283
21663	982478.300	44.450
21664	982522.750	50.067
21665	982572.817	47 775
21666	982620.592	49.425
21667	982670.017	49.567
21668	982719.583	46.883
21669	982766.467	41.350
21670	982807.817	48.642
21671	982856.458	48.892
21672	982905.350	51 092
21673	982956.442	51.242
21674	983007.683	50.250
21675	983057.933	40.917
21676	983098.850	50.625
21677	983149.475	50.883
21678	983200.358	48.350
21679	983248.708	40.633
21680	983289.342	49.217
21681	983338.558	50.058
21682	983388.617	49 292
21683	983437.908	49.858
21684	983487.767	49.450
21685	983537.217	45.825
21686	983583.042	50.308
21687	983633.350	50.958
21688	983684.308	48.700
21689	983733.008	44.683
21690	983777.692	50.292
21691	983827.983	47.167
21692	983875.150	49.900

Weld	Distance (ft.)	Joint Length (ft.)
21693	983925.050	46.108
21694	983971.158	45.292
21695	984016.450	50.692
21696	984067.142	49.742
21697	984116.883	42.408
21698	984159.292	40.083
21699	984199.375	44.483
21700	984243.858	50.017
21701	984293.875	49.650
21702	984343.525	33.092
21703	984376.617	27.983
21704	984404.600	50.133
21705	984454.733	50.567
21706	984505.300	49.692
21707	984554.992	45.667
21708	984600.658	49.508
21709	984650.167	49.342
21710	984699.508	48.725
21711	984748.233	42.392
21712	984790.625	49 300
21713	984839.925	49.733
21714	984889.658	45.892
21715	984935.550	50.600
21716	984986.150	50.167
21717	985036.317	48.033
21718	985084 350	51.183
21719	985135.533	49 925
21720	985185.458	47 750
21721	985233.208	48.133
21722	985281.342	49.067
21723	985330.408	44.950
21724	985375.358	47.700
21725	985423.058	44 208
21726	985467.267	49.158
21727	985516.425	50.708
21728	985567.133	47.558
21729	985614.692	50.250
21730	985664.942	35.575
21731	985700.517	50.067
21732	985750.583	47.850
21733	985798.433	49.867
21734	985848.300	45.983
21735	985894.283	50.458
21736	985944.742	50.167
21737	985994.908	50.900
21738	986045.808	44.825
21739	986090.633	46 225
21740	986136.858	50.400
21741	986187 258	44.417
21742	986231.675	48.583
21743	986280.258	51.217
21744	986331.475	47.283
21745	986378.758	50.158
21746	986428.917	46.133
21747	986475.050	51.892
21748	986526.942	49.133
21749	986576.075	42 850
21750	986618.925	47.058

Weld	Distance (ft.)	Joint Length (ft.)
21751	986665.983	49.617
21752	986715.600	42.292
21753	986757.892	49.583
21754	986807.475	48.958
21755	986856.433	49 833
21756	986906.267	49.658
21757	986955.925	49.642
21758	987005.567	50.667
21759	987056.233	49.492
21760	987105.725	48.817
21761	987154.542	44.683
21762	987199.225	42.908
21763	987242.133	50.692
21764	987292.825	49.258
21765	987342 083	47.583
21766	987389.667	49.192
21767	987438.858	49.708
21768	987488.567	49.875
21769	987538 442	50.517
21770	987588 958	46.883
21771	987635.842	47.367
21772	987683.208	45.525
21773	987728.733	49.025
21774	987777.758	50.708
21775	987828.467	47.192
21776	987875.658	48.858
21777	987924.517	50.508
21778	987975.025	48.550
21779	988023.575	49 083
21780	988072.658	45.825
21781	988118 483	49.308
21782	988167.792	46.958
21783	988214.750	49.825
21784	988264.575	50.742
21785	988315.317	47.258
21786	988362 575	45 483
21787	988408.058	49 308
21788	988457.367	50.083
21789	988507 450	49 267
21790	988556.717	47 342
21791	988604.058	50.033
21792	988654 092	49.958
21793	988704.050	49.808
21794	988753.858	47.275
21795	988801 133	52.692
21796	988853.825	10 083
21797	988863.908	50 400
21798	988914.308	49.242
21799	988963 550	48.667
21800	989012.217	39 108
21801	989051.325	49.000
21802	989100 325	46.100
21803	989146.425	44 100
21804	989190.525	49.833
21805	989240.358	49.058
21806	989289.417	45.958
21807	989335.375	48.142
21808	989383.517	50.008

Weld	Distance (ft.)	Joint Length (ft.)
21809	989433.525	40.975
21810	989474 500	48.342
21811	989522.842	47.158
21812	989570.000	50.833
21813	989620.833	31.875
21814	989652.708	49.508
21815	989702.217	50.933
21816	989753.150	50.483
21817	989803 633	49 983
21818	989853.617	50.375
21819	989903.992	50.092
21820	989954.083	50.800
21821	990004 883	50.158
21822	990055.042	50.608
21823	990105.650	48.017
21824	990153.667	50.975
21825	990204.642	51.883
21826	990256.525	50.233
21827	990306.758	50.542
21828	990357.300	50.125
21829	990407.425	45.050
21830	990452.475	46.083
21831	990498.558	34.383
21832	990532.942	42.392
21833	990575.333	48.350
21834	990623.683	49.842
21835	990673.525	49.767
21836	990723.292	50.833
21837	990774.125	50.792
21838	990824.917	47.458
21839	990872 375	48.142
21840	990920.517	46.158
21841	990966.675	49.458
21842	991016.133	47.992
21843	991064 125	49 575
21844	991113.700	46.958
21845	991160.658	45.017
21846	991205.675	46.483
21847	991252.158	36.042
21848	991288.200	48.800
21849	991337.000	51.633
21850	991388.633	45.142
21851	991433.775	49.242
21852	991483.017	45.533
21853	991528.550	48.692
21854	991577.242	46.408
21855	991623.650	49.158
21856	991672.808	51.017
21857	991723.825	48.425
21858	991772.250	50.175
21859	991822.425	49.467
21860	991871.892	50.758
21861	991922.650	46.225
21862	991968.875	49.867
21863	992018.742	43.433
21864	992062.175	46.717
21865	992108.892	49.458
21866	992158.350	50.383

Weld	Distance (ft.)	Joint Length (ft.)
21867	992208.733	51.325
21868	992260.058	44.750
21869	992304.808	45.983
21870	992350.792	44.208
21871	992395.000	49.900
21872	992444.900	48.075
21873	992492.975	49 733
21874	992542.708	45.933
21875	992588 642	46.700
21876	992635 342	38.142
21877	992673.483	49.408
21878	992722.892	47.875
21879	992770.767	43.075
21880	992813.842	48.892
21881	992862 733	49.808
21882	992912.542	49.208
21883	992961.750	46 892
21884	993008.642	43.717
21885	993052 358	48.658
21886	993101.017	47.242
21887	993148.258	45.725
21888	993193.983	49.475
21889	993243.458	48.600
21890	993292.058	45.125
21891	993337.183	47.167
21892	993384.350	46.058
21893	993430.408	50.400
21894	993480.808	50.708
21895	993531.517	46.442
21896	993577 958	45.242
21897	993623.200	49.033
21898	993672.233	46.258
21899	993718.492	43.783
21900	993762.275	51.450
21901	993813.725	45.375
21902	993859.100	49.408
21903	993908.508	49.275
21904	993957.783	46.517
21905	994004 300	45.550
21906	994049.850	48 492
21907	994098 342	49 233
21908	994147 575	47.700
21909	994195.275	48.992
21910	994244.267	45.975
21911	994290 242	46 950
21912	994337.192	48.325
21913	994385.517	40.325
21914	994425.842	43.708
21915	994469.550	45.608
21916	994515.158	48.733
21917	994563.892	49.725
21918	994613.617	46.683
21919	994660.300	47.625
21920	994707.925	47.458
21921	994755.383	47.192
21922	994802 575	50.900
21923	994853.475	46.067
21924	994899.542	45.458

Weld	Distance (ft.)	Joint Length (ft.)
21925	994945.000	46.200
21926	994991.200	45.558
21927	995036 758	43.092
21928	995079.850	50.175
21929	995130 025	45.242
21930	995175.267	43 917
21931	995219.183	49.525
21932	995268.708	43.783
21933	995312.492	42.325
21934	995354.817	46.383
21935	995401.200	48.017
21936	995449.217	49.533
21937	995498 750	45.933
21938	995544.683	50.608
21939	995595.292	48.167
21940	995643.458	45.175
21941	995688.633	48.558
21942	995737.192	33.350
21943	995770 542	49.442
21944	995819 983	44 817
21945	995864 800	48.317
21946	995913.117	48 425
21947	995961.542	42.650
21948	996004.192	49.858
21949	996054.050	41.167
21950	996095.217	44.608
21951	996139 825	49.592
21952	996189.417	42.258
21953	996231.675	47.867
21954	996279.542	47.150
21955	996326.692	45.100
21956	996371.792	49.525
21957	996421.317	47.142
21958	996468 458	45.517
21959	996513.975	47.575
21960	996561.550	41.633
21961	996603.183	50.450
21962	996653 633	50.717
21963	996704.350	48.975
21964	996753.325	46.708
21965	996800.033	47.958
21966	996847.992	47.592
21967	996895.583	47 042
21968	996942 625	45 392
21969	996988.017	49.942
21970	997037.958	48.592
21971	997086.550	45.367
21972	997131 917	46.025
21973	997177.942	46 100
21974	997224.042	45.942
21975	997269.983	44.517
21976	997314.500	33.433
21977	997347 933	44.167
21978	997392.100	45.317
21979	997437.417	45.958
21980	997483.375	45.325
21981	997528.700	48.092
21982	997576.792	48.908

Weld	Distance (ft.)	Joint Length (ft.)
21983	997625.700	49 517
21984	997675.217	46.033
21985	997721.250	47.108
21986	997768.358	51.433
21987	997819.792	45.783
21988	997865.575	45.658
21989	997911.233	33.250
21990	997944.483	50.075
21991	997994.558	45.433
21992	998039.992	47.042
21993	998087.033	49.825
21994	998136.858	48.642
21995	998185.500	50.592
21996	998236.092	49.667
21997	998285.758	48.658
21998	998334.417	49 825
21999	998384.242	50.342
22000	998434.583	45.117
22001	998479.700	49.667
22002	998529.367	50.583
22003	998579.950	51.942
22004	998631.892	47 875
22005	998679.767	47.908
22006	998727.675	50.542
22007	998778.217	50.958
22008	998829.175	51.650
22009	998880.825	45.650
22010	998926.475	47 350
22011	998973.825	50 467
22012	999024.292	46.625
22013	999070.917	49.292
22014	999120.208	49.892
22015	999170 100	46.000
22016	999216.100	49.058
22017	999265.158	44.975
22018	999310.133	46.450
22019	999356.583	50.242
22020	999406.825	49.975
22021	999456.800	42 958
22022	999499.758	49 717
22023	999549.475	50.058
22024	999599.533	49.542
22025	999649.075	48.792
22026	999697.867	52.250
22027	999750.117	45 242
22028	999795.358	47.725
22029	999843.083	50.092
22030	999893 175	45.692
22031	999938.867	50.067
22032	999988.933	47.733
22033	1000036.667	47.025
22034	1000083.692	51.542
22035	1000135 233	45.767
22036	1000181.000	49.942
22037	1000230.942	45 617
22038	1000276.558	48.133
22039	1000324.692	45.075
22040	1000369.767	45.550

Weld	Distance (ft.)	Joint Length (ft.)
22041	1000415.317	46.483
22042	1000461.800	45.792
22043	1000507.592	45.350
22044	1000552.942	49.967
22045	1000602.908	49.475
22046	1000652.383	49.875
22047	1000702.258	45 792
22048	1000748 050	45.625
22049	1000793.675	44.867
22050	1000838.542	48.958
22051	1000887.500	50.617
22052	1000938.117	49.117
22053	1000987.233	49.133
22054	1001036.367	49.083
22055	1001085.450	48.692
22056	1001134.142	50.733
22057	1001184.875	48.333
22058	1001233.208	49.383
22059	1001282.592	50.558
22060	1001333.150	51.267
22061	1001384.417	43.917
22062	1001428 333	47.292
22063	1001475.625	30.158
22064	1001505.783	47.350
22065	1001553.133	48.817
22066	1001601.950	47.892
22067	1001649.842	48.167
22068	1001698 008	44.883
22069	1001742.892	49.500
22070	1001792.392	45.692
22071	1001838.083	46.975
22072	1001885.058	41.833
22073	1001926 892	50.433
22074	1001977.325	44.475
22075	1002021.800	47.667
22076	1002069.467	49.500
22077	1002118.967	48.583
22078	1002167.550	47 967
22079	1002215.517	50.217
22080	1002265.733	48.925
22081	1002314.658	50.183
22082	1002364.842	50.042
22083	1002414.883	50.850
22084	1002465 733	48.442
22085	1002514.175	49.325
22086	1002563.500	45.100
22087	1002608.600	45.233
22088	1002653.833	49.992
22089	1002703.825	48.133
22090	1002751.958	45.350
22091	1002797.308	48.183
22092	1002845.492	49.492
22093	1002894.983	38.158
22094	1002933.142	47.117
22095	1002980.258	49.583
22096	1003029.842	49.042
22097	1003078.883	49.725
22098	1003128.608	50.308

Weld	Distance (ft.)	Joint Length (ft.)
22099	1003178.917	50.350
22100	1003229.267	50.158
22101	1003279.425	48.650
22102	1003328.075	49.283
22103	1003377.358	50.600
22104	1003427.958	45.800
22105	1003473.758	50 258
22106	1003524.017	50.633
22107	1003574 650	45.483
22108	1003620 133	50.492
22109	1003670.625	50 083
22110	1003720.708	49.850
22111	1003770.558	45.658
22112	1003816.217	50.425
22113	1003866.642	48 825
22114	1003915.467	48.783
22115	1003964.250	40.950
22116	1004005.200	48.225
22117	1004053.425	49 192
22118	1004102.617	46 117
22119	1004148.733	51.133
22120	1004199.867	50.583
22121	1004250.450	48 575
22122	1004299.025	50.275
22123	1004349.300	48.433
22124	1004397.733	47 842
22125	1004445.575	49.050
22126	1004494.625	34.792
22127	1004529 417	47.500
22128	1004576.917	48.850
22129	1004625.767	49.525
22130	1004675 292	51.342
22131	1004726.633	51.467
22132	1004778.100	52.225
22133	1004830.325	41.375
22134	1004871.700	42.158
22135	1004913.858	46.683
22136	1004960.542	47.608
22137	1005008.150	45.217
22138	1005053.367	48.533
22139	1005101.900	48.275
22140	1005150.175	47.367
22141	1005197.542	52.058
22142	1005249.600	48.983
22143	1005298.583	49.658
22144	1005348.242	43.717
22145	1005391.958	49.742
22146	1005441.700	45.900
22147	1005487.600	35.358
22148	1005522.958	49 492
22149	1005572.450	50.475
22150	1005622.925	45.625
22151	1005668.550	50.708
22152	1005719 258	46.550
22153	1005765.808	48.250
22154	1005814.058	50.092
22155	1005864.150	51.358
22156	1005915.508	49 242

Weld	Distance (ft.)	Joint Length (ft.)
22157	1005964.750	50.008
22158	1006014.758	46 733
22159	1006061.492	35.233
22160	1006096.725	51.508
22161	1006148.233	45.808
22162	1006194.042	50.233
22163	1006244 275	48.958
22164	1006293.233	45.150
22165	1006338.383	45.617
22166	1006384.000	47.117
22167	1006431 117	46.758
22168	1006477.875	50.758
22169	1006528.633	45 292
22170	1006573.925	49.875
22171	1006623.800	45.558
22172	1006669.358	41.300
22173	1006710.658	51.483
22174	1006762.142	46.250
22175	1006808.392	50.450
22176	1006858.842	49.467
22177	1006908.308	51.000
22178	1006959.308	45.925
22179	1007005.233	44.900
22180	1007050.133	45.483
22181	1007095.617	44.858
22182	1007140.475	45.950
22183	1007186.425	45.433
22184	1007231.858	50.242
22185	1007282.100	49.725
22186	1007331 825	48 367
22187	1007380.192	43.817
22188	1007424.008	50.283
22189	1007474.292	47.958
22190	1007522 250	51.758
22191	1007574.008	40.783
22192	1007614.792	44.892
22193	1007659.683	51.408
22194	1007711.092	46.950
22195	1007758.042	48.375
22196	1007806 417	50.525
22197	1007856.942	49.617
22198	1007906.558	43.492
22199	1007950.050	35 617
22200	1007985.667	45.517
22201	1008031.183	47.658
22202	1008078.842	45.900
22203	1008124.742	43.483
22204	1008168.225	48 208
22205	1008216.433	50.192
22206	1008266 625	45.750
22207	1008312.375	45.633
22208	1008358.008	48.392
22209	1008406.400	50.483
22210	1008456.883	35.675
22211	1008492.558	46.458
22212	1008539.017	45.050
22213	1008584.067	44.208
22214	1008628.275	40.317

Weld	Distance (ft.)	Joint Length (ft.)
22215	1008668.592	46.733
22216	1008715.325	50.625
22217	1008765 950	45.908
22218	1008811.858	44.783
22219	1008856.642	50.600
22220	1008907.242	46.017
22221	1008953.258	48.850
22222	1009002 108	48.092
22223	1009050.200	44.175
22224	1009094.375	18 492
22225	1009112.867	30.250
22226	1009143.117	49.183
22227	1009192.300	48.358
22228	1009240.658	50.733
22229	1009291.392	28 492
22230	1009319.883	43.517
22231	1009363.400	46.933
22232	1009410.333	49.017
22233	1009459.350	49.350
22234	1009508.700	45.958
22235	1009554.658	50.083
22236	1009604 742	51.433
22237	1009656.175	49.883
22238	1009706.058	44.933
22239	1009750.992	46.925
22240	1009797.917	50.842
22241	1009848.758	48.633
22242	1009897.392	46.900
22243	1009944.292	49.358
22244	1009993.650	51.008
22245	1010044.658	47.817
22246	1010092.475	47.417
22247	1010139.892	46.683
22248	1010186.575	46 642
22249	1010233.217	49.108
22250	1010282 325	48.833
22251	1010331.158	51.442
22252	1010382.600	45.392
22253	1010427 992	45.842
22254	1010473.833	43.725
22255	1010517.558	47.717
22256	1010565.275	50.667
22257	1010615.942	48.825
22258	1010664.767	48.850
22259	1010713 617	46.658
22260	1010760 275	50.258
22261	1010810.533	45.433
22262	1010855.967	45.600
22263	1010901 567	48.775
22264	1010950.342	47 400
22265	1010997.742	48.475
22266	1011046.217	48.042
22267	1011094 258	48.033
22268	1011142.292	51.433
22269	1011193.725	45.417
22270	1011239 142	48 825
22271	1011287.967	47.558
22272	1011335.525	48.800

Weld	Distance (ft.)	Joint Length (ft.)
22273	1011384.325	51.733
22274	1011436 058	48.567
22275	1011484.625	47.383
22276	1011532.008	48.783
22277	1011580.792	44 617
22278	1011625.408	45.642
22279	1011671.050	45.375
22280	1011716.425	44.675
22281	1011761.100	49.375
22282	1011810.475	45.675
22283	1011856.150	47.592
22284	1011903.742	47.592
22285	1011951.333	44.925
22286	1011996.258	47.675
22287	1012043.933	45.350
22288	1012089.283	47.550
22289	1012136.833	49.083
22290	1012185 917	47.042
22291	1012232 958	46.625
22292	1012279 583	47.592
22293	1012327.175	47.100
22294	1012374.275	46 550
22295	1012420.825	45.350
22296	1012466.175	44.283
22297	1012510.458	46.533
22298	1012556.992	46.108
22299	1012603 100	49.008
22300	1012652 108	45.875
22301	1012697.983	45.267
22302	1012743.250	43.917
22303	1012787.167	45.558
22304	1012832.725	46.533
22305	1012879 258	46.533
22306	1012925.792	46.983
22307	1012972.775	47.675
22308	1013020.450	46.292
22309	1013066.742	46.658
22310	1013113.400	46.158
22311	1013159 558	45.975
22312	1013205.533	46.883
22313	1013252.417	45.558
22314	1013297.975	48.808
22315	1013346.783	41.042
22316	1013387.825	46.125
22317	1013433 950	49.233
22318	1013483.183	41 825
22319	1013525.008	46.633
22320	1013571.642	48.517
22321	1013620.158	45.775
22322	1013665.933	44.833
22323	1013710 767	46.317
22324	1013757.083	49.250
22325	1013806.333	48.742
22326	1013855.075	48.200
22327	1013903 275	49.817
22328	1013953.092	49 633
22329	1014002.725	41.225
22330	1014043.950	51.400

Weld	Distance (ft.)	Joint Length (ft.)
22331	1014095.350	48 942
22332	1014144.292	45.658
22333	1014189.950	42.892
22334	1014232.842	49.017
22335	1014281.858	43.408
22336	1014325.267	49.125
22337	1014374.392	45.750
22338	1014420.142	47.792
22339	1014467.933	50.400
22340	1014518.333	44.658
22341	1014562.992	49 708
22342	1014612.700	52.025
22343	1014664.725	51.275
22344	1014716.000	50.558
22345	1014766.558	48.825
22346	1014815.383	50.308
22347	1014865.692	50.858
22348	1014916.550	42.008
22349	1014958.558	50 508
22350	1015009.067	49.283
22351	1015058.350	50.008
22352	1015108.358	51.517
22353	1015159.875	47.875
22354	1015207.750	48.950
22355	1015256.700	49 792
22356	1015306.492	49.942
22357	1015356.433	51.067
22358	1015407.500	50.050
22359	1015457.550	39.900
22360	1015497.450	51.008
22361	1015548.458	42.025
22362	1015590.483	48 167
22363	1015638.650	47.483
22364	1015686.133	46.292
22365	1015732 425	43.825
22366	1015776 250	48.942
22367	1015825 192	46.350
22368	1015871.542	48.867
22369	1015920.408	51.350
22370	1015971.758	48.017
22371	1016019.775	49.067
22372	1016068.842	46.642
22373	1016115.483	48.342
22374	1016163.825	50.983
22375	1016214.808	45.808
22376	1016260.617	50.358
22377	1016310.975	46.150
22378	1016357.125	48.267
22379	1016405.392	49 767
22380	1016455.158	44.533
22381	1016499.692	47.483
22382	1016547.175	48.658
22383	1016595 833	45.342
22384	1016641.175	42.233
22385	1016683.408	49.575
22386	1016732.983	49.233
22387	1016782.217	49.908
22388	1016832.125	49.283

Weld	Distance (ft.)	Joint Length (ft.)
22389	1016881.408	50.800
22390	1016932.208	48.383
22391	1016980.592	50.617
22392	1017031.208	39.650
22393	1017070.858	48.350
22394	1017119.208	51.242
22395	1017170.450	50.400
22396	1017220 850	51.067
22397	1017271 917	49.208
22398	1017321.125	49.233
22399	1017370.358	50.425
22400	1017420.783	47.275
22401	1017468.058	50.167
22402	1017518.225	46.167
22403	1017564.392	49.875
22404	1017614.267	50 617
22405	1017664.883	48.550
22406	1017713.433	14.708
22407	1017728.142	47.650
22408	1017775.792	49.683
22409	1017825.475	49.817
22410	1017875.292	48 633
22411	1017923.925	34.733
22412	1017958.658	48.092
22413	1018006.750	50.892
22414	1018057.642	40.508
22415	1018098.150	48.017
22416	1018146.167	50.742
22417	1018196.908	48.842
22418	1018245.750	45.508
22419	1018291.258	48.692
22420	1018339.950	50.525
22421	1018390.475	47.175
22422	1018437.650	49.025
22423	1018486.675	48 475
22424	1018535.150	49.492
22425	1018584.642	50.675
22426	1018635.317	51.583
22427	1018686.900	50.500
22428	1018737.400	52.092
22429	1018789.492	51.400
22430	1018840.892	42.567
22431	1018883.458	49.933
22432	1018933.392	49.983
22433	1018983.375	51.425
22434	1019034.800	51.467
22435	1019086.267	47 258
22436	1019133.525	49.983
22437	1019183.508	47.867
22438	1019231.375	49.517
22439	1019280.892	49.625
22440	1019330.517	50 258
22441	1019380.775	48.733
22442	1019429.508	47.975
22443	1019477.483	50.783
22444	1019528.267	50.108
22445	1019578.375	51.025
22446	1019629.400	50.233

Weld	Distance (ft.)	Joint Length (ft.)
22447	1019679.633	48.125
22448	1019727.758	50.083
22449	1019777.842	50.700
22450	1019828.542	39.092
22451	1019867.633	48.017
22452	1019915 650	31.133
22453	1019946.783	12 200
22454	1019958.983	43.758
22455	1020002.742	40.908
22456	1020043.650	43.342
22457	1020086.992	43.675
22458	1020130.667	43.767
22459	1020174 433	43.592
22460	1020218.025	43.600
22461	1020261.625	8.750
22462	1020270.375	51.525
22463	1020321.900	53.308
22464	1020375.208	50.708
22465	1020425.917	50.225
22466	1020476 142	50 533
22467	1020526 675	50.492
22468	1020577.167	48.092
22469	1020625.258	49.283
22470	1020674.542	48.658
22471	1020723.200	47.283
22472	1020770.483	48.950
22473	1020819.433	52.983
22474	1020872.417	52.683
22475	1020925.100	50.992
22476	1020976 092	51.367
22477	1021027.458	49.933
22478	1021077.392	50.575
22479	1021127.967	51.483
22480	1021179.450	48.992
22481	1021228.442	50.508
22482	1021278.950	48 950
22483	1021327.900	49.008
22484	1021376.908	50.117
22485	1021427.025	48.325
22486	1021475.350	50.292
22487	1021525.642	50.758
22488	1021576.400	50.375
22489	1021626.775	46.142
22490	1021672 917	50 967
22491	1021723.883	50.958
22492	1021774.842	49.583
22493	1021824.425	48.775
22494	1021873.200	52.292
22495	1021925.492	51.133
22496	1021976.625	49.292
22497	1022025.917	49.833
22498	1022075 750	44.792
22499	1022120.542	51.125
22500	1022171.667	49.142
22501	1022220.808	50.725
22502	1022271.533	50.808
22503	1022322.342	51.767
22504	1022374.108	48.550

Weld	Distance (ft.)	Joint Length (ft.)
22505	1022422.658	48.208
22506	1022470.867	49.608
22507	1022520 475	41.242
22508	1022561.717	51.483
22509	1022613.200	50 750
22510	1022663.950	47.308
22511	1022711.258	49.867
22512	1022761.125	49.667
22513	1022810.792	50.933
22514	1022861.725	51.783
22515	1022913.508	48.817
22516	1022962 325	47.942
22517	1023010.267	48.542
22518	1023058 808	48.658
22519	1023107.467	52 617
22520	1023160.083	23 417
22521	1023183.500	48.367
22522	1023231.867	50.000
22523	1023281.867	48.925
22524	1023330.792	52.183
22525	1023382.975	50.458
22526	1023433.433	28 050
22527	1023461.483	50.067
22528	1023511.550	49.333
22529	1023560.883	50.275
22530	1023611.158	50.633
22531	1023661.792	49.117
22532	1023710.908	50.208
22533	1023761.117	49.908
22534	1023811.025	49.192
22535	1023860.217	39.633
22536	1023899.850	50 142
22537	1023949.992	48.717
22538	1023998.708	47.092
22539	1024045.800	49.433
22540	1024095.233	48.342
22541	1024143.575	50.100
22542	1024193.675	50.717
22543	1024244.392	50.267
22544	1024294.658	49.842
22545	1024344 500	35.908
22546	1024380.408	52.642
22547	1024433.050	49.800
22548	1024482.850	45.058
22549	1024527 908	46 183
22550	1024574 092	46 233
22551	1024620.325	50 750
22552	1024671.075	45.992
22553	1024717 067	49.725
22554	1024766.792	51.350
22555	1024818.142	46 558
22556	1024864.700	43.842
22557	1024908 542	46.783
22558	1024955.325	48.975
22559	1025004.300	48 575
22560	1025052.875	49.617
22561	1025102 492	50.492
22562	1025152 983	48.633

Weld	Distance (ft.)	Joint Length (ft.)
22563	1025201.617	50.542
22564	1025252.158	44.775
22565	1025296.933	46.883
22566	1025343.817	48 050
22567	1025391.867	50 775
22568	1025442.642	49.392
22569	1025492.033	46.375
22570	1025538 408	50.042
22571	1025588 450	45.508
22572	1025633 958	52.817
22573	1025686.775	36.750
22574	1025723.525	52.558
22575	1025776.083	48.967
22576	1025825.050	49.142
22577	1025874.192	50.283
22578	1025924.475	49.833
22579	1025974.308	46.333
22580	1026020 642	50.050
22581	1026070.692	49.533
22582	1026120.225	48 217
22583	1026168.442	48.642
22584	1026217.083	42.200
22585	1026259.283	39.167
22586	1026298.450	46.000
22587	1026344.450	45.725
22588	1026390.175	49.525
22589	1026439.700	50.467
22590	1026490.167	48.867
22591	1026539.033	51.833
22592	1026590.867	48 833
22593	1026639.700	48.183
22594	1026687.883	51.067
22595	1026738.950	50.992
22596	1026789.942	50.400
22597	1026840.342	45.750
22598	1026886.092	49.575
22599	1026935.667	50.808
22600	1026986.475	51.158
22601	1027037.633	51.442
22602	1027089.075	46.200
22603	1027135.275	49.642
22604	1027184.917	50.500
22605	1027235.417	51.858
22606	1027287.275	50 633
22607	1027337.908	49.850
22608	1027387.758	48.383
22609	1027436.142	49.575
22610	1027485 717	51.567
22611	1027537.283	49.675
22612	1027586.958	50.158
22613	1027637.117	49.833
22614	1027686.950	47.558
22615	1027734.508	48.408
22616	1027782.917	49.492
22617	1027832.408	49.792
22618	1027882.200	48.467
22619	1027930 667	49.217
22620	1027979 883	49.483

Weld	Distance (ft.)	Joint Length (ft.)
22621	1028029.367	50.358
22622	1028079.725	49.083
22623	1028128.808	50 267
22624	1028179.075	50.317
22625	1028229.392	43.467
22626	1028272.858	49.142
22627	1028322.000	43.942
22628	1028365.942	50.558
22629	1028416.500	49.067
22630	1028465 567	44.225
22631	1028509.792	49.717
22632	1028559 508	50.192
22633	1028609 700	53 483
22634	1028663.183	50.158
22635	1028713.342	50.900
22636	1028764.242	47.525
22637	1028811.767	45.083
22638	1028856.850	44 083
22639	1028900.933	50.450
22640	1028951.383	47.533
22641	1028998 917	40.733
22642	1029039 650	49.408
22643	1029089.058	51.033
22644	1029140 092	49.442
22645	1029189 533	50.167
22646	1029239.700	50.233
22647	1029289.933	49.692
22648	1029339.625	47.308
22649	1029386.933	44.583
22650	1029431.517	49.500
22651	1029481 017	45.533
22652	1029526.550	42.108
22653	1029568.658	49 425
22654	1029618.083	49.200
22655	1029667.283	49.975
22656	1029717.258	47.575
22657	1029764.833	49.133
22658	1029813 967	50.383
22659	1029864.350	43.908
22660	1029908 258	49.658
22661	1029957.917	50.358
22662	1030008.275	45.542
22663	1030053.817	44.892
22664	1030098.708	50.383
22665	1030149.092	48.900
22666	1030197.992	48.025
22667	1030246.017	47.192
22668	1030293.208	43.392
22669	1030336.600	49.525
22670	1030386.125	50.233
22671	1030436 358	49.283
22672	1030485 642	48.525
22673	1030534.167	49.942
22674	1030584.108	50.750
22675	1030634.858	50.275
22676	1030685.133	49.442
22677	1030734.575	49.767
22678	1030784.342	49.067

Weld	Distance (ft.)	Joint Length (ft.)
22679	1030833.408	50.083
22680	1030883.492	47.425
22681	1030930.917	46.183
22682	1030977.100	49.858
22683	1031026.958	36 800
22684	1031063.758	49.767
22685	1031113.525	49.542
22686	1031163.067	45.225
22687	1031208.292	51.450
22688	1031259.742	48.142
22689	1031307.883	50.417
22690	1031358.300	45.708
22691	1031404.008	49.675
22692	1031453.683	49.033
22693	1031502.717	49.508
22694	1031552.225	49.750
22695	1031601.975	50.333
22696	1031652.308	49.217
22697	1031701.525	49.800
22698	1031751.325	49.500
22699	1031800.825	49.025
22700	1031849.850	48.575
22701	1031898.425	50.683
22702	1031949.108	48.633
22703	1031997.742	48.683
22704	1032046 425	47.625
22705	1032094 050	49.442
22706	1032143.492	46.083
22707	1032189.575	48.242
22708	1032237.817	49.250
22709	1032287.067	50.325
22710	1032337.392	50.233
22711	1032387 625	48.592
22712	1032436.217	48.400
22713	1032484 617	48 100
22714	1032532.717	49.717
22715	1032582.433	50.492
22716	1032632.925	46.700
22717	1032679.625	46.350
22718	1032725.975	36.842
22719	1032762.817	49.708
22720	1032812.525	48 833
22721	1032861.358	48.050
22722	1032909.408	47.017
22723	1032956.425	49.200
22724	1033005.625	7.183
22725	1033012.808	4.650
22726	1033017.458	39.067
22727	1033056.525	50.467
22728	1033106.992	47.550
22729	1033154.542	46.042
22730	1033200.583	45.717
22731	1033246.300	49.858
22732	1033296.158	49 125
22733	1033345.283	50.467
22734	1033395.750	48.833
22735	1033444.583	50.675
22736	1033495.258	45.367

Weld	Distance (ft.)	Joint Length (ft.)
22737	1033540.625	50.375
22738	1033591.000	43.650
22739	1033634.650	48.350
22740	1033683.000	49.692
22741	1033732.692	40.017
22742	1033772.708	48.858
22743	1033821.567	50.817
22744	1033872.383	49.350
22745	1033921 733	44.050
22746	1033965.783	48.192
22747	1034013.975	45.400
22748	1034059.375	45.433
22749	1034104.808	45.717
22750	1034150.525	50.308
22751	1034200.833	47.192
22752	1034248.025	50.300
22753	1034298.325	50.767
22754	1034349.092	49.242
22755	1034398.333	50 433
22756	1034448.767	48 442
22757	1034497.208	46.683
22758	1034543.892	48.808
22759	1034592.700	49.092
22760	1034641.792	48.250
22761	1034690.042	49.433
22762	1034739.475	49.225
22763	1034788.700	49.142
22764	1034837.842	43.633
22765	1034881.475	44.017
22766	1034925.492	48.950
22767	1034974.442	36.742
22768	1035011.183	47.442
22769	1035058.625	48.592
22770	1035107.217	39.950
22771	1035147 167	49.075
22772	1035196.242	46.175
22773	1035242.417	51 317
22774	1035293.733	45.750
22775	1035339.483	48.783
22776	1035388.267	48.133
22777	1035436.400	48.067
22778	1035484.467	48.708
22779	1035533.175	48 733
22780	1035581.908	47.542
22781	1035629.450	47.425
22782	1035676.875	48.733
22783	1035725.608	49.800
22784	1035775.408	49.767
22785	1035825.175	47.783
22786	1035872.958	48 892
22787	1035921.850	48.758
22788	1035970.608	49.042
22789	1036019.650	43.242
22790	1036062.892	48.292
22791	1036111.183	47.175
22792	1036158.358	45.550
22793	1036203.908	49.825
22794	1036253.733	49.400

Weld	Distance (ft.)	Joint Length (ft.)
22795	1036303.133	49.292
22796	1036352.425	43.667
22797	1036396.092	47 233
22798	1036443.325	48.175
22799	1036491.500	48.092
22800	1036539.592	38.542
22801	1036578.133	49.558
22802	1036627.692	48.358
22803	1036676.050	47.142
22804	1036723.192	46.917
22805	1036770 108	43.275
22806	1036813.383	47.375
22807	1036860 758	49.625
22808	1036910.383	50.333
22809	1036960.717	46.408
22810	1037007.125	49.075
22811	1037056 200	48 900
22812	1037105 100	49.358
22813	1037154.458	50.392
22814	1037204.850	48.867
22815	1037253.717	47.808
22816	1037301.525	50.450
22817	1037351 975	50 758
22818	1037402.733	48.900
22819	1037451.633	43.217
22820	1037494.850	50.383
22821	1037545 233	49 367
22822	1037594 600	49.017
22823	1037643.617	2.000
22824	1037645.617	41.742
22825	1037687.358	4.750
22826	1037692.108	41.692
22827	1037733 800	5 517
22828	1037739.317	42.350
22829	1037781.667	3.917
22830	1037785.583	42 775
22831	1037828.358	7.567
22832	1037835.925	43.983
22833	1037879.908	38.317
22834	1037918.225	41 450
22835	1037959.675	42.858
22836	1038002.533	32.450
22837	1038034.983	42.558
22838	1038077.542	31 617
22839	1038109.158	36.242
22840	1038145.400	29.667
22841	1038175.067	44.067
22842	1038219.133	40.908
22843	1038260.042	42 600
22844	1038302.642	34.500
22845	1038337.142	42.508
22846	1038379 650	32 100
22847	1038411.750	34.525
22848	1038446.275	40.792
22849	1038487.067	42.558
22850	1038529 625	39.933
22851	1038569.558	41.425
22852	1038610.983	43.108

Weld	Distance (ft.)	Joint Length (ft.)
22853	1038654.092	42.633
22854	1038696.725	42.450
22855	1038739.175	41.858
22856	1038781.033	42.250
22857	1038823.283	41.017
22858	1038864.300	37.533
22859	1038901.833	42 108
22860	1038943.942	41.608
22861	1038985.550	43.850
22862	1039029.400	40.058
22863	1039069.458	37.467
22864	1039106.925	38.183
22865	1039145 108	44.758
22866	1039189.867	40.500
22867	1039230.367	32 300
22868	1039262.667	43.042
22869	1039305.708	43.367
22870	1039349.075	36.458
22871	1039385.533	44.100
22872	1039429 633	38.283
22873	1039467.917	40.092
22874	1039508.008	43.617
22875	1039551.625	41.142
22876	1039592.767	35.858
22877	1039628.625	42.392
22878	1039671.017	42.950
22879	1039713.967	42.483
22880	1039756.450	42.850
22881	1039799.300	44.300
22882	1039843.600	40.375
22883	1039883 975	43 483
22884	1039927.458	41.558
22885	1039969.017	44.650
22886	1040013.667	40.617
22887	1040054.283	39.983
22888	1040094.267	45.083
22889	1040139.350	43.150
22890	1040182.500	34.725
22891	1040217 225	42 800
22892	1040260 025	36 892
22893	1040296.917	43.808
22894	1040340.725	8.333
22895	1040349 058	44 275
22896	1040393 333	44 833
22897	1040438.167	44.125
22898	1040482.292	42.692
22899	1040524.983	42.758
22900	1040567.742	32.292
22901	1040600.033	36.333
22902	1040636.367	42.083
22903	1040678 450	43.033
22904	1040721.483	42 658
22905	1040764.142	35.208
22906	1040799.350	38.542
22907	1040837.892	41.625
22908	1040879 517	38 133
22909	1040917.650	42.233
22910	1040959.883	43.300

Weld	Distance (ft.)	Joint Length (ft.)
22911	1041003.183	43.158
22912	1041046.342	42.358
22913	1041088.700	34 975
22914	1041123.675	42.300
22915	1041165.975	42.783
22916	1041208.758	40.233
22917	1041248.992	42.258
22918	1041291.250	42.225
22919	1041333.475	43.317
22920	1041376.792	43.792
22921	1041420.583	42 475
22922	1041463.058	42.942
22923	1041506.000	40.542
22924	1041546.542	35.600
22925	1041582 142	41.975
22926	1041624.117	34.292
22927	1041658.408	43.400
22928	1041701.808	43.925
22929	1041745.733	42.650
22930	1041788.383	41.075
22931	1041829.458	43.667
22932	1041873.125	40.367
22933	1041913.492	40 800
22934	1041954.292	42 267
22935	1041996.558	35.975
22936	1042032.533	40.575
22937	1042073.108	41.325
22938	1042114.433	43 792
22939	1042158.225	39.675
22940	1042197.900	43.400
22941	1042241.300	40.233
22942	1042281 533	40.675
22943	1042322.208	42.717
22944	1042364.925	36 342
22945	1042401.267	43.075
22946	1042444.342	41.758
22947	1042486.100	25.467
22948	1042511.567	42.917
22949	1042554.483	39.958
22950	1042594 442	43.583
22951	1042638.025	41.675
22952	1042679.700	28 842
22953	1042708.542	43.583
22954	1042752.125	42.533
22955	1042794.658	43.208
22956	1042837.867	37.142
22957	1042875.008	42 725
22958	1042917.733	43.517
22959	1042961 250	42.008
22960	1043003.258	42.383
22961	1043045.642	42 583
22962	1043088.225	40.517
22963	1043128.742	43.292
22964	1043172 033	42.925
22965	1043214.958	44.200
22966	1043259.158	41.275
22967	1043300.433	41.050
22968	1043341.483	44.775

Weld	Distance (ft.)	Joint Length (ft.)
22969	1043386 258	43.633
22970	1043429.892	43 567
22971	1043473.458	34.775
22972	1043508.233	39.008
22973	1043547.242	43.092
22974	1043590.333	38.283
22975	1043628.617	41.467
22976	1043670.083	40.575
22977	1043710.658	32.275
22978	1043742.933	37.308
22979	1043780.242	37.050
22980	1043817 292	36.808
22981	1043854.100	39.617
22982	1043893.717	43.808
22983	1043937.525	29.525
22984	1043967.050	43.567
22985	1044010.617	36.250
22986	1044046 867	43.683
22987	1044090 550	39.483
22988	1044130.033	39.583
22989	1044169.617	44.208
22990	1044213.825	32.358
22991	1044246.183	43.067
22992	1044289.250	42.567
22993	1044331.817	43.375
22994	1044375 192	42.458
22995	1044417.650	42.150
22996	1044459.800	43.217
22997	1044503.017	41.817
22998	1044544.833	41.050
22999	1044585 883	39.267
23000	1044625.150	44 008
23001	1044669 158	35.542
23002	1044704.700	43.200
23003	1044747.900	41.367
23004	1044789.267	41.800
23005	1044831.067	43 242
23006	1044874.308	42 908
23007	1044917.217	35.558
23008	1044952.775	40.700
23009	1044993.475	42.350
23010	1045035.825	30.692
23011	1045066 517	43.742
23012	1045110.258	42 833
23013	1045153.092	31.975
23014	1045185.067	42.917
23015	1045227.983	43.658
23016	1045271.642	43 208
23017	1045314 850	43.367
23018	1045358.217	35.000
23019	1045393.217	41.333
23020	1045434.550	43.408
23021	1045477.958	42.550
23022	1045520 508	41 350
23023	1045561.858	40.842
23024	1045602.700	43.358
23025	1045646.058	42.942
23026	1045689 000	42.017

Weld	Distance (ft.)	Joint Length (ft.)
23027	1045731.017	41.575
23028	1045772.592	42.267
23029	1045814.858	39.725
23030	1045854.583	42.025
23031	1045896.608	41.117
23032	1045937.725	41.308
23033	1045979.033	37.800
23034	1046016.833	42.775
23035	1046059.608	42.767
23036	1046102.375	41.633
23037	1046144.008	41.925
23038	1046185.933	35.975
23039	1046221.908	42.258
23040	1046264.167	43.258
23041	1046307.425	38.108
23042	1046345 533	34.617
23043	1046380.150	38 150
23044	1046418.300	42.525
23045	1046460.825	43.733
23046	1046504.558	40.175
23047	1046544.733	42.667
23048	1046587.400	41 708
23049	1046629.108	36.625
23050	1046665 733	38.658
23051	1046704.392	40.783
23052	1046745.175	44.133
23053	1046789.308	42.858
23054	1046832.167	43.992
23055	1046876.158	40.025
23056	1046916.183	42.458
23057	1046958.642	40.883
23058	1046999.525	40.608
23059	1047040.133	42.150
23060	1047082.283	42.717
23061	1047125.000	36.458
23062	1047161.458	43.967
23063	1047205.425	43.575
23064	1047249.000	42.050
23065	1047291.050	43.275
23066	1047334.325	35.333
23067	1047369.658	39.650
23068	1047409.308	42.092
23069	1047451.400	42.950
23070	1047494.350	40.750
23071	1047535.100	43.083
23072	1047578.183	38 817
23073	1047617.000	43.892
23074	1047660.892	42.925
23075	1047703.817	38.392
23076	1047742.208	41.125
23077	1047783.333	40.483
23078	1047823.817	42.658
23079	1047866.475	38.025
23080	1047904.500	43 475
23081	1047947.975	41.133
23082	1047989.108	41.533
23083	1048030.642	44.150
23084	1048074.792	42.217

Weld	Distance (ft.)	Joint Length (ft.)
23085	1048117.008	42 983
23086	1048159.992	40.642
23087	1048200.633	40.125
23088	1048240.758	41.742
23089	1048282.500	44.250
23090	1048326.750	44.333
23091	1048371 083	42.692
23092	1048413 775	13.983
23093	1048427.758	44.508
23094	1048472.267	43.233
23095	1048515.500	42.342
23096	1048557.842	40.708
23097	1048598.550	41.058
23098	1048639.608	40.692
23099	1048680.300	35.617
23100	1048715 917	42.475
23101	1048758.392	43.450
23102	1048801.842	42.467
23103	1048844.308	41.267
23104	1048885.575	39.950
23105	1048925.525	41.175
23106	1048966.700	42.442
23107	1049009.142	45.225
23108	1049054.367	40.725
23109	1049095.092	43.233
23110	1049138.325	40.233
23111	1049178.558	42.500
23112	1049221.058	42.458
23113	1049263.517	43.917
23114	1049307.433	41.850
23115	1049349.283	43.408
23116	1049392.692	40.900
23117	1049433.592	38.642
23118	1049472.233	35.133
23119	1049507.367	31.475
23120	1049538.842	42.642
23121	1049581.483	33.600
23122	1049615.083	35.067
23123	1049650.150	43.667
23124	1049693.817	28.150
23125	1049721 967	36.658
23126	1049758 625	40.683
23127	1049799.308	42.917
23128	1049842.225	44.267
23129	1049886.492	37.275
23130	1049923.767	43.025
23131	1049966.792	43.600
23132	1050010.392	41.592
23133	1050051.983	26.300
23134	1050078.283	5.017
23135	1050083.300	44.658
23136	1050127.958	44.067
23137	1050172.025	37.808
23138	1050209.833	44 042
23139	1050253.875	32.817
23140	1050286.692	42.208
23141	1050328.900	41.275
23142	1050370.175	42 475

Weld	Distance (ft.)	Joint Length (ft.)
23143	1050412.650	27.017
23144	1050439.667	43 375
23145	1050483.042	34.467
23146	1050517.508	42.775
23147	1050560.283	42.825
23148	1050603.108	26.667
23149	1050629 775	43.717
23150	1050673 492	41.108
23151	1050714.600	42.925
23152	1050757.525	41.575
23153	1050799.100	42.758
23154	1050841.858	40.275
23155	1050882.133	39.383
23156	1050921.517	42.742
23157	1050964.258	44.250
23158	1051008.508	42.667
23159	1051051.175	39.217
23160	1051090.392	43.142
23161	1051133.533	18.283
23162	1051151.817	23.425
23163	1051175.242	43.358
23164	1051218.600	43 342
23165	1051261.942	42.075
23166	1051304.017	43.808
23167	1051347.825	42.725
23168	1051390.550	42.142
23169	1051432.692	42.258
23170	1051474.950	42.417
23171	1051517.367	43.133
23172	1051560.500	38 133
23173	1051598.633	42.767
23174	1051641.400	42.808
23175	1051684.208	42.717
23176	1051726.925	17 975
23177	1051744.900	42.792
23178	1051787.692	42.433
23179	1051830.125	43.625
23180	1051873.750	35.050
23181	1051908.800	42.242
23182	1051951.042	40.508
23183	1051991.550	42.800
23184	1052034.350	20 567
23185	1052054.917	42.242
23186	1052097.158	43.550
23187	1052140.708	43 175
23188	1052183.883	41 725
23189	1052225 608	39.150
23190	1052264.758	40.133
23191	1052304.892	40 350
23192	1052345.242	42.433
23193	1052387.675	42.033
23194	1052429.708	40.708
23195	1052470.417	42.917
23196	1052513 333	43.075
23197	1052556.408	45.500
23198	1052601.908	41.950
23199	1052643 858	41.442
23200	1052685.300	43.292

Weld	Distance (ft.)	Joint Length (ft.)
23201	1052728.592	37.200
23202	1052765 792	43.917
23203	1052809.708	42.967
23204	1052852.675	43 300
23205	1052895.975	41.333
23206	1052937.308	26.275
23207	1052963.583	41.583
23208	1053005.167	42.817
23209	1053047 983	44.450
23210	1053092 433	42.283
23211	1053134.717	33.358
23212	1053168.075	42.650
23213	1053210.725	42.333
23214	1053253.058	35.350
23215	1053288.408	38.367
23216	1053326.775	41 275
23217	1053368.050	32.450
23218	1053400.500	42.017
23219	1053442.517	41.467
23220	1053483 983	40.975
23221	1053524 958	1.983
23222	1053526.942	47.375
23223	1053574.317	50.567
23224	1053624 883	39.767
23225	1053664.650	53.008
23226	1053717.658	48.225
23227	1053765.883	48.992
23228	1053814.875	48.983
23229	1053863.858	52 350
23230	1053916.208	50.492
23231	1053966.700	50.325
23232	1054017.025	49.525
23233	1054066 550	51.175
23234	1054117 725	49.875
23235	1054167.600	29 783
23236	1054197.383	46.042
23237	1054243.425	50.483
23238	1054293.908	49 592
23239	1054343.500	50.183
23240	1054393.683	49.717
23241	1054443 400	50.192
23242	1054493.592	49 233
23243	1054542.825	50.642
23244	1054593.467	45.283
23245	1054638 750	48.392
23246	1054687.142	50 725
23247	1054737.867	51.150
23248	1054789 017	49.825
23249	1054838 842	45.992
23250	1054884.833	49.875
23251	1054934.708	48.983
23252	1054983 692	47.150
23253	1055030 842	49 975
23254	1055080.817	46.792
23255	1055127.608	50.642
23256	1055178 250	49.792
23257	1055228.042	47.125
23258	1055275.167	49.942

Weld	Distance (ft.)	Joint Length (ft.)
23259	1055325.108	49.717
23260	1055374.825	48 225
23261	1055423.050	45.617
23262	1055468.667	50.333
23263	1055519.000	50.425
23264	1055569.425	49.517
23265	1055618.942	48.750
23266	1055667.692	46.983
23267	1055714.675	45.125
23268	1055759.800	48.517
23269	1055808.317	49.725
23270	1055858.042	49.850
23271	1055907.892	49.042
23272	1055956.933	47.200
23273	1056004.133	42.258
23274	1056046.392	48.150
23275	1056094.542	50.350
23276	1056144.892	49.850
23277	1056194.742	50.767
23278	1056245 508	50.225
23279	1056295 733	50.767
23280	1056346.500	52.983
23281	1056399.483	48.383
23282	1056447.867	37.883
23283	1056485 750	46.508
23284	1056532.258	50 250
23285	1056582.508	46.308
23286	1056628.817	48.250
23287	1056677.067	48.383
23288	1056725 450	37.508
23289	1056762.958	44.617
23290	1056807.575	45.833
23291	1056853.408	48.725
23292	1056902.133	50.483
23293	1056952.617	44.433
23294	1056997.050	36.800
23295	1057033.850	41.292
23296	1057075.142	47.283
23297	1057122.425	44.150
23298	1057166.575	48.133
23299	1057214 708	50.017
23300	1057264.725	45 617
23301	1057310 342	48.167
23302	1057358.508	48.142
23303	1057406.650	52.467
23304	1057459.117	48.758
23305	1057507.875	50.308
23306	1057558.183	49.808
23307	1057607.992	45.250
23308	1057653.242	49.908
23309	1057703.150	48.850
23310	1057752 000	41.000
23311	1057793.000	50.058
23312	1057843 058	40.275
23313	1057883.333	40.067
23314	1057923.400	50.642
23315	1057974.042	49 933
23316	1058023 975	49.683

Weld	Distance (ft.)	Joint Length (ft.)
23317	1058073.658	50.867
23318	1058124.525	49.308
23319	1058173.833	47.058
23320	1058220.892	47.783
23321	1058268.675	50.358
23322	1058319.033	45.458
23323	1058364.492	48.483
23324	1058412.975	39.075
23325	1058452.050	48.650
23326	1058500.700	49.142
23327	1058549.842	47.725
23328	1058597.567	48.700
23329	1058646.267	46.783
23330	1058693.050	49.092
23331	1058742.142	50.033
23332	1058792.175	49.242
23333	1058841.417	49.933
23334	1058891.350	48.992
23335	1058940.342	50.708
23336	1058991.050	50.800
23337	1059041.850	50.117
23338	1059091.967	49.342
23339	1059141.308	45.833
23340	1059187.142	43.025
23341	1059230.167	45.242
23342	1059275.408	49.592
23343	1059325.000	49.300
23344	1059374.300	46.892
23345	1059421.192	50.292
23346	1059471.483	49.000
23347	1059520.483	44.958
23348	1059565.442	50.250
23349	1059615.692	47.333
23350	1059663 025	47.808
23351	1059710.833	47.767
23352	1059758.600	48.592
23353	1059807 192	47 067
23354	1059854 258	49 992
23355	1059904.250	50.367
23356	1059954.617	50.583
23357	1060005.200	46.017
23358	1060051 217	42.533
23359	1060093.750	51.408
23360	1060145.158	51.567
23361	1060196.725	48.875
23362	1060245.600	49.400
23363	1060295.000	49.233
23364	1060344.233	49.042
23365	1060393 275	51 200
23366	1060444.475	51.225
23367	1060495.700	43.317
23368	1060539 017	33 875
23369	1060572 892	49.442
23370	1060622.333	50.550
23371	1060672.883	47.542
23372	1060720.425	48.350
23373	1060768.775	49.775
23374	1060818.550	36.325

Weld	Distance (ft.)	Joint Length (ft.)
23375	1060854 875	50 100
23376	1060904.975	49.167
23377	1060954.142	49.883
23378	1061004 025	47 658
23379	1061051.683	51.125
23380	1061102.808	46.633
23381	1061149 442	49 992
23382	1061199.433	46 658
23383	1061246 092	51 058
23384	1061297.150	48.383
23385	1061345.533	48.683
23386	1061394.217	49 292
23387	1061443.508	48.875
23388	1061492.383	46.450
23389	1061538.833	46.675
23390	1061585.508	48.858
23391	1061634.367	49.133
23392	1061683.500	45.400
23393	1061728 900	49 142
23394	1061778.042	50 258
23395	1061828.300	49.058
23396	1061877 358	46.017
23397	1061923 375	50 675
23398	1061974.050	49.750
23399	1062023 800	44 892
23400	1062068.692	45.408
23401	1062114.100	50.242
23402	1062164.342	45.133
23403	1062209.475	49.717
23404	1062259.192	48.567
23405	1062307.758	50.342
23406	1062358.100	50.125
23407	1062408.225	45.408
23408	1062453.633	49.408
23409	1062503.042	48.067
23410	1062551.108	50.750
23411	1062601.858	45.508
23412	1062647.367	48.500
23413	1062695.867	47.950
23414	1062743.817	51.158
23415	1062794.975	48.867
23416	1062843.842	50.683
23417	1062894.525	45 717
23418	1062940.242	45 492
23419	1062985 733	52.258
23420	1063037.992	49.875
23421	1063087.867	45.342
23422	1063133.208	44.500
23423	1063177.708	46.217
23424	1063223.925	49.950
23425	1063273.875	49.400
23426	1063323.275	45.658
23427	1063368.933	45.683
23428	1063414.617	45.117
23429	1063459.733	49.350
23430	1063509.083	50.492
23431	1063559.575	50.225
23432	1063609.800	48.617

Weld	Distance (ft.)	Joint Length (ft.)
23433	1063658.417	43.050
23434	1063701.467	48.133
23435	1063749 600	50.833
23436	1063800.433	45.583
23437	1063846.017	45.000
23438	1063891.017	49.817
23439	1063940.833	45.600
23440	1063986.433	45.817
23441	1064032.250	49.517
23442	1064081.767	47.058
23443	1064128.825	49.383
23444	1064178.208	49.917
23445	1064228 125	45.717
23446	1064273.842	49.192
23447	1064323.033	42.825
23448	1064365.858	48.592
23449	1064414.450	51.025
23450	1064465.475	47.992
23451	1064513.467	46.992
23452	1064560 458	45.250
23453	1064605.708	50.483
23454	1064656.192	44.117
23455	1064700.308	44.183
23456	1064744.492	49.233
23457	1064793 725	48.175
23458	1064841.900	49.392
23459	1064891.292	45.625
23460	1064936.917	46.608
23461	1064983 525	46.367
23462	1065029.892	40 000
23463	1065069 892	49.992
23464	1065119.883	50.733
23465	1065170.617	45 967
23466	1065216.583	48.625
23467	1065265.208	47.308
23468	1065312.517	49.442
23469	1065361.958	45.800
23470	1065407.758	38 650
23471	1065446.408	46.633
23472	1065493.042	45.708
23473	1065538.750	51.167
23474	1065589.917	48.400
23475	1065638.317	49.133
23476	1065687.450	47.367
23477	1065734 817	50.842
23478	1065785.658	45.442
23479	1065831.100	45.242
23480	1065876.342	49.133
23481	1065925.475	48.458
23482	1065973.933	48.383
23483	1066022.317	45.867
23484	1066068.183	48.983
23485	1066117.167	45.642
23486	1066162.808	43.408
23487	1066206.217	45 600
23488	1066251.817	46.142
23489	1066297 958	49.517
23490	1066347.475	49.675

Weld	Distance (ft.)	Joint Length (ft.)
23491	1066397.150	43.942
23492	1066441.092	50.417
23493	1066491 508	45.950
23494	1066537.458	46.833
23495	1066584.292	50 550
23496	1066634 842	36.967
23497	1066671.808	45.217
23498	1066717.025	45.683
23499	1066762.708	45.900
23500	1066808.608	49.675
23501	1066858.283	46.375
23502	1066904.658	48.825
23503	1066953.483	32.992
23504	1066986.475	34.375
23505	1067020.850	48.667
23506	1067069.517	48 667
23507	1067118.183	50.883
23508	1067169.067	43.292
23509	1067212.358	46.650
23510	1067259.008	49.025
23511	1067308.033	46.292
23512	1067354.325	45.700
23513	1067400.025	45.692
23514	1067445.717	44.117
23515	1067489.833	50.667
23516	1067540.500	50.517
23517	1067591.017	44.742
23518	1067635.758	46.150
23519	1067681.908	51.142
23520	1067733 050	50.400
23521	1067783.450	48.025
23522	1067831.475	50.583
23523	1067882.058	49.217
23524	1067931.275	44.475
23525	1067975.750	46.550
23526	1068022.300	47.908
23527	1068070.208	47.692
23528	1068117.900	47.033
23529	1068164.933	46.642
23530	1068211.575	49.533
23531	1068261.108	46.883
23532	1068307 992	8.983
23533	1068316.975	20.992
23534	1068337.967	22.583
23535	1068360.550	46.017
23536	1068406.567	50.642
23537	1068457.208	37.292
23538	1068494.500	23.067
23539	1068517.567	49.308
23540	1068566.875	50.342
23541	1068617.217	44.342
23542	1068661.558	50.575
23543	1068712.133	46.200
23544	1068758.333	30.158
23545	1068788.492	11.950
23546	1068800 442	3.067
23547	1068803.508	41.742
23548	1068845.250	4.958

Weld	Distance (ft.)	Joint Length (ft.)
23549	1068850.208	5.392
23550	1068855.600	3.783
23551	1068859.383	1 717
23552	1068861.100	3.508
23553	1068864 608	1.658
23554	1068866.267	34.558
23555	1068900.825	51.058
23556	1068951.883	50.150
23557	1069002.033	46.625
23558	1069048.658	50.200
23559	1069098.858	45.733
23560	1069144.592	45.258
23561	1069189.850	50.125
23562	1069239.975	49.092
23563	1069289 067	49.467
23564	1069338.533	46 417
23565	1069384.950	47.625
23566	1069432.575	50.408
23567	1069482.983	48.875
23568	1069531.858	44.458
23569	1069576.317	49.475
23570	1069625.792	46.483
23571	1069672 275	48.092
23572	1069720 367	44.800
23573	1069765.167	46.650
23574	1069811.817	49.317
23575	1069861.133	49.275
23576	1069910.408	50.042
23577	1069960.450	49.825
23578	1070010.275	45.283
23579	1070055 558	47.617
23580	1070103.175	49.500
23581	1070152.675	47.675
23582	1070200.350	45.375
23583	1070245.725	49.700
23584	1070295 425	44.892
23585	1070340.317	51.025
23586	1070391.342	45.633
23587	1070436.975	39.975
23588	1070476.950	45.858
23589	1070522.808	49.658
23590	1070572.467	48.258
23591	1070620.725	44 842
23592	1070665.567	46.008
23593	1070711.575	46.725
23594	1070758.300	47.358
23595	1070805.658	50.442
23596	1070856.100	49.325
23597	1070905.425	50.042
23598	1070955.467	47 108
23599	1071002.575	50.133
23600	1071052 708	50.842
23601	1071103.550	20.375
23602	1071123.925	43 158
23603	1071167.083	45.550
23604	1071212.633	46.825
23605	1071259.458	27.983
23606	1071287.442	48.808

Weld	Distance (ft.)	Joint Length (ft.)
23607	1071336.250	47.983
23608	1071384.233	44.092
23609	1071428.325	42.992
23610	1071471.317	46.450
23611	1071517.767	47.767
23612	1071565.533	33.858
23613	1071599.392	48.325
23614	1071647 717	49.625
23615	1071697.342	49.425
23616	1071746 767	44.225
23617	1071790.992	44.325
23618	1071835.317	49.258
23619	1071884.575	46 417
23620	1071930.992	48.408
23621	1071979.400	48.158
23622	1072027.558	47.425
23623	1072074.983	49.000
23624	1072123.983	45.658
23625	1072169.642	49.708
23626	1072219 350	45.175
23627	1072264.525	43.950
23628	1072308 475	44.000
23629	1072352.475	2.017
23630	1072354.492	42.875
23631	1072397.367	44.583
23632	1072441 950	41.408
23633	1072483.358	42.842
23634	1072526.200	43.933
23635	1072570.133	35 483
23636	1072605.617	41.883
23637	1072647.500	45.208
23638	1072692.708	39.200
23639	1072731 908	37.367
23640	1072769 275	36.225
23641	1072805.500	40 583
23642	1072846.083	42.558
23643	1072888 642	40.992
23644	1072929.633	40.100
23645	1072969 733	43.217
23646	1073012 950	42.967
23647	1073055.917	43.183
23648	1073099.100	43.825
23649	1073142 925	41.883
23650	1073184.808	40.250
23651	1073225.058	43.208
23652	1073268.267	42.908
23653	1073311.175	42.633
23654	1073353.808	42.517
23655	1073396.325	43.608
23656	1073439.933	44.033
23657	1073483.967	43.475
23658	1073527.442	42 308
23659	1073569 750	40.125
23660	1073609 875	40.883
23661	1073650.758	34.808
23662	1073685.567	43.358
23663	1073728.925	41.950
23664	1073770.875	43.067

Weld	Distance (ft.)	Joint Length (ft.)
23665	1073813.942	42.533
23666	1073856.475	41.883
23667	1073898 358	41.425
23668	1073939.783	40.708
23669	1073980.492	34.700
23670	1074015.192	32.033
23671	1074047.225	42.292
23672	1074089.517	41.017
23673	1074130.533	44.558
23674	1074175.092	43.883
23675	1074218.975	38.575
23676	1074257.550	38.892
23677	1074296.442	41.042
23678	1074337.483	41.258
23679	1074378.742	42.650
23680	1074421.392	42.850
23681	1074464.242	37.725
23682	1074501.967	40 392
23683	1074542.358	43 725
23684	1074586.083	43.500
23685	1074629.583	43.058
23686	1074672.642	37.400
23687	1074710.042	32.067
23688	1074742.108	31 125
23689	1074773.233	40 367
23690	1074813.600	34 017
23691	1074847.617	31.575
23692	1074879.192	26.633
23693	1074905.825	42.192
23694	1074948.017	36.550
23695	1074984.567	41 650
23696	1075026.217	41.500
23697	1075067.717	36.433
23698	1075104.150	39.892
23699	1075144.042	43 100
23700	1075187.142	36.550
23701	1075223 692	43.700
23702	1075267.392	41.358
23703	1075308.750	41.633
23704	1075350.383	43.650
23705	1075394 033	42.700
23706	1075436 733	42.808
23707	1075479.542	37.750
23708	1075517.292	36.008
23709	1075553.300	43.942
23710	1075597.242	39.933
23711	1075637 175	42.050
23712	1075679.225	33.092
23713	1075712.317	44.292
23714	1075756.608	44.075
23715	1075800 683	43.908
23716	1075844 592	43.275
23717	1075887.867	43.017
23718	1075930.883	43.975
23719	1075974.858	42.867
23720	1076017 725	43.367
23721	1076061.092	44.200
23722	1076105.292	42.425

Weld	Distance (ft.)	Joint Length (ft.)
23723	1076147.717	43.508
23724	1076191.225	44 508
23725	1076235.733	43.642
23726	1076279.375	42.275
23727	1076321.650	43.617
23728	1076365.267	43.208
23729	1076408.475	42.675
23730	1076451.150	42.783
23731	1076493.933	11.167
23732	1076505.100	13 492
23733	1076518.592	43.800
23734	1076562.392	29.825
23735	1076592.217	42.967
23736	1076635.183	34.383
23737	1076669.567	36.375
23738	1076705.942	23.417
23739	1076729.358	43.475
23740	1076772 833	43.908
23741	1076816.742	43.325
23742	1076860.067	42.617
23743	1076902.683	41.550
23744	1076944.233	43.475
23745	1076987.708	43.083
23746	1077030 792	42.183
23747	1077072 975	45.000
23748	1077117.975	43.158
23749	1077161.133	44.308
23750	1077205.442	42.558
23751	1077248.000	43.250
23752	1077291.250	43.633
23753	1077334.883	39.408
23754	1077374.292	40.550
23755	1077414.842	43.500
23756	1077458.342	34.875
23757	1077493.217	35.725
23758	1077528.942	42.058
23759	1077571.000	43.817
23760	1077614.817	44.058
23761	1077658.875	43.800
23762	1077702.675	41.808
23763	1077744 483	42.992
23764	1077787.475	42.383
23765	1077829.858	42.325
23766	1077872.183	42.825
23767	1077915.008	41.792
23768	1077956.800	40 183
23769	1077996.983	39.442
23770	1078036.425	45.825
23771	1078082.250	43.167
23772	1078125.417	41 517
23773	1078166.933	41 000
23774	1078207.933	36.942
23775	1078244.875	42.817
23776	1078287.692	41.758
23777	1078329.450	41.850
23778	1078371.300	42.942
23779	1078414.242	43.100
23780	1078457.342	43 650

Weld	Distance (ft.)	Joint Length (ft.)
23781	1078500.992	39.958
23782	1078540.950	42.042
23783	1078582.992	40.225
23784	1078623.217	43.458
23785	1078666.675	42.042
23786	1078708.717	42.567
23787	1078751.283	42.033
23788	1078793.317	43.375
23789	1078836.692	43.042
23790	1078879.733	40.283
23791	1078920.017	43.000
23792	1078963.017	41.658
23793	1079004.675	42.450
23794	1079047.125	44.275
23795	1079091.400	42.250
23796	1079133.650	42.983
23797	1079176.633	42.983
23798	1079219.617	37.425
23799	1079257.042	42.333
23800	1079299.375	41.508
23801	1079340.883	43.042
23802	1079383.925	27.992
23803	1079411.917	41.925
23804	1079453.842	42.942
23805	1079496.783	37.033
23806	1079533.817	42.300
23807	1079576.117	42.575
23808	1079618.692	43.042
23809	1079661.733	32.658
23810	1079694.392	41.950
23811	1079736 342	42.600
23812	1079778.942	40 850
23813	1079819.792	44.842
23814	1079864.633	43.125
23815	1079907.758	44.175
23816	1079951.933	24.250
23817	1079976.183	44.917
23818	1080021.100	42.742
23819	1080063.842	42.758
23820	1080106.600	42.425
23821	1080149.025	36.983
23822	1080186.008	44.025
23823	1080230.033	40.075
23824	1080270.108	42.867
23825	1080312.975	44.433
23826	1080357.408	44.775
23827	1080402 183	43.525
23828	1080445.708	44 425
23829	1080490.133	44.617
23830	1080534.750	42.075
23831	1080576.825	43.083
23832	1080619 908	43.850
23833	1080663.758	32.392
23834	1080696.150	41.825
23835	1080737.975	44.317
23836	1080782.292	43.167
23837	1080825.458	43.100
23838	1080868.558	43.025

Weld	Distance (ft.)	Joint Length (ft.)
23839	1080911.583	43 325
23840	1080954.908	43.550
23841	1080998.458	42.275
23842	1081040.733	41 583
23843	1081082.317	43.417
23844	1081125.733	41.217
23845	1081166.950	40.567
23846	1081207.517	41.692
23847	1081249.208	41.150
23848	1081290.358	43.600
23849	1081333.958	42.400
23850	1081376.358	42.525
23851	1081418.883	43.133
23852	1081462.017	43.475
23853	1081505.492	40.950
23854	1081546.442	39.683
23855	1081586.125	43.050
23856	1081629.175	43.708
23857	1081672.883	42.958
23858	1081715.842	43.533
23859	1081759.375	41.775
23860	1081801.150	42.733
23861	1081843.883	44.000
23862	1081887.883	42.883
23863	1081930.767	39.725
23864	1081970.492	36.233
23865	1082006.725	42.350
23866	1082049.075	41.267
23867	1082090 342	36 583
23868	1082126.925	42.108
23869	1082169.033	41.992
23870	1082211.025	37.142
23871	1082248.167	41.692
23872	1082289.858	42.625
23873	1082332.483	41.217
23874	1082373 700	40 158
23875	1082413.858	20.958
23876	1082434 817	39 467
23877	1082474.283	43.242
23878	1082517.525	42.908
23879	1082560.433	40.250
23880	1082600.683	39.892
23881	1082640.575	41.550
23882	1082682.125	31.733
23883	1082713.858	30.250
23884	1082744.108	50.125
23885	1082794 233	45.592
23886	1082839.825	45.592
23887	1082885.417	47.817
23888	1082933.233	49.825
23889	1082983 058	48 417
23890	1083031.475	43.400
23891	1083074.875	48.750
23892	1083123.625	46.342
23893	1083169.967	43.767
23894	1083213.733	47.908
23895	1083261.642	48.833
23896	1083310.475	46.708

Weld	Distance (ft.)	Joint Length (ft.)
23897	1083357.183	45.783
23898	1083402 967	34.183
23899	1083437.150	48.117
23900	1083485.267	49.925
23901	1083535.192	49.992
23902	1083585.183	46.342
23903	1083631.525	43.792
23904	1083675.317	43.533
23905	1083718.850	48.917
23906	1083767.767	49.525
23907	1083817.292	48.767
23908	1083866.058	48.567
23909	1083914.625	45.917
23910	1083960.542	50.392
23911	1084010.933	45.317
23912	1084056.250	50.492
23913	1084106.742	49.258
23914	1084156.000	47.142
23915	1084203.142	51.467
23916	1084254.608	49.083
23917	1084303.692	49.508
23918	1084353.200	45.467
23919	1084398.667	49.683
23920	1084448 350	44.200
23921	1084492.550	49.175
23922	1084541.725	49.125
23923	1084590 850	49 017
23924	1084639.867	46.992
23925	1084686.858	45.100
23926	1084731.958	48.708
23927	1084780.667	51.200
23928	1084831.867	46.275
23929	1084878.142	49.458
23930	1084927.600	50.233
23931	1084977.833	50.050
23932	1085027.883	46.117
23933	1085074 000	49.442
23934	1085123.442	48 775
23935	1085172.217	47.017
23936	1085219.233	50.158
23937	1085269.392	50.258
23938	1085319.650	47.250
23939	1085366 900	47.425
23940	1085414.325	48.967
23941	1085463.292	48.592
23942	1085511 883	42.817
23943	1085554 700	45 808
23944	1085600.508	47.558
23945	1085648.067	48.925
23946	1085696.992	44.125
23947	1085741.117	20.092
23948	1085761.208	49.683
23949	1085810.892	49.558
23950	1085860.450	48.308
23951	1085908.758	48.475
23952	1085957.233	25.692
23953	1085982.925	47.525
23954	1086030 450	45.192

Weld	Distance (ft.)	Joint Length (ft.)
23955	1086075.642	47.150
23956	1086122.792	45.667
23957	1086168.458	46.775
23958	1086215 233	15.700
23959	1086230.933	50.900
23960	1086281.833	49.450
23961	1086331.283	36.925
23962	1086368.208	50.633
23963	1086418.842	50.058
23964	1086468.900	49.367
23965	1086518.267	50.583
23966	1086568 850	49.817
23967	1086618.667	45.875
23968	1086664.542	35.525
23969	1086700.067	49.925
23970	1086749.992	25.250
23971	1086775.242	49.458
23972	1086824.700	49.167
23973	1086873.867	48.925
23974	1086922.792	24.417
23975	1086947.208	50.325
23976	1086997.533	47.750
23977	1087045.283	39.333
23978	1087084 617	48.392
23979	1087133.008	50.167
23980	1087183.175	48 400
23981	1087231.575	49.508
23982	1087281.083	46.967
23983	1087328.050	51.050
23984	1087379.100	46.725
23985	1087425.825	46.650
23986	1087472.475	48.683
23987	1087521.158	46 667
23988	1087567.825	49.258
23989	1087617.083	45.600
23990	1087662 683	50 667
23991	1087713.350	47.750
23992	1087761 100	48.258
23993	1087809.358	50.625
23994	1087859.983	45.758
23995	1087905.742	45.267
23996	1087951.008	49.050
23997	1088000.058	43.125
23998	1088043.183	50.758
23999	1088093.942	49.633
24000	1088143.575	51.492
24001	1088195.067	50.550
24002	1088245 617	49 667
24003	1088295.283	50.292
24004	1088345.575	50.733
24005	1088396.308	50.358
24006	1088446.667	50 992
24007	1088497.658	44.508
24008	1088542.167	49.758
24009	1088591.925	47.392
24010	1088639.317	49.717
24011	1088689 033	48.650
24012	1088737.683	28.758

Weld	Distance (ft.)	Joint Length (ft.)
24013	1088766.442	48.717
24014	1088815.158	37.567
24015	1088852.725	50 275
24016	1088903.000	50.692
24017	1088953.692	50.267
24018	1089003.958	50.642
24019	1089054.600	50.392
24020	1089104.992	47.525
24021	1089152.517	28.992
24022	1089181.508	49.767
24023	1089231.275	50 092
24024	1089281.367	50.733
24025	1089332.100	45.608
24026	1089377.708	49.875
24027	1089427.583	49.725
24028	1089477.308	50.042
24029	1089527.350	47.750
24030	1089575 100	48 900
24031	1089624.000	52.800
24032	1089676.800	33.350
24033	1089710.150	45.333
24034	1089755.483	48.750
24035	1089804.233	49.817
24036	1089854.050	50.575
24037	1089904.625	50 825
24038	1089955.450	49 992
24039	1090005.442	49.650
24040	1090055.092	51.067
24041	1090106.158	51.467
24042	1090157.625	45.258
24043	1090202.883	48.583
24044	1090251.467	48.933
24045	1090300.400	48.575
24046	1090348.975	45.425
24047	1090394 400	45.733
24048	1090440 133	49.000
24049	1090489 133	48.883
24050	1090538.017	49.600
24051	1090587.617	37.842
24052	1090625.458	46.067
24053	1090671 525	49.542
24054	1090721 067	44.600
24055	1090765.667	46 175
24056	1090811.842	51.008
24057	1090862.850	41.758
24058	1090904 608	50.792
24059	1090955.400	44.917
24060	1091000.317	44 442
24061	1091044.758	50.833
24062	1091095.592	45.075
24063	1091140.667	45.600
24064	1091186 267	50.308
24065	1091236.575	49.817
24066	1091286.392	45.417
24067	1091331.808	45.200
24068	1091377 008	46.358
24069	1091423 367	50.883
24070	1091474.250	46.992

Weld	Distance (ft.)	Joint Length (ft.)
24071	1091521.242	45.492
24072	1091566.733	47.700
24073	1091614 433	46.125
24074	1091660.558	44.975
24075	1091705.533	46.608
24076	1091752.142	46.225
24077	1091798.367	45.583
24078	1091843.950	46.225
24079	1091890.175	43.117
24080	1091933.292	49.883
24081	1091983.175	50.942
24082	1092034.117	46.292
24083	1092080.408	46.383
24084	1092126.792	45.725
24085	1092172.517	44.550
24086	1092217.067	47.750
24087	1092264.817	45.958
24088	1092310.775	45.617
24089	1092356.392	50.750
24090	1092407.142	44.333
24091	1092451.475	49.617
24092	1092501.092	48.967
24093	1092550.058	37.875
24094	1092587 933	50.608
24095	1092638 542	46.017
24096	1092684.558	49.242
24097	1092733.800	45.592
24098	1092779.392	46.250
24099	1092825.642	49.300
24100	1092874 942	46.083
24101	1092921.025	45.008
24102	1092966.033	46 767
24103	1093012.800	51.658
24104	1093064.458	35.817
24105	1093100.275	44.942
24106	1093145.217	37.533
24107	1093182.750	49.992
24108	1093232.742	50.025
24109	1093282.767	46.183
24110	1093328.950	42.533
24111	1093371.483	45.200
24112	1093416.683	46.375
24113	1093463.058	46.042
24114	1093509.100	40.517
24115	1093549 617	48.925
24116	1093598.542	48.225
24117	1093646.767	49.667
24118	1093696.433	49.658
24119	1093746.092	43.917
24120	1093790.008	45.008
24121	1093835.017	50.333
24122	1093885.350	45.850
24123	1093931.200	46.925
24124	1093978.125	37.292
24125	1094015.417	45.850
24126	1094061.267	50.200
24127	1094111.467	49.558
24128	1094161.025	46.067

Weld	Distance (ft.)	Joint Length (ft.)
24129	1094207.092	47.667
24130	1094254.758	50.583
24131	1094305.342	43.283
24132	1094348.625	40.967
24133	1094389.592	48.842
24134	1094438.433	45 583
24135	1094484 017	46.592
24136	1094530.608	49.167
24137	1094579.775	47.400
24138	1094627.175	46.525
24139	1094673.700	44.125
24140	1094717.825	45.900
24141	1094763.725	45.492
24142	1094809 217	50.600
24143	1094859.817	39.642
24144	1094899.458	50.758
24145	1094950.217	46.708
24146	1094996.925	46.325
24147	1095043.250	45.733
24148	1095088.983	45.308
24149	1095134.292	50.725
24150	1095185.017	49.150
24151	1095234.167	40.925
24152	1095275.092	45.208
24153	1095320.300	45.392
24154	1095365.692	48.517
24155	1095414.208	47.833
24156	1095462.042	45.450
24157	1095507.492	47.292
24158	1095554.783	46.150
24159	1095600.933	49.000
24160	1095649.933	44 025
24161	1095693.958	46.117
24162	1095740 075	46.417
24163	1095786.492	45.333
24164	1095831.825	47.217
24165	1095879.042	45.800
24166	1095924.842	49.667
24167	1095974 508	47.908
24168	1096022.417	45.850
24169	1096068.267	45.808
24170	1096114.075	45.058
24171	1096159.133	46.808
24172	1096205.942	49.308
24173	1096255.250	44.033
24174	1096299.283	48.392
24175	1096347.675	49.450
24176	1096397.125	49.758
24177	1096446.883	44 733
24178	1096491.617	46.250
24179	1096537.867	43.783
24180	1096581.650	44.558
24181	1096626.208	49.925
24182	1096676 133	50.208
24183	1096726.342	46.992
24184	1096773.333	46.667
24185	1096820.000	39.983
24186	1096859 983	48.867

Weld	Distance (ft.)	Joint Length (ft.)
24187	1096908.850	45.908
24188	1096954.758	45.658
24189	1097000.417	44.417
24190	1097044.833	50.725
24191	1097095.558	46.933
24192	1097142.492	51.250
24193	1097193.742	46.825
24194	1097240.567	48.925
24195	1097289.492	44.383
24196	1097333 875	38 150
24197	1097372.025	50 717
24198	1097422.742	49.658
24199	1097472 400	49.817
24200	1097522.217	45.450
24201	1097567.667	48.492
24202	1097616.158	49.508
24203	1097665.667	48.567
24204	1097714 233	50.642
24205	1097764 875	44 558
24206	1097809.433	46 283
24207	1097855.717	43.808
24208	1097899 525	41.883
24209	1097941.408	26.492
24210	1097967.900	48 533
24211	1098016.433	44.875
24212	1098061 308	45.175
24213	1098106 483	48.375
24214	1098154.858	50.283
24215	1098205.142	46.358
24216	1098251.500	45.258
24217	1098296.758	49 792
24218	1098346.550	45.167
24219	1098391.717	47.317
24220	1098439.033	48.975
24221	1098488.008	49.733
24222	1098537.742	45.483
24223	1098583.225	41.933
24224	1098625.158	46.967
24225	1098672.125	43.625
24226	1098715.750	46.425
24227	1098762.175	49.842
24228	1098812.017	50.050
24229	1098862 067	45.583
24230	1098907.650	48.867
24231	1098956.517	49.425
24232	1099005.942	46.608
24233	1099052.550	45 133
24234	1099097.683	44.817
24235	1099142.500	50.358
24236	1099192.858	48.558
24237	1099241.417	40 408
24238	1099281 825	46.933
24239	1099328 758	48.975
24240	1099377.733	45.208
24241	1099422.942	44.883
24242	1099467.825	50.325
24243	1099518.150	46 292
24244	1099564.442	45.475

Weld	Distance (ft.)	Joint Length (ft.)
24245	1099609.917	46.658
24246	1099656.575	45.792
24247	1099702.367	49.675
24248	1099752.042	48.850
24249	1099800 892	46.833
24250	1099847.725	49.592
24251	1099897.317	47.833
24252	1099945.150	50.817
24253	1099995.967	49.733
24254	1100045.700	49.050
24255	1100094.750	48 775
24256	1100143.525	46.258
24257	1100189.783	50.275
24258	1100240.058	49.025
24259	1100289 083	45.417
24260	1100334.500	48.600
24261	1100383.100	50.308
24262	1100433.408	45.308
24263	1100478.717	44.283
24264	1100523.000	50 025
24265	1100573.025	48.433
24266	1100621.458	46.750
24267	1100668.208	50.467
24268	1100718.675	51.367
24269	1100770.042	49.542
24270	1100819.583	48.333
24271	1100867.917	46.383
24272	1100914.300	49.625
24273	1100963.925	50 383
24274	1101014.308	49.300
24275	1101063.608	45.875
24276	1101109 483	44 117
24277	1101153.600	49.908
24278	1101203.508	34.908
24279	1101238 417	47.617
24280	1101286 033	48.267
24281	1101334.300	48 867
24282	1101383.167	49.433
24283	1101432 600	49.100
24284	1101481.700	48.975
24285	1101530.675	39.117
24286	1101569.792	45.250
24287	1101615 042	50.167
24288	1101665.208	43.458
24289	1101708.667	50.125
24290	1101758 792	49 167
24291	1101807.958	49.783
24292	1101857.742	49.433
24293	1101907.175	45.458
24294	1101952.633	47.400
24295	1102000.033	48.500
24296	1102048.533	49.383
24297	1102097 917	50.600
24298	1102148.517	48.450
24299	1102196.967	49.608
24300	1102246.575	44.400
24301	1102290 975	43.583
24302	1102334.558	49.817

Weld	Distance (ft.)	Joint Length (ft.)
24303	1102384.375	47.825
24304	1102432.200	47 958
24305	1102480.158	49.983
24306	1102530.142	44.883
24307	1102575.025	46.033
24308	1102621.058	49.708
24309	1102670.767	45.517
24310	1102716.283	49.258
24311	1102765.542	50 475
24312	1102816.017	50.558
24313	1102866.575	46.900
24314	1102913 475	46.658
24315	1102960.133	47.367
24316	1103007.500	49 333
24317	1103056.833	48.508
24318	1103105.342	47.825
24319	1103153.167	46.017
24320	1103199.183	47.558
24321	1103246.742	49.558
24322	1103296.300	44.233
24323	1103340.533	42.975
24324	1103383 508	48.883
24325	1103432.392	47.650
24326	1103480.042	48 592
24327	1103528.633	41.817
24328	1103570.450	49.592
24329	1103620.042	45.983
24330	1103666.025	49.067
24331	1103715 092	49.325
24332	1103764.417	50.383
24333	1103814.800	48 642
24334	1103863.442	44.067
24335	1103907.508	41.083
24336	1103948.592	49.725
24337	1103998.317	49.625
24338	1104047.942	42.958
24339	1104090 900	40.883
24340	1104131.783	46.325
24341	1104178.108	50 717
24342	1104228.825	50.117
24343	1104278 942	48.433
24344	1104327.375	51 217
24345	1104378.592	49.408
24346	1104428.000	34.392
24347	1104462.392	45.850
24348	1104508.242	46 067
24349	1104554.308	49.608
24350	1104603 917	49.658
24351	1104653.575	41.225
24352	1104694.800	47.200
24353	1104742.000	50.283
24354	1104792 283	43.908
24355	1104836.192	45 875
24356	1104882.067	47.825
24357	1104929.892	49.050
24358	1104978.942	45.275
24359	1105024.217	51.308
24360	1105075.525	46.533

Weld	Distance (ft.)	Joint Length (ft.)
24361	1105122.058	38.300
24362	1105160.358	50.083
24363	1105210.442	44.908
24364	1105255.350	47.392
24365	1105302.742	45.900
24366	1105348.642	50.917
24367	1105399.558	45.283
24368	1105444.842	50.025
24369	1105494.867	47.067
24370	1105541.933	50.358
24371	1105592.292	50.600
24372	1105642.892	47.775
24373	1105690.667	50.183
24374	1105740.850	51.758
24375	1105792.608	48.017
24376	1105840 625	49.833
24377	1105890.458	48.925
24378	1105939.383	49.933
24379	1105989.317	48.975
24380	1106038.292	48.900
24381	1106087.192	44.925
24382	1106132.117	44.875
24383	1106176.992	46.050
24384	1106223.042	49.525
24385	1106272.567	47.075
24386	1106319.642	49.367
24387	1106369.008	39.367
24388	1106408.375	48.992
24389	1106457.367	50 867
24390	1106508.233	44.692
24391	1106552.925	42.292
24392	1106595.217	48.917
24393	1106644.133	48.217
24394	1106692.350	44 858
24395	1106737.208	51.467
24396	1106788.675	45.675
24397	1106834.350	45.050
24398	1106879.400	50.992
24399	1106930.392	50 275
24400	1106980.667	50 675
24401	1107031.342	47.483
24402	1107078.825	49.675
24403	1107128.500	44.717
24404	1107173.217	50.533
24405	1107223 750	49.200
24406	1107272.950	48 817
24407	1107321.767	50.542
24408	1107372.308	49.325
24409	1107421.633	48.317
24410	1107469 950	50.375
24411	1107520.325	48.975
24412	1107569.300	46.358
24413	1107615.658	44.875
24414	1107660.533	50.042
24415	1107710.575	45 533
24416	1107756.108	49.858
24417	1107805.967	50.075
24418	1107856 042	50 333

Weld	Distance (ft.)	Joint Length (ft.)
24419	1107906.375	50.658
24420	1107957.033	50.392
24421	1108007.425	46 117
24422	1108053.542	47.275
24423	1108100.817	48.817
24424	1108149.633	44.650
24425	1108194.283	49.142
24426	1108243.425	46.975
24427	1108290.400	45.442
24428	1108335.842	49.950
24429	1108385.792	47.317
24430	1108433.108	46.592
24431	1108479.700	47 908
24432	1108527.608	44.383
24433	1108571.992	47.767
24434	1108619.758	49.542
24435	1108669.300	47.917
24436	1108717.217	46.667
24437	1108763.883	49.533
24438	1108813.417	39.542
24439	1108852.958	2 917
24440	1108855.875	50.475
24441	1108906.350	47.592
24442	1108953.942	49.108
24443	1109003.050	49.617
24444	1109052.667	45.500
24445	1109098.167	49.450
24446	1109147.617	24.942
24447	1109172 558	49.808
24448	1109222.367	43.158
24449	1109265.525	46.833
24450	1109312.358	23.150
24451	1109335.508	49.983
24452	1109385 492	48.150
24453	1109433.642	43.492
24454	1109477.133	47.842
24455	1109524.975	48.342
24456	1109573.317	45.508
24457	1109618.825	46.333
24458	1109665 158	47.492
24459	1109712.650	45.800
24460	1109758.450	38.467
24461	1109796.917	50.067
24462	1109846 983	49.208
24463	1109896.192	45.550
24464	1109941.742	48.242
24465	1109989.983	46.383
24466	1110036.367	48.767
24467	1110085.133	45.925
24468	1110131.058	49.692
24469	1110180.750	46.283
24470	1110227.033	20.508
24471	1110247.542	51.033
24472	1110298 575	49.600
24473	1110348.175	48.675
24474	1110396.850	49.867
24475	1110446 717	50.483
24476	1110497 200	41.150

Weld	Distance (ft.)	Joint Length (ft.)
24477	1110538.350	50.483
24478	1110588.833	27.017
24479	1110615.850	23.917
24480	1110639.767	45.167
24481	1110684.933	47.617
24482	1110732.550	47.150
24483	1110779.700	47.250
24484	1110826 950	45.975
24485	1110872.925	48.850
24486	1110921.775	49.058
24487	1110970.833	40.383
24488	1111011.217	39.308
24489	1111050.525	44 175
24490	1111094.700	44.825
24491	1111139.525	48.867
24492	1111188.392	49.858
24493	1111238.250	48.900
24494	1111287.150	39.750
24495	1111326.900	40.158
24496	1111367.058	50 758
24497	1111417 817	44.883
24498	1111462.700	49.125
24499	1111511.825	42.192
24500	1111554.017	45.408
24501	1111599.425	45.583
24502	1111645.008	47 958
24503	1111692.967	46 100
24504	1111739.067	50.142
24505	1111789.208	48.667
24506	1111837.875	47.908
24507	1111885 783	44.783
24508	1111930.567	13 592
24509	1111944.158	45.633
24510	1111989.792	49.350
24511	1112039.142	35.933
24512	1112075.075	44.542
24513	1112119 617	50.067
24514	1112169.683	48.350
24515	1112218.033	45.025
24516	1112263.058	48.033
24517	1112311.092	47.500
24518	1112358.592	49 867
24519	1112408.458	46.375
24520	1112454.833	49.450
24521	1112504.283	50.442
24522	1112554.725	41.183
24523	1112595.908	26.208
24524	1112622.117	3.942
24525	1112626.058	21.892
24526	1112647.950	49.775
24527	1112697.725	44.958
24528	1112742.683	45.533
24529	1112788.217	47.067
24530	1112835.283	48.642
24531	1112883.925	45.408
24532	1112929.333	45.650
24533	1112974.983	46.050
24534	1113021.033	48.125

Weld	Distance (ft.)	Joint Length (ft.)
24535	1113069 158	49.792
24536	1113118.950	46.642
24537	1113165.592	10.367
24538	1113175.958	49.483
24539	1113225.442	47.383
24540	1113272.825	39.250
24541	1113312.075	47.342
24542	1113359.417	49.733
24543	1113409.150	44.817
24544	1113453.967	50.092
24545	1113504.058	48.650
24546	1113552 708	49.292
24547	1113602.000	46.917
24548	1113648.917	46.242
24549	1113695.158	41.858
24550	1113737.017	50.933
24551	1113787.950	50.617
24552	1113838.567	50.667
24553	1113889.233	48.617
24554	1113937.850	45.608
24555	1113983.458	48.275
24556	1114031.733	47.283
24557	1114079 017	44.692
24558	1114123.708	48.525
24559	1114172.233	50.033
24560	1114222.267	43.950
24561	1114266.217	50.125
24562	1114316.342	50.217
24563	1114366.558	44.608
24564	1114411.167	45.875
24565	1114457.042	42.317
24566	1114499.358	34 367
24567	1114533.725	46.625
24568	1114580 350	46.875
24569	1114627.225	39.692
24570	1114666.917	46.233
24571	1114713.150	45.725
24572	1114758.875	48.150
24573	1114807.025	42 975
24574	1114850.000	48.775
24575	1114898.775	45.158
24576	1114943 933	48.725
24577	1114992.658	47.750
24578	1115040.408	50.775
24579	1115091 183	49.117
24580	1115140.300	46 542
24581	1115186.842	50.025
24582	1115236 867	43.958
24583	1115280.825	46.733
24584	1115327.558	51.683
24585	1115379.242	49.475
24586	1115428.717	47 408
24587	1115476.125	49 058
24588	1115525.183	49.142
24589	1115574.325	48.008
24590	1115622.333	46.400
24591	1115668.733	38 350
24592	1115707.083	49.467

Weld	Distance (ft.)	Joint Length (ft.)
24593	1115756.550	40.575
24594	1115797.125	44.500
24595	1115841.625	43.692
24596	1115885.317	50.342
24597	1115935.658	50.050
24598	1115985 708	50.008
24599	1116035.717	43.975
24600	1116079.692	44.000
24601	1116123.692	49.775
24602	1116173.467	49.958
24603	1116223 425	48.200
24604	1116271.625	51.458
24605	1116323 083	50 067
24606	1116373.150	49.858
24607	1116423.008	49.858
24608	1116472.867	46.967
24609	1116519 833	45.258
24610	1116565.092	46.875
24611	1116611.967	48.208
24612	1116660.175	51.608
24613	1116711.783	45.483
24614	1116757.267	47.942
24615	1116805.208	47.517
24616	1116852.725	47.583
24617	1116900 308	46.533
24618	1116946 842	49.200
24619	1116996.042	48 592
24620	1117044.633	46 642
24621	1117091.275	44.075
24622	1117135 350	50.033
24623	1117185.383	48.192
24624	1117233.575	45 950
24625	1117279.525	44.575
24626	1117324 100	38.392
24627	1117362.492	51.225
24628	1117413.717	46.208
24629	1117459.925	49.358
24630	1117509.283	47.150
24631	1117556 433	41 525
24632	1117597.958	47.025
24633	1117644.983	45.742
24634	1117690.725	45.475
24635	1117736.200	39.700
24636	1117775.900	45.908
24637	1117821.808	50.083
24638	1117871.892	48.000
24639	1117919.892	45.075
24640	1117964.967	45.783
24641	1118010.750	47.725
24642	1118058 475	48 483
24643	1118106.958	45.225
24644	1118152.183	46.000
24645	1118198.183	48.350
24646	1118246.533	48.500
24647	1118295.033	44 317
24648	1118339.350	35.217
24649	1118374 567	47.967
24650	1118422.533	40.917

Weld	Distance (ft.)	Joint Length (ft.)
24651	1118463.450	42.133
24652	1118505.583	47.700
24653	1118553.283	50.317
24654	1118603.600	46.258
24655	1118649.858	47 383
24656	1118697.242	43.950
24657	1118741.192	46.050
24658	1118787.242	50.483
24659	1118837.725	44.517
24660	1118882 242	48.125
24661	1118930.367	50.058
24662	1118980.425	48.725
24663	1119029.150	49.708
24664	1119078.858	46.933
24665	1119125.792	49.300
24666	1119175.092	45.567
24667	1119220.658	43.758
24668	1119264.417	24.317
24669	1119288.733	45.883
24670	1119334.617	49.633
24671	1119384.250	49.717
24672	1119433.967	47.183
24673	1119481.150	7.417
24674	1119488.567	46.042
24675	1119534.608	47.492
24676	1119582.100	47.583
24677	1119629.683	45.750
24678	1119675.433	51.583
24679	1119727.017	39.075
24680	1119766.092	49.400
24681	1119815.492	49 258
24682	1119864.750	49.317
24683	1119914.067	49.550
24684	1119963.617	48.175
24685	1120011.792	47 867
24686	1120059.658	48.633
24687	1120108.292	48.033
24688	1120156.325	47.817
24689	1120204.142	45.817
24690	1120249.958	48.450
24691	1120298.408	37.742
24692	1120336.150	48.100
24693	1120384.250	37 100
24694	1120421.350	49.042
24695	1120470 392	48.775
24696	1120519 167	49.300
24697	1120568.467	46.942
24698	1120615.408	50.067
24699	1120665 475	49.025
24700	1120714.500	49 433
24701	1120763.933	51 058
24702	1120814.992	49.242
24703	1120864.233	47.250
24704	1120911.483	46 917
24705	1120958.400	49.583
24706	1121007.983	48.675
24707	1121056.658	50.800
24708	1121107.458	44 892

Weld	Distance (ft.)	Joint Length (ft.)
24709	1121152.350	49.533
24710	1121201.883	49.333
24711	1121251.217	49.042
24712	1121300.258	49.667
24713	1121349.925	50.583
24714	1121400.508	50.167
24715	1121450.675	50.783
24716	1121501.458	47.600
24717	1121549.058	49.558
24718	1121598.617	45.150
24719	1121643.767	50.533
24720	1121694.300	41.250
24721	1121735 550	9.017
24722	1121744.567	46 117
24723	1121790.683	50.750
24724	1121841.433	19.608
24725	1121861.042	2.625
24726	1121863.667	30.108
24727	1121893.775	49 708
24728	1121943.483	49 992
24729	1121993.475	50.400
24730	1122043.875	49.475
24731	1122093.350	41.758
24732	1122135 108	49.108
24733	1122184.217	42.942
24734	1122227.158	49.425
24735	1122276.583	50.708
24736	1122327.292	48.517
24737	1122375 808	49.600
24738	1122425.408	49.225
24739	1122474.633	49.992
24740	1122524.625	49.858
24741	1122574.483	50.817
24742	1122625.300	46.142
24743	1122671.442	46.517
24744	1122717.958	49.808
24745	1122767.767	49.700
24746	1122817 467	48.267
24747	1122865.733	49.250
24748	1122914.983	48.708
24749	1122963.692	49.392
24750	1123013 083	50.075
24751	1123063.158	47.933
24752	1123111.092	46.658
24753	1123157.750	48.533
24754	1123206.283	50.483
24755	1123256.767	45.567
24756	1123302.333	48.717
24757	1123351 050	45.683
24758	1123396.733	45.592
24759	1123442.325	44 325
24760	1123486.650	49.150
24761	1123535 800	50.192
24762	1123585.992	45.142
24763	1123631.133	46.608
24764	1123677 742	45.575
24765	1123723.317	51.442
24766	1123774.758	46.733

Weld	Distance (ft.)	Joint Length (ft.)
24767	1123821.492	41.950
24768	1123863.442	45.558
24769	1123909.000	49.525
24770	1123958.525	45.558
24771	1124004.083	46.500
24772	1124050.583	47.983
24773	1124098.567	46.617
24774	1124145.183	46.583
24775	1124191.767	47.400
24776	1124239.167	45.708
24777	1124284 875	48.325
24778	1124333.200	34.067
24779	1124367.267	41.550
24780	1124408.817	45.475
24781	1124454.292	49.317
24782	1124503.608	46.750
24783	1124550.358	36.833
24784	1124587.192	45.450
24785	1124632.642	45.608
24786	1124678.250	50.400
24787	1124728.650	50.025
24788	1124778.675	51.050
24789	1124829.725	47.233
24790	1124876.958	48.825
24791	1124925.783	49.833
24792	1124975.617	49.650
24793	1125025.267	49.450
24794	1125074.717	49 833
24795	1125124.550	49.217
24796	1125173.767	48.783
24797	1125222.550	49.942
24798	1125272 492	49.333
24799	1125321.825	47.117
24800	1125368.942	48.733
24801	1125417.675	48.300
24802	1125465 975	46.383
24803	1125512.358	49.675
24804	1125562.033	44.358
24805	1125606.392	50.000
24806	1125656.392	45.308
24807	1125701.700	47.367
24808	1125749.067	48.442
24809	1125797.508	41.783
24810	1125839.292	44.617
24811	1125883.908	47.292
24812	1125931.200	48.192
24813	1125979.392	46.858
24814	1126026.250	50.308
24815	1126076 558	46.208
24816	1126122.767	46.275
24817	1126169.042	43.008
24818	1126212.050	45.758
24819	1126257 808	48.275
24820	1126306.083	44.483
24821	1126350.567	40.550
24822	1126391.117	45 492
24823	1126436.608	48.825
24824	1126485.433	42.425

Weld	Distance (ft.)	Joint Length (ft.)
24825	1126527.858	46.050
24826	1126573.908	45.942
24827	1126619.850	45.983
24828	1126665.833	45.133
24829	1126710.967	46.342
24830	1126757 308	41.300
24831	1126798.608	46.025
24832	1126844.633	45.375
24833	1126890.008	45.217
24834	1126935.225	48.858
24835	1126984.083	45.958
24836	1127030 042	45.992
24837	1127076.033	46.275
24838	1127122.308	44.417
24839	1127166.725	45.317
24840	1127212.042	48.775
24841	1127260.817	45.492
24842	1127306.308	46.317
24843	1127352.625	47.775
24844	1127400.400	45.725
24845	1127446.125	43.100
24846	1127489.225	45.717
24847	1127534.942	45.400
24848	1127580.342	45.575
24849	1127625.917	51.808
24850	1127677.725	45.275
24851	1127723.000	47.975
24852	1127770.975	45.042
24853	1127816.017	45.592
24854	1127861.608	45.942
24855	1127907.550	51.108
24856	1127958.658	49 042
24857	1128007.700	47.542
24858	1128055.242	43.850
24859	1128099.092	44.742
24860	1128143.833	48.867
24861	1128192.700	45.742
24862	1128238.442	46.367
24863	1128284.808	45.925
24864	1128330.733	46.283
24865	1128377.017	46 392
24866	1128423.408	45.033
24867	1128468.442	45.400
24868	1128513.842	48.658
24869	1128562.500	49 133
24870	1128611.633	49.000
24871	1128660.633	48.808
24872	1128709.442	48.067
24873	1128757.508	50.192
24874	1128807.700	50.950
24875	1128858.650	50.625
24876	1128909.275	49.433
24877	1128958 708	49.558
24878	1129008.267	49.750
24879	1129058.017	51.000
24880	1129109.017	49.450
24881	1129158.467	49.750
24882	1129208.217	49.292

Weld	Distance (ft.)	Joint Length (ft.)
24883	1129257.508	48.783
24884	1129306.292	48.767
24885	1129355 058	49 108
24886	1129404.167	48.867
24887	1129453.033	47.933
24888	1129500.967	45.517
24889	1129546.483	7.292
24890	1129553.775	3 092
24891	1129556.867	38.733
24892	1129595.600	46.000
24893	1129641.600	46.558
24894	1129688 158	38.525
24895	1129726.683	9.850
24896	1129736.533	45.608
24897	1129782.142	46.508
24898	1129828 650	44 833
24899	1129873.483	48.217
24900	1129921.700	46.050
24901	1129967.750	41.967
24902	1130009 717	45 875
24903	1130055.592	48.125
24904	1130103.717	47.275
24905	1130150.992	49.883
24906	1130200.875	49.550
24907	1130250.425	46.383
24908	1130296.808	47.667
24909	1130344.475	34.342
24910	1130378.817	45.600
24911	1130424.417	41.175
24912	1130465.592	45 708
24913	1130511.300	45.733
24914	1130557.033	49.425
24915	1130606 458	46.575
24916	1130653.033	45 883
24917	1130698.917	46.642
24918	1130745 558	50.192
24919	1130795.750	51.025
24920	1130846.775	47.775
24921	1130894.550	45.458
24922	1130940.008	41.650
24923	1130981.658	51.550
24924	1131033.208	43 950
24925	1131077.158	45.050
24926	1131122.208	44.367
24927	1131166 575	46.167
24928	1131212.742	45.175
24929	1131257.917	48.258
24930	1131306.175	50.233
24931	1131356.408	44.525
24932	1131400.933	47.308
24933	1131448.242	45 833
24934	1131494.075	44.333
24935	1131538.408	45.817
24936	1131584.225	42 825
24937	1131627.050	47.975
24938	1131675 025	48.200
24939	1131723.225	45.300
24940	1131768.525	40.975

Weld	Distance (ft.)	Joint Length (ft.)
24941	1131809.500	45.867
24942	1131855.367	48.008
24943	1131903.375	41.683
24944	1131945.058	45.700
24945	1131990.758	44.950
24946	1132035.708	45.067
24947	1132080.775	45.250
24948	1132126.025	47.600
24949	1132173 625	46.200
24950	1132219 825	46.800
24951	1132266.625	46 250
24952	1132312.875	49.917
24953	1132362.792	45.392
24954	1132408.183	47.133
24955	1132455.317	48.900
24956	1132504.217	46.892
24957	1132551.108	46.117
24958	1132597 225	49.050
24959	1132646.275	43.167
24960	1132689.442	48.433
24961	1132737.875	49.517
24962	1132787.392	47.133
24963	1132834.525	47.167
24964	1132881.692	42.542
24965	1132924.233	49.575
24966	1132973.808	50.683
24967	1133024.492	49.583
24968	1133074.075	49.592
24969	1133123.667	49.075
24970	1133172.742	48.867
24971	1133221.608	47.942
24972	1133269.550	49.042
24973	1133318.592	48.900
24974	1133367.492	49.758
24975	1133417.250	49.850
24976	1133467.100	49 767
24977	1133516.867	49.508
24978	1133566.375	41.300
24979	1133607.675	49 492
24980	1133657.167	44.025
24981	1133701 192	45.425
24982	1133746.617	48.550
24983	1133795.167	50.233
24984	1133845.400	48 342
24985	1133893.742	49 558
24986	1133943.300	44.750
24987	1133988 050	45.900
24988	1134033.950	47.983
24989	1134081.933	48.592
24990	1134130 525	47.708
24991	1134178.233	44.833
24992	1134223.067	46.892
24993	1134269.958	48 042
24994	1134318.000	44.142
24995	1134362.142	48.342
24996	1134410 483	45.167
24997	1134455.650	45.142
24998	1134500.792	47.183

Weld	Distance (ft.)	Joint Length (ft.)
24999	1134547.975	45.008
25000	1134592.983	45.883
25001	1134638.867	47.517
25002	1134686.383	46.917
25003	1134733.300	49.850
25004	1134783.150	45.133
25005	1134828.283	45.508
25006	1134873 792	40 317
25007	1134914.108	45.683
25008	1134959.792	47.458
25009	1135007.250	43.208
25010	1135050.458	41.150
25011	1135091.608	46.342
25012	1135137.950	43.475
25013	1135181.425	45.958
25014	1135227.383	46.800
25015	1135274.183	46.317
25016	1135320.500	43.558
25017	1135364.058	45.400
25018	1135409 458	42.683
25019	1135452.142	45 150
25020	1135497.292	46.075
25021	1135543.367	45.642
25022	1135589.008	46.775
25023	1135635.783	46.950
25024	1135682.733	47.033
25025	1135729.767	49.517
25026	1135779.283	45.817
25027	1135825.100	44.967
25028	1135870.067	49.325
25029	1135919.392	46 442
25030	1135965.833	46.167
25031	1136012.000	47.583
25032	1136059.583	36.042
25033	1136095.625	49.992
25034	1136145.617	48.492
25035	1136194 108	49 308
25036	1136243.417	50.433
25037	1136293.850	46.867
25038	1136340.717	46.792
25039	1136387.508	49.467
25040	1136436.975	43.917
25041	1136480.892	46.517
25042	1136527.408	48.733
25043	1136576.142	46.742
25044	1136622.883	47.792
25045	1136670.675	50.608
25046	1136721.283	49.292
25047	1136770.575	50 600
25048	1136821 175	49.367
25049	1136870.542	48.392
25050	1136918 933	49 658
25051	1136968.592	49.142
25052	1137017.733	43.533
25053	1137061.267	48.233
25054	1137109 500	47.425
25055	1137156.925	44.492
25056	1137201.417	49.033

Weld	Distance (ft.)	Joint Length (ft.)
25057	1137250.450	48 992
25058	1137299.442	48.325
25059	1137347.767	50.750
25060	1137398.517	34.700
25061	1137433.217	49.917
25062	1137483.133	46.875
25063	1137530.008	46.383
25064	1137576 392	49 517
25065	1137625 908	48.800
25066	1137674 708	46.717
25067	1137721.425	49.250
25068	1137770.675	48.625
25069	1137819.300	47.208
25070	1137866.508	45.475
25071	1137911.983	46.567
25072	1137958.550	49 733
25073	1138008.283	45.975
25074	1138054.258	43 133
25075	1138097.392	46.608
25076	1138144.000	45.442
25077	1138189.442	47.408
25078	1138236.850	48.308
25079	1138285.158	47.183
25080	1138332.342	48.258
25081	1138380.600	49 025
25082	1138429.625	48.392
25083	1138478.017	48.550
25084	1138526.567	47.800
25085	1138574.367	48.000
25086	1138622.367	48.067
25087	1138670.433	49 108
25088	1138719 542	49.133
25089	1138768.675	47.808
25090	1138816.483	42.292
25091	1138858.775	49.025
25092	1138907.800	45.508
25093	1138953.308	49.717
25094	1139003.025	48.600
25095	1139051.625	48.967
25096	1139100.592	48.950
25097	1139149.542	47.442
25098	1139196.983	42.508
25099	1139239.492	48 733
25100	1139288 225	47.025
25101	1139335.250	46.500
25102	1139381.750	46.433
25103	1139428.183	45.758
25104	1139473.942	49.033
25105	1139522 975	45.908
25106	1139568.883	47.417
25107	1139616.300	48.783
25108	1139665.083	47.675
25109	1139712.758	48.900
25110	1139761.658	46.958
25111	1139808.617	47.825
25112	1139856.442	49.042
25113	1139905.483	48.467
25114	1139953.950	46.467

Weld	Distance (ft.)	Joint Length (ft.)
25115	1140000.417	47.058
25116	1140047.475	48.058
25117	1140095.533	48.525
25118	1140144.058	49.683
25119	1140193.742	47.408
25120	1140241.150	47 600
25121	1140288.750	48 825
25122	1140337.575	48.300
25123	1140385.875	48.758
25124	1140434.633	49.742
25125	1140484.375	47.358
25126	1140531.733	49.525
25127	1140581.258	48 942
25128	1140630.200	46.058
25129	1140676.258	48.675
25130	1140724 933	48.317
25131	1140773.250	42.192
25132	1140815.442	49.192
25133	1140864.633	48.908
25134	1140913.542	47 900
25135	1140961.442	48.675
25136	1141010.117	48 183
25137	1141058.300	48.258
25138	1141106.558	50.033
25139	1141156.592	47.367
25140	1141203.958	48.475
25141	1141252.433	48.467
25142	1141300.900	47.992
25143	1141348.892	47 892
25144	1141396.783	48.892
25145	1141445.675	49.083
25146	1141494.758	48.900
25147	1141543.658	48.275
25148	1141591.933	46 808
25149	1141638.742	48.200
25150	1141686.942	48.583
25151	1141735.525	47.083
25152	1141782.608	45.067
25153	1141827.675	49.542
25154	1141877.217	44.908
25155	1141922.125	46 708
25156	1141968.833	46.808
25157	1142015.642	49.642
25158	1142065.283	50.183
25159	1142115.467	49 683
25160	1142165 150	40.483
25161	1142205.633	48.650
25162	1142254.283	49.433
25163	1142303.717	49.792
25164	1142353.508	50.117
25165	1142403.625	48 492
25166	1142452.117	48.400
25167	1142500.517	35.808
25168	1142536.325	46.333
25169	1142582.658	50.142
25170	1142632.800	47.217
25171	1142680.017	47.817
25172	1142727.833	48.325

Weld	Distance (ft.)	Joint Length (ft.)
25173	1142776.158	48.942
25174	1142825.100	49.583
25175	1142874.683	49.433
25176	1142924.117	50.008
25177	1142974.125	48.425
25178	1143022.550	49.967
25179	1143072.517	48.308
25180	1143120.825	49.075
25181	1143169.900	49.633
25182	1143219.533	49.233
25183	1143268.767	47.942
25184	1143316.708	48.475
25185	1143365.183	48.833
25186	1143414.017	49.008
25187	1143463.025	46.225
25188	1143509 250	48.908
25189	1143558.158	47.108
25190	1143605 267	47.142
25191	1143652.408	50.200
25192	1143702.608	50.075
25193	1143752.683	50.158
25194	1143802.842	47.600
25195	1143850.442	50.000
25196	1143900.442	48.208
25197	1143948.650	48.767
25198	1143997.417	48.125
25199	1144045.542	49.458
25200	1144095.000	50.542
25201	1144145.542	47.875
25202	1144193 417	40.975
25203	1144234.392	46 717
25204	1144281.108	46.050
25205	1144327.158	47.342
25206	1144374.500	48.175
25207	1144422.675	48.508
25208	1144471.183	49 433
25209	1144520.617	50.333
25210	1144570.950	47.942
25211	1144618.892	49.750
25212	1144668.642	47.642
25213	1144716.283	48.750
25214	1144765.033	49 383
25215	1144814.417	37.342
25216	1144851.758	48.925
25217	1144900.683	46.967
25218	1144947.650	47.475
25219	1144995.125	48 150
25220	1145043.275	49.208
25221	1145092.483	49.742
25222	1145142.225	47.117
25223	1145189.342	46.258
25224	1145235.600	48.558
25225	1145284.158	48 467
25226	1145332.625	49.958
25227	1145382.583	45.525
25228	1145428.108	46.867
25229	1145474 975	50.533
25230	1145525.508	50 067

Weld	Distance (ft.)	Joint Length (ft.)
25231	1145575.575	48.683
25232	1145624.258	47.225
25233	1145671.483	47.567
25234	1145719 050	46.508
25235	1145765.558	48.167
25236	1145813.725	46.000
25237	1145859.725	46.583
25238	1145906.308	42.450
25239	1145948.758	47.042
25240	1145995.800	47.658
25241	1146043.458	47.575
25242	1146091.033	46.842
25243	1146137.875	46 508
25244	1146184.383	46.875
25245	1146231.258	48.483
25246	1146279 742	47.608
25247	1146327.350	47.475
25248	1146374.825	46.967
25249	1146421.792	46.375
25250	1146468.167	47.733
25251	1146515.900	47.017
25252	1146562.917	46.692
25253	1146609.608	46 308
25254	1146655.917	47 725
25255	1146703.642	47.300
25256	1146750 942	47.658
25257	1146798 600	45.708
25258	1146844.308	47 550
25259	1146891 858	47.475
25260	1146939.333	47.250
25261	1146986 583	50.192
25262	1147036.775	50.092
25263	1147086.867	48 975
25264	1147135.842	46.667
25265	1147182.508	49.283
25266	1147231.792	43.150
25267	1147274.942	47 242
25268	1147322.183	48.433
25269	1147370.617	49.075
25270	1147419.692	49 992
25271	1147469.683	48.850
25272	1147518 533	48.092
25273	1147566.625	48.525
25274	1147615.150	47.283
25275	1147662.433	50.600
25276	1147713.033	50.075
25277	1147763.108	49.583
25278	1147812.692	49.517
25279	1147862.208	39.992
25280	1147902.200	45.108
25281	1147947.308	50.008
25282	1147997.317	49.192
25283	1148046 508	49.300
25284	1148095.808	46.983
25285	1148142.792	49 950
25286	1148192 742	49.325
25287	1148242.067	50.108
25288	1148292.175	50.050

Weld	Distance (ft.)	Joint Length (ft.)
25289	1148342.225	48.050
25290	1148390.275	48.675
25291	1148438.950	50.408
25292	1148489.358	49.175
25293	1148538.533	48.708
25294	1148587.242	49.492
25295	1148636.733	48.650
25296	1148685.383	49.642
25297	1148735.025	50.008
25298	1148785.033	49.733
25299	1148834.767	45.550
25300	1148880.317	44.400
25301	1148924.717	43.433
25302	1148968.150	43.600
25303	1149011.750	48.150
25304	1149059.900	49.800
25305	1149109.700	49.433
25306	1149159.133	49.575
25307	1149208.708	49.125
25308	1149257.833	47 825
25309	1149305.658	50.000
25310	1149355.658	48.608
25311	1149404.267	49.383
25312	1149453.650	51.850
25313	1149505.500	15.158
25314	1149520.658	22.417
25315	1149543.075	9.475
25316	1149552.550	4.558
25317	1149557.108	48.925
25318	1149606.033	29.858
25319	1149635.892	49.667
25320	1149685.558	50.283
25321	1149735.842	48.492
25322	1149784.333	48.783
25323	1149833.117	43.650
25324	1149876.767	46.958
25325	1149923.725	51.650
25326	1149975.375	49.792
25327	1150025 167	49.333
25328	1150074 500	51.375
25329	1150125.875	50.108
25330	1150175.983	49.292
25331	1150225.275	49.017
25332	1150274.292	51.100
25333	1150325.392	49.483
25334	1150374.875	44.717
25335	1150419.592	46.383
25336	1150465.975	44.592
25337	1150510.567	48.842
25338	1150559.408	46.833
25339	1150606 242	46.592
25340	1150652.833	52.825
25341	1150705.658	49.150
25342	1150754.808	49.317
25343	1150804.125	50.108
25344	1150854.233	49.992
25345	1150904.225	48.833
25346	1150953.058	49.142

Weld	Distance (ft.)	Joint Length (ft.)
25347	1151002.200	49.033
25348	1151051.233	45.950
25349	1151097.183	48.125
25350	1151145.308	45.700
25351	1151191.008	49.975
25352	1151240.983	49.458
25353	1151290.442	42.558
25354	1151333.000	50 833
25355	1151383.833	50.700
25356	1151434.533	50.008
25357	1151484.542	49.483
25358	1151534.025	21.450
25359	1151555.475	49.908
25360	1151605 383	49.175
25361	1151654.558	49.642
25362	1151704.200	46.967
25363	1151751.167	49.792
25364	1151800.958	47.092
25365	1151848.050	27.483
25366	1151875.533	49 517
25367	1151925 050	49.808
25368	1151974.858	51.875
25369	1152026.733	50.383
25370	1152077 117	47.008
25371	1152124.125	47.242
25372	1152171.367	46.492
25373	1152217.858	48.233
25374	1152266.092	48.208
25375	1152314.300	47.725
25376	1152362.025	49.700
25377	1152411.725	47.100
25378	1152458.825	44.650
25379	1152503.475	48.708
25380	1152552.183	49 617
25381	1152601.800	49.850
25382	1152651.650	49.658
25383	1152701.308	46.525
25384	1152747.833	49.700
25385	1152797.533	41.700
25386	1152839.233	51.350
25387	1152890.583	50.433
25388	1152941.017	50.425
25389	1152991.442	50.133
25390	1153041.575	48.225
25391	1153089.800	50.900
25392	1153140 700	44 850
25393	1153185 550	48.800
25394	1153234.350	49.758
25395	1153284.108	48.583
25396	1153332.692	49.200
25397	1153381.892	49.633
25398	1153431.525	51.933
25399	1153483 458	50.600
25400	1153534 058	49 267
25401	1153583 325	49.417
25402	1153632.742	49.783
25403	1153682.525	50.708
25404	1153733 233	50.475

Weld	Distance (ft.)	Joint Length (ft.)
25405	1153783.708	51.100
25406	1153834.808	49.258
25407	1153884.067	49.317
25408	1153933.383	50.333
25409	1153983.717	50.342
25410	1154034 058	47.125
25411	1154081.183	50.192
25412	1154131.375	48.042
25413	1154179.417	50.275
25414	1154229.692	49.783
25415	1154279.475	48 383
25416	1154327 858	49.167
25417	1154377.025	49 142
25418	1154426.167	46.267
25419	1154472.433	46.142
25420	1154518.575	50.792
25421	1154569 367	48.050
25422	1154617.417	49.167
25423	1154666.583	47.192
25424	1154713.775	47.992
25425	1154761.767	48.758
25426	1154810 525	50.858
25427	1154861.383	49 283
25428	1154910.667	50.767
25429	1154961.433	49.258
25430	1155010.692	49.442
25431	1155060.133	48.508
25432	1155108.642	51.000
25433	1155159.642	45.525
25434	1155205.167	51.200
25435	1155256.367	48.967
25436	1155305 333	50.583
25437	1155355.917	51.533
25438	1155407.450	51.050
25439	1155458.500	49.100
25440	1155507.600	46.558
25441	1155554 158	49.117
25442	1155603.275	48.758
25443	1155652.033	49.358
25444	1155701.392	47.800
25445	1155749.192	48 808
25446	1155798.000	49.150
25447	1155847.150	48.500
25448	1155895.650	47.942
25449	1155943.592	48 100
25450	1155991 692	49.592
25451	1156041.283	51.375
25452	1156092.658	47.975
25453	1156140.633	47.883
25454	1156188.517	49 550
25455	1156238.067	48.417
25456	1156286.483	46.967
25457	1156333.450	48.975
25458	1156382.425	47.425
25459	1156429.850	51.567
25460	1156481.417	50.625
25461	1156532.042	50.058
25462	1156582.100	46.308

Weld	Distance (ft.)	Joint Length (ft.)
25463	1156628.408	49.092
25464	1156677.500	48.125
25465	1156725.625	49.050
25466	1156774.675	33.200
25467	1156807.875	48.350
25468	1156856.225	48.500
25469	1156904 725	46.108
25470	1156950.833	46.350
25471	1156997.183	46.008
25472	1157043.192	48.117
25473	1157091.308	48.058
25474	1157139 367	46.275
25475	1157185.642	47.500
25476	1157233.142	47.092
25477	1157280.233	45.817
25478	1157326.050	48.075
25479	1157374.125	47.092
25480	1157421.217	47.100
25481	1157468.317	47.367
25482	1157515.683	44.008
25483	1157559.692	48.592
25484	1157608.283	49.508
25485	1157657.792	46.167
25486	1157703.958	47 917
25487	1157751.875	47.733
25488	1157799.608	49.542
25489	1157849.150	49.467
25490	1157898.617	48.075
25491	1157946.692	49.417
25492	1157996.108	47.233
25493	1158043.342	46.850
25494	1158090.192	43.983
25495	1158134.175	49.275
25496	1158183.450	49.750
25497	1158233.200	48.033
25498	1158281.233	46.808
25499	1158328.042	48.675
25500	1158376.717	48.767
25501	1158425.483	46.317
25502	1158471.800	46.725
25503	1158518.525	47.533
25504	1158566.058	46.308
25505	1158612.367	49.975
25506	1158662.342	47.342
25507	1158709 683	44 742
25508	1158754.425	49.950
25509	1158804.375	49.817
25510	1158854.192	42.733
25511	1158896.925	48 575
25512	1158945.500	49 300
25513	1158994.800	49.700
25514	1159044.500	46.258
25515	1159090.758	50.050
25516	1159140.808	50.150
25517	1159190.958	50.317
25518	1159241.275	49.958
25519	1159291.233	48.575
25520	1159339.808	49.817

Weld	Distance (ft.)	Joint Length (ft.)
25521	1159389.625	51.500
25522	1159441.125	50.150
25523	1159491.275	50.958
25524	1159542.233	50.433
25525	1159592.667	51.608
25526	1159644.275	43.817
25527	1159688.092	47.075
25528	1159735.167	47.650
25529	1159782.817	47 658
25530	1159830.475	48.642
25531	1159879.117	47.467
25532	1159926 583	46.650
25533	1159973.233	47.192
25534	1160020.425	46.525
25535	1160066.950	47.325
25536	1160114.275	48.033
25537	1160162.308	50.142
25538	1160212.450	47.825
25539	1160260.275	48.533
25540	1160308.808	47.108
25541	1160355.917	46.908
25542	1160402 825	47.767
25543	1160450.592	47.000
25544	1160497.592	47 167
25545	1160544.758	46.175
25546	1160590.933	45.533
25547	1160636.467	48.725
25548	1160685.192	46.417
25549	1160731.608	50.367
25550	1160781.975	46.633
25551	1160828.608	49.917
25552	1160878.525	45.475
25553	1160924.000	50 083
25554	1160974.083	50.217
25555	1161024.300	50.258
25556	1161074.558	49.200
25557	1161123.758	49.500
25558	1161173.258	50.758
25559	1161224.017	42.067
25560	1161266 083	49.883
25561	1161315.967	48.667
25562	1161364.633	49.967
25563	1161414.600	50.475
25564	1161465.075	51.158
25565	1161516.233	49.358
25566	1161565.592	49 425
25567	1161615.017	48.417
25568	1161663.433	50.783
25569	1161714.217	48.158
25570	1161762.375	49.725
25571	1161812.100	49.367
25572	1161861.467	50.567
25573	1161912.033	48.783
25574	1161960.817	48.383
25575	1162009.200	48 383
25576	1162057.583	49.267
25577	1162106.850	50.575
25578	1162157.425	47.408

Weld	Distance (ft.)	Joint Length (ft.)
25579	1162204.833	46.883
25580	1162251.717	49.075
25581	1162300.792	49.683
25582	1162350.475	49.125
25583	1162399.600	49.208
25584	1162448.808	48.467
25585	1162497.275	37.100
25586	1162534.375	46.275
25587	1162580.650	48.725
25588	1162629.375	49.400
25589	1162678.775	50.667
25590	1162729.442	48.942
25591	1162778.383	47.517
25592	1162825.900	47.975
25593	1162873.875	49.408
25594	1162923.283	50.092
25595	1162973.375	38.058
25596	1163011 433	50 025
25597	1163061.458	49.975
25598	1163111.433	49.417
25599	1163160.850	49.142
25600	1163209.992	49.475
25601	1163259 467	49.842
25602	1163309 308	49.033
25603	1163358.342	48.058
25604	1163406.400	49.708
25605	1163456 108	48.158
25606	1163504 267	48.633
25607	1163552.900	46.392
25608	1163599.292	50.167
25609	1163649.458	50.842
25610	1163700 300	47.950
25611	1163748 250	50 467
25612	1163798.717	50.525
25613	1163849.242	49.242
25614	1163898.483	50.033
25615	1163948.517	49.067
25616	1163997.583	49.783
25617	1164047.367	51.108
25618	1164098 475	49.575
25619	1164148.050	50.350
25620	1164198.400	47.983
25621	1164246 383	49.042
25622	1164295 425	48 867
25623	1164344.292	50.433
25624	1164394.725	47.983
25625	1164442.708	48.942
25626	1164491 650	46.800
25627	1164538.450	51.417
25628	1164589 867	50.325
25629	1164640 192	49.667
25630	1164689.858	50 825
25631	1164740.683	43.275
25632	1164783.958	49.958
25633	1164833.917	50 758
25634	1164884.675	50.117
25635	1164934.792	49.383
25636	1164984.175	47.992

Weld	Distance (ft.)	Joint Length (ft.)
25637	1165032.167	47.008
25638	1165079.175	48.217
25639	1165127.392	48.450
25640	1165175 842	48.125
25641	1165223.967	46.275
25642	1165270.242	44 275
25643	1165314.517	44.900
25644	1165359.417	50.325
25645	1165409.742	46.892
25646	1165456.633	48.058
25647	1165504.692	48.867
25648	1165553.558	47.317
25649	1165600.875	48.608
25650	1165649.483	49.608
25651	1165699.092	48.233
25652	1165747.325	48.000
25653	1165795 325	49.025
25654	1165844.350	48 708
25655	1165893.058	46.508
25656	1165939.567	49.825
25657	1165989.392	47.075
25658	1166036.467	48.817
25659	1166085.283	51.533
25660	1166136.817	43.075
25661	1166179.892	41.083
25662	1166220.975	48.967
25663	1166269.942	50.050
25664	1166319.992	48.525
25665	1166368.517	50.475
25666	1166418.992	49.758
25667	1166468.750	46.100
25668	1166514.850	49.508
25669	1166564.358	49.067
25670	1166613.425	44.233
25671	1166657.658	49.392
25672	1166707.050	48.008
25673	1166755 058	27.425
25674	1166782.483	33.150
25675	1166815.633	48.592
25676	1166864 225	47.442
25677	1166911.667	49 317
25678	1166960.983	49.050
25679	1167010.033	50.217
25680	1167060.250	50.133
25681	1167110.383	50.800
25682	1167161.183	49.125
25683	1167210.308	49.492
25684	1167259 800	49.292
25685	1167309.092	47.842
25686	1167356.933	50.075
25687	1167407.008	49.967
25688	1167456 975	50 867
25689	1167507.842	48.692
25690	1167556.533	49.825
25691	1167606.358	49.342
25692	1167655 700	49 092
25693	1167704.792	49.633
25694	1167754.425	48.717

Weld	Distance (ft.)	Joint Length (ft.)
25695	1167803.142	17 992
25696	1167821.133	50.150
25697	1167871.283	49.492
25698	1167920.775	46.708
25699	1167967.483	50.475
25700	1168017.958	49.950
25701	1168067.908	48.292
25702	1168116.200	49.725
25703	1168165.925	48.833
25704	1168214.758	49.050
25705	1168263.808	49.125
25706	1168312.933	47.925
25707	1168360.858	49.342
25708	1168410 200	47.750
25709	1168457.950	42.917
25710	1168500.867	44.258
25711	1168545.125	51.050
25712	1168596.175	48.675
25713	1168644.850	47.850
25714	1168692.700	49.133
25715	1168741 833	49.525
25716	1168791.358	48 592
25717	1168839.950	47.300
25718	1168887 250	50.575
25719	1168937 825	50.133
25720	1168987.958	51.067
25721	1169039.025	50.700
25722	1169089.725	49.658
25723	1169139 383	49.258
25724	1169188.642	48.308
25725	1169236.950	48.417
25726	1169285.367	50.583
25727	1169335.950	50.700
25728	1169386 650	49.825
25729	1169436.475	50 400
25730	1169486.875	51.250
25731	1169538.125	45.200
25732	1169583.325	50.283
25733	1169633.608	49 267
25734	1169682.875	49.492
25735	1169732.367	33.633
25736	1169766 000	48.758
25737	1169814.758	10.625
25738	1169825.383	37.217
25739	1169862.600	47.642
25740	1169910.242	49.742
25741	1169959.983	50.100
25742	1170010 083	50.608
25743	1170060.692	50.558
25744	1170111.250	49.575
25745	1170160 825	42.308
25746	1170203 133	50.075
25747	1170253 208	50 175
25748	1170303.383	48.483
25749	1170351 867	49.100
25750	1170400 967	43.583
25751	1170444.550	44.033
25752	1170488.583	49 383

Weld	Distance (ft.)	Joint Length (ft.)
25753	1170537.967	50.633
25754	1170588.600	47.067
25755	1170635.667	48.975
25756	1170684.642	50.750
25757	1170735.392	50.142
25758	1170785 533	36.192
25759	1170821.725	50.625
25760	1170872.350	50 200
25761	1170922.550	48 175
25762	1170970.725	49 750
25763	1171020.475	50.392
25764	1171070.867	49.667
25765	1171120.533	49.308
25766	1171169.842	50.633
25767	1171220.475	50.358
25768	1171270.833	49 375
25769	1171320.208	48 983
25770	1171369.192	50.908
25771	1171420.100	50.517
25772	1171470.617	51.533
25773	1171522.150	50.333
25774	1171572.483	50.625
25775	1171623.108	49.983
25776	1171673 092	24.950
25777	1171698.042	2 533
25778	1171700.575	22.783
25779	1171723.358	49.767
25780	1171773.125	50.600
25781	1171823.725	49.583
25782	1171873 308	50.250
25783	1171923 558	50.458
25784	1171974.017	49.042
25785	1172023.058	49.333
25786	1172072.392	48.708
25787	1172121.100	49.867
25788	1172170.967	49.517
25789	1172220 483	51.342
25790	1172271 825	50.050
25791	1172321.875	50.667
25792	1172372.542	49.217
25793	1172421.758	49.483
25794	1172471.242	51.667
25795	1172522.908	49 175
25796	1172572.083	48 575
25797	1172620.658	50.075
25798	1172670.733	49.292
25799	1172720.025	49.542
25800	1172769.567	49 858
25801	1172819.425	49 458
25802	1172868 883	49.633
25803	1172918.517	49.992
25804	1172968.508	50.533
25805	1173019.042	48.983
25806	1173068 025	50.458
25807	1173118 483	50.250
25808	1173168.733	49.517
25809	1173218.250	50.183
25810	1173268.433	48.458

Weld	Distance (ft.)	Joint Length (ft.)
25811	1173316.892	47.883
25812	1173364.775	48.908
25813	1173413.683	49.333
25814	1173463.017	48.467
25815	1173511.483	48.550
25816	1173560.033	48.833
25817	1173608 867	47.033
25818	1173655.900	11 333
25819	1173667.233	17.417
25820	1173684.650	46 900
25821	1173731.550	46.858
25822	1173778.408	42.800
25823	1173821.208	48.608
25824	1173869.817	48.117
25825	1173917.933	39.958
25826	1173957.892	47 417
25827	1174005.308	42 725
25828	1174048.033	47.025
25829	1174095.058	6.333
25830	1174101.392	49.958
25831	1174151 350	50.708
25832	1174202.058	42.100
25833	1174244 158	2.492
25834	1174246.650	50.933
25835	1174297.583	49.783
25836	1174347.367	49.758
25837	1174397.125	49.767
25838	1174446.892	49.900
25839	1174496.792	49.942
25840	1174546.733	50 867
25841	1174597.600	50.967
25842	1174648.567	51.342
25843	1174699.908	49.567
25844	1174749.475	50.808
25845	1174800.283	50.767
25846	1174851.050	50 533
25847	1174901.583	49 950
25848	1174951.533	49.333
25849	1175000.867	48.783
25850	1175049.650	50.300
25851	1175099.950	48.983
25852	1175148.933	48.017
25853	1175196.950	50.208
25854	1175247.158	48.250
25855	1175295.408	49.308
25856	1175344.717	44.225
25857	1175388 942	45.792
25858	1175434.733	41.942
25859	1175476.675	46.175
25860	1175522.850	45.925
25861	1175568.775	48.275
25862	1175617.050	45.783
25863	1175662.833	39.800
25864	1175702.633	49.558
25865	1175752.192	45.000
25866	1175797.192	46.475
25867	1175843.667	45.625
25868	1175889.292	46.008

Weld	Distance (ft.)	Joint Length (ft.)
25869	1175935.300	46.283
25870	1175981.583	46.308
25871	1176027.892	46.042
25872	1176073.933	46.208
25873	1176120.142	50.742
25874	1176170.883	46.925
25875	1176217.808	46.158
25876	1176263.967	49.292
25877	1176313.258	43.458
25878	1176356.717	43.800
25879	1176400.517	44.642
25880	1176445.158	46.600
25881	1176491.758	50.067
25882	1176541.825	50.083
25883	1176591.908	44.375
25884	1176636.283	50.983
25885	1176687.267	48.983
25886	1176736.250	43 492
25887	1176779.742	49.250
25888	1176828.992	50.625
25889	1176879.617	49.492
25890	1176929.108	49.767
25891	1176978 875	50.017
25892	1177028.892	49.450
25893	1177078.342	49.775
25894	1177128.117	50 525
25895	1177178.642	49 783
25896	1177228.425	49.500
25897	1177277 925	49.425
25898	1177327.350	47.175
25899	1177374.525	46.883
25900	1177421.408	47 825
25901	1177469.233	49.192
25902	1177518.425	49.667
25903	1177568 092	50.483
25904	1177618.575	50.325
25905	1177668.900	48.017
25906	1177716.917	47.942
25907	1177764.858	48.675
25908	1177813.533	44.300
25909	1177857.833	46.817
25910	1177904.650	47.750
25911	1177952.400	43.725
25912	1177996.125	50.150
25913	1178046.275	47.775
25914	1178094.050	47.075
25915	1178141 125	49.300
25916	1178190.425	49.408
25917	1178239.833	49.700
25918	1178289.533	43 917
25919	1178333.450	49 067
25920	1178382.517	46.067
25921	1178428.583	44.025
25922	1178472.608	46.125
25923	1178518.733	44.675
25924	1178563.408	45.008
25925	1178608 417	44.592
25926	1178653.008	49.625

Weld	Distance (ft.)	Joint Length (ft.)
25927	1178702 633	50.833
25928	1178753.467	49.275
25929	1178802.742	50.725
25930	1178853.467	50 125
25931	1178903.592	33.950
25932	1178937.542	49.225
25933	1178986.767	49.258
25934	1179036.025	47.275
25935	1179083.300	49.075
25936	1179132.375	50.458
25937	1179182.833	37.317
25938	1179220.150	52.017
25939	1179272 167	49.217
25940	1179321.383	50.775
25941	1179372.158	49.917
25942	1179422.075	47.467
25943	1179469.542	48 767
25944	1179518 308	49.192
25945	1179567.500	49.458
25946	1179616.958	50.717
25947	1179667.675	49 608
25948	1179717.283	50 133
25949	1179767.417	49.917
25950	1179817.333	50.283
25951	1179867.617	51.100
25952	1179918.717	50.558
25953	1179969 275	49.750
25954	1180019.025	33.633
25955	1180052.658	49.125
25956	1180101.783	33.642
25957	1180135.425	47 208
25958	1180182 633	50.058
25959	1180232.692	47.350
25960	1180280.042	49.242
25961	1180329.283	47.683
25962	1180376.967	43.383
25963	1180420.350	49.717
25964	1180470.067	43.725
25965	1180513.792	47 625
25966	1180561 417	48.742
25967	1180610.158	50.183
25968	1180660.342	50.875
25969	1180711.217	48.875
25970	1180760.092	42.983
25971	1180803.075	46.658
25972	1180849.733	46.517
25973	1180896.250	49 217
25974	1180945.467	48.567
25975	1180994.033	44.233
25976	1181038.267	49.550
25977	1181087 817	45 108
25978	1181132.925	46.900
25979	1181179.825	51.067
25980	1181230.892	50.283
25981	1181281 175	47 300
25982	1181328.475	49.900
25983	1181378.375	46.733
25984	1181425 108	50.950

Weld	Distance (ft.)	Joint Length (ft.)
25985	1181476 058	50.475
25986	1181526.533	49 917
25987	1181576.450	45.708
25988	1181622.158	46.100
25989	1181668.258	49.525
25990	1181717.783	50.517
25991	1181768.300	45 525
25992	1181813.825	44.300
25993	1181858.125	46.092
25994	1181904.217	50.225
25995	1181954.442	50.425
25996	1182004.867	48.642
25997	1182053.508	50.342
25998	1182103.850	49.600
25999	1182153 450	44 592
26000	1182198.042	46.033
26001	1182244.075	51.442
26002	1182295.517	48.542
26003	1182344.058	48 617
26004	1182392 675	45 358
26005	1182438.033	44.558
26006	1182482.592	47.258
26007	1182529.850	44.400
26008	1182574.250	43.008
26009	1182617.258	41.650
26010	1182658.908	48.008
26011	1182706.917	43.842
26012	1182750.758	48.483
26013	1182799.242	47 108
26014	1182846.350	50.558
26015	1182896.908	50.933
26016	1182947.842	51.258
26017	1182999 100	50 633
26018	1183049.733	37.867
26019	1183087.600	46.475
26020	1183134.075	45.500
26021	1183179.575	47.300
26022	1183226 875	46.108
26023	1183272.983	45.683
26024	1183318.667	46.408
26025	1183365.075	43.625
26026	1183408.700	42.008
26027	1183450.708	44.325
26028	1183495.033	47.358
26029	1183542.392	47.058
26030	1183589.450	48.192
26031	1183637.642	47.300
26032	1183684.942	46 867
26033	1183731.808	46.467
26034	1183778 275	45.333
26035	1183823.608	45.867
26036	1183869.475	47.308
26037	1183916.783	46.775
26038	1183963.558	45.483
26039	1184009.042	44.867
26040	1184053.908	48.933
26041	1184102.842	47.967
26042	1184150 808	48.967

Weld	Distance (ft.)	Joint Length (ft.)
26043	1184199.775	46.525
26044	1184246.300	42.842
26045	1184289.142	38.275
26046	1184327.417	48 858
26047	1184376.275	50.883
26048	1184427.158	48 417
26049	1184475.575	51.425
26050	1184527.000	51.725
26051	1184578 725	49.500
26052	1184628 225	49.050
26053	1184677.275	50.592
26054	1184727.867	49 683
26055	1184777.550	50.683
26056	1184828.233	51.008
26057	1184879.242	49.008
26058	1184928 250	34.308
26059	1184962.558	51.033
26060	1185013.592	45.192
26061	1185058 783	49.408
26062	1185108 192	46.817
26063	1185155.008	48.950
26064	1185203.958	45 858
26065	1185249.817	50.092
26066	1185299.908	46.042
26067	1185345 950	49.475
26068	1185395.425	49.500
26069	1185444.925	44 367
26070	1185489.292	46.300
26071	1185535 592	48.700
26072	1185584.292	46 508
26073	1185630.800	48.792
26074	1185679.592	43 858
26075	1185723 450	48.450
26076	1185771.900	43.067
26077	1185814.967	49 450
26078	1185864.417	49.892
26079	1185914.308	45.750
26080	1185960 058	49.417
26081	1186009.475	43.425
26082	1186052.900	52.083
26083	1186104.983	33.175
26084	1186138 158	49.533
26085	1186187.692	47 842
26086	1186235 533	46 308
26087	1186281.842	47.167
26088	1186329.008	49.475
26089	1186378.483	50.717
26090	1186429.200	45.017
26091	1186474 217	43.808
26092	1186518.025	46.850
26093	1186564.875	49.875
26094	1186614.750	44.875
26095	1186659.625	48.700
26096	1186708.325	48.867
26097	1186757.192	49.633
26098	1186806.825	50 625
26099	1186857.450	48.825
26100	1186906.275	47.375

Weld	Distance (ft.)	Joint Length (ft.)
26101	1186953 650	48.742
26102	1187002.392	49.683
26103	1187052.075	50.325
26104	1187102.400	50.425
26105	1187152.825	49.025
26106	1187201.850	44.042
26107	1187245.892	48.167
26108	1187294.058	49.775
26109	1187343.833	50.225
26110	1187394.058	50 575
26111	1187444 633	49.742
26112	1187494.375	50 625
26113	1187545.000	51.458
26114	1187596.458	50.558
26115	1187647.017	51.300
26116	1187698.317	50.758
26117	1187749 075	50.417
26118	1187799 492	49.858
26119	1187849.350	50.517
26120	1187899.867	50.833
26121	1187950.700	49.900
26122	1188000.600	48.358
26123	1188048.958	49.517
26124	1188098.475	49 375
26125	1188147.850	50.100
26126	1188197.950	41.892
26127	1188239.842	49.858
26128	1188289.700	30.975
26129	1188320.675	31.583
26130	1188352.258	49.267
26131	1188401 525	47.033
26132	1188448.558	48 433
26133	1188496.992	48.483
26134	1188545.475	50.017
26135	1188595.492	48.717
26136	1188644.208	43.450
26137	1188687.658	38 842
26138	1188726.500	47.017
26139	1188773.517	50.383
26140	1188823.900	42.783
26141	1188866.683	51.300
26142	1188917.983	41.325
26143	1188959.308	46.358
26144	1189005.667	50.133
26145	1189055.800	48.683
26146	1189104.483	50.200
26147	1189154.683	47.742
26148	1189202 425	49.433
26149	1189251.858	49.092
26150	1189300.950	47.300
26151	1189348.250	48.000
26152	1189396.250	45.025
26153	1189441 275	49.333
26154	1189490 608	51.367
26155	1189541.975	50.025
26156	1189592.000	45.892
26157	1189637 892	50.358
26158	1189688.250	50 517
26159	1189738.767	31.208
26160	1189769 975	40.917
26161	1189810.892	47.575
26162	1189858.467	51.225
26163	1189909.692	44 392
26164	1189954.083	46.467
26165	1190000.550	49.167
26166	1190049.717	51.308
26167	1190101.025	49.850
26168	1190150.875	48.467
26169	1190199.342	49.450
26170	1190248.792	48.917
26171	1190297 708	50.708
26172	1190348.417	50.192
26173	1190398.608	49.633
26174	1190448.242	47.792
26175	1190496.033	49.850
26176	1190545.883	50.667
26177	1190596.550	46.733
26178	1190643.283	30 483
26179	1190673.767	50 667
26180	1190724.433	45.317
26181	1190769.750	44.608
26182	1190814.358	34.067
26183	1190848.425	46.483
26184	1190894 908	48.633
26185	1190943 542	50.367
26186	1190993.908	46.100
26187	1191040.008	50.925
26188	1191090.933	50.117
26189	1191141.050	40.492
26190	1191181 542	45.942
26191	1191227.483	40.133
26192	1191267.617	39.517
26193	1191307.133	43.467
26194	1191350.600	47.367
26195	1191397.967	50.283
26196	1191448 250	50.575
26197	1191498.825	47.125
26198	1191545.950	37.342
26199	1191583.292	51.567
26200	1191634.858	50.167
26201	1191685.025	48.558
26202	1191733.583	51.025
26203	1191784.608	37.150
26204	1191821.758	48.583
26205	1191870.342	46.508
26206	1191916.850	47.567
26207	1191964.417	39 125
26208	1192003.542	47.175
26209	1192050.717	44.400
26210	1192095.117	46.542
26211	1192141.658	51.317
26212	1192192.975	51.725
26213	1192244.700	43.483
26214	1192288.183	49.608
26215	1192337.792	46.917
26216	1192384.708	48.433
26217	1192433.142	12.950
26218	1192446.092	47.167
26219	1192493.258	38.125
26220	1192531.383	33.533
26221	1192564.917	49.383
26222	1192614.300	46.925
26223	1192661.225	49.417
26224	1192710 642	45.733
26225	1192756.375	44.725
26226	1192801.100	46.933
26227	1192848.033	46.333
26228	1192894.367	45.033
26229	1192939.400	42.400
26230	1192981.800	45.525
26231	1193027.325	44.875
26232	1193072.200	48.017
26233	1193120.217	48.100
26234	1193168.317	43.917
26235	1193212.233	44.733
26236	1193256.967	46.842
26237	1193303.808	47.308
26238	1193351.117	43 842
26239	1193394.958	50.833
26240	1193445.792	46.892
26241	1193492.683	43.008
26242	1193535.692	46.725
26243	1193582.417	48.692
26244	1193631.108	43.100
26245	1193674.208	49.933
26246	1193724.142	52.158
26247	1193776.300	50.658
26248	1193826.958	47.067
26249	1193874.025	45.208
26250	1193919.233	50.142
26251	1193969.375	42.642
26252	1194012.017	20.225
26253	1194032.242	51.725
26254	1194083.967	28.675
26255	1194112.642	50.883
26256	1194163.525	44.675
26257	1194208.200	51.200
26258	1194259.400	49.050
26259	1194308.450	42.275
26260	1194350.725	35.758
26261	1194386.483	50.258
26262	1194436.742	49.358
26263	1194486.100	49.075
26264	1194535.175	50.383
26265	1194585.558	43.558
26266	1194629.117	49.975
26267	1194679 092	47.458
26268	1194726.550	50.900
26269	1194777.450	51.783
26270	1194829.233	49.942
26271	1194879.175	49.800
26272	1194928 975	45.733
26273	1194974.708	51.275
26274	1195025.983	50.517

Weld	Distance (ft.)	Joint Length (ft.)
26275	1195076 500	51 775
26276	1195128.275	47 167
26277	1195175.442	48.158
26278	1195223.600	36.842
26279	1195260.442	49.575
26280	1195310 017	41 525
26281	1195351.542	47.275
26282	1195398.817	48.925
26283	1195447.742	51.708
26284	1195499.450	50.917
26285	1195550.367	49.692
26286	1195600.058	50.658
26287	1195650.717	51.500
26288	1195702.217	50.500
26289	1195752.717	50.592
26290	1195803.308	44.158
26291	1195847.467	51.092
26292	1195898.558	12 617
26293	1195911.175	4.742
26294	1195915 917	49 292
26295	1195965.208	42.867
26296	1196008.075	51.383
26297	1196059.458	46.975
26298	1196106.433	44.633
26299	1196151.067	49.450
26300	1196200.517	49.542
26301	1196250 058	52.433
26302	1196302 492	46.667
26303	1196349.158	39.167
26304	1196388.325	46.792
26305	1196435.117	46.100
26306	1196481 217	48 692
26307	1196529.908	50.758
26308	1196580.667	50.433
26309	1196631.100	43.167
26310	1196674.267	47.133
26311	1196721.400	47.983
26312	1196769.383	45.608
26313	1196814.992	50 908
26314	1196865.900	48.550
26315	1196914.450	49.958
26316	1196964 408	48.117
26317	1197012.525	50.417
26318	1197062.942	47.225
26319	1197110 167	45 325
26320	1197155.492	48.150
26321	1197203 642	49.958
26322	1197253 600	50.700
26323	1197304.300	32.083
26324	1197336.383	30.850
26325	1197367.233	46 475
26326	1197413.708	39.883
26327	1197453.592	37.125
26328	1197490 717	42.808
26329	1197533.525	51.867
26330	1197585.392	45.150
26331	1197630.542	50.692
26332	1197681.233	50 908

Weld	Distance (ft.)	Joint Length (ft.)
26333	1197732.142	49.025
26334	1197781.167	44.650
26335	1197825.817	44.175
26336	1197869.992	51.658
26337	1197921.650	46.408
26338	1197968.058	40.300
26339	1198008.358	48.750
26340	1198057 108	49.558
26341	1198106.667	50.975
26342	1198157.642	51.067
26343	1198208.708	43.783
26344	1198252.492	49.683
26345	1198302.175	49 542
26346	1198351.717	48.717
26347	1198400.433	50.542
26348	1198450.975	51.200
26349	1198502.175	49.417
26350	1198551.592	40.608
26351	1198592.200	50.808
26352	1198643.008	46.675
26353	1198689.683	49.100
26354	1198738.783	40.708
26355	1198779.492	48.933
26356	1198828.425	39.075
26357	1198867.500	49 167
26358	1198916.667	49.200
26359	1198965.867	35.825
26360	1199001.692	48.492
26361	1199050.183	49.283
26362	1199099.467	48.958
26363	1199148 425	48.733
26364	1199197.158	49.008
26365	1199246.167	48.358
26366	1199294.525	49.267
26367	1199343.792	48.708
26368	1199392.500	45.958
26369	1199438.458	46.567
26370	1199485.025	49.108
26371	1199534.133	49.000
26372	1199583.133	13 017
26373	1199596.150	45.967
26374	1199642.117	47.758
26375	1199689.875	52.675
26376	1199742.550	50.700
26377	1199793.250	49.892
26378	1199843.142	43.333
26379	1199886.475	49.975
26380	1199936 450	44.408
26381	1199980.858	50.850
26382	1200031.708	50 058
26383	1200081 767	44 917
26384	1200126.683	49.158
26385	1200175.842	50 300
26386	1200226.142	51.717
26387	1200277.858	44.325
26388	1200322.183	50.550
26389	1200372.733	43 817
26390	1200416 550	49 517

Weld	Distance (ft.)	Joint Length (ft.)
26391	1200466.067	44.742
26392	1200510.808	46.892
26393	1200557.700	48.750
26394	1200606.450	40 000
26395	1200646.450	51.017
26396	1200697.467	45.850
26397	1200743 317	42.383
26398	1200785 700	30.983
26399	1200816.683	44.583
26400	1200861.267	21 833
26401	1200883.100	42.825
26402	1200925.925	25.225
26403	1200951.150	48.867
26404	1201000 017	50.075
26405	1201050.092	46 117
26406	1201096.208	49 750
26407	1201145.958	44.292
26408	1201190 250	43.533
26409	1201233.783	48.050
26410	1201281.833	4 850
26411	1201286.683	49.408
26412	1201336.092	49.575
26413	1201385.667	48.600
26414	1201434.267	41.117
26415	1201475.383	47.650
26416	1201523 033	48.192
26417	1201571.225	47.417
26418	1201618.642	48.808
26419	1201667.450	45 133
26420	1201712.583	47.900
26421	1201760 483	42.108
26422	1201802.592	49.250
26423	1201851.842	46.925
26424	1201898.767	49.633
26425	1201948 400	50.567
26426	1201998.967	48 458
26427	1202047.425	50.092
26428	1202097.517	49.617
26429	1202147.133	49.742
26430	1202196.875	49 408
26431	1202246.283	50.117
26432	1202296 400	46.450
26433	1202342 850	49 675
26434	1202392.525	45.800
26435	1202438 325	51.367
26436	1202489.692	44.917
26437	1202534.608	49.775
26438	1202584.383	48.758
26439	1202633.142	50.733
26440	1202683.875	49 842
26441	1202733.717	50.483
26442	1202784.200	45.542
26443	1202829.742	48.667
26444	1202878.408	41 583
26445	1202919.992	49.075
26446	1202969.067	48.767
26447	1203017 833	44 475
26448	1203062.308	48.308

Weld	Distance (ft.)	Joint Length (ft.)
26449	1203110 617	50.092
26450	1203160.708	50.750
26451	1203211 458	50.500
26452	1203261.958	48.633
26453	1203310.592	49.542
26454	1203360.133	49.617
26455	1203409.750	50.092
26456	1203459.842	44.433
26457	1203504.275	48.725
26458	1203553.000	45.825
26459	1203598.825	49.775
26460	1203648.600	48 650
26461	1203697.250	45.342
26462	1203742.592	45.158
26463	1203787.750	45.725
26464	1203833.475	49.250
26465	1203882.725	44.292
26466	1203927 017	46.075
26467	1203973.092	46 300
26468	1204019.392	51 525
26469	1204070.917	48.075
26470	1204118.992	42.492
26471	1204161.483	44.925
26472	1204206.408	44.250
26473	1204250.658	44.125
26474	1204294.783	45 167
26475	1204339.950	49.425
26476	1204389.375	49.417
26477	1204438 792	49.942
26478	1204488 733	46.617
26479	1204535.350	50.375
26480	1204585.725	50.742
26481	1204636.467	49.092
26482	1204685.558	49.058
26483	1204734 617	45.283
26484	1204779.900	50.942
26485	1204830.842	44 625
26486	1204875.467	50.175
26487	1204925.642	45.675
26488	1204971.317	44.392
26489	1205015.708	44 267
26490	1205059.975	46 092
26491	1205106.067	41.142
26492	1205147.208	51.092
26493	1205198 300	51.067
26494	1205249.367	50.083
26495	1205299.450	45.442
26496	1205344.892	50.092
26497	1205394.983	43.517
26498	1205438 500	46.308
26499	1205484.808	43 450
26500	1205528.258	51.392
26501	1205579.650	49.292
26502	1205628 942	50.233
26503	1205679.175	45 625
26504	1205724.800	44 333
26505	1205769.133	47.633
26506	1205816 767	48.442

Weld	Distance (ft.)	Joint Length (ft.)
26507	1205865.208	46.758
26508	1205911.967	45.758
26509	1205957.725	45.458
26510	1206003 183	48.975
26511	1206052.158	46 058
26512	1206098.217	49 900
26513	1206148.117	14.883
26514	1206163.000	46.733
26515	1206209.733	51.833
26516	1206261.567	31.625
26517	1206293.192	45.483
26518	1206338.675	46.867
26519	1206385.542	44 575
26520	1206430.117	46.892
26521	1206477.008	46.942
26522	1206523.950	48.308
26523	1206572.258	47.958
26524	1206620 217	45.400
26525	1206665.617	45.000
26526	1206710.617	45.533
26527	1206756.150	49.842
26528	1206805.992	46.417
26529	1206852.408	48.958
26530	1206901.367	45.758
26531	1206947.125	47.242
26532	1206994 367	44.725
26533	1207039.092	45.483
26534	1207084.575	47.733
26535	1207132.308	48.250
26536	1207180.558	44.292
26537	1207224 850	49.175
26538	1207274.025	49 850
26539	1207323.875	51.000
26540	1207374.875	50.892
26541	1207425.767	46.642
26542	1207472 408	49.542
26543	1207521.950	49.450
26544	1207571.400	51.883
26545	1207623.283	49.500
26546	1207672.783	51.058
26547	1207723.842	48 817
26548	1207772.658	49 092
26549	1207821.750	48.550
26550	1207870.300	49.858
26551	1207920.158	48.667
26552	1207968.825	49.817
26553	1208018.642	49.100
26554	1208067.742	50.183
26555	1208117.925	50.767
26556	1208168.692	47.792
26557	1208216.483	45 308
26558	1208261.792	51 258
26559	1208313.050	50.325
26560	1208363.375	46.700
26561	1208410.075	49.242
26562	1208459.317	46 833
26563	1208506.150	44.575
26564	1208550.725	48.717

Weld	Distance (ft.)	Joint Length (ft.)
26565	1208599.442	49.017
26566	1208648.458	48.608
26567	1208697.067	50.542
26568	1208747.608	50.208
26569	1208797.817	49.208
26570	1208847.025	47.983
26571	1208895.008	48 158
26572	1208943 167	48.358
26573	1208991.525	48.175
26574	1209039.700	48.983
26575	1209088.683	49.567
26576	1209138.250	50.642
26577	1209188.892	51.817
26578	1209240 708	50.592
26579	1209291.300	49.783
26580	1209341.083	48.442
26581	1209389.525	47.192
26582	1209436.717	46.642
26583	1209483.358	51.733
26584	1209535.092	49.600
26585	1209584.692	36.950
26586	1209621.642	49.850
26587	1209671.492	47.425
26588	1209718.917	48.575
26589	1209767.492	49.083
26590	1209816.575	47.192
26591	1209863.767	51 467
26592	1209915.233	40.317
26593	1209955.550	39.725
26594	1209995.275	47.275
26595	1210042.550	49.333
26596	1210091.883	50.217
26597	1210142.100	48 492
26598	1210190.592	51.375
26599	1210241.967	49.200
26600	1210291.167	47.617
26601	1210338.783	49.983
26602	1210388.767	51 508
26603	1210440.275	50.800
26604	1210491.075	49.375
26605	1210540.450	50.858
26606	1210591.308	49.433
26607	1210640.742	42.825
26608	1210683 567	42.042
26609	1210725.608	50.642
26610	1210776.250	51.133
26611	1210827.383	42.017
26612	1210869.400	46.858
26613	1210916 258	50.200
26614	1210966.458	47.067
26615	1211013.525	47.167
26616	1211060.692	49.467
26617	1211110.158	39.600
26618	1211149.758	48.933
26619	1211198.692	49.050
26620	1211247.742	50.208
26621	1211297.950	50.875
26622	1211348.825	51.300

Weld	Distance (ft.)	Joint Length (ft.)
26623	1211400.125	44.375
26624	1211444.500	43 292
26625	1211487.792	50.067
26626	1211537.858	50.142
26627	1211588 000	48.767
26628	1211636.767	51.150
26629	1211687.917	47.750
26630	1211735.667	49.867
26631	1211785.533	49.533
26632	1211835.067	48.650
26633	1211883.717	49.850
26634	1211933.567	49.742
26635	1211983.308	50.383
26636	1212033.692	50 283
26637	1212083.975	48.558
26638	1212132.533	44.550
26639	1212177.083	50.283
26640	1212227.367	50.125
26641	1212277.492	49.492
26642	1212326.983	45.892
26643	1212372.875	50.292
26644	1212423.167	49.733
26645	1212472.900	42.075
26646	1212514 975	46.475
26647	1212561 450	50.492
26648	1212611.942	48.767
26649	1212660.708	49.550
26650	1212710.258	49.625
26651	1212759.883	49 642
26652	1212809.525	48.492
26653	1212858.017	45.275
26654	1212903.292	51 200
26655	1212954.492	48.042
26656	1213002.533	51.233
26657	1213053.767	48.167
26658	1213101.933	45.933
26659	1213147.867	49.800
26660	1213197.667	49 008
26661	1213246.675	45.575
26662	1213292.250	46.967
26663	1213339.217	50.550
26664	1213389.767	44.775
26665	1213434.542	50.225
26666	1213484.767	42.742
26667	1213527.508	45.075
26668	1213572.583	48.233
26669	1213620.817	45 300
26670	1213666.117	46.808
26671	1213712.925	43.283
26672	1213756.208	18.308
26673	1213774.517	45.725
26674	1213820 242	47.000
26675	1213867.242	50 175
26676	1213917.417	20.992
26677	1213938 408	21.492
26678	1213959.900	50 042
26679	1214009.942	52.083
26680	1214062.025	42.608

Weld	Distance (ft.)	Joint Length (ft.)
26681	1214104.633	45.667
26682	1214150.300	47 358
26683	1214197.658	44.975
26684	1214242 633	44.008
26685	1214286.642	45.433
26686	1214332.075	48.300
26687	1214380.375	50.308
26688	1214430.683	37.125
26689	1214467.808	45.192
26690	1214513 000	39.883
26691	1214552.883	39 308
26692	1214592.192	50.425
26693	1214642.617	47.308
26694	1214689 925	38.125
26695	1214728.050	48.125
26696	1214776.175	50.775
26697	1214826.950	48.375
26698	1214875.325	47.533
26699	1214922.858	42 175
26700	1214965.033	50.992
26701	1215016.025	43.558
26702	1215059.583	44 850
26703	1215104.433	46.992
26704	1215151.425	38.000
26705	1215189 425	43 533
26706	1215232.958	43 725
26707	1215276.683	38.067
26708	1215314.750	45.017
26709	1215359.767	42.633
26710	1215402.400	42.742
26711	1215445 142	45.642
26712	1215490.783	44.600
26713	1215535.383	46.325
26714	1215581.708	45.183
26715	1215626.892	45.633
26716	1215672.525	44.417
26717	1215716.942	45.892
26718	1215762.833	46.325
26719	1215809.158	47.542
26720	1215856.700	43.683
26721	1215900.383	43.592
26722	1215943.975	43.833
26723	1215987.808	43.233
26724	1216031.042	44.592
26725	1216075.633	40 792
26726	1216116.425	42.783
26727	1216159 208	39.400
26728	1216198.608	51.000
26729	1216249.608	45.408
26730	1216295.017	50 342
26731	1216345.358	45.442
26732	1216390.800	50.808
26733	1216441 608	49.667
26734	1216491.275	45.967
26735	1216537.242	50.867
26736	1216588 108	49.200
26737	1216637.308	46.975
26738	1216684.283	49.217

Weld	Distance (ft.)	Joint Length (ft.)
26739	1216733.500	48.850
26740	1216782.350	50.317
26741	1216832.667	48.858
26742	1216881.525	46.358
26743	1216927.883	49.533
26744	1216977.417	48.417
26745	1217025.833	50.317
26746	1217076.150	50.575
26747	1217126.725	44.958
26748	1217171.683	50.383
26749	1217222.067	38.217
26750	1217260.283	45.225
26751	1217305.508	44.000
26752	1217349.508	48.792
26753	1217398.300	49.542
26754	1217447.842	44.658
26755	1217492.500	49 100
26756	1217541.600	45.158
26757	1217586.758	46.267
26758	1217633.025	46.000
26759	1217679.025	47.358
26760	1217726.383	43.142
26761	1217769.525	49.233
26762	1217818.758	46.700
26763	1217865.458	36.442
26764	1217901.900	47.392
26765	1217949.292	43.958
26766	1217993 250	49.142
26767	1218042.392	43 375
26768	1218085.767	32.192
26769	1218117.958	38.108
26770	1218156.067	44.275
26771	1218200.342	43.150
26772	1218243.492	48.733
26773	1218292.225	50 150
26774	1218342.375	51.308
26775	1218393.683	51.708
26776	1218445.392	49.317
26777	1218494.708	48 692
26778	1218543.400	39.725
26779	1218583.125	45.300
26780	1218628.425	49.942
26781	1218678.367	48.892
26782	1218727.258	44.792
26783	1218772 050	49 042
26784	1218821.092	48.108
26785	1218869 200	11 367
26786	1218880.567	14.683
26787	1218895.250	28.975
26788	1218924 225	39.542
26789	1218963.767	51.633
26790	1219015.400	49.292
26791	1219064.692	50.592
26792	1219115 283	48.908
26793	1219164.192	48.558
26794	1219212.750	51.417
26795	1219264.167	47.667
26796	1219311.833	48 667

Weld	Distance (ft.)	Joint Length (ft.)
26797	1219360.500	50.567
26798	1219411.067	49.908
26799	1219460.975	49.042
26800	1219510.017	48.117
26801	1219558.133	48.167
26802	1219606 300	44.933
26803	1219651 233	45.933
26804	1219697.167	47.992
26805	1219745.158	36.833
26806	1219781.992	45.442
26807	1219827.433	46.125
26808	1219873.558	43.417
26809	1219916.975	50.458
26810	1219967 433	46.933
26811	1220014.367	50.433
26812	1220064.800	44 500
26813	1220109 300	49.567
26814	1220158.867	45.533
26815	1220204.400	47.925
26816	1220252.325	46.267
26817	1220298.592	47.367
26818	1220345.958	43.075
26819	1220389.033	45.000
26820	1220434.033	46 650
26821	1220480.683	45.283
26822	1220525.967	47.242
26823	1220573.208	48.475
26824	1220621.683	45.808
26825	1220667.492	46.058
26826	1220713 550	46.475
26827	1220760 025	47.367
26828	1220807.392	51.108
26829	1220858.500	45.125
26830	1220903.625	44.533
26831	1220948 158	39.158
26832	1220987.317	44.550
26833	1221031.867	48.300
26834	1221080.167	49.067
26835	1221129.233	51.167
26836	1221180.400	49.008
26837	1221229 408	50.450
26838	1221279 858	46.633
26839	1221326.492	33 775
26840	1221360.267	44.867
26841	1221405.133	49.508
26842	1221454.642	44.875
26843	1221499.517	48 317
26844	1221547.833	31.642
26845	1221579.475	46.508
26846	1221625.983	48.650
26847	1221674 633	46.867
26848	1221721 500	48.417
26849	1221769.917	46.458
26850	1221816.375	50.442
26851	1221866 817	37.250
26852	1221904.067	49 325
26853	1221953.392	49 425
26854	1222002.817	49.283

Weld	Distance (ft.)	Joint Length (ft.)
26855	1222052.100	50.033
26856	1222102.133	50.358
26857	1222152.492	49.767
26858	1222202.258	48.167
26859	1222250.425	47.458
26860	1222297.883	49.858
26861	1222347.742	49.808
26862	1222397.550	50.650
26863	1222448.200	50.842
26864	1222499.042	52.083
26865	1222551.125	47.742
26866	1222598.867	51.050
26867	1222649 917	49 783
26868	1222699.700	49.517
26869	1222749.217	49.842
26870	1222799.058	49.700
26871	1222848.758	51.658
26872	1222900.417	49.833
26873	1222950.250	50.050
26874	1223000.300	49.400
26875	1223049 700	48.167
26876	1223097.867	49 033
26877	1223146.900	45.792
26878	1223192.692	50.258
26879	1223242.950	49.950
26880	1223292.900	31.317
26881	1223324 217	47.892
26882	1223372 108	42.325
26883	1223414.433	46.225
26884	1223460.658	46.183
26885	1223506.842	46.225
26886	1223553.067	48.683
26887	1223601.750	47 125
26888	1223648.875	47.592
26889	1223696.467	46.742
26890	1223743.208	46.425
26891	1223789.633	47.733
26892	1223837.367	45.692
26893	1223883.058	47.017
26894	1223930.075	44.342
26895	1223974.417	8.892
26896	1223983.308	4.800
26897	1223988.108	11.442
26898	1223999 550	41.842
26899	1224041.392	30.683
26900	1224072.075	20.275
26901	1224092.350	4.883
26902	1224097.233	13.492
26903	1224110.725	30 325
26904	1224141.050	13.675
26905	1224154.725	10.275
26906	1224165.000	20.975
26907	1224185 975	3.358
26908	1224189.333	2.567
26909	1224191.900	4.383
26910	1224196.283	5.150
26911	1224201.433	4.158
26912	1224205.592	2 742

Weld	Distance (ft.)	Joint Length (ft.)
26913	1224208.333	9.717
26914	1224218.050	2.533
26915	1224220.583	9.875
26916	1224230.458	4.675
26917	1224235.133	9.375
26918	1224244.508	2.508
26919	1224247.017	5 333
26920	1224252.350	19.383
26921	1224271.733	11.483
26922	1224283.217	35.333
26923	1224318.550	20.675
26924	1224339.225	28.350
26925	1224367.575	40.325
26926	1224407.900	4.783
26927	1224412.683	4 975
26928	1224417.658	7.275
26929	1224424.933	10.925
26930	1224435.858	7.000
26931	1224442.858	1.025
26932	1224443.883	41.458
26933	1224485 342	19.425
26934	1224504.767	46 333
26935	1224551.100	49.942
26936	1224601.042	49.167
26937	1224650.208	49.333
26938	1224699.542	48.925
26939	1224748.467	49.200
26940	1224797.667	47.392
26941	1224845.058	45.567
26942	1224890.625	35.100
26943	1224925.725	45.833
26944	1224971.558	50.608
26945	1225022.167	46.608
26946	1225068.775	46.800
26947	1225115.575	44.808
26948	1225160.383	44.467
26949	1225204.850	46.867
26950	1225251.717	45.367
26951	1225297 083	45.942
26952	1225343.025	49.017
26953	1225392.042	49.508
26954	1225441.550	49.875
26955	1225491.425	46.242
26956	1225537.667	42.825
26957	1225580.492	51.708
26958	1225632.200	37.925
26959	1225670.125	49.767
26960	1225719.892	46.275
26961	1225766.167	34.875
26962	1225801.042	47.525
26963	1225848.567	45.475
26964	1225894.042	46.000
26965	1225940.042	47.717
26966	1225987 758	49.050
26967	1226036.808	41 892
26968	1226078.700	44.850
26969	1226123.550	44.750
26970	1226168.300	46.550

Weld	Distance (ft.)	Joint Length (ft.)
26971	1226214.850	49.050
26972	1226263.900	38.667
26973	1226302.567	46.983
26974	1226349 550	46 458
26975	1226396.008	48.267
26976	1226444.275	45.742
26977	1226490.017	46.900
26978	1226536 917	50 492
26979	1226587.408	45.267
26980	1226632.675	42.792
26981	1226675.467	50.192
26982	1226725.658	49.000
26983	1226774 658	49 350
26984	1226824.008	41.958
26985	1226865.967	46.933
26986	1226912.900	46.558
26987	1226959.458	40.500
26988	1226999.958	41 575
26989	1227041.533	47.450
26990	1227088 983	47.975
26991	1227136.958	44.525
26992	1227181.483	45.250
26993	1227226.733	50.100
26994	1227276 833	39.258
26995	1227316 092	51.400
26996	1227367.492	46.083
26997	1227413.575	46.692
26998	1227460 267	44.617
26999	1227504.883	49.675
27000	1227554.558	45.958
27001	1227600 517	47 733
27002	1227648.250	48.767
27003	1227697.017	48.958
27004	1227745.975	49 975
27005	1227795.950	33.725
27006	1227829.675	35.208
27007	1227864.883	38 142
27008	1227903.025	50 975
27009	1227954.000	50.933
27010	1228004 933	51.033
27011	1228055.967	48 542
27012	1228104.508	48.117
27013	1228152.625	49.617
27014	1228202.242	43.533
27015	1228245.775	49.558
27016	1228295.333	48.050
27017	1228343.383	50.667
27018	1228394 050	41.692
27019	1228435.742	49.608
27020	1228485.350	50.117
27021	1228535 467	49.750
27022	1228585.217	48 350
27023	1228633.567	39.567
27024	1228673.133	46.567
27025	1228719.700	49.867
27026	1228769.567	43.292
27027	1228812 858	50.833
27028	1228863.692	51.100

Weld	Distance (ft.)	Joint Length (ft.)
27029	1228914.792	46.900
27030	1228961.692	48.133
27031	1229009.825	45.467
27032	1229055.292	50.908
27033	1229106.200	49.583
27034	1229155.783	47.242
27035	1229203.025	48.833
27036	1229251.858	50.708
27037	1229302.567	44.258
27038	1229346.825	46.358
27039	1229393.183	49 900
27040	1229443.083	45.758
27041	1229488.842	41.825
27042	1229530 667	44.683
27043	1229575.350	44.492
27044	1229619.842	50.258
27045	1229670.100	48.667
27046	1229718.767	48.075
27047	1229766.842	48 133
27048	1229814.975	46 875
27049	1229861.850	48.883
27050	1229910.733	50.642
27051	1229961.375	45 842
27052	1230007.217	48.208
27053	1230055 425	50.192
27054	1230105.617	47.875
27055	1230153.492	47.817
27056	1230201.308	49.042
27057	1230250.350	48.533
27058	1230298.883	47.750
27059	1230346.633	48.217
27060	1230394.850	46.575
27061	1230441.425	48.050
27062	1230489.475	42.800
27063	1230532.275	45.492
27064	1230577.767	45 383
27065	1230623.150	44 842
27066	1230667 992	48.983
27067	1230716.975	44.183
27068	1230761.158	45.592
27069	1230806 750	45.133
27070	1230851.883	47.417
27071	1230899.300	42 267
27072	1230941.567	44.350
27073	1230985.917	51 017
27074	1231036.933	44 733
27075	1231081.667	45.508
27076	1231127.175	48 442
27077	1231175.617	45.667
27078	1231221 283	45.675
27079	1231266.958	43.117
27080	1231310.075	51.267
27081	1231361.342	49.475
27082	1231410 817	48.258
27083	1231459.075	50.992
27084	1231510 067	43.475
27085	1231553.542	44.517
27086	1231598.058	45.733

Weld	Distance (ft.)	Joint Length (ft.)
27087	1231643.792	45.425
27088	1231689.217	50.775
27089	1231739.992	50.025
27090	1231790.017	44.917
27091	1231834.933	47.500
27092	1231882.433	44.292
27093	1231926.725	50.300
27094	1231977.025	44.050
27095	1232021.075	45.608
27096	1232066.683	45.500
27097	1232112.183	47.417
27098	1232159.600	49.175
27099	1232208.775	45.408
27100	1232254.183	48.158
27101	1232302.342	50.308
27102	1232352.650	46.117
27103	1232398.767	45.750
27104	1232444.517	46.208
27105	1232490.725	49.583
27106	1232540.308	43.733
27107	1232584 042	49 683
27108	1232633.725	44.358
27109	1232678.083	49.017
27110	1232727.100	46.950
27111	1232774.050	50.200
27112	1232824.250	49 433
27113	1232873.683	41.742
27114	1232915 425	49 683
27115	1232965.108	44 000
27116	1233009.108	49.433
27117	1233058.542	50.425
27118	1233108.967	47.092
27119	1233156.058	47.933
27120	1233203.992	44.233
27121	1233248.225	46.517
27122	1233294.742	46.517
27123	1233341.258	47.567
27124	1233388 825	38.325
27125	1233427.150	49.400
27126	1233476.550	48.142
27127	1233524 692	49.900
27128	1233574 592	44 825
27129	1233619.417	33.858
27130	1233653.275	47.250
27131	1233700.525	43.983
27132	1233744.508	47.283
27133	1233791.792	45.758
27134	1233837.550	48.758
27135	1233886.308	48.683
27136	1233934 992	46 742
27137	1233981.733	49.842
27138	1234031.575	49.000
27139	1234080.575	48.533
27140	1234129.108	49.533
27141	1234178.642	46.750
27142	1234225.392	48.633
27143	1234274.025	45 300
27144	1234319 325	47.625

Weld	Distance (ft.)	Joint Length (ft.)
27145	1234366 950	46.558
27146	1234413.508	44.500
27147	1234458.008	47 275
27148	1234505.283	48.008
27149	1234553.292	49 517
27150	1234602.808	50.758
27151	1234653.567	43.225
27152	1234696.792	48.975
27153	1234745 767	41.292
27154	1234787.058	36.342
27155	1234823.400	46.200
27156	1234869.600	49.967
27157	1234919.567	46.483
27158	1234966.050	49.558
27159	1235015.608	50.375
27160	1235065.983	45.642
27161	1235111.625	33.717
27162	1235145 342	31.908
27163	1235177.250	46.525
27164	1235223.775	39 908
27165	1235263 683	48.892
27166	1235312.575	48.833
27167	1235361.408	38.383
27168	1235399.792	48.750
27169	1235448.542	43.500
27170	1235492 042	49.658
27171	1235541.700	49.508
27172	1235591 208	37.592
27173	1235628.800	37.525
27174	1235666.325	46.883
27175	1235713.208	44.867
27176	1235758.075	48.450
27177	1235806 525	31.800
27178	1235838 325	48.775
27179	1235887.100	48 192
27180	1235935.292	46.900
27181	1235982.192	50.033
27182	1236032.225	45.758
27183	1236077 983	44.575
27184	1236122.558	48.217
27185	1236170.775	46.283
27186	1236217.058	45.683
27187	1236262.742	45.942
27188	1236308.683	41.850
27189	1236350.533	48.567
27190	1236399 100	40.975
27191	1236440.075	50 083
27192	1236490.158	50.108
27193	1236540.267	49.050
27194	1236589.317	48.850
27195	1236638 167	50.808
27196	1236688.975	46.783
27197	1236735.758	52.158
27198	1236787.917	48.558
27199	1236836 475	49.983
27200	1236886.458	45 650
27201	1236932.108	48 883
27202	1236980.992	47.583

Weld	Distance (ft.)	Joint Length (ft.)
27203	1237028.575	48.592
27204	1237077.167	46.783
27205	1237123.950	48.333
27206	1237172.283	49.017
27207	1237221.300	50.867
27208	1237272.167	46.292
27209	1237318.458	50.742
27210	1237369.200	49.517
27211	1237418.717	44.417
27212	1237463.133	51.625
27213	1237514 758	50.458
27214	1237565.217	50.183
27215	1237615.400	51.767
27216	1237667.167	48.642
27217	1237715.808	48.117
27218	1237763.925	51.175
27219	1237815.100	46 792
27220	1237861.892	49.558
27221	1237911.450	53.017
27222	1237964.467	44.700
27223	1238009.167	46.400
27224	1238055.567	45.392
27225	1238100.958	40.042
27226	1238141.000	45 733
27227	1238186.733	51 608
27228	1238238.342	43 342
27229	1238281.683	48.800
27230	1238330.483	50.133
27231	1238380.617	45.767
27232	1238426.383	48.750
27233	1238475 133	48.808
27234	1238523.942	45.092
27235	1238569.033	49 825
27236	1238618.858	47.417
27237	1238666.275	42.775
27238	1238709.050	48.608
27239	1238757.658	46 317
27240	1238803 975	48.283
27241	1238852 258	48.858
27242	1238901.117	48.492
27243	1238949.608	14.217
27244	1238963.825	50.475
27245	1239014.300	49 217
27246	1239063 517	49.367
27247	1239112.883	34.800
27248	1239147.683	47.942
27249	1239195.625	35.683
27250	1239231.308	44.158
27251	1239275.467	48.642
27252	1239324.108	47.450
27253	1239371.558	47.983
27254	1239419.542	49.992
27255	1239469.533	46.900
27256	1239516.433	49.617
27257	1239566.050	48.542
27258	1239614.592	48.942
27259	1239663.533	47.308
27260	1239710.842	48.333

Weld	Distance (ft.)	Joint Length (ft.)
27261	1239759 175	47.200
27262	1239806.375	48.892
27263	1239855.267	49.100
27264	1239904.367	50.250
27265	1239954.617	48.150
27266	1240002.767	48.708
27267	1240051.475	51.450
27268	1240102.925	44.317
27269	1240147.242	45.217
27270	1240192.458	48.767
27271	1240241.225	43.717
27272	1240284.942	45.100
27273	1240330.042	37 683
27274	1240367.725	38.758
27275	1240406.483	43.625
27276	1240450.108	51.975
27277	1240502.083	52.392
27278	1240554.475	44.792
27279	1240599.267	43.792
27280	1240643.058	47.108
27281	1240690 167	48.858
27282	1240739.025	48.900
27283	1240787.925	49.542
27284	1240837.467	51.100
27285	1240888.567	48.100
27286	1240936.667	45.717
27287	1240982.383	50.217
27288	1241032.600	47.250
27289	1241079.850	39 083
27290	1241118.933	50.767
27291	1241169.700	47.208
27292	1241216.908	52.033
27293	1241268.942	47.033
27294	1241315 975	49.950
27295	1241365.925	47.175
27296	1241413.100	48.833
27297	1241461.933	48.733
27298	1241510.667	50.892
27299	1241561.558	51.617
27300	1241613.175	50 800
27301	1241663.975	45.542
27302	1241709.517	50.675
27303	1241760.192	46.642
27304	1241806.833	45.400
27305	1241852.233	49.858
27306	1241902.092	51 983
27307	1241954.075	43.158
27308	1241997.233	50.908
27309	1242048.142	47.967
27310	1242096.108	49 825
27311	1242145.933	50 692
27312	1242196.625	49.317
27313	1242245.942	49.942
27314	1242295.883	51.133
27315	1242347.017	48.650
27316	1242395.667	49.592
27317	1242445.258	46.267
27318	1242491.525	50.967

Weld	Distance (ft.)	Joint Length (ft.)
27319	1242542.492	48.608
27320	1242591.100	50.175
27321	1242641.275	48.633
27322	1242689 908	49.442
27323	1242739.350	47.767
27324	1242787.117	46.467
27325	1242833.583	49.742
27326	1242883.325	50.375
27327	1242933.700	49.850
27328	1242983.550	48.642
27329	1243032.192	48.858
27330	1243081.050	48.542
27331	1243129.592	49 967
27332	1243179.558	47.675
27333	1243227.233	43.000
27334	1243270.233	48.508
27335	1243318.742	46.267
27336	1243365.008	48.867
27337	1243413.875	49.167
27338	1243463.042	44.400
27339	1243507.442	43.375
27340	1243550.817	46.508
27341	1243597.325	50.167
27342	1243647.492	48.767
27343	1243696.258	47.917
27344	1243744 175	50.025
27345	1243794.200	48.325
27346	1243842.525	50.083
27347	1243892.608	47 267
27348	1243939 875	47.242
27349	1243987.117	45.083
27350	1244032.200	50 042
27351	1244082.242	47.767
27352	1244130 008	48.217
27353	1244178.225	48.308
27354	1244226.533	48.258
27355	1244274.792	51.258
27356	1244326 050	50.108
27357	1244376.158	49.442
27358	1244425.600	47.600
27359	1244473.200	48.042
27360	1244521 242	48.033
27361	1244569.275	49.725
27362	1244619.000	49 000
27363	1244668.000	49.217
27364	1244717.217	47.508
27365	1244764.725	43.350
27366	1244808.075	46.817
27367	1244854.892	47.000
27368	1244901.892	31 133
27369	1244933.025	45 267
27370	1244978.292	48.233
27371	1245026.525	44.383
27372	1245070.908	44.433
27373	1245115.342	50.500
27374	1245165.842	43.508
27375	1245209.350	45.083
27376	1245254.433	40.750

Weld	Distance (ft.)	Joint Length (ft.)
27377	1245295.183	50.400
27378	1245345.583	51.550
27379	1245397.133	48.317
27380	1245445 450	39.408
27381	1245484.858	44.000
27382	1245528.858	49.025
27383	1245577.883	51.042
27384	1245628.925	48.142
27385	1245677.067	49.650
27386	1245726 717	51.125
27387	1245777.842	49 992
27388	1245827.833	46.650
27389	1245874.483	43 042
27390	1245917.525	32.983
27391	1245950.508	46.758
27392	1245997.267	48.158
27393	1246045 425	52.425
27394	1246097.850	44.467
27395	1246142.317	49.017
27396	1246191.333	47.442
27397	1246238.775	48.358
27398	1246287.133	47 608
27399	1246334 742	48.725
27400	1246383.467	48.017
27401	1246431.483	45.617
27402	1246477.100	50.850
27403	1246527.950	43.175
27404	1246571.125	44.200
27405	1246615.325	51.233
27406	1246666.558	46.500
27407	1246713.058	48.592
27408	1246761.650	45 575
27409	1246807.225	52.550
27410	1246859.775	50.283
27411	1246910.058	52.258
27412	1246962.317	43.942
27413	1247006.258	46.817
27414	1247053.075	46.133
27415	1247099.208	49.600
27416	1247148.808	47 892
27417	1247196.700	41.783
27418	1247238.483	45.700
27419	1247284.183	44.908
27420	1247329 092	48.650
27421	1247377.742	30.050
27422	1247407.792	47.233
27423	1247455.025	49.992
27424	1247505 017	46.517
27425	1247551.533	45.667
27426	1247597.200	51.500
27427	1247648.700	51 217
27428	1247699.917	44.967
27429	1247744.883	47.792
27430	1247792.675	49.767
27431	1247842.442	50.567
27432	1247893 008	45.650
27433	1247938 658	46.533
27434	1247985.192	46.942

Weld	Distance (ft.)	Joint Length (ft.)
27435	1248032.133	35.042
27436	1248067.175	42 392
27437	1248109.567	45.325
27438	1248154.892	43.667
27439	1248198.558	47.267
27440	1248245 825	50.642
27441	1248296.467	44.342
27442	1248340.808	47.308
27443	1248388.117	43 908
27444	1248432.025	48.208
27445	1248480.233	49.667
27446	1248529.900	50.583
27447	1248580 483	48.500
27448	1248628.983	45.408
27449	1248674.392	49.700
27450	1248724.092	47 100
27451	1248771.192	47.167
27452	1248818.358	47.375
27453	1248865.733	31.300
27454	1248897.033	51.133
27455	1248948.167	46.992
27456	1248995.158	46.008
27457	1249041.167	46.200
27458	1249087.367	45.950
27459	1249133.317	50.167
27460	1249183.483	50.033
27461	1249233.517	50.017
27462	1249283.533	45.942
27463	1249329.475	49.633
27464	1249379.108	45.933
27465	1249425.042	36.742
27466	1249461.783	49.858
27467	1249511.642	44.008
27468	1249555.650	44 225
27469	1249599.875	49.758
27470	1249649.633	48.325
27471	1249697 958	45.867
27472	1249743.825	50 642
27473	1249794.467	49.817
27474	1249844.283	44.892
27475	1249889.175	46.633
27476	1249935.808	46.117
27477	1249981.925	45.600
27478	1250027.525	44.650
27479	1250072.175	43.408
27480	1250115.583	50.758
27481	1250166.342	50.367
27482	1250216.708	45.192
27483	1250261.900	43.808
27484	1250305.708	47.067
27485	1250352.775	44.058
27486	1250396.833	49.942
27487	1250446.775	48.583
27488	1250495.358	47.317
27489	1250542.675	50.533
27490	1250593.208	49.625
27491	1250642.833	51.792
27492	1250694 625	45.667

Weld	Distance (ft.)	Joint Length (ft.)
27493	1250740.292	37.608
27494	1250777.900	48.650
27495	1250826.550	48.058
27496	1250874.608	46.250
27497	1250920.858	47.575
27498	1250968.433	45.167
27499	1251013.600	48.975
27500	1251062.575	48.233
27501	1251110.808	46.483
27502	1251157.292	49.767
27503	1251207 058	49.675
27504	1251256.733	44.700
27505	1251301.433	49.717
27506	1251351.150	49.542
27507	1251400.692	48.775
27508	1251449.467	46.250
27509	1251495.717	44 758
27510	1251540.475	46 283
27511	1251586.758	46.808
27512	1251633.567	46.117
27513	1251679.683	51 133
27514	1251730 817	43.658
27515	1251774.475	46.125
27516	1251820.600	47.833
27517	1251868.433	46.917
27518	1251915.350	50.542
27519	1251965.892	46.900
27520	1252012.792	48.075
27521	1252060.867	50.767
27522	1252111.633	45.725
27523	1252157.358	47.158
27524	1252204.517	46.083
27525	1252250.600	45.583
27526	1252296 183	46.367
27527	1252342.550	46.083
27528	1252388.633	46.292
27529	1252434 925	49.817
27530	1252484.742	48.475
27531	1252533.217	50.508
27532	1252583.725	46.983
27533	1252630.708	46 008
27534	1252676 717	47.758
27535	1252724.475	46.908
27536	1252771.383	44.200
27537	1252815.583	49.042
27538	1252864 625	48.392
27539	1252913.017	50.450
27540	1252963.467	49.258
27541	1253012.725	46.867
27542	1253059 592	45.375
27543	1253104.967	50.733
27544	1253155.700	48.883
27545	1253204 583	50.150
27546	1253254 733	16.200
27547	1253270.933	47.208
27548	1253318.142	49.442
27549	1253367 583	34.600
27550	1253402.183	12.825

Weld	Distance (ft.)	Joint Length (ft.)
27551	1253415.008	11 250
27552	1253426.258	48.617
27553	1253474.875	8.033
27554	1253482.908	7.717
27555	1253490.625	5.008
27556	1253495 633	47.667
27557	1253543.300	49.958
27558	1253593.258	48.742
27559	1253642.000	45.525
27560	1253687.525	49.608
27561	1253737.133	44.325
27562	1253781.458	47.933
27563	1253829.392	43.825
27564	1253873.217	45.775
27565	1253918.992	44.908
27566	1253963.900	49.850
27567	1254013.750	20.683
27568	1254034.433	29.442
27569	1254063.875	47.100
27570	1254110.975	51.900
27571	1254162.875	46.442
27572	1254209.317	49.275
27573	1254258 592	46.842
27574	1254305 433	46.217
27575	1254351.650	46.583
27576	1254398.233	46.308
27577	1254444.542	47.792
27578	1254492 333	45.667
27579	1254538.000	46.825
27580	1254584.825	47.692
27581	1254632.517	48.875
27582	1254681.392	50.417
27583	1254731.808	48.867
27584	1254780.675	45.500
27585	1254826.175	42.375
27586	1254868.550	34.008
27587	1254902.558	45.333
27588	1254947.892	48.233
27589	1254996.125	47.792
27590	1255043.917	46.017
27591	1255089 933	46.592
27592	1255136.525	45.450
27593	1255181.975	48.717
27594	1255230.692	47.442
27595	1255278.133	47.450
27596	1255325.583	49.067
27597	1255374.650	47.775
27598	1255422.425	38.908
27599	1255461 333	43.325
27600	1255504.658	32.783
27601	1255537.442	45.883
27602	1255583.325	44.208
27603	1255627.533	46.942
27604	1255674.475	50.258
27605	1255724.733	50.200
27606	1255774.933	48.300
27607	1255823 233	50.433
27608	1255873.667	49.892

Weld	Distance (ft.)	Joint Length (ft.)
27609	1255923.558	49.458
27610	1255973.017	48.575
27611	1256021.592	49.408
27612	1256071.000	46.150
27613	1256117.150	48.958
27614	1256166.108	47.950
27615	1256214.058	47.008
27616	1256261.067	50 533
27617	1256311.600	41.817
27618	1256353.417	49.067
27619	1256402.483	49.850
27620	1256452.333	49.942
27621	1256502.275	49.892
27622	1256552.167	46.467
27623	1256598.633	49.358
27624	1256647.992	47.492
27625	1256695.483	49.217
27626	1256744.700	46.908
27627	1256791.608	49.925
27628	1256841.533	49.400
27629	1256890.933	50.725
27630	1256941.658	49.083
27631	1256990.742	50.217
27632	1257040.958	48.183
27633	1257089.142	47.058
27634	1257136.200	49.233
27635	1257185.433	47.325
27636	1257232.758	46.500
27637	1257279.258	44.450
27638	1257323.708	47.317
27639	1257371.025	45.392
27640	1257416.417	46.817
27641	1257463.233	45.108
27642	1257508.342	50.592
27643	1257558.933	44.367
27644	1257603.300	40.233
27645	1257643.533	48.392
27646	1257691.925	50 783
27647	1257742.708	46.492
27648	1257789.200	46.475
27649	1257835.675	50.633
27650	1257886.308	49.192
27651	1257935.500	49 108
27652	1257984.608	50.000
27653	1258034.608	45.208
27654	1258079.817	45.983
27655	1258125.800	50.208
27656	1258176.008	45.283
27657	1258221.292	46.042
27658	1258267.333	40.383
27659	1258307.717	49.742
27660	1258357.458	44.025
27661	1258401.483	45.225
27662	1258446.708	45.617
27663	1258492.325	45.508
27664	1258537.833	48.875
27665	1258586.708	49.600
27666	1258636.308	50.058

Weld	Distance (ft.)	Joint Length (ft.)
27667	1258686.367	47.008
27668	1258733.375	50.150
27669	1258783.525	47.592
27670	1258831 117	49 058
27671	1258880.175	44.758
27672	1258924.933	42.175
27673	1258967.108	49.292
27674	1259016.400	44.467
27675	1259060.867	50 125
27676	1259110 992	49 292
27677	1259160.283	48.950
27678	1259209.233	45.592
27679	1259254.825	48.975
27680	1259303.800	51.617
27681	1259355.417	46.283
27682	1259401.700	45.808
27683	1259447.508	48.158
27684	1259495.667	46.575
27685	1259542.242	50.392
27686	1259592.633	50.567
27687	1259643.200	49.125
27688	1259692.325	46.100
27689	1259738 425	50 900
27690	1259789.325	48.317
27691	1259837.642	46.100
27692	1259883 742	45 417
27693	1259929.158	47.942
27694	1259977.100	49.625
27695	1260026.725	48.642
27696	1260075.367	43.533
27697	1260118.900	45.825
27698	1260164.725	49.733
27699	1260214 458	49.100
27700	1260263.558	44.208
27701	1260307.767	50.142
27702	1260357.908	51.300
27703	1260409.208	47.600
27704	1260456.808	48.567
27705	1260505.375	47.692
27706	1260553 067	48 167
27707	1260601.233	46.142
27708	1260647.375	49.958
27709	1260697.333	45 783
27710	1260743.117	50.783
27711	1260793.900	50.892
27712	1260844 792	46.183
27713	1260890.975	47.392
27714	1260938.367	45.300
27715	1260983.667	46.967
27716	1261030.633	47.842
27717	1261078.475	46.250
27718	1261124 725	36.167
27719	1261160 892	49.725
27720	1261210.617	44.208
27721	1261254.825	51.275
27722	1261306.100	45.983
27723	1261352.083	43.183
27724	1261395 267	38.883

Weld	Distance (ft.)	Joint Length (ft.)
27725	1261434.150	44.958
27726	1261479 108	43.208
27727	1261522.317	46.475
27728	1261568.792	40.900
27729	1261609.692	49.950
27730	1261659.642	47.667
27731	1261707.308	51.108
27732	1261758.417	17.767
27733	1261776 183	8.467
27734	1261784.650	16.175
27735	1261800.825	39.267
27736	1261840.092	47.750
27737	1261887.842	47.625
27738	1261935.467	48.783
27739	1261984.250	49.208
27740	1262033.458	45.817
27741	1262079.275	49.000
27742	1262128.275	44.783
27743	1262173.058	48.583
27744	1262221.642	48.408
27745	1262270.050	48 025
27746	1262318.075	40.167
27747	1262358.242	49.717
27748	1262407.958	47.075
27749	1262455.033	46.875
27750	1262501.908	44.633
27751	1262546.542	45.017
27752	1262591.558	45.242
27753	1262636 800	46.608
27754	1262683 408	48 317
27755	1262731.725	47.067
27756	1262778 792	47.175
27757	1262825.967	52.117
27758	1262878.083	51.775
27759	1262929.858	40.875
27760	1262970 733	48 450
27761	1263019.183	46 017
27762	1263065.200	43.250
27763	1263108.450	43.750
27764	1263152.200	42.475
27765	1263194.675	47.692
27766	1263242.367	46.317
27767	1263288.683	50.017
27768	1263338.700	45.758
27769	1263384.458	53.300
27770	1263437 758	48 533
27771	1263486.292	46.558
27772	1263532.850	48.025
27773	1263580.875	43.950
27774	1263624.825	45.758
27775	1263670.583	42.742
27776	1263713.325	48.825
27777	1263762 150	47.958
27778	1263810.108	44.550
27779	1263854.658	49.892
27780	1263904.550	43 100
27781	1263947.650	50.025
27782	1263997.675	41.442

Weld	Distance (ft.)	Joint Length (ft.)
27783	1264039.117	45.567
27784	1264084.683	47.058
27785	1264131.742	47.225
27786	1264178.967	49.133
27787	1264228.100	45.667
27788	1264273.767	46.992
27789	1264320.758	45.800
27790	1264366.558	45.667
27791	1264412.225	44.817
27792	1264457.042	45.992
27793	1264503.033	45.242
27794	1264548.275	46.383
27795	1264594.658	47.800
27796	1264642.458	45.725
27797	1264688.183	49 492
27798	1264737.675	47.033
27799	1264784.708	45.425
27800	1264830.133	48.400
27801	1264878.533	48.117
27802	1264926.650	45.025
27803	1264971.675	46.617
27804	1265018.292	46.725
27805	1265065.017	51.733
27806	1265116.750	47.300
27807	1265164.050	49.542
27808	1265213.592	45.550
27809	1265259.142	48 025
27810	1265307 167	48.325
27811	1265355.492	51.608
27812	1265407.100	46.100
27813	1265453 200	50.475
27814	1265503.675	45.025
27815	1265548.700	37.675
27816	1265586.375	46.642
27817	1265633.017	47.150
27818	1265680.167	41.258
27819	1265721.425	47.675
27820	1265769.100	46.075
27821	1265815 175	44.567
27822	1265859 742	51.725
27823	1265911.467	43.258
27824	1265954.725	44.292
27825	1265999 017	46.317
27826	1266045.333	50.500
27827	1266095 833	41.083
27828	1266136.917	45.017
27829	1266181.933	46.825
27830	1266228 758	50.158
27831	1266278.917	46.450
27832	1266325.367	40.608
27833	1266365.975	45.992
27834	1266411.967	50 042
27835	1266462 008	47.267
27836	1266509.275	45.817
27837	1266555.092	47.508
27838	1266602.600	44.100
27839	1266646.700	49.275
27840	1266695.975	33 375

Weld	Distance (ft.)	Joint Length (ft.)
27841	1266729.350	50.067
27842	1266779.417	50.333
27843	1266829.750	40.958
27844	1266870.708	47.142
27845	1266917.850	45.625
27846	1266963.475	45.175
27847	1267008 650	49.717
27848	1267058 367	45.483
27849	1267103 850	44.275
27850	1267148.125	51.242
27851	1267199.367	50.533
27852	1267249.900	38.000
27853	1267287.900	46.150
27854	1267334.050	46.925
27855	1267380.975	43.317
27856	1267424.292	46 125
27857	1267470 417	45.000
27858	1267515.417	45.267
27859	1267560.683	43.167
27860	1267603.850	45.467
27861	1267649.317	50.708
27862	1267700.025	43 975
27863	1267744.000	47 625
27864	1267791.625	46.925
27865	1267838.550	45.367
27866	1267883.917	49.067
27867	1267932.983	44.842
27868	1267977.825	45.283
27869	1268023 108	43.825
27870	1268066.933	40.958
27871	1268107.892	45.267
27872	1268153.158	46.850
27873	1268200 008	50.917
27874	1268250.925	50.700
27875	1268301.625	46.817
27876	1268348.442	50.200
27877	1268398.642	46.042
27878	1268444 683	49.858
27879	1268494 542	49.942
27880	1268544.483	49.408
27881	1268593.892	49.425
27882	1268643.317	49.858
27883	1268693.175	48.042
27884	1268741 217	49.042
27885	1268790.258	45 525
27886	1268835.783	48.650
27887	1268884.433	49.492
27888	1268933.925	49.308
27889	1268983.233	49 858
27890	1269033 092	43.700
27891	1269076.792	46.050
27892	1269122.842	50.083
27893	1269172.925	48.467
27894	1269221.392	46.325
27895	1269267.717	44.908
27896	1269312.625	51.075
27897	1269363.700	47.558
27898	1269411.258	49 042

Weld	Distance (ft.)	Joint Length (ft.)
27899	1269460.300	50.533
27900	1269510.833	49.650
27901	1269560.483	50.992
27902	1269611.475	44.183
27903	1269655.658	50.875
27904	1269706.533	45.858
27905	1269752.392	48.017
27906	1269800.408	49.092
27907	1269849.500	50.183
27908	1269899.683	45.967
27909	1269945.650	44.317
27910	1269989.967	45.508
27911	1270035.475	43.967
27912	1270079.442	44.508
27913	1270123.950	48.425
27914	1270172.375	45.567
27915	1270217.942	49.658
27916	1270267.600	47.650
27917	1270315.250	48.500
27918	1270363.750	38.250
27919	1270402.000	48.067
27920	1270450.067	49.133
27921	1270499 200	50.867
27922	1270550.067	50.242
27923	1270600.308	49.092
27924	1270649.400	49.408
27925	1270698.808	44.892
27926	1270743.700	45 975
27927	1270789.675	44 225
27928	1270833.900	46.125
27929	1270880.025	44.483
27930	1270924.508	50.367
27931	1270974.875	46.242
27932	1271021 117	50.875
27933	1271071.992	50.592
27934	1271122.583	45.442
27935	1271168.025	40.950
27936	1271208 975	49.933
27937	1271258 908	49.533
27938	1271308.442	44.917
27939	1271353.358	50.267
27940	1271403.625	45.625
27941	1271449.250	44.742
27942	1271493.992	44.333
27943	1271538.325	50.658
27944	1271588.983	45.875
27945	1271634.858	42.583
27946	1271677.442	50.667
27947	1271728.108	38 983
27948	1271767.092	50.783
27949	1271817.875	45.083
27950	1271862.958	43.367
27951	1271906.325	49.167
27952	1271955.492	45.425
27953	1272000.917	50.225
27954	1272051.142	46.033
27955	1272097 175	43 200
27956	1272140.375	50.767

Weld	Distance (ft.)	Joint Length (ft.)
27957	1272191.142	46.925
27958	1272238.067	43 342
27959	1272281.408	44.300
27960	1272325.708	46.917
27961	1272372.625	49.858
27962	1272422.483	45.692
27963	1272468.175	43.417
27964	1272511.592	45.767
27965	1272557.358	47 700
27966	1272605.058	47.025
27967	1272652.083	46.433
27968	1272698.517	47.117
27969	1272745.633	46.125
27970	1272791.758	46.808
27971	1272838.567	49.908
27972	1272888.475	53.067
27973	1272941.542	47.067
27974	1272988.608	47.025
27975	1273035.633	47.017
27976	1273082.650	50.825
27977	1273133 475	46.383
27978	1273179.858	44.592
27979	1273224.450	43.858
27980	1273268.308	48.417
27981	1273316.725	49.150
27982	1273365.875	49.675
27983	1273415.550	45.108
27984	1273460 658	45.150
27985	1273505.808	37.333
27986	1273543.142	46.925
27987	1273590.067	49.300
27988	1273639.367	48.617
27989	1273687.983	47.175
27990	1273735.158	46.092
27991	1273781.250	50.342
27992	1273831.592	38.425
27993	1273870.017	46.525
27994	1273916.542	48.275
27995	1273964 817	49.300
27996	1274014.117	48.800
27997	1274062.917	49 858
27998	1274112.775	49 958
27999	1274162.733	45.867
28000	1274208.600	44.500
28001	1274253.100	43.317
28002	1274296.417	49.200
28003	1274345.617	44.992
28004	1274390.608	44.367
28005	1274434.975	50.467
28006	1274485.442	50.042
28007	1274535.483	49.850
28008	1274585.333	42.183
28009	1274627.517	49.042
28010	1274676.558	49.983
28011	1274726.542	48.567
28012	1274775.108	36.758
28013	1274811.867	46.150
28014	1274858.017	50.850

Weld	Distance (ft.)	Joint Length (ft.)
28015	1274908.867	45 208
28016	1274954.075	45.325
28017	1274999.400	48.950
28018	1275048.350	46.092
28019	1275094 442	43 900
28020	1275138.342	46.450
28021	1275184.792	50.142
28022	1275234.933	49.833
28023	1275284.767	46.275
28024	1275331.042	47.008
28025	1275378.050	47.700
28026	1275425.750	49.000
28027	1275474 750	47.783
28028	1275522.533	49.300
28029	1275571.833	34.475
28030	1275606.308	49.875
28031	1275656.183	39.875
28032	1275696.058	46.808
28033	1275742.867	46.767
28034	1275789.633	48.058
28035	1275837.692	46.367
28036	1275884.058	45.050
28037	1275929.108	47.317
28038	1275976.425	46.550
28039	1276022 975	46 783
28040	1276069.758	43.400
28041	1276113.158	46.067
28042	1276159 225	49 333
28043	1276208.558	47.092
28044	1276255.650	46.300
28045	1276301.950	46.117
28046	1276348 067	43.142
28047	1276391.208	43.783
28048	1276434.992	43.900
28049	1276478 892	44 600
28050	1276523.492	45.033
28051	1276568.525	47.025
28052	1276615.550	49 958
28053	1276665.508	43.308
28054	1276708 817	44.858
28055	1276753.675	44.917
28056	1276798.592	45.242
28057	1276843.833	46.792
28058	1276890 625	48.142
28059	1276938.767	45.425
28060	1276984.192	44.633
28061	1277028.825	49.142
28062	1277077.967	49.400
28063	1277127.367	45.833
28064	1277173.200	45 008
28065	1277218.208	45.650
28066	1277263 858	50.192
28067	1277314.050	43.492
28068	1277357.542	46.150
28069	1277403.692	47.042
28070	1277450.733	47.017
28071	1277497.750	48.325
28072	1277546 075	46.983

Weld	Distance (ft.)	Joint Length (ft.)
28073	1277593 058	34 667
28074	1277627 725	45.683
28075	1277673.408	46.342
28076	1277719.750	45.783
28077	1277765.533	45.508
28078	1277811.042	42.675
28079	1277853.717	47.617
28080	1277901.333	35.267
28081	1277936.600	47.367
28082	1277983.967	34.500
28083	1278018.467	37.192
28084	1278055.658	46 867
28085	1278102.525	46.375
28086	1278148 900	39.625
28087	1278188.525	46.358
28088	1278234.883	45.950
28089	1278280.833	47.258
28090	1278328 092	45.458
28091	1278373.550	46.400
28092	1278419.950	44.100
28093	1278464.050	45.008
28094	1278509.058	42.392
28095	1278551.450	47.600
28096	1278599.050	47.950
28097	1278647.000	46.317
28098	1278693.317	51.133
28099	1278744.450	47.425
28100	1278791.875	46.450
28101	1278838.325	34.625
28102	1278872.950	46.525
28103	1278919.475	46 200
28104	1278965.675	45.617
28105	1279011.292	46.600
28106	1279057.892	47.167
28107	1279105.058	47.858
28108	1279152.917	48.842
28109	1279201.758	47.950
28110	1279249.708	48.208
28111	1279297 917	48.517
28112	1279346.433	51.267
28113	1279397.700	45.150
28114	1279442.850	47.767
28115	1279490.617	48.633
28116	1279539.250	47.717
28117	1279586.967	49.767
28118	1279636.733	46.583
28119	1279683.317	44.992
28120	1279728.308	47.875
28121	1279776.183	50 450
28122	1279826.633	51 617
28123	1279878 250	49.700
28124	1279927.950	46.825
28125	1279974.775	46.025
28126	1280020.800	48.058
28127	1280068 858	50.333
28128	1280119.192	43 667
28129	1280162.858	47.742
28130	1280210.600	49.542

Weld	Distance (ft.)	Joint Length (ft.)
28131	1280260.142	50.925
28132	1280311.067	47.242
28133	1280358.308	50.075
28134	1280408.383	43.250
28135	1280451.633	48.050
28136	1280499.683	49.650
28137	1280549.333	43.175
28138	1280592.508	45.150
28139	1280637.658	47 692
28140	1280685.350	49.267
28141	1280734.617	51.242
28142	1280785.858	46.992
28143	1280832.850	48 583
28144	1280881.433	47.700
28145	1280929.133	45.017
28146	1280974.150	48.467
28147	1281022 617	45.708
28148	1281068.325	48.517
28149	1281116.842	45.817
28150	1281162.658	46.092
28151	1281208.750	39.558
28152	1281248.308	48.808
28153	1281297.117	47.142
28154	1281344.258	46.133
28155	1281390.392	46.192
28156	1281436.583	47.625
28157	1281484.208	45.742
28158	1281529.950	50.567
28159	1281580.517	44 683
28160	1281625.200	47.475
28161	1281672.675	45.617
28162	1281718 292	49.200
28163	1281767.492	49.350
28164	1281816.842	48.700
28165	1281865 542	48 350
28166	1281913.892	50 117
28167	1281964.008	51.433
28168	1282015 442	31.658
28169	1282047 100	45.550
28170	1282092.650	35.942
28171	1282128.592	49.392
28172	1282177.983	45.633
28173	1282223 617	47.792
28174	1282271.408	49.325
28175	1282320.733	48.950
28176	1282369 683	49.167
28177	1282418.850	40.617
28178	1282459 467	49 750
28179	1282509.217	47.600
28180	1282556.817	49.708
28181	1282606.525	47.408
28182	1282653.933	46.792
28183	1282700.725	48.050
28184	1282748.775	48 733
28185	1282797.508	51.308
28186	1282848.817	50.017
28187	1282898.833	49 183
28188	1282948 017	49.125

Weld	Distance (ft.)	Joint Length (ft.)
28189	1282997.142	37.200
28190	1283034.342	35.308
28191	1283069.650	45.983
28192	1283115.633	49.675
28193	1283165.308	45 725
28194	1283211.033	50.733
28195	1283261.767	49.258
28196	1283311.025	45.825
28197	1283356.850	46.242
28198	1283403.092	49.900
28199	1283452.992	50.675
28200	1283503.667	51.050
28201	1283554.717	51.950
28202	1283606.667	48.600
28203	1283655.267	46.225
28204	1283701.492	43.208
28205	1283744.700	51.325
28206	1283796 025	49.217
28207	1283845 242	44.817
28208	1283890.058	47.508
28209	1283937.567	45.567
28210	1283983.133	42.783
28211	1284025.917	50.333
28212	1284076 250	47.817
28213	1284124.067	46.500
28214	1284170 567	42.842
28215	1284213.408	50.450
28216	1284263.858	46.683
28217	1284310.542	45.825
28218	1284356 367	47.775
28219	1284404 142	41.333
28220	1284445.475	47.383
28221	1284492.858	49.550
28222	1284542.408	51.025
28223	1284593.433	46 750
28224	1284640.183	44 425
28225	1284684.608	46.550
28226	1284731.158	49.475
28227	1284780.633	42.950
28228	1284823.583	50.125
28229	1284873.708	45 717
28230	1284919.425	44.258
28231	1284963.683	49.500
28232	1285013.183	50.008
28233	1285063.192	45 083
28234	1285108 275	37.850
28235	1285146.125	42.892
28236	1285189.017	46.042
28237	1285235.058	46.167
28238	1285281.225	47.225
28239	1285328.450	45 392
28240	1285373.842	47.000
28241	1285420.842	44.717
28242	1285465 558	47.850
28243	1285513.408	45.025
28244	1285558.433	44.592
28245	1285603.025	46.700
28246	1285649 725	46.558

Weld	Distance (ft.)	Joint Length (ft.)
28247	1285696.283	46.200
28248	1285742.483	44.408
28249	1285786 892	46.867
28250	1285833.758	47.608
28251	1285881.367	45.133
28252	1285926.500	44.667
28253	1285971.167	44.742
28254	1286015.908	45.833
28255	1286061.742	45.333
28256	1286107.075	47.383
28257	1286154.458	46.242
28258	1286200.700	46.442
28259	1286247.142	43.817
28260	1286290.958	46.442
28261	1286337.400	35 125
28262	1286372.525	46.942
28263	1286419.467	46.375
28264	1286465 842	41.075
28265	1286506.917	46.725
28266	1286553.642	46.508
28267	1286600.150	30.425
28268	1286630.575	42.983
28269	1286673.558	47.633
28270	1286721.192	47.050
28271	1286768 242	47.108
28272	1286815.350	46.992
28273	1286862.342	46.675
28274	1286909.017	46.917
28275	1286955.933	46.850
28276	1287002.783	44.900
28277	1287047.683	47 358
28278	1287095.042	44.708
28279	1287139.750	46.508
28280	1287186.258	48.408
28281	1287234 667	49.758
28282	1287284.425	47.233
28283	1287331.658	47.817
28284	1287379.475	46.325
28285	1287425.800	47.492
28286	1287473.292	40.783
28287	1287514.075	43.775
28288	1287557.850	46 483
28289	1287604.333	44.125
28290	1287648.458	45.892
28291	1287694.350	5.267
28292	1287699.617	40.300
28293	1287739.917	44 408
28294	1287784.325	46.975
28295	1287831.300	4.817
28296	1287836.117	3.767
28297	1287839.883	36 708
28298	1287876.592	48.292
28299	1287924.883	45.100
28300	1287969.983	45.600
28301	1288015.583	46.558
28302	1288062.142	41.725
28303	1288103.867	46.558
28304	1288150.425	45.567

Weld	Distance (ft.)	Joint Length (ft.)
28305	1288195.992	46.075
28306	1288242.067	47 092
28307	1288289.158	46.575
28308	1288335.733	46.408
28309	1288382.142	36.775
28310	1288418.917	43.308
28311	1288462.225	45.258
28312	1288507.483	46.258
28313	1288553.742	46 742
28314	1288600.483	44.675
28315	1288645.158	46.800
28316	1288691.958	50.525
28317	1288742.483	41.375
28318	1288783.858	46.600
28319	1288830.458	47.000
28320	1288877.458	45.933
28321	1288923.392	41.800
28322	1288965.192	43.633
28323	1289008.825	46.375
28324	1289055.200	45.692
28325	1289100.892	49 508
28326	1289150.400	44.800
28327	1289195.200	46.442
28328	1289241.642	48.775
28329	1289290.417	39.917
28330	1289330.333	45.758
28331	1289376.092	42.642
28332	1289418 733	42.758
28333	1289461.492	46.033
28334	1289507.525	48.850
28335	1289556.375	50.875
28336	1289607.250	45.567
28337	1289652 817	43.725
28338	1289696.542	47.000
28339	1289743.542	47.083
28340	1289790.625	49.283
28341	1289839.908	44.958
28342	1289884.867	47 817
28343	1289932.683	46.842
28344	1289979.525	46.683
28345	1290026.208	49.158
28346	1290075.367	48.492
28347	1290123.858	44.667
28348	1290168.525	47.875
28349	1290216.400	46.217
28350	1290262.617	45.542
28351	1290308.158	38.200
28352	1290346.358	46.425
28353	1290392.783	47.250
28354	1290440.033	46.117
28355	1290486.150	48.883
28356	1290535 033	46.033
28357	1290581.067	50.225
28358	1290631.292	49 158
28359	1290680.450	45.850
28360	1290726.300	41.392
28361	1290767 692	46.842
28362	1290814.533	48.133

Weld	Distance (ft.)	Joint Length (ft.)
28363	1290862.667	45.642
28364	1290908 308	45.767
28365	1290954.075	48.542
28366	1291002.617	42.167
28367	1291044.783	46.575
28368	1291091.358	46.742
28369	1291138.100	45.975
28370	1291184 075	47.517
28371	1291231.592	48 217
28372	1291279.808	49.358
28373	1291329.167	50.758
28374	1291379 925	46.175
28375	1291426.100	47.008
28376	1291473.108	45.492
28377	1291518.600	45.558
28378	1291564.158	47.142
28379	1291611.300	47.225
28380	1291658 525	48 767
28381	1291707.292	47 200
28382	1291754.492	46.292
28383	1291800.783	37.650
28384	1291838.433	49.208
28385	1291887.642	46.117
28386	1291933.758	44.400
28387	1291978.158	48.750
28388	1292026.908	51.367
28389	1292078.275	46.767
28390	1292125.042	50.108
28391	1292175.150	44.417
28392	1292219.567	48.317
28393	1292267.883	51 425
28394	1292319.308	49.575
28395	1292368 883	42.200
28396	1292411.083	49.500
28397	1292460.583	41.500
28398	1292502.083	46.508
28399	1292548.592	45.908
28400	1292594.500	46 608
28401	1292641.108	49.342
28402	1292690 450	50.825
28403	1292741.275	50.992
28404	1292792.267	49.700
28405	1292841.967	47.400
28406	1292889.367	46 508
28407	1292935.875	51.450
28408	1292987 325	51.392
28409	1293038.717	49.392
28410	1293088.108	49.142
28411	1293137 250	46.650
28412	1293183.900	47.000
28413	1293230.900	45.083
28414	1293275.983	51 033
28415	1293327.017	43.533
28416	1293370.550	46.608
28417	1293417 158	45.392
28418	1293462.550	51.000
28419	1293513.550	48.125
28420	1293561.675	47.525

Weld	Distance (ft.)	Joint Length (ft.)
28421	1293609.200	45.592
28422	1293654.792	50.158
28423	1293704.950	50.917
28424	1293755.867	46.900
28425	1293802.767	47.583
28426	1293850.350	45.100
28427	1293895.450	44.183
28428	1293939.633	46.642
28429	1293986.275	49.717
28430	1294035 992	46.275
28431	1294082.267	46 275
28432	1294128.542	46.050
28433	1294174.592	46.408
28434	1294221.000	49.942
28435	1294270.942	49.742
28436	1294320.683	51 483
28437	1294372.167	45.917
28438	1294418.083	50.550
28439	1294468.633	47.467
28440	1294516.100	39.617
28441	1294555.717	51.850
28442	1294607.567	46.792
28443	1294654.358	50.583
28444	1294704 942	38.417
28445	1294743.358	50.433
28446	1294793.792	50.208
28447	1294844.000	50.117
28448	1294894.117	50.200
28449	1294944.317	45.908
28450	1294990.225	50.842
28451	1295041.067	42.350
28452	1295083 417	47.708
28453	1295131.125	50.100
28454	1295181.225	46.508
28455	1295227.733	45.692
28456	1295273 425	50.758
28457	1295324 183	41.008
28458	1295365.192	47.442
28459	1295412.633	50.842
28460	1295463.475	46.617
28461	1295510.092	46.375
28462	1295556.467	50.758
28463	1295607.225	44 492
28464	1295651.717	44.642
28465	1295696.358	48.300
28466	1295744 658	46.742
28467	1295791.400	49.483
28468	1295840.883	50.683
28469	1295891.567	46.742
28470	1295938 308	30.775
28471	1295969 083	46 700
28472	1296015 783	45.342
28473	1296061.125	37.792
28474	1296098 917	46 242
28475	1296145.158	44.433
28476	1296189.592	49.883
28477	1296239.475	45.658
28478	1296285.133	50.442

Weld	Distance (ft.)	Joint Length (ft.)
28479	1296335.575	45.600
28480	1296381.175	50.967
28481	1296432.142	50.325
28482	1296482.467	50.125
28483	1296532.592	45.108
28484	1296577.700	47.925
28485	1296625.625	50.133
28486	1296675.758	47.367
28487	1296723 125	45.258
28488	1296768 383	43.033
28489	1296811.417	50.075
28490	1296861.492	44.558
28491	1296906.050	49.367
28492	1296955.417	50.408
28493	1297005 825	47.908
28494	1297053.733	43.942
28495	1297097.675	52.183
28496	1297149.858	46.583
28497	1297196.442	45.183
28498	1297241.625	45.942
28499	1297287.567	44.817
28500	1297332.383	46.825
28501	1297379.208	40.450
28502	1297419.658	51.783
28503	1297471.442	49.017
28504	1297520.458	44.758
28505	1297565.217	47 875
28506	1297613 092	45 675
28507	1297658.767	47.900
28508	1297706.667	50.600
28509	1297757.267	47.133
28510	1297804.400	50.058
28511	1297854 458	44.283
28512	1297898.742	45.892
28513	1297944.633	44.133
28514	1297988.767	46.625
28515	1298035.392	47.417
28516	1298082.808	44.342
28517	1298127.150	46.400
28518	1298173.550	44.967
28519	1298218.517	45.058
28520	1298263.575	45.042
28521	1298308.617	45.575
28522	1298354.192	45.900
28523	1298400 092	49.683
28524	1298449.775	49.650
28525	1298499.425	49.958
28526	1298549.383	46.617
28527	1298596.000	44.258
28528	1298640.258	44.133
28529	1298684 392	48.033
28530	1298732.425	45.025
28531	1298777.450	50.333
28532	1298827.783	46 033
28533	1298873 817	50.967
28534	1298924.783	50.958
28535	1298975.742	44.075
28536	1299019.817	44.842

Weld	Distance (ft.)	Joint Length (ft.)
28537	1299064.658	44.617
28538	1299109.275	46.842
28539	1299156.117	44.517
28540	1299200.633	45.300
28541	1299245.933	51.042
28542	1299296.975	47.092
28543	1299344.067	50.417
28544	1299394.483	43.750
28545	1299438.233	47.725
28546	1299485.958	49.842
28547	1299535.800	44.100
28548	1299579.900	50 400
28549	1299630.300	37.292
28550	1299667.592	50.417
28551	1299718.008	51.958
28552	1299769.967	43.475
28553	1299813.442	45.558
28554	1299859.000	46.617
28555	1299905.617	52.025
28556	1299957.642	37.550
28557	1299995.192	48.975
28558	1300044.167	51.517
28559	1300095 683	45.992
28560	1300141 675	47.475
28561	1300189.150	44.217
28562	1300233.367	39.233
28563	1300272.600	45.992
28564	1300318.592	49.725
28565	1300368 317	34.767
28566	1300403.083	45.292
28567	1300448 375	46.183
28568	1300494.558	46.450
28569	1300541.008	47.233
28570	1300588.242	44.592
28571	1300632.833	49.583
28572	1300682.417	51.125
28573	1300733.542	45.458
28574	1300779.000	45.158
28575	1300824.158	50.550
28576	1300874.708	50.950
28577	1300925.658	43.583
28578	1300969.242	45.483
28579	1301014.725	51.383
28580	1301066.108	45.792
28581	1301111.900	45.808
28582	1301157.708	44.842
28583	1301202 550	45.558
28584	1301248.108	44.292
28585	1301292.400	45.125
28586	1301337.525	46.508
28587	1301384.033	43.942
28588	1301427.975	46.467
28589	1301474.442	46.342
28590	1301520.783	43.992
28591	1301564.775	50.633
28592	1301615 408	44.233
28593	1301659.642	44 892
28594	1301704.533	45.375

Weld	Distance (ft.)	Joint Length (ft.)
28595	1301749.908	49.825
28596	1301799.733	50 867
28597	1301850.600	50.525
28598	1301901.125	49.775
28599	1301950.900	46.792
28600	1301997.692	45.583
28601	1302043.275	45.675
28602	1302088.950	49.308
28603	1302138.258	47.250
28604	1302185.508	47.867
28605	1302233.375	44 900
28606	1302278.275	50.500
28607	1302328.775	47.317
28608	1302376.092	48.167
28609	1302424.258	49.383
28610	1302473.642	52.483
28611	1302526.125	44.250
28612	1302570.375	44.692
28613	1302615.067	49.883
28614	1302664.950	43.683
28615	1302708.633	50.183
28616	1302758.817	46.592
28617	1302805 408	44.283
28618	1302849.692	52.108
28619	1302901.800	52.158
28620	1302953.958	49.783
28621	1303003.742	52.433
28622	1303056.175	47.483
28623	1303103.658	52.008
28624	1303155 667	45.908
28625	1303201.575	47 667
28626	1303249.242	31.742
28627	1303280.983	46.025
28628	1303327.008	48.900
28629	1303375 908	52.008
28630	1303427.917	45.608
28631	1303473.525	45 708
28632	1303519.233	48.017
28633	1303567.250	50.400
28634	1303617.650	51.042
28635	1303668.692	51.125
28636	1303719.817	47.133
28637	1303766.950	46.292
28638	1303813.242	50.650
28639	1303863.892	49.825
28640	1303913.717	46.125
28641	1303959.842	52.100
28642	1304011.942	45.642
28643	1304057.583	49.925
28644	1304107.508	51.342
28645	1304158.850	50.075
28646	1304208.925	47.067
28647	1304255.992	50 125
28648	1304306.117	49.350
28649	1304355.467	45.550
28650	1304401.017	50.017
28651	1304451.033	48 908
28652	1304499.942	46.492

Weld	Distance (ft.)	Joint Length (ft.)
28653	1304546.433	49.733
28654	1304596.167	45.767
28655	1304641.933	46.292
28656	1304688 225	46.642
28657	1304734.867	45.592
28658	1304780 458	46.667
28659	1304827.125	48.933
28660	1304876.058	46.250
28661	1304922.308	49.850
28662	1304972.158	45.525
28663	1305017.683	31.225
28664	1305048.908	47.075
28665	1305095.983	48.400
28666	1305144.383	49.200
28667	1305193.583	51 208
28668	1305244.792	46.308
28669	1305291.100	47.050
28670	1305338.150	45.375
28671	1305383.525	44.792
28672	1305428.317	46.608
28673	1305474.925	45.442
28674	1305520 367	46.742
28675	1305567.108	40.667
28676	1305607.775	49.600
28677	1305657.375	46.092
28678	1305703.467	49.617
28679	1305753.083	50.150
28680	1305803.233	48.150
28681	1305851.383	49.767
28682	1305901.150	49.583
28683	1305950.733	44.792
28684	1305995.525	51.358
28685	1306046.883	44 450
28686	1306091.333	46.658
28687	1306137.992	46.325
28688	1306184.317	45.192
28689	1306229.508	45.942
28690	1306275.450	49.792
28691	1306325.242	36.625
28692	1306361.867	44 508
28693	1306406.375	33.867
28694	1306440.242	47.450
28695	1306487.692	49.158
28696	1306536.850	45.808
28697	1306582.658	46.275
28698	1306628.933	48.058
28699	1306676 992	48.792
28700	1306725.783	50.075
28701	1306775.858	47.375
28702	1306823.233	46.525
28703	1306869.758	50.775
28704	1306920.533	43 575
28705	1306964.108	46.883
28706	1307010.992	32.608
28707	1307043.600	44.725
28708	1307088.325	24.858
28709	1307113.183	27.492
28710	1307140.675	2.175

Weld	Distance (ft.)	Joint Length (ft.)
28711	1307142.850	4.608
28712	1307147 458	8.825
28713	1307156.283	4 758
28714	1307161.042	1.942
28715	1307162.983	28.642
28716	1307191.625	43.575
28717	1307235.200	43.625
28718	1307278.825	43.517
28719	1307322.342	43.483
28720	1307365.825	31 733
28721	1307397.558	41.975
28722	1307439.533	3 967
28723	1307443.500	40.858
28724	1307484.358	42.925
28725	1307527.283	43.683
28726	1307570.967	43.792
28727	1307614.758	32.058
28728	1307646.817	21.142
28729	1307667.958	30.992
28730	1307698.950	44.817
28731	1307743 767	46.450
28732	1307790 217	46.975
28733	1307837.192	47.375
28734	1307884.567	51.717
28735	1307936.283	44.300
28736	1307980.583	50.408
28737	1308030 992	46 850
28738	1308077.842	50.917
28739	1308128.758	46.250
28740	1308175.008	50.867
28741	1308225.875	42.900
28742	1308268 775	46 125
28743	1308314.900	45.167
28744	1308360.067	46.450
28745	1308406.517	50.500
28746	1308457.017	49.983
28747	1308507 000	5 675
28748	1308512.675	25.008
28749	1308537.683	47.817
28750	1308585.500	48.250
28751	1308633 750	34 717
28752	1308668.467	44.258
28753	1308712.725	46.258
28754	1308758.983	48.033
28755	1308807 017	47 258
28756	1308854.275	49.225
28757	1308903.500	44.867
28758	1308948.367	49.675
28759	1308998.042	50.742
28760	1309048.783	46.792
28761	1309095.575	49.825
28762	1309145.400	44.442
28763	1309189.842	49.700
28764	1309239.542	43.683
28765	1309283.225	41.700
28766	1309324.925	50.267
28767	1309375 192	46.158
28768	1309421.350	51.992

Weld	Distance (ft.)	Joint Length (ft.)
28769	1309473 342	38.867
28770	1309512.208	38.392
28771	1309550.600	44.983
28772	1309595.583	46 883
28773	1309642.467	46.558
28774	1309689.025	43 450
28775	1309732.475	48.475
28776	1309780.950	47.992
28777	1309828 942	44.283
28778	1309873 225	43.867
28779	1309917.092	50.475
28780	1309967.567	43.983
28781	1310011.550	49.200
28782	1310060.750	48.642
28783	1310109.392	46.117
28784	1310155 508	44.742
28785	1310200.250	41.067
28786	1310241.317	49.108
28787	1310290.425	50.933
28788	1310341.358	46.992
28789	1310388 350	48.358
28790	1310436 708	43.983
28791	1310480.692	48.675
28792	1310529.367	44.858
28793	1310574.225	46.983
28794	1310621.208	47.200
28795	1310668.408	44.775
28796	1310713 183	48.550
28797	1310761.733	43 008
28798	1310804.742	49 200
28799	1310853.942	43.508
28800	1310897.450	37.500
28801	1310934.950	48.950
28802	1310983.900	48.450
28803	1311032.350	51.042
28804	1311083.392	45.483
28805	1311128.875	46.242
28806	1311175.117	47.867
28807	1311222.983	46.508
28808	1311269.492	46.133
28809	1311315.625	49.425
28810	1311365.050	47.008
28811	1311412.058	45 917
28812	1311457.975	44.592
28813	1311502.567	47.200
28814	1311549.767	43.817
28815	1311593.583	44 533
28816	1311638.117	49.008
28817	1311687.125	37.000
28818	1311724 125	49.433
28819	1311773.558	48.867
28820	1311822.425	48 983
28821	1311871.408	50.383
28822	1311921.792	49.775
28823	1311971.567	51.250
28824	1312022.817	44.958
28825	1312067 775	44.508
28826	1312112.283	44.625

Weld	Distance (ft.)	Joint Length (ft.)
28827	1312156.908	51.875
28828	1312208.783	51 575
28829	1312260.358	51.167
28830	1312311.525	51.033
28831	1312362.558	50.133
28832	1312412.692	51.900
28833	1312464 592	49.050
28834	1312513.642	46.000
28835	1312559.642	45.483
28836	1312605.125	43 550
28837	1312648.675	49.225
28838	1312697.900	48.425
28839	1312746.325	48.092
28840	1312794.417	49.025
28841	1312843.442	50.717
28842	1312894.158	48 925
28843	1312943.083	48.367
28844	1312991.450	50.158
28845	1313041.608	49.175
28846	1313090.783	48.225
28847	1313139 008	43.533
28848	1313182.542	49.758
28849	1313232.300	42 467
28850	1313274.767	51.600
28851	1313326.367	46.742
28852	1313373.108	50.117
28853	1313423.225	51 117
28854	1313474.342	48.092
28855	1313522.433	34.858
28856	1313557 292	49.892
28857	1313607.183	40.850
28858	1313648.033	50 717
28859	1313698.750	41.192
28860	1313739.942	41.958
28861	1313781 900	44.975
28862	1313826.875	44.958
28863	1313871.833	45 142
28864	1313916.975	52.375
28865	1313969.350	46.258
28866	1314015 608	44.175
28867	1314059.783	44.467
28868	1314104.250	46.450
28869	1314150.700	44.108
28870	1314194 808	47.683
28871	1314242.492	43.675
28872	1314286.167	45.200
28873	1314331.367	44.842
28874	1314376.208	46.633
28875	1314422.842	45.292
28876	1314468.133	43 408
28877	1314511.542	44.525
28878	1314556.067	47.733
28879	1314603 800	37.650
28880	1314641.450	41.092
28881	1314682.542	45 692
28882	1314728.233	45.592
28883	1314773.825	47.367
28884	1314821.192	50.650

Weld	Distance (ft.)	Joint Length (ft.)
28885	1314871.842	44.517
28886	1314916.358	48.908
28887	1314965.267	44.242
28888	1315009.508	46.383
28889	1315055.892	46.492
28890	1315102.383	43.633
28891	1315146.017	33.908
28892	1315179.925	42.767
28893	1315222.692	45 233
28894	1315267.925	43.750
28895	1315311.675	45.683
28896	1315357.358	30.358
28897	1315387.717	46.575
28898	1315434.292	45 650
28899	1315479 942	48 475
28900	1315528.417	46.392
28901	1315574.808	38.717
28902	1315613.525	46.500
28903	1315660.025	27.742
28904	1315687.767	50.167
28905	1315737.933	45.217
28906	1315783.150	50.000
28907	1315833 150	42.700
28908	1315875 850	43.908
28909	1315919.758	46 317
28910	1315966.075	45.417
28911	1316011.492	40.142
28912	1316051.633	45.808
28913	1316097 442	48.125
28914	1316145.567	45.242
28915	1316190.808	46 325
28916	1316237.133	46.692
28917	1316283.825	46.117
28918	1316329.942	47.017
28919	1316376 958	44.250
28920	1316421.208	46 942
28921	1316468 150	44.733
28922	1316512 883	44.558
28923	1316557.442	43.317
28924	1316600.758	47.258
28925	1316648.017	47.650
28926	1316695.667	44.175
28927	1316739.842	43.575
28928	1316783.417	47.592
28929	1316831.008	46.633
28930	1316877.642	42.617
28931	1316920.258	34.667
28932	1316954 925	45.775
28933	1317000 700	45.183
28934	1317045.883	38.617
28935	1317084.500	51.658
28936	1317136.158	49.058
28937	1317185.217	51.050
28938	1317236 267	51.550
28939	1317287.817	50.100
28940	1317337.917	50.267
28941	1317388.183	50.425
28942	1317438.608	48 575

Weld	Distance (ft.)	Joint Length (ft.)
28943	1317487.183	48 617
28944	1317535 800	50 808
28945	1317586.608	50.092
28946	1317636.700	49.717
28947	1317686.417	46.458
28948	1317732.875	36.892
28949	1317769.767	43.258
28950	1317813.025	46.350
28951	1317859.375	49.383
28952	1317908.758	47.200
28953	1317955.958	50.075
28954	1318006 033	45.408
28955	1318051.442	45.975
28956	1318097.417	47.933
28957	1318145.350	49.958
28958	1318195.308	48.367
28959	1318243.675	50.425
28960	1318294.100	45.700
28961	1318339.800	49.625
28962	1318389.425	50 083
28963	1318439.508	43.450
28964	1318482.958	50.358
28965	1318533.317	49.775
28966	1318583.092	50.017
28967	1318633.108	49.575
28968	1318682 683	46.717
28969	1318729.400	48 525
28970	1318777.925	49.758
28971	1318827.683	48.283
28972	1318875.967	49.058
28973	1318925.025	48.325
28974	1318973.350	47 092
28975	1319020.442	48.967
28976	1319069.408	46.175
28977	1319115.583	40.417
28978	1319156.000	50.575
28979	1319206.575	50.833
28980	1319257.408	50.000
28981	1319307.408	50.383
28982	1319357.792	50.175
28983	1319407.967	47.500
28984	1319455.467	45.400
28985	1319500.867	47.533
28986	1319548.400	46 358
28987	1319594 758	45.058
28988	1319639.817	50.150
28989	1319689.967	47.108
28990	1319737.075	49.692
28991	1319786.767	50.042
28992	1319836 808	49.575
28993	1319886 383	48.700
28994	1319935.083	33.475
28995	1319968.558	47.075
28996	1320015.633	50.517
28997	1320066.150	48.233
28998	1320114.383	40.475
28999	1320154.858	49.867
29000	1320204.725	50 592

Weld	Distance (ft.)	Joint Length (ft.)
29001	1320255.317	50.183
29002	1320305.500	45.008
29003	1320350.508	50.375
29004	1320400 883	49.917
29005	1320450.800	49 358
29006	1320500.158	50.400
29007	1320550.558	49.767
29008	1320600.325	50.325
29009	1320650.650	51.050
29010	1320701.700	50.450
29011	1320752.150	50.133
29012	1320802.283	50.567
29013	1320852.850	49.067
29014	1320901.917	34.092
29015	1320936.008	49 492
29016	1320985.500	50.133
29017	1321035.633	47.492
29018	1321083.125	45.058
29019	1321128.183	51.175
29020	1321179.358	49.442
29021	1321228.800	51.150
29022	1321279.950	49 900
29023	1321329.850	49.025
29024	1321378.875	45.558
29025	1321424.433	50.700
29026	1321475.133	50.842
29027	1321525.975	49 658
29028	1321575.633	50 925
29029	1321626.558	48 000
29030	1321674.558	47.350
29031	1321721.908	50.458
29032	1321772.367	49.008
29033	1321821.375	49.500
29034	1321870.875	49.075
29035	1321919 950	49.950
29036	1321969.900	49.017
29037	1322018.917	50.775
29038	1322069.692	50.267
29039	1322119.958	48.783
29040	1322168.742	48 683
29041	1322217 425	51.517
29042	1322268.942	50.683
29043	1322319.625	46.283
29044	1322365.908	49.908
29045	1322415.817	49.975
29046	1322465.792	49 600
29047	1322515 392	48.800
29048	1322564.192	49.767
29049	1322613.958	49.967
29050	1322663.925	50.225
29051	1322714.150	47.558
29052	1322761.708	51.492
29053	1322813.200	44.117
29054	1322857.317	49.708
29055	1322907.025	50.175
29056	1322957.200	50.358
29057	1323007.558	48.258
29058	1323055.817	50.408

Weld	Distance (ft.)	Joint Length (ft.)
29059	1323106.225	47 217
29060	1323153 442	44.492
29061	1323197.933	48.133
29062	1323246.067	49.633
29063	1323295.700	49.483
29064	1323345.183	50.850
29065	1323396.033	42.850
29066	1323438.883	49 875
29067	1323488.758	51.025
29068	1323539.783	50.550
29069	1323590.333	48.550
29070	1323638.883	49.967
29071	1323688.850	48.983
29072	1323737.833	50.858
29073	1323788.692	50.167
29074	1323838 858	51.242
29075	1323890.100	46.050
29076	1323936.150	49.867
29077	1323986.017	49.192
29078	1324035.208	48.600
29079	1324083.808	48 492
29080	1324132 300	37.500
29081	1324169.800	48.200
29082	1324218.000	48.533
29083	1324266.533	47.300
29084	1324313 833	42.675
29085	1324356.508	44.542
29086	1324401.050	49.983
29087	1324451.033	47.917
29088	1324498.950	49.783
29089	1324548.733	48.617
29090	1324597 350	50 808
29091	1324648.158	44.592
29092	1324692.750	50.667
29093	1324743 417	50.308
29094	1324793.725	51.192
29095	1324844.917	51 583
29096	1324896.500	51.175
29097	1324947.675	45.250
29098	1324992 925	49 708
29099	1325042.633	45.250
29100	1325087.883	45.675
29101	1325133.558	47.683
29102	1325181.242	44.908
29103	1325226.150	46.733
29104	1325272.883	46.267
29105	1325319.150	45.358
29106	1325364 508	51 033
29107	1325415.542	45 808
29108	1325461.350	40.992
29109	1325502.342	44.900
29110	1325547.242	48.483
29111	1325595.725	44.725
29112	1325640.450	46.692
29113	1325687.142	49.283
29114	1325736.425	49.992
29115	1325786.417	49.975
29116	1325836.392	45.108

Weld	Distance (ft.)	Joint Length (ft.)
29117	1325881 500	50.483
29118	1325931.983	41.667
29119	1325973.650	49.142
29120	1326022.792	49.908
29121	1326072.700	46.075
29122	1326118.775	44.525
29123	1326163.300	48.817
29124	1326212.117	48.200
29125	1326260.317	50.475
29126	1326310.792	48.325
29127	1326359.117	51.058
29128	1326410.175	49 733
29129	1326459.908	45.008
29130	1326504.917	49.650
29131	1326554.567	45.633
29132	1326600 200	48.100
29133	1326648.300	50.200
29134	1326698.500	49.317
29135	1326747.817	51.058
29136	1326798.875	48 308
29137	1326847.183	42.833
29138	1326890 017	49.242
29139	1326939 258	49.133
29140	1326988.392	50.158
29141	1327038.550	49 792
29142	1327088 342	47.217
29143	1327135 558	46.767
29144	1327182.325	49 308
29145	1327231.633	48 350
29146	1327279.983	48.083
29147	1327328 067	50.933
29148	1327379.000	50.308
29149	1327429 308	49 925
29150	1327479.233	48 750
29151	1327527.983	49.992
29152	1327577.975	47.892
29153	1327625.867	49.725
29154	1327675.592	46.750
29155	1327722.342	50.008
29156	1327772.350	28.867
29157	1327801.217	48.250
29158	1327849.467	46.367
29159	1327895.833	50.875
29160	1327946.708	50.358
29161	1327997 067	43.258
29162	1328040.325	50.775
29163	1328091.100	43.508
29164	1328134.608	50 117
29165	1328184.725	49.242
29166	1328233.967	3.433
29167	1328237.400	11.983
29168	1328249.383	11 775
29169	1328261.158	3.800
29170	1328264.958	23.483
29171	1328288.442	39 675
29172	1328328.117	39 883
29173	1328368.000	38.442
29174	1328406.442	39.475

Weld	Distance (ft.)	Joint Length (ft.)
29175	1328445.917	13.275
29176	1328459.192	39.783
29177	1328498.975	39.783
29178	1328538.758	2.058
29179	1328540.817	3.517
29180	1328544 333	2.050
29181	1328546.383	2.433
29182	1328548.817	2 042
29183	1328550.858	37.800
29184	1328588.658	39.458
29185	1328628.117	39.875
29186	1328667.992	38.392
29187	1328706 383	39.708
29188	1328746.092	39.717
29189	1328785.808	39.050
29190	1328824.858	39 225
29191	1328864.083	39.442
29192	1328903.525	19.733
29193	1328923.258	2.083
29194	1328925.342	14.667
29195	1328940.008	22.092
29196	1328962.100	39.775
29197	1329001.875	39.508
29198	1329041.383	30.600
29199	1329071.983	29.708
29200	1329101 692	39.442
29201	1329141.133	39.725
29202	1329180.858	39.050
29203	1329219.908	37.000
29204	1329256.908	39.558
29205	1329296 467	39.867
29206	1329336.333	39 858
29207	1329376.192	32.667
29208	1329408.858	39.742
29209	1329448.600	39.067
29210	1329487 667	38.925
29211	1329526.592	39 792
29212	1329566.383	28.408
29213	1329594.792	39.750
29214	1329634.542	39.742
29215	1329674.283	39.775
29216	1329714.058	39.417
29217	1329753.475	39.767
29218	1329793.242	39.683
29219	1329832 925	39.817
29220	1329872.742	38.808
29221	1329911.550	39.167
29222	1329950.717	39.033
29223	1329989.750	38.975
29224	1330028.725	24 650
29225	1330053 375	39.842
29226	1330093.217	38.858
29227	1330132.075	39.642
29228	1330171 717	39.058
29229	1330210.775	39 525
29230	1330250.300	39.367
29231	1330289.667	39.767
29232	1330329.433	39.925

Weld	Distance (ft.)	Joint Length (ft.)
29233	1330369.358	39.692
29234	1330409.050	36.742
29235	1330445.792	39.433
29236	1330485.225	39.825
29237	1330525 050	39.750
29238	1330564.800	39.483
29239	1330604 283	39 858
29240	1330644 142	39.083
29241	1330683.225	39.817
29242	1330723.042	39.483
29243	1330762.525	39.733
29244	1330802.258	39.358
29245	1330841.617	39.783
29246	1330881.400	39 742
29247	1330921.142	39.733
29248	1330960 875	38.633
29249	1330999.508	39.783
29250	1331039.292	39.800
29251	1331079.092	39.858
29252	1331118 950	39.717
29253	1331158.667	39.850
29254	1331198 517	39.717
29255	1331238.233	39.367
29256	1331277.600	39.767
29257	1331317.367	38.800
29258	1331356.167	39.375
29259	1331395.542	39 750
29260	1331435 292	39 700
29261	1331474.992	39 333
29262	1331514.325	39.817
29263	1331554.142	39.192
29264	1331593.333	36.892
29265	1331630 225	39 383
29266	1331669.608	39 858
29267	1331709.467	39.817
29268	1331749.283	39.300
29269	1331788.583	39.875
29270	1331828 458	39.725
29271	1331868 183	39.417
29272	1331907 600	38.725
29273	1331946.325	39.400
29274	1331985.725	39.858
29275	1332025.583	39.500
29276	1332065.083	39.817
29277	1332104 900	39.167
29278	1332144.067	39 717
29279	1332183.783	39.433
29280	1332223.217	39.750
29281	1332262 967	39.342
29282	1332302 308	39.225
29283	1332341.533	39.542
29284	1332381.075	39.858
29285	1332420.933	39.858
29286	1332460.792	39.458
29287	1332500.250	39 958
29288	1332540.208	39.792
29289	1332580.000	39.742
29290	1332619.742	39.767

Weld	Distance (ft.)	Joint Length (ft.)
29291	1332659.508	39.250
29292	1332698.758	39 667
29293	1332738.425	39.750
29294	1332778.175	39.167
29295	1332817.342	39.775
29296	1332857.117	39.475
29297	1332896.592	39.700
29298	1332936.292	39.733
29299	1332976.025	39.833
29300	1333015.858	39.808
29301	1333055.667	39.450
29302	1333095.117	39 850
29303	1333134.967	33.800
29304	1333168.767	39.425
29305	1333208.192	39.608
29306	1333247.800	39.592
29307	1333287.392	39.275
29308	1333326.667	39.292
29309	1333365 958	33.767
29310	1333399 725	39.850
29311	1333439.575	39.417
29312	1333478.992	39.850
29313	1333518.842	13.733
29314	1333532.575	39.308
29315	1333571.883	39.575
29316	1333611.458	36 992
29317	1333648.450	28.867
29318	1333677.317	39.192
29319	1333716.508	39.092
29320	1333755.600	39.850
29321	1333795.450	39.792
29322	1333835 242	39.867
29323	1333875.108	39.608
29324	1333914.717	39.583
29325	1333954.300	39.867
29326	1333994.167	39.858
29327	1334034 025	39.425
29328	1334073 450	18.608
29329	1334092.058	39.850
29330	1334131.908	39.800
29331	1334171.708	39.867
29332	1334211.575	39.833
29333	1334251 408	36.700
29334	1334288.108	39.183
29335	1334327.292	39.842
29336	1334367.133	39.858
29337	1334406.992	39.125
29338	1334446 117	39.558
29339	1334485 675	39.158
29340	1334524.833	39.500
29341	1334564.333	38.958
29342	1334603.292	39.850
29343	1334643.142	39 742
29344	1334682.883	32.533
29345	1334715.417	39.150
29346	1334754.567	39.750
29347	1334794.317	39.675
29348	1334833.992	39.675

Weld	Distance (ft.)	Joint Length (ft.)
29349	1334873.667	39.783
29350	1334913.450	39.833
29351	1334953.283	39.825
29352	1334993.108	39.475
29353	1335032.583	39.533
29354	1335072.117	17.633
29355	1335089.750	38.992
29356	1335128.742	39.650
29357	1335168.392	39.275
29358	1335207.667	39.717
29359	1335247.383	39.808
29360	1335287.192	28.825
29361	1335316.017	39.533
29362	1335355.550	39 275
29363	1335394.825	39.858
29364	1335434.683	39.442
29365	1335474.125	39.333
29366	1335513.458	38.667
29367	1335552.125	39.733
29368	1335591.858	36.467
29369	1335628.325	39 025
29370	1335667.350	39.325
29371	1335706.675	39.000
29372	1335745.675	39.742
29373	1335785.417	39.783
29374	1335825.200	38 867
29375	1335864.067	39 542
29376	1335903.608	39.825
29377	1335943.433	39.767
29378	1335983.200	39.050
29379	1336022.250	39.092
29380	1336061.342	39.767
29381	1336101.108	39.575
29382	1336140.683	39.950
29383	1336180.633	39.725
29384	1336220.358	39.758
29385	1336260.117	39.300
29386	1336299.417	39 833
29387	1336339.250	39 742
29388	1336378.992	39.317
29389	1336418.308	39.725
29390	1336458.033	39.708
29391	1336497.742	39.733
29392	1336537.475	39.742
29393	1336577.217	39.833
29394	1336617.050	39.092
29395	1336656.142	39.175
29396	1336695.317	39.742
29397	1336735.058	26.017
29398	1336761 075	39.400
29399	1336800.475	38.983
29400	1336839.458	39.125
29401	1336878.583	39.775
29402	1336918.358	36 967
29403	1336955.325	38.967
29404	1336994.292	39.808
29405	1337034.100	39.333
29406	1337073.433	39 492

Weld	Distance (ft.)	Joint Length (ft.)
29407	1337112.925	18 958
29408	1337131.883	39.833
29409	1337171.717	39.758
29410	1337211.475	39.025
29411	1337250 500	39.833
29412	1337290.333	39.775
29413	1337330.108	39.550
29414	1337369.658	39.442
29415	1337409.100	39.392
29416	1337448.492	39.842
29417	1337488.333	28.367
29418	1337516.700	39.383
29419	1337556.083	39.775
29420	1337595.858	39.792
29421	1337635.650	28 950
29422	1337664.600	39.792
29423	1337704 392	38.925
29424	1337743.317	39.800
29425	1337783.117	38.942
29426	1337822.058	39.792
29427	1337861 850	30.383
29428	1337892 233	39.517
29429	1337931.750	39.850
29430	1337971.600	39.883
29431	1338011.483	25 300
29432	1338036 783	39.800
29433	1338076 583	39.750
29434	1338116.333	39.067
29435	1338155.400	39.783
29436	1338195.183	39.767
29437	1338234.950	39.392
29438	1338274.342	39.808
29439	1338314.150	39.842
29440	1338353 992	39.850
29441	1338393.842	22.942
29442	1338416.783	26.100
29443	1338442.883	39.758
29444	1338482.642	39.800
29445	1338522 442	39.733
29446	1338562.175	39 817
29447	1338601.992	39 775
29448	1338641 767	39.833
29449	1338681.600	39.800
29450	1338721.400	39 467
29451	1338760.867	39.750
29452	1338800.617	39.808
29453	1338840.425	39.833
29454	1338880.258	39.808
29455	1338920.067	39.567
29456	1338959.633	39.783
29457	1338999.417	39.383
29458	1339038.800	39.925
29459	1339078.725	38.350
29460	1339117.075	39.833
29461	1339156.908	39 692
29462	1339196.600	39.792
29463	1339236.392	39.175
29464	1339275.567	39.767
29465	1339315.333	39.733
29466	1339355.067	39.200
29467	1339394.267	38.350
29468	1339432.617	39.842
29469	1339472.458	39.467
29470	1339511.925	39 342
29471	1339551.267	39.758
29472	1339591 025	38.958
29473	1339629 983	39.500
29474	1339669.483	39.483
29475	1339708.967	39.283
29476	1339748.250	23.275
29477	1339771.525	39 783
29478	1339811 308	39.792
29479	1339851.100	39.683
29480	1339890.783	39.717
29481	1339930.500	38.667
29482	1339969.167	39.717
29483	1340008 883	33.758
29484	1340042 642	39.458
29485	1340082.100	39.767
29486	1340121.867	38.542
29487	1340160.408	39 808
29488	1340200.217	39 867
29489	1340240.083	39.750
29490	1340279.833	39.808
29491	1340319.642	39.050
29492	1340358.692	39.825
29493	1340398.517	39.808
29494	1340438.325	39.758
29495	1340478.083	39.367
29496	1340517.450	39.792
29497	1340557.242	38 958
29498	1340596.200	39.742
29499	1340635.942	38.467
29500	1340674.408	37.800
29501	1340712 208	39 775
29502	1340751.983	39.783
29503	1340791.767	39.408
29504	1340831.175	39.825
29505	1340871 000	39.400
29506	1340910.400	39.842
29507	1340950.242	39.783
29508	1340990.025	39 517
29509	1341029 542	39.892
29510	1341069.433	39.592
29511	1341109.025	39.867
29512	1341148.892	39.092
29513	1341187 983	39.742
29514	1341227.725	39.092
29515	1341266.817	39.675
29516	1341306.492	39.742
29517	1341346 233	39.767
29518	1341386.000	39.158
29519	1341425.158	39.075
29520	1341464 233	39 500
29521	1341503 733	39.350
29522	1341543.083	39.875
29523	1341582.958	39.858
29524	1341622.817	39.442
29525	1341662.258	39.858
29526	1341702.117	39.800
29527	1341741.917	39.475
29528	1341781.392	39.417
29529	1341820 808	39.858
29530	1341860.667	39.708
29531	1341900.375	33 042
29532	1341933.417	39.083
29533	1341972.500	39.167
29534	1342011.667	39.492
29535	1342051.158	39.408
29536	1342090.567	39.767
29537	1342130.333	39.767
29538	1342170.100	39.067
29539	1342209.167	39.717
29540	1342248.883	39.692
29541	1342288.575	39.742
29542	1342328.317	39.467
29543	1342367.783	36.033
29544	1342403.817	39 483
29545	1342443.300	39.767
29546	1342483.067	39.767
29547	1342522.833	39.750
29548	1342562.583	39.817
29549	1342602.400	38.375
29550	1342640.775	39.792
29551	1342680.567	39.517
29552	1342720.083	39.200
29553	1342759.283	39 767
29554	1342799.050	39.767
29555	1342838.817	39.150
29556	1342877.967	16.892
29557	1342894.858	39.358
29558	1342934.217	39.858
29559	1342974.075	39.592
29560	1343013.667	39.458
29561	1343053.125	36.358
29562	1343089.483	39.508
29563	1343128.992	39.642
29564	1343168 633	40.017
29565	1343208.650	39.042
29566	1343247.692	39.750
29567	1343287.442	39.525
29568	1343326 967	39.525
29569	1343366.492	39.675
29570	1343406.167	39.767
29571	1343445.933	39.725
29572	1343485.658	39.492
29573	1343525.150	39.783
29574	1343564.933	38 875
29575	1343603.808	39.717
29576	1343643 525	36.725
29577	1343680.250	39.758
29578	1343720.008	39.758
29579	1343759.767	39.092
29580	1343798.858	39.108

Weld	Distance (ft.)	Joint Length (ft.)
29581	1343837.967	39.733
29582	1343877.700	39.058
29583	1343916.758	39.833
29584	1343956 592	39 800
29585	1343996.392	39.500
29586	1344035.892	39 800
29587	1344075.692	39 792
29588	1344115 483	39.792
29589	1344155.275	39.550
29590	1344194.825	39.583
29591	1344234.408	39.025
29592	1344273.433	39.833
29593	1344313.267	39.758
29594	1344353 025	39 833
29595	1344392.858	39.783
29596	1344432.642	38.975
29597	1344471.617	39.808
29598	1344511.425	39.800
29599	1344551.225	33.633
29600	1344584.858	39.575
29601	1344624.433	39.600
29602	1344664.033	22 208
29603	1344686 242	39 058
29604	1344725.300	32.942
29605	1344758.242	39.833
29606	1344798.075	39.492
29607	1344837.567	39.483
29608	1344877.050	33.050
29609	1344910 100	39.417
29610	1344949 517	39.750
29611	1344989.267	39.300
29612	1345028.567	30.383
29613	1345058.950	39.817
29614	1345098.767	39 033
29615	1345137 800	39.742
29616	1345177.542	30.133
29617	1345207.675	39.800
29618	1345247.475	39.025
29619	1345286.500	39.808
29620	1345326 308	39.783
29621	1345366.092	39.725
29622	1345405 817	39.417
29623	1345445.233	39.100
29624	1345484.333	39.042
29625	1345523.375	39.825
29626	1345563 200	39.800
29627	1345603.000	39 867
29628	1345642.867	39.117
29629	1345681.983	39.808
29630	1345721.792	39.567
29631	1345761.358	39 708
29632	1345801.067	39.550
29633	1345840.617	21.792
29634	1345862.408	39.550
29635	1345901.958	39.700
29636	1345941.658	39 150
29637	1345980 808	33.792
29638	1346014.600	38.283

Weld	Distance (ft.)	Joint Length (ft.)
29639	1346052.883	39.850
29640	1346092.733	38.525
29641	1346131.258	39.183
29642	1346170.442	30.692
29643	1346201 133	36.208
29644	1346237.342	39.192
29645	1346276.533	39.808
29646	1346316.342	39.408
29647	1346355.750	39 900
29648	1346395.650	39 875
29649	1346435.525	39.900
29650	1346475.425	39.683
29651	1346515 108	39.842
29652	1346554.950	31.458
29653	1346586.408	39.183
29654	1346625.592	39 100
29655	1346664.692	20.533
29656	1346685.225	39.108
29657	1346724.333	39.125
29658	1346763.458	39.858
29659	1346803.317	39.833
29660	1346843.150	39.217
29661	1346882.367	39.158
29662	1346921.525	39.858
29663	1346961.383	39.900
29664	1347001.283	39.800
29665	1347041.083	39.842
29666	1347080.925	39.875
29667	1347120.800	33.800
29668	1347154.600	39 783
29669	1347194.383	38.517
29670	1347232.900	38.700
29671	1347271.600	39.192
29672	1347310.792	39.433
29673	1347350.225	39 000
29674	1347389.225	38.942
29675	1347428.167	39.742
29676	1347467.908	39.750
29677	1347507.658	39.750
29678	1347547.408	39.083
29679	1347586.492	39.642
29680	1347626.133	39.158
29681	1347665.292	39.392
29682	1347704.683	39.933
29683	1347744.617	39 617
29684	1347784.233	39.833
29685	1347824.067	39 525
29686	1347863.592	39.075
29687	1347902.667	39.833
29688	1347942.500	39.550
29689	1347982.050	39 775
29690	1348021.825	39 708
29691	1348061.533	39.833
29692	1348101.367	39.450
29693	1348140.817	39.800
29694	1348180.617	34 208
29695	1348214.825	39.033
29696	1348253 858	39.750

Weld	Distance (ft.)	Joint Length (ft.)
29697	1348293.608	39.800
29698	1348333.408	35.933
29699	1348369.342	39.817
29700	1348409.158	39.533
29701	1348448.692	39.683
29702	1348488.375	39.833
29703	1348528.208	39.775
29704	1348567.983	39.758
29705	1348607.742	39.725
29706	1348647.467	39.825
29707	1348687.292	35.592
29708	1348722.883	36.108
29709	1348758.992	39.833
29710	1348798.825	34.108
29711	1348832 933	39.783
29712	1348872.717	39.767
29713	1348912.483	39.775
29714	1348952.258	39.433
29715	1348991.692	39.433
29716	1349031.125	30.783
29717	1349061.908	39.808
29718	1349101.717	39.783
29719	1349141.500	39.808
29720	1349181.308	39.508
29721	1349220.817	39.758
29722	1349260.575	39.867
29723	1349300.442	38.908
29724	1349339.350	39.108
29725	1349378 458	39.158
29726	1349417.617	38.733
29727	1349456.350	38.942
29728	1349495.292	38.775
29729	1349534.067	37.292
29730	1349571.358	39.825
29731	1349611.183	39.825
29732	1349651.008	39.167
29733	1349690.175	39.767
29734	1349729.942	39.783
29735	1349769 725	39.158
29736	1349808.883	39.383
29737	1349848.267	39 775
29738	1349888.042	39 725
29739	1349927.767	39.792
29740	1349967.558	36.542
29741	1350004.100	39.175
29742	1350043.275	35 975
29743	1350079.250	39.883
29744	1350119.133	39.175
29745	1350158.308	39.850
29746	1350198.158	39.475
29747	1350237.633	38.575
29748	1350276.208	39.333
29749	1350315.542	39.775
29750	1350355.317	24.375
29751	1350379.692	15.583
29752	1350395.275	24.933
29753	1350420.208	39.825
29754	1350460.033	39.517

Weld	Distance (ft.)	Joint Length (ft.)
29755	1350499.550	39 733
29756	1350539.283	39.867
29757	1350579.150	39.867
29758	1350619 017	39.742
29759	1350658.758	39.808
29760	1350698.567	39.542
29761	1350738.108	39.825
29762	1350777.933	38.767
29763	1350816.700	39.850
29764	1350856.550	39 850
29765	1350896.400	39.567
29766	1350935.967	39.908
29767	1350975.875	39.517
29768	1351015.392	39.842
29769	1351055.233	39 767
29770	1351095.000	39.417
29771	1351134.417	39.650
29772	1351174 067	39.808
29773	1351213.875	39.800
29774	1351253.675	38.908
29775	1351292.583	39.425
29776	1351332.008	39 592
29777	1351371.600	25.558
29778	1351397.158	23.250
29779	1351420.408	39.783
29780	1351460.192	39.783
29781	1351499.975	39.008
29782	1351538.983	39 325
29783	1351578.308	39.533
29784	1351617.842	39.092
29785	1351656.933	39 400
29786	1351696.333	39.392
29787	1351735.725	39.750
29788	1351775.475	39.742
29789	1351815.217	39.708
29790	1351854.925	39.608
29791	1351894 533	39.750
29792	1351934.283	39.842
29793	1351974.125	36.842
29794	1352010.967	39.833
29795	1352050.800	39 892
29796	1352090.692	39.825
29797	1352130 517	39.058
29798	1352169.575	38.717
29799	1352208.292	39.175
29800	1352247 467	34.050
29801	1352281.517	39.883
29802	1352321.400	39.883
29803	1352361.283	39 125
29804	1352400.408	38 825
29805	1352439 233	39.875
29806	1352479.108	39.933
29807	1352519.042	39.117
29808	1352558.158	39.567
29809	1352597.725	39.533
29810	1352637.258	39.783
29811	1352677.042	39.000
29812	1352716 042	39.825

Weld	Distance (ft.)	Joint Length (ft.)
29813	1352755.867	39.842
29814	1352795.708	39.775
29815	1352835.483	39.883
29816	1352875.367	39.850
29817	1352915.217	39.842
29818	1352955.058	39.242
29819	1352994.300	39.850
29820	1353034.150	39.850
29821	1353074.000	39.500
29822	1353113.500	39.942
29823	1353153.442	39.850
29824	1353193.292	39.108
29825	1353232.400	39.425
29826	1353271.825	39.475
29827	1353311.300	39.683
29828	1353350.983	38.717
29829	1353389 700	39.675
29830	1353429.375	39.008
29831	1353468.383	39.692
29832	1353508 075	39 792
29833	1353547.867	39.717
29834	1353587.583	39.025
29835	1353626.608	39.808
29836	1353666.417	39.733
29837	1353706.150	39.483
29838	1353745.633	36.025
29839	1353781.658	39.567
29840	1353821.225	39.750
29841	1353860.975	39.325
29842	1353900 300	39.733
29843	1353940.033	39 383
29844	1353979.417	20.133
29845	1353999 550	39.742
29846	1354039.292	39.817
29847	1354079.108	39.633
29848	1354118 742	38 867
29849	1354157.608	39.775
29850	1354197.383	39.792
29851	1354237.175	39.567
29852	1354276.742	39.717
29853	1354316.458	39.417
29854	1354355.875	39.450
29855	1354395.325	29.408
29856	1354424.733	39.875
29857	1354464 608	38.983
29858	1354503.592	39.525
29859	1354543.117	39.783
29860	1354582 900	39 550
29861	1354622.450	39.783
29862	1354662.233	39.642
29863	1354701.875	38.692
29864	1354740.567	39.842
29865	1354780.408	28.892
29866	1354809 300	38 808
29867	1354848.108	38.867
29868	1354886.975	38.392
29869	1354925 367	39.350
29870	1354964.717	39 850

Weld	Distance (ft.)	Joint Length (ft.)
29871	1355004.567	39.833
29872	1355044.400	38.875
29873	1355083.275	39.908
29874	1355123.183	38.850
29875	1355162.033	39.500
29876	1355201.533	39.475
29877	1355241.008	39.508
29878	1355280.517	39.750
29879	1355320.267	39.775
29880	1355360.042	39.808
29881	1355399.850	39.817
29882	1355439.667	39.708
29883	1355479.375	39.458
29884	1355518.833	39.742
29885	1355558 575	39 858
29886	1355598.433	39.867
29887	1355638.300	39.342
29888	1355677.642	39.875
29889	1355717.517	39.533
29890	1355757.050	39.867
29891	1355796.917	39.450
29892	1355836.367	39.792
29893	1355876.158	39.750
29894	1355915.908	39.833
29895	1355955 742	39 325
29896	1355995.067	39.792
29897	1356034.858	39.767
29898	1356074.625	39.258
29899	1356113 883	39 708
29900	1356153.592	39.758
29901	1356193.350	39.508
29902	1356232.858	39.725
29903	1356272.583	39.792
29904	1356312.375	23.667
29905	1356336 042	2 075
29906	1356338.117	39.500
29907	1356377 617	39.833
29908	1356417 450	39 742
29909	1356457.192	37.408
29910	1356494.600	39.667
29911	1356534.267	39.150
29912	1356573.417	39.683
29913	1356613.100	39.208
29914	1356652.308	39.067
29915	1356691.375	39.217
29916	1356730.592	39.033
29917	1356769.625	39 700
29918	1356809.325	39.792
29919	1356849.117	39.700
29920	1356888.817	39.008
29921	1356927.825	39.108
29922	1356966 933	39.750
29923	1357006.683	39 533
29924	1357046.217	39.792
29925	1357086 008	39.325
29926	1357125.333	39.683
29927	1357165.017	39.692
29928	1357204 708	39.775

Weld	Distance (ft.)	Joint Length (ft.)
29929	1357244 483	39.042
29930	1357283.525	39.742
29931	1357323.267	36.808
29932	1357360.075	39.383
29933	1357399.458	39.692
29934	1357439.150	39.300
29935	1357478.450	39.667
29936	1357518 117	39.758
29937	1357557 875	39.917
29938	1357597 792	39.692
29939	1357637 483	38.825
29940	1357676.308	39.025
29941	1357715.333	39.500
29942	1357754.833	39.692
29943	1357794.525	39.750
29944	1357834.275	39.433
29945	1357873.708	39.158
29946	1357912.867	39.550
29947	1357952.417	39.333
29948	1357991.750	39.792
29949	1358031.542	39.525
29950	1358071.067	39.725
29951	1358110.792	39.475
29952	1358150.267	38.725
29953	1358188.992	39.425
29954	1358228.417	39.775
29955	1358268.192	38.408
29956	1358306.600	39 075
29957	1358345.675	39 742
29958	1358385.417	39 750
29959	1358425 167	39.408
29960	1358464.575	35.800
29961	1358500.375	39.775
29962	1358540.150	39.792
29963	1358579.942	39.800
29964	1358619.742	39.183
29965	1358658.925	39.750
29966	1358698.675	39.758
29967	1358738.433	39.758
29968	1358778.192	19.417
29969	1358797.608	39.767
29970	1358837.375	39 308
29971	1358876 683	39.808
29972	1358916 492	37.500
29973	1358953.992	36.858
29974	1358990.850	38.550
29975	1359029.400	39.725
29976	1359069.125	39.642
29977	1359108 767	39.025
29978	1359147 792	38.475
29979	1359186.267	36.242
29980	1359222.508	39.683
29981	1359262.192	39.025
29982	1359301.217	39 358
29983	1359340.575	39 317
29984	1359379.892	39.700
29985	1359419.592	39.500
29986	1359459.092	39.392

Weld	Distance (ft.)	Joint Length (ft.)
29987	1359498.483	39.067
29988	1359537.550	39.475
29989	1359577.025	20.025
29990	1359597.050	8.658
29991	1359605.708	2.083
29992	1359607.792	39.117
29993	1359646.908	39.192
29994	1359686.100	39 333
29995	1359725.433	39 683
29996	1359765.117	39 708
29997	1359804.825	39.658
29998	1359844.483	39.758
29999	1359884.242	2.033
30000	1359886.275	39.517
30001	1359925.792	39.875
30002	1359965.667	39.408
30003	1360005 075	39.750
30004	1360044.825	39 725
30005	1360084.550	39.758
30006	1360124.308	39.050
30007	1360163.358	38.817
30008	1360202.175	39.700
30009	1360241.875	38.933
30010	1360280.808	39.750
30011	1360320.558	39.767
30012	1360360.325	39.208
30013	1360399 533	37.483
30014	1360437.017	39.183
30015	1360476.200	39.383
30016	1360515.583	39.792
30017	1360555.375	39.717
30018	1360595.092	39.550
30019	1360634.642	39.717
30020	1360674 358	37.175
30021	1360711.533	39 317
30022	1360750.850	38.900
30023	1360789.750	39.142
30024	1360828.892	39.717
30025	1360868.608	39.558
30026	1360908.167	38.733
30027	1360946.900	39.442
30028	1360986.342	39.767
30029	1361026.108	39.800
30030	1361065.908	39.658
30031	1361105.567	39.425
30032	1361144.992	39.725
30033	1361184 717	39.142
30034	1361223.858	38 892
30035	1361262.750	39.425
30036	1361302.175	36.400
30037	1361338.575	39.650
30038	1361378.225	39 675
30039	1361417 900	39.683
30040	1361457.583	37.450
30041	1361495.033	37.350
30042	1361532.383	39.000
30043	1361571.383	37.800
30044	1361609 183	39.800

Weld	Distance (ft.)	Joint Length (ft.)
30045	1361648.983	39 433
30046	1361688.417	39.683
30047	1361728.100	2.067
30048	1361730.167	24.883
30049	1361755.050	21.775
30050	1361776.825	39.808
30051	1361816 633	38.667
30052	1361855 300	39.033
30053	1361894.333	39.442
30054	1361933.775	39 833
30055	1361973.608	39.767
30056	1362013.375	39.000
30057	1362052.375	39.700
30058	1362092.075	38.683
30059	1362130.758	39.750
30060	1362170.508	39.733
30061	1362210.242	39.792
30062	1362250 033	39.800
30063	1362289.833	39.658
30064	1362329.492	39.775
30065	1362369.267	39 400
30066	1362408.667	39.758
30067	1362448.425	39.883
30068	1362488.308	39.833
30069	1362528.142	39.667
30070	1362567.808	39.733
30071	1362607.542	39.142
30072	1362646.683	38.933
30073	1362685.617	39.558
30074	1362725.175	39.517
30075	1362764.692	39.708
30076	1362804.400	39.408
30077	1362843.808	39.683
30078	1362883.492	39.058
30079	1362922.550	39.900
30080	1362962.450	19 858
30081	1362982.308	38 350
30082	1363020.658	2.025
30083	1363022.683	39.500
30084	1363062.183	37.683
30085	1363099.867	39.425
30086	1363139.292	39.100
30087	1363178.392	39.358
30088	1363217.750	39.667
30089	1363257.417	38.542
30090	1363295.958	38.883
30091	1363334.842	39.425
30092	1363374.267	38.142
30093	1363412.408	38 642
30094	1363451.050	38.850
30095	1363489.900	2.058
30096	1363491.958	39.408
30097	1363531.367	39.800
30098	1363571.167	39.542
30099	1363610.708	39.750
30100	1363650.458	39.800
30101	1363690 258	39.042
30102	1363729.300	39.875

Weld	Distance (ft.)	Joint Length (ft.)
30103	1363769.175	39.850
30104	1363809.025	39.642
30105	1363848.667	38.317
30106	1363886.983	1.958
30107	1363888 942	39.100
30108	1363928.042	29 900
30109	1363957.942	38.733
30110	1363996.675	38.725
30111	1364035.400	38.433
30112	1364073.833	39.575
30113	1364113.408	38.533
30114	1364151.942	38.692
30115	1364190 633	39.242
30116	1364229.875	36.725
30117	1364266.600	38.917
30118	1364305.517	38.858
30119	1364344.375	38.850
30120	1364383 225	39 417
30121	1364422.642	26.350
30122	1364448.992	39.617
30123	1364488.608	39.583
30124	1364528.192	38.558
30125	1364566.750	36.583
30126	1364603.333	39.675
30127	1364643.008	38.933
30128	1364681.942	39.750
30129	1364721.692	39.692
30130	1364761.383	39.142
30131	1364800.525	39.750
30132	1364840.275	39.742
30133	1364880.017	39 817
30134	1364919.833	2.075
30135	1364921.908	39.742
30136	1364961.650	17.892
30137	1364979 542	39.675
30138	1365019 217	39 475
30139	1365058.692	39.642
30140	1365098.333	39.817
30141	1365138.150	39.408
30142	1365177.558	39.725
30143	1365217.283	29.242
30144	1365246.525	39.375
30145	1365285 900	39 808
30146	1365325.708	39.767
30147	1365365.475	39.608
30148	1365405.083	39.808
30149	1365444.892	39 700
30150	1365484.592	39.475
30151	1365524.067	39.592
30152	1365563.658	39.417
30153	1365603 075	2.058
30154	1365605.133	38 992
30155	1365644.125	39.342
30156	1365683 467	39.667
30157	1365723.133	39.842
30158	1365762.975	39.450
30159	1365802.425	38.592
30160	1365841 017	39.250

Weld	Distance (ft.)	Joint Length (ft.)
30161	1365880.267	39.492
30162	1365919.758	39.125
30163	1365958.883	37.992
30164	1365996.875	39.192
30165	1366036.067	37.317
30166	1366073.383	39.492
30167	1366112.875	39.175
30168	1366152.050	39.667
30169	1366191.717	39.775
30170	1366231.492	39.025
30171	1366270.517	39.750
30172	1366310.267	39.742
30173	1366350 008	39.675
30174	1366389.683	39.367
30175	1366429 050	39.417
30176	1366468.467	39.275
30177	1366507.742	39.850
30178	1366547.592	39.442
30179	1366587.033	39.158
30180	1366626.192	34.767
30181	1366660.958	28.133
30182	1366689.092	36 567
30183	1366725.658	36.950
30184	1366762 608	39.692
30185	1366802.300	38 167
30186	1366840.467	39 717
30187	1366880.183	39.767
30188	1366919 950	38.967
30189	1366958 917	39.525
30190	1366998.442	38.583
30191	1367037.025	39.675
30192	1367076.700	20.825
30193	1367097 525	2.042
30194	1367099.567	3.508
30195	1367103.075	1 867
30196	1367104.942	2.867
30197	1367107 808	4.667
30198	1367112 475	5.858
30199	1367118.333	2.258
30200	1367120.592	19.400
30201	1367139.992	46.450
30202	1367186.442	49 417
30203	1367235.858	47 150
30204	1367283.008	48.125
30205	1367331.133	49.775
30206	1367380.908	50 550
30207	1367431.458	49.125
30208	1367480.583	48.700
30209	1367529 283	45.550
30210	1367574.833	50.692
30211	1367625.525	48 233
30212	1367673.758	50.717
30213	1367724 475	49.117
30214	1367773 592	50 433
30215	1367824.025	48.633
30216	1367872.658	51.042
30217	1367923 700	50.883
30218	1367974 583	48 492

Weld	Distance (ft.)	Joint Length (ft.)
30219	1368023.075	43.258
30220	1368066.333	49.383
30221	1368115.717	49.708
30222	1368165.425	48.408
30223	1368213.833	50.392
30224	1368264.225	45 175
30225	1368309.400	49.258
30226	1368358.658	50.733
30227	1368409.392	49.650
30228	1368459.042	49.892
30229	1368508.933	48.750
30230	1368557 683	47.283
30231	1368604.967	48.742
30232	1368653.708	48.583
30233	1368702.292	49.683
30234	1368751.975	50.175
30235	1368802.150	46.750
30236	1368848.900	44.425
30237	1368893.325	7 933
30238	1368901.258	46 558
30239	1368947.817	47.983
30240	1368995.800	45.842
30241	1369041.642	45.600
30242	1369087.242	46.608
30243	1369133.850	49 250
30244	1369183.100	39.892
30245	1369222 992	45.633
30246	1369268.625	44.533
30247	1369313.158	44.750
30248	1369357.908	47.842
30249	1369405.750	46.500
30250	1369452.250	45.233
30251	1369497.483	46.092
30252	1369543.575	50.017
30253	1369593.592	46.342
30254	1369639.933	47.917
30255	1369687 850	46 342
30256	1369734 192	44.100
30257	1369778 292	46.158
30258	1369824.450	49.975
30259	1369874.425	45.650
30260	1369920.075	46.325
30261	1369966.400	50.450
30262	1370016 850	49.783
30263	1370066.633	47.050
30264	1370113.683	40.075
30265	1370153 758	49.542
30266	1370203.300	42.175
30267	1370245 475	44.358
30268	1370289.833	46.708
30269	1370336.542	48.175
30270	1370384.717	28.800
30271	1370413 517	2 567
30272	1370416.083	13.617
30273	1370429.700	50.925
30274	1370480.625	48.792
30275	1370529 417	45.733
30276	1370575.150	46.592

Weld	Distance (ft.)	Joint Length (ft.)
30277	1370621.742	49.317
30278	1370671 058	45.817
30279	1370716.875	50 442
30280	1370767.317	45.217
30281	1370812.533	45.158
30282	1370857.692	48.625
30283	1370906.317	46.233
30284	1370952.550	49.758
30285	1371002.308	50.117
30286	1371052 425	45.742
30287	1371098 167	41.550
30288	1371139.717	46 567
30289	1371186.283	43.025
30290	1371229.308	43.133
30291	1371272.442	50.200
30292	1371322.642	46.925
30293	1371369.567	46.458
30294	1371416.025	47.383
30295	1371463.408	45.542
30296	1371508.950	45.792
30297	1371554.742	28.208
30298	1371582.950	49.300
30299	1371632.250	47.683
30300	1371679 933	46.567
30301	1371726 500	48.450
30302	1371774.950	50.200
30303	1371825.150	46.800
30304	1371871.950	46.717
30305	1371918.667	49.275
30306	1371967.942	20 558
30307	1371988.500	47.375
30308	1372035.875	49.383
30309	1372085.258	47.100
30310	1372132.358	48.825
30311	1372181 183	49.417
30312	1372230 600	47.833
30313	1372278.433	44.892
30314	1372323.325	46.808
30315	1372370.133	45.742
30316	1372415.875	49 242
30317	1372465 117	48.717
30318	1372513.833	48.700
30319	1372562.533	46.733
30320	1372609.267	49.983
30321	1372659.250	41.225
30322	1372700.475	40 300
30323	1372740 775	48.758
30324	1372789.533	44.942
30325	1372834.475	44.950
30326	1372879.425	47.858
30327	1372927 283	39.483
30328	1372966.767	45.967
30329	1373012.733	51.450
30330	1373064.183	49.667
30331	1373113.850	47.958
30332	1373161.808	47 983
30333	1373209.792	48.200
30334	1373257.992	33.442

Weld	Distance (ft.)	Joint Length (ft.)
30335	1373291.433	48.825
30336	1373340.258	46.892
30337	1373387.150	49.083
30338	1373436.233	45.658
30339	1373481.892	49 650
30340	1373531.542	40.650
30341	1373572.192	49.308
30342	1373621.500	46.908
30343	1373668.408	49.233
30344	1373717.642	46.675
30345	1373764 317	49.708
30346	1373814.025	41.808
30347	1373855.833	50.267
30348	1373906.100	43.308
30349	1373949.408	39.808
30350	1373989.217	36.258
30351	1374025 475	49.517
30352	1374074.992	50.575
30353	1374125.567	46.483
30354	1374172.050	45.075
30355	1374217.125	47.667
30356	1374264.792	49.408
30357	1374314.200	49.800
30358	1374364.000	46.200
30359	1374410.200	49.308
30360	1374459 508	47.992
30361	1374507.500	45.517
30362	1374553.017	48.617
30363	1374601.633	51.258
30364	1374652.892	47.692
30365	1374700 583	48.475
30366	1374749.058	48 142
30367	1374797.200	50.017
30368	1374847.217	48.867
30369	1374896.083	46.667
30370	1374942.750	48.233
30371	1374990.983	48 825
30372	1375039.808	34 392
30373	1375074.200	48.467
30374	1375122.667	51.067
30375	1375173 733	41.525
30376	1375215 258	47.975
30377	1375263.233	50.767
30378	1375314.000	48.525
30379	1375362.525	48.475
30380	1375411.000	48.675
30381	1375459 675	43.192
30382	1375502.867	49 608
30383	1375552.475	46.408
30384	1375598 883	48.483
30385	1375647.367	48.333
30386	1375695.700	48.375
30387	1375744.075	49 608
30388	1375793.683	47.892
30389	1375841.575	48.650
30390	1375890.225	50.492
30391	1375940.717	48.475
30392	1375989.192	45.342

Weld	Distance (ft.)	Joint Length (ft.)
30393	1376034.533	46.875
30394	1376081.408	49.317
30395	1376130.725	46.775
30396	1376177.500	48.042
30397	1376225.542	47.892
30398	1376273.433	48.950
30399	1376322.383	41.475
30400	1376363.858	47.633
30401	1376411.492	44.925
30402	1376456.417	46.367
30403	1376502.783	48.667
30404	1376551.450	48.842
30405	1376600.292	51.167
30406	1376651.458	48.358
30407	1376699.817	42 858
30408	1376742.675	49.125
30409	1376791.800	32.933
30410	1376824.733	47.783
30411	1376872.517	46.675
30412	1376919.192	49.908
30413	1376969.100	50.717
30414	1377019.817	50.508
30415	1377070.325	49.250
30416	1377119.575	48.875
30417	1377168.450	47.433
30418	1377215.883	50.075
30419	1377265.958	48.200
30420	1377314.158	47 567
30421	1377361.725	45.358
30422	1377407.083	49.900
30423	1377456.983	48.933
30424	1377505.917	49.383
30425	1377555.300	44.108
30426	1377599.408	49.817
30427	1377649.225	51.017
30428	1377700.242	49.442
30429	1377749.683	49.242
30430	1377798.925	49.075
30431	1377848.000	45 783
30432	1377893.783	50.592
30433	1377944.375	50.358
30434	1377994.733	46.008
30435	1378040.742	50.925
30436	1378091.667	50.992
30437	1378142.658	45.033
30438	1378187.692	48.975
30439	1378236.667	47.792
30440	1378284.458	50.350
30441	1378334.808	45.250
30442	1378380.058	38 025
30443	1378418.083	51.367
30444	1378469.450	40.900
30445	1378510.350	44.558
30446	1378554.908	50 192
30447	1378605.100	47.467
30448	1378652.567	47.200
30449	1378699.767	48.825
30450	1378748 592	47.792

Weld	Distance (ft.)	Joint Length (ft.)
30451	1378796.383	45.625
30452	1378842.008	46 025
30453	1378888.033	35.408
30454	1378923.442	36.350
30455	1378959.792	45.183
30456	1379004.975	47.700
30457	1379052.675	48.842
30458	1379101 517	50.700
30459	1379152 217	48 950
30460	1379201 167	50 892
30461	1379252.058	50.950
30462	1379303.008	48.075
30463	1379351.083	46.633
30464	1379397 717	49.392
30465	1379447.108	37.750
30466	1379484.858	42.733
30467	1379527.592	45.258
30468	1379572.850	46.642
30469	1379619.492	45.283
30470	1379664.775	50.733
30471	1379715.508	50.583
30472	1379766.092	49.950
30473	1379816.042	48.592
30474	1379864 633	49 825
30475	1379914.458	49.867
30476	1379964.325	41.317
30477	1380005.642	51.083
30478	1380056.725	45.900
30479	1380102 625	50 892
30480	1380153.517	47.717
30481	1380201.233	48.525
30482	1380249.758	50.142
30483	1380299.900	49.450
30484	1380349.350	48.000
30485	1380397.350	48.583
30486	1380445 933	49.275
30487	1380495 208	46 808
30488	1380542.017	47.125
30489	1380589.142	46.608
30490	1380635 750	49 617
30491	1380685.367	49.342
30492	1380734.708	50.758
30493	1380785 467	50 783
30494	1380836.250	49.492
30495	1380885.742	50.383
30496	1380936.125	45.292
30497	1380981.417	50.533
30498	1381031.950	50.000
30499	1381081.950	48.400
30500	1381130 350	50 850
30501	1381181.200	48 292
30502	1381229.492	49.550
30503	1381279.042	50.025
30504	1381329.067	50.992
30505	1381380.058	50.383
30506	1381430.442	49.200
30507	1381479.642	48.783
30508	1381528.425	50.958

Weld	Distance (ft.)	Joint Length (ft.)
30509	1381579.383	48.883
30510	1381628.267	49.683
30511	1381677 950	51.150
30512	1381729.100	50.242
30513	1381779.342	49.117
30514	1381828 458	49.283
30515	1381877.742	51 850
30516	1381929.592	49.083
30517	1381978.675	50.192
30518	1382028.867	42.342
30519	1382071.208	47.025
30520	1382118.233	50.025
30521	1382168.258	49.592
30522	1382217.850	50.167
30523	1382268.017	49.283
30524	1382317.300	50 450
30525	1382367.750	47.458
30526	1382415.208	51.250
30527	1382466.458	49.567
30528	1382516.025	50.200
30529	1382566.225	50.150
30530	1382616.375	35 483
30531	1382651.858	8.575
30532	1382660.433	49.775
30533	1382710.208	48.817
30534	1382759 025	50.975
30535	1382810.000	45.442
30536	1382855.442	48.800
30537	1382904.242	49.700
30538	1382953.942	50.675
30539	1383004.617	50 133
30540	1383054.750	50.183
30541	1383104.933	52.008
30542	1383156.942	47.533
30543	1383204 475	49 158
30544	1383253.633	46.717
30545	1383300.350	50.567
30546	1383350.917	48.992
30547	1383399.908	48.308
30548	1383448.217	49.492
30549	1383497.708	35.142
30550	1383532.850	49.983
30551	1383582.833	41.908
30552	1383624.742	50.392
30553	1383675.133	49.125
30554	1383724 258	49.925
30555	1383774.183	50.400
30556	1383824.583	48.708
30557	1383873.292	45.617
30558	1383918.908	51.050
30559	1383969.958	49.658
30560	1384019.617	50.783
30561	1384070 400	44 425
30562	1384114.825	50.167
30563	1384164.992	49.100
30564	1384214.092	49.408
30565	1384263.500	50 350
30566	1384313.850	48.325

Weld	Distance (ft.)	Joint Length (ft.)
30567	1384362.175	49 283
30568	1384411 458	50.633
30569	1384462.092	50.525
30570	1384512.617	52.375
30571	1384564.992	49.542
30572	1384614.533	49.592
30573	1384664.125	48.517
30574	1384712.642	46 417
30575	1384759.058	50 892
30576	1384809.950	51.392
30577	1384861.342	50.717
30578	1384912.058	49.933
30579	1384961.992	47.667
30580	1385009.658	48.200
30581	1385057.858	44 250
30582	1385102 108	49.675
30583	1385151.783	48.800
30584	1385200.583	43.242
30585	1385243.825	37.700
30586	1385281.525	50.917
30587	1385332.442	44.017
30588	1385376.458	31.050
30589	1385407.508	50.383
30590	1385457.892	49.942
30591	1385507.833	49 633
30592	1385557.467	45.167
30593	1385602.633	50.750
30594	1385653.383	50.275
30595	1385703.658	47.542
30596	1385751 200	51.992
30597	1385803.192	51.008
30598	1385854.200	50.325
30599	1385904.525	50.533
30600	1385955.058	47.933
30601	1386002.992	38.333
30602	1386041.325	49.975
30603	1386091.300	45.200
30604	1386136.500	51.033
30605	1386187 533	51.200
30606	1386238.733	45.650
30607	1386284.383	38 733
30608	1386323 117	42 558
30609	1386365 675	49.200
30610	1386414.875	41.142
30611	1386456 017	41 892
30612	1386497.908	49.467
30613	1386547.375	46.617
30614	1386593 992	38.125
30615	1386632.117	50.883
30616	1386683.000	48.842
30617	1386731.842	50.942
30618	1386782.783	49.300
30619	1386832.083	42.392
30620	1386874.475	49.517
30621	1386923.992	48.425
30622	1386972.417	50.275
30623	1387022.692	49.292
30624	1387071.983	49.892

Weld	Distance (ft.)	Joint Length (ft.)
30625	1387121.875	49.983
30626	1387171.858	50.525
30627	1387222.383	50.300
30628	1387272.683	42.400
30629	1387315.083	49.775
30630	1387364.858	49.142
30631	1387414.000	34.800
30632	1387448.800	45 767
30633	1387494.567	50 358
30634	1387544.925	47 908
30635	1387592.833	50.375
30636	1387643.208	46.617
30637	1387689.825	48.208
30638	1387738.033	50.392
30639	1387788.425	49.783
30640	1387838 208	49.958
30641	1387888.167	50 367
30642	1387938.533	48.400
30643	1387986.933	49.142
30644	1388036.075	47.225
30645	1388083.300	50.558
30646	1388133.858	50.033
30647	1388183.892	51.150
30648	1388235 042	50.942
30649	1388285.983	47.342
30650	1388333.325	50.500
30651	1388383.825	49.483
30652	1388433.308	12.883
30653	1388446.192	48.858
30654	1388495.050	48.308
30655	1388543 358	49.992
30656	1388593.350	49 258
30657	1388642.608	35.950
30658	1388678.558	48.442
30659	1388727.000	45.825
30660	1388772.825	47.608
30661	1388820 433	48.133
30662	1388868 567	49.908
30663	1388918.475	47.392
30664	1388965.867	46.675
30665	1389012.542	45.542
30666	1389058.083	49.808
30667	1389107 892	50.450
30668	1389158.342	50 217
30669	1389208.558	45.708
30670	1389254.267	46.317
30671	1389300.583	48.942
30672	1389349.525	49.408
30673	1389398.933	49.892
30674	1389448.825	50.275
30675	1389499.100	46 125
30676	1389545.225	48.683
30677	1389593.908	49.217
30678	1389643.125	51.033
30679	1389694.158	34 675
30680	1389728.833	51.658
30681	1389780.492	49.975
30682	1389830.467	45.742

Weld	Distance (ft.)	Joint Length (ft.)
30683	1389876.208	46.742
30684	1389922.950	48.433
30685	1389971.383	46.883
30686	1390018.267	41.975
30687	1390060.242	49.208
30688	1390109.450	49.575
30689	1390159.025	50.317
30690	1390209.342	46.167
30691	1390255.508	47.608
30692	1390303 117	45.892
30693	1390349 008	49.383
30694	1390398.392	45.108
30695	1390443.500	47.433
30696	1390490.933	46.175
30697	1390537.108	42.967
30698	1390580.075	49.533
30699	1390629.608	50.783
30700	1390680.392	50.275
30701	1390730.667	48.275
30702	1390778.942	39 417
30703	1390818.358	43.008
30704	1390861.367	43.508
30705	1390904.875	46.558
30706	1390951.433	50.117
30707	1391001.550	46.175
30708	1391047.725	50.608
30709	1391098.333	37 983
30710	1391136.317	41 800
30711	1391178.117	45.733
30712	1391223.850	46.667
30713	1391270.517	50.117
30714	1391320.633	48.792
30715	1391369 425	46.008
30716	1391415.433	49.408
30717	1391464.842	46.500
30718	1391511.342	48.158
30719	1391559.500	44.825
30720	1391604.325	46.125
30721	1391650.450	50 742
30722	1391701.192	44 967
30723	1391746.158	50.933
30724	1391797.092	50.208
30725	1391847.300	44.317
30726	1391891 617	50.100
30727	1391941.717	50 158
30728	1391991.875	49.217
30729	1392041.092	36.075
30730	1392077.167	46.125
30731	1392123.292	50.317
30732	1392173.608	45.258
30733	1392218.867	49.708
30734	1392268.575	48.692
30735	1392317.267	48.975
30736	1392366.242	45.792
30737	1392412 033	48.075
30738	1392460.108	35.000
30739	1392495.108	1.958
30740	1392497 067	4.750

Weld	Distance (ft.)	Joint Length (ft.)
30741	1392501.817	15.792
30742	1392517.608	33.358
30743	1392550.967	50.125
30744	1392601.092	50.533
30745	1392651 625	50.925
30746	1392702.550	46.058
30747	1392748.608	45.558
30748	1392794.167	48.533
30749	1392842.700	47.200
30750	1392889.900	47.392
30751	1392937.292	41.583
30752	1392978.875	49.883
30753	1393028.758	45 883
30754	1393074.642	50 175
30755	1393124.817	47.783
30756	1393172 600	44.425
30757	1393217.025	42.267
30758	1393259.292	33.742
30759	1393293.033	45.933
30760	1393338.967	47 250
30761	1393386.217	50.600
30762	1393436.817	48.808
30763	1393485.625	47.625
30764	1393533.250	43.858
30765	1393577.108	44.417
30766	1393621.525	48.683
30767	1393670.208	48.958
30768	1393719.167	50.100
30769	1393769.267	45.883
30770	1393815.150	50.300
30771	1393865.450	46.150
30772	1393911.600	46.883
30773	1393958.483	33.558
30774	1393992.042	51.167
30775	1394043.208	45.758
30776	1394088.967	48.492
30777	1394137.458	45.900
30778	1394183.358	48.600
30779	1394231.958	49.408
30780	1394281.367	49.750
30781	1394331.117	46 358
30782	1394377.475	46.183
30783	1394423.658	50.217
30784	1394473 875	47.000
30785	1394520.875	49.283
30786	1394570.158	50.458
30787	1394620.617	46.567
30788	1394667.183	48.625
30789	1394715 808	46.258
30790	1394762.067	44.567
30791	1394806.633	51.142
30792	1394857.775	50.958
30793	1394908.733	35.933
30794	1394944.667	44.133
30795	1394988.800	49.308
30796	1395038.108	49.100
30797	1395087.208	44.317
30798	1395131.525	48.033

Weld	Distance (ft.)	Joint Length (ft.)
30799	1395179.558	43.617
30800	1395223.175	48.092
30801	1395271 267	50 975
30802	1395322 242	47.750
30803	1395369.992	49.067
30804	1395419.058	47.267
30805	1395466.325	45.908
30806	1395512.233	49 167
30807	1395561.400	50.625
30808	1395612.025	47.250
30809	1395659 275	43.417
30810	1395702.692	49.267
30811	1395751.958	49.833
30812	1395801.792	49.867
30813	1395851 658	50 000
30814	1395901.658	45.917
30815	1395947.575	46.108
30816	1395993.683	50.833
30817	1396044.517	44.450
30818	1396088.967	45 758
30819	1396134.725	49.800
30820	1396184.525	45.683
30821	1396230.208	46.917
30822	1396277.125	45.883
30823	1396323.008	51.133
30824	1396374.142	46.217
30825	1396420.358	38.508
30826	1396458.867	46.358
30827	1396505.225	50.192
30828	1396555.417	50 067
30829	1396605.483	43 767
30830	1396649 250	50.883
30831	1396700.133	40.775
30832	1396740.908	44 658
30833	1396785.567	49.400
30834	1396834.967	46.367
30835	1396881.333	45.800
30836	1396927.133	48.758
30837	1396975.892	46.483
30838	1397022.375	49.967
30839	1397072.342	46.750
30840	1397119.092	48 750
30841	1397167.842	45 317
30842	1397213 158	46.867
30843	1397260 025	46.475
30844	1397306.500	47.967
30845	1397354.467	47 983
30846	1397402 450	44.700
30847	1397447.150	48.950
30848	1397496.100	48.492
30849	1397544 592	49.933
30850	1397594.525	49.183
30851	1397643.708	46.700
30852	1397690.408	49.183
30853	1397739.592	42.892
30854	1397782.483	46.317
30855	1397828.800	49.292
30856	1397878.092	42.592

Weld	Distance (ft.)	Joint Length (ft.)
30857	1397920.683	50.525
30858	1397971.208	51.625
30859	1398022.833	50.033
30860	1398072.867	49.083
30861	1398121.950	51.392
30862	1398173.342	49.267
30863	1398222.608	45.167
30864	1398267 775	47.117
30865	1398314 892	51.017
30866	1398365.908	48.850
30867	1398414.758	50.692
30868	1398465.450	50.967
30869	1398516.417	47.242
30870	1398563.658	48.475
30871	1398612.133	49.117
30872	1398661 250	46.558
30873	1398707.808	49.650
30874	1398757.458	48 525
30875	1398805.983	47.525
30876	1398853.508	50.667
30877	1398904.175	46.450
30878	1398950.625	47.375
30879	1398998.000	49.708
30880	1399047.708	49.667
30881	1399097 375	45.108
30882	1399142 483	49.775
30883	1399192.258	48.308
30884	1399240.567	45 467
30885	1399286.033	49.092
30886	1399335.125	50.592
30887	1399385.717	49.725
30888	1399435.442	38.617
30889	1399474.058	46.450
30890	1399520.508	48.108
30891	1399568 617	51.550
30892	1399620 167	51.167
30893	1399671.333	50.225
30894	1399721.558	45.417
30895	1399766 975	43.417
30896	1399810.392	38.017
30897	1399848.408	7 925
30898	1399856.333	40.375
30899	1399896.708	42.583
30900	1399939.292	43.425
30901	1399982.717	39.933
30902	1400022.650	38.167
30903	1400060.817	43.500
30904	1400104 317	40.033
30905	1400144.350	43 625
30906	1400187.975	41.975
30907	1400229.950	40.975
30908	1400270.925	42.558
30909	1400313.483	42 817
30910	1400356.300	23.958
30911	1400380.258	42.933
30912	1400423.192	44.092
30913	1400467.283	38.775
30914	1400506.058	43.108

Weld	Distance (ft.)	Joint Length (ft.)
30915	1400549.167	41.617
30916	1400590.783	41 350
30917	1400632.133	39.508
30918	1400671.642	38.333
30919	1400709.975	42.675
30920	1400752.650	42.333
30921	1400794.983	38.967
30922	1400833.950	37.842
30923	1400871.792	43 950
30924	1400915.742	43.108
30925	1400958.850	43.167
30926	1401002.017	43.158
30927	1401045.175	35.217
30928	1401080.392	43.167
30929	1401123.558	41.167
30930	1401164.725	43.217
30931	1401207.942	42.517
30932	1401250.458	37.475
30933	1401287.933	43.467
30934	1401331.400	3.233
30935	1401334.633	24 425
30936	1401359.058	22.375
30937	1401381.433	2.000
30938	1401383 433	26.325
30939	1401409 758	16.317
30940	1401426.075	42.508
30941	1401468.583	1.942
30942	1401470.525	6.983
30943	1401477.508	44.133
30944	1401521.642	5.633
30945	1401527.275	21.867
30946	1401549.142	43.783
30947	1401592.925	41.683
30948	1401634.608	42.542
30949	1401677.150	42.092
30950	1401719.242	39 617
30951	1401758.858	41.808
30952	1401800.667	43.258
30953	1401843.925	43 825
30954	1401887.750	41.158
30955	1401928.908	44.867
30956	1401973 775	42.500
30957	1402016.275	44.125
30958	1402060.400	42.550
30959	1402102.950	40.900
30960	1402143 850	43.908
30961	1402187.758	42.592
30962	1402230.350	43.267
30963	1402273.617	43.183
30964	1402316 800	41.858
30965	1402358 658	42.975
30966	1402401.633	42 350
30967	1402443.983	43.775
30968	1402487 758	42.692
30969	1402530.450	43 725
30970	1402574.175	41 200
30971	1402615.375	41.275
30972	1402656.650	41.050

Weld	Distance (ft.)	Joint Length (ft.)
30973	1402697.700	43.533
30974	1402741 233	43.133
30975	1402784.367	40.858
30976	1402825.225	40.483
30977	1402865.708	44.242
30978	1402909.950	39.308
30979	1402949.258	43.233
30980	1402992.492	39.792
30981	1403032.283	43.625
30982	1403075.908	42.117
30983	1403118 025	43.492
30984	1403161.517	41.508
30985	1403203.025	40.350
30986	1403243.375	42.717
30987	1403286.092	39.083
30988	1403325.175	42.508
30989	1403367.683	43.767
30990	1403411.450	44.075
30991	1403455.525	41.833
30992	1403497.358	42.583
30993	1403539.942	39.792
30994	1403579.733	38 525
30995	1403618.258	43.142
30996	1403661.400	41.483
30997	1403702.883	40.600
30998	1403743 483	44.275
30999	1403787 758	39.617
31000	1403827.375	41.975
31001	1403869.350	34.583
31002	1403903.933	40.625
31003	1403944.558	41.842
31004	1403986 400	41.267
31005	1404027.667	38.717
31006	1404066.383	43 592
31007	1404109.975	43.925
31008	1404153.900	44.958
31009	1404198.858	41.617
31010	1404240 475	42.942
31011	1404283.417	40.958
31012	1404324.375	43 750
31013	1404368.125	43.125
31014	1404411.250	42.867
31015	1404454 117	43.967
31016	1404498.083	42 167
31017	1404540.250	42.825
31018	1404583.075	42.025
31019	1404625.100	42.492
31020	1404667.592	37.800
31021	1404705 392	38.325
31022	1404743.717	42.217
31023	1404785.933	40.842
31024	1404826.775	42.800
31025	1404869 575	42.183
31026	1404911.758	44.817
31027	1404956.575	43 600
31028	1405000.175	43.125
31029	1405043 300	44.000
31030	1405087.300	41 608

Weld	Distance (ft.)	Joint Length (ft.)
31031	1405128.908	46.708
31032	1405175.617	48 400
31033	1405224.017	46.258
31034	1405270.275	44.750
31035	1405315.025	47.008
31036	1405362.033	47.575
31037	1405409.608	33.542
31038	1405443.150	51.633
31039	1405494.783	50.858
31040	1405545.642	48.717
31041	1405594.358	47.600
31042	1405641.958	52.200
31043	1405694.158	46.183
31044	1405740.342	48.408
31045	1405788.750	51.125
31046	1405839.875	48.933
31047	1405888.808	50.058
31048	1405938 867	44.850
31049	1405983 717	51.400
31050	1406035.117	49.375
31051	1406084.492	50.375
31052	1406134.867	49.742
31053	1406184.608	50.258
31054	1406234.867	49.025
31055	1406283.892	48.808
31056	1406332.700	51.142
31057	1406383.842	37.950
31058	1406421.792	48.775
31059	1406470.567	49.117
31060	1406519 683	47.733
31061	1406567.417	48 883
31062	1406616.300	49.283
31063	1406665.583	47.950
31064	1406713.533	49.192
31065	1406762 725	48.917
31066	1406811 642	50.683
31067	1406862.325	50.375
31068	1406912.700	45.675
31069	1406958.375	48.142
31070	1407006.517	49.742
31071	1407056.258	44.483
31072	1407100.742	33.883
31073	1407134.625	47.208
31074	1407181.833	49.192
31075	1407231.025	44.450
31076	1407275 475	51.958
31077	1407327 433	46.050
31078	1407373.483	51.175
31079	1407424.658	50.108
31080	1407474.767	49.475
31081	1407524 242	49.883
31082	1407574.125	48.958
31083	1407623.083	46.633
31084	1407669.717	46.567
31085	1407716.283	45.492
31086	1407761 775	34.200
31087	1407795.975	35.200
31088	1407831 175	39.000

Weld	Distance (ft.)	Joint Length (ft.)
31089	1407870.175	51.775
31090	1407921.950	43.933
31091	1407965.883	49.100
31092	1408014.983	31 308
31093	1408046.292	48.775
31094	1408095.067	46 250
31095	1408141.317	46.008
31096	1408187.325	46.483
31097	1408233.808	42.575
31098	1408276.383	51.325
31099	1408327.708	49.183
31100	1408376.892	49.367
31101	1408426.258	47.067
31102	1408473.325	48.833
31103	1408522.158	49.108
31104	1408571.267	50.100
31105	1408621.367	1.392
31106	1408622.758	11.575
31107	1408634 333	12.717
31108	1408647 050	5.000
31109	1408652.050	12.650
31110	1408664.700	12.483
31111	1408677.183	48.342
31112	1408725.525	49.358
31113	1408774.883	48.675
31114	1408823 558	45.392
31115	1408868.950	48.325
31116	1408917.275	46.842
31117	1408964.117	51.833
31118	1409015.950	49.125
31119	1409065 075	50.033
31120	1409115.108	46.767
31121	1409161.875	51.892
31122	1409213.767	49.575
31123	1409263.342	47.742
31124	1409311.083	52.083
31125	1409363.167	48 050
31126	1409411.217	47.683
31127	1409458.900	44.642
31128	1409503.542	50.258
31129	1409553.800	38.433
31130	1409592.233	36.517
31131	1409628.750	49.058
31132	1409677.808	50.217
31133	1409728.025	49.633
31134	1409777.658	44.392
31135	1409822 050	52.208
31136	1409874.258	45.700
31137	1409919.958	43.367
31138	1409963.325	49.875
31139	1410013.200	44.792
31140	1410057.992	46.142
31141	1410104.133	44.758
31142	1410148.892	50.150
31143	1410199.042	47.983
31144	1410247.025	50.733
31145	1410297.758	41.725
31146	1410339.483	50.750

Weld	Distance (ft.)	Joint Length (ft.)
31147	1410390.233	50.075
31148	1410440.308	41 667
31149	1410481.975	47.750
31150	1410529.725	49.233
31151	1410578.958	45.875
31152	1410624 833	49.233
31153	1410674.067	44.842
31154	1410718.908	48.925
31155	1410767.833	50.633
31156	1410818.467	49.833
31157	1410868.300	45.417
31158	1410913 717	45 092
31159	1410958.808	49.083
31160	1411007.892	49.733
31161	1411057.625	43.192
31162	1411100.817	49.483
31163	1411150 300	39 467
31164	1411189.767	49.400
31165	1411239.167	49.800
31166	1411288.967	48.242
31167	1411337 208	47.125
31168	1411384.333	52.367
31169	1411436.700	48.150
31170	1411484.850	46.108
31171	1411530.958	49.642
31172	1411580.600	52 300
31173	1411632.900	48.417
31174	1411681.317	49.425
31175	1411730 742	46.450
31176	1411777.192	49.483
31177	1411826.675	52.283
31178	1411878.958	44.942
31179	1411923.900	36.533
31180	1411960 433	46 558
31181	1412006.992	46.800
31182	1412053.792	50.042
31183	1412103.833	43.933
31184	1412147.767	47.967
31185	1412195.733	47.500
31186	1412243.233	46.283
31187	1412289.517	42 658
31188	1412332.175	49.358
31189	1412381.533	49.867
31190	1412431 400	44.658
31191	1412476.058	48 558
31192	1412524.617	50.783
31193	1412575 400	51.200
31194	1412626.600	50.333
31195	1412676.933	47.058
31196	1412723.992	41.008
31197	1412765.000	49.758
31198	1412814.758	50.692
31199	1412865.450	47.150
31200	1412912.600	52 292
31201	1412964.892	52.392
31202	1413017.283	50.625
31203	1413067 908	48.600
31204	1413116.508	47.575
31205	1413164.083	50.150
31206	1413214.233	45.775
31207	1413260.008	42 083
31208	1413302.092	48.875
31209	1413350.967	47.117
31210	1413398.083	25.758
31211	1413423.842	4 650
31212	1413428 492	9 292
31213	1413437.783	49.708
31214	1413487.492	48.525
31215	1413536.017	46.233
31216	1413582.250	46.233
31217	1413628 483	47 200
31218	1413675 683	50.767
31219	1413726.450	45.742
31220	1413772.192	45.558
31221	1413817.750	45.917
31222	1413863.667	49.367
31223	1413913.033	49.383
31224	1413962.417	40.817
31225	1414003.233	37.825
31226	1414041.058	46.167
31227	1414087.225	49.650
31228	1414136.875	45.833
31229	1414182.708	38.275
31230	1414220 983	46 600
31231	1414267 583	49.592
31232	1414317.175	53 200
31233	1414370.375	50.508
31234	1414420.883	44.433
31235	1414465.317	48.283
31236	1414513.600	36.550
31237	1414550.150	46.975
31238	1414597.125	50.075
31239	1414647.200	50.875
31240	1414698.075	49 900
31241	1414747.975	46.075
31242	1414794 050	48.900
31243	1414842 950	48 700
31244	1414891.650	45.617
31245	1414937.267	49.117
31246	1414986.383	50.267
31247	1415036.650	44.017
31248	1415080.667	46.850
31249	1415127.517	50.575
31250	1415178 092	49.258
31251	1415227.350	44.258
31252	1415271.608	38.550
31253	1415310.158	52.525
31254	1415362 683	49 967
31255	1415412.650	49.667
31256	1415462.317	40.917
31257	1415503.233	45.283
31258	1415548.517	49 133
31259	1415597.650	50.208
31260	1415647.858	49.908
31261	1415697 767	50.133
31262	1415747.900	44.817
31263	1415792.717	45.917
31264	1415838.633	45.400
31265	1415884.033	49.042
31266	1415933.075	50.425
31267	1415983 500	49.958
31268	1416033.458	51 333
31269	1416084.792	47.042
31270	1416131.833	50.192
31271	1416182.025	48.925
31272	1416230.950	46 850
31273	1416277.800	50 317
31274	1416328.117	49.825
31275	1416377.942	45.217
31276	1416423.158	47.158
31277	1416470 317	49.492
31278	1416519.808	46.850
31279	1416566.658	47 525
31280	1416614.183	35.633
31281	1416649.817	50.217
31282	1416700 033	49.775
31283	1416749.808	51.642
31284	1416801.450	46.267
31285	1416847.717	49.567
31286	1416897.283	44.542
31287	1416941.825	50 958
31288	1416992.783	45.817
31289	1417038.600	48.217
31290	1417086.817	49.908
31291	1417136.725	41.775
31292	1417178.500	48 200
31293	1417226.700	44 442
31294	1417271.142	49.533
31295	1417320.675	42.033
31296	1417362 708	45.825
31297	1417408.533	50.983
31298	1417459.517	49.917
31299	1417509.433	50.508
31300	1417559.942	49.942
31301	1417609.883	49.583
31302	1417659.467	50.583
31303	1417710.050	46.867
31304	1417756.917	48.283
31305	1417805.200	48.742
31306	1417853.942	45.417
31307	1417899.358	50.650
31308	1417950.008	46 100
31309	1417996.108	48.725
31310	1418044.833	49.817
31311	1418094 650	45.583
31312	1418140 233	46 692
31313	1418186 925	46.533
31314	1418233.458	48.992
31315	1418282.450	47.383
31316	1418329 833	46.083
31317	1418375.917	41.417
31318	1418417.333	48.133
31319	1418465 467	48 067
31320	1418513.533	50 575

Weld	Distance (ft.)	Joint Length (ft.)
31321	1418564.108	45 117
31322	1418609.225	48.808
31323	1418658.033	48.042
31324	1418706.075	45.008
31325	1418751.083	52.275
31326	1418803.358	41.600
31327	1418844.958	47.733
31328	1418892.692	47.125
31329	1418939.817	50.267
31330	1418990.083	50.900
31331	1419040.983	47.908
31332	1419088.892	45.642
31333	1419134.533	50.442
31334	1419184 975	50.300
31335	1419235.275	47.625
31336	1419282.900	49.075
31337	1419331.975	47.592
31338	1419379 567	44.475
31339	1419424.042	49 125
31340	1419473.167	47 900
31341	1419521.067	44.958
31342	1419566.025	49.450
31343	1419615.475	48.333
31344	1419663 808	45.658
31345	1419709.467	49.392
31346	1419758.858	47.150
31347	1419806.008	49.833
31348	1419855.842	45.350
31349	1419901.192	46 767
31350	1419947.958	44.700
31351	1419992.658	46.883
31352	1420039.542	46.117
31353	1420085.658	46.892
31354	1420132.550	52.183
31355	1420184.733	46 292
31356	1420231.025	50.175
31357	1420281.200	48.358
31358	1420329.558	49.317
31359	1420378.875	46 083
31360	1420424.958	49 558
31361	1420474.517	44.692
31362	1420519.208	33.217
31363	1420552.425	39.200
31364	1420591 625	36.467
31365	1420628.092	45 667
31366	1420673.758	37.367
31367	1420711.125	50.758
31368	1420761 883	49.617
31369	1420811.500	36 350
31370	1420847.850	42.267
31371	1420890.117	49.542
31372	1420939 658	48.792
31373	1420988.450	48.142
31374	1421036.592	46.367
31375	1421082.958	49.000
31376	1421131.958	49.233
31377	1421181 192	48 558
31378	1421229.750	49.200

Weld	Distance (ft.)	Joint Length (ft.)
31379	1421278.950	49.475
31380	1421328.425	50.942
31381	1421379 367	50.158
31382	1421429.525	41.242
31383	1421470.767	49.683
31384	1421520.450	51.558
31385	1421572.008	51.567
31386	1421623.575	49.817
31387	1421673.392	51.350
31388	1421724.742	46 292
31389	1421771.033	49.567
31390	1421820.600	51.100
31391	1421871.700	47.833
31392	1421919.533	51.008
31393	1421970.542	46.250
31394	1422016.792	46 150
31395	1422062.942	46.467
31396	1422109.408	47.450
31397	1422156.858	49.367
31398	1422206.225	46.817
31399	1422253.042	46.342
31400	1422299 383	47.100
31401	1422346 483	46.533
31402	1422393.017	45.767
31403	1422438.783	49.567
31404	1422488.350	47.150
31405	1422535.500	47 067
31406	1422582.567	46.758
31407	1422629.325	49.275
31408	1422678.600	39.658
31409	1422718.258	49.858
31410	1422768.117	44 950
31411	1422813 067	49.675
31412	1422862.742	49.650
31413	1422912.392	51.058
31414	1422963.450	50.842
31415	1423014.292	49 400
31416	1423063.692	49.008
31417	1423112.700	47.100
31418	1423159.800	47.600
31419	1423207 400	48.225
31420	1423255 625	49.067
31421	1423304.692	45.200
31422	1423349.892	52.708
31423	1423402.600	49.567
31424	1423452.167	44 008
31425	1423496.175	46.250
31426	1423542.425	49.233
31427	1423591.658	52.233
31428	1423643.892	45.833
31429	1423689.725	47.225
31430	1423736.950	49.767
31431	1423786.717	50.325
31432	1423837.042	47 533
31433	1423884 575	46.483
31434	1423931.058	49.358
31435	1423980.417	47.183
31436	1424027 600	46.883

Weld	Distance (ft.)	Joint Length (ft.)
31437	1424074.483	51.042
31438	1424125.525	44.617
31439	1424170.142	51.325
31440	1424221.467	49.492
31441	1424270 958	50.125
31442	1424321.083	50.950
31443	1424372.033	50 525
31444	1424422.558	45.842
31445	1424468.400	51.083
31446	1424519.483	47.075
31447	1424566.558	51.517
31448	1424618.075	49.575
31449	1424667.650	46.892
31450	1424714.542	51.108
31451	1424765.650	50.358
31452	1424816.008	48.817
31453	1424864.825	50.400
31454	1424915 225	41.767
31455	1424956.992	41.742
31456	1424998.733	50.442
31457	1425049.175	47.808
31458	1425096.983	51.533
31459	1425148.517	44.733
31460	1425193 250	39.775
31461	1425233.025	45.967
31462	1425278.992	48.450
31463	1425327.442	44.225
31464	1425371.667	49.258
31465	1425420.925	45 350
31466	1425466.275	50.192
31467	1425516.467	50.742
31468	1425567.208	50.283
31469	1425617 492	51.242
31470	1425668.733	51 442
31471	1425720.175	49.917
31472	1425770.092	44.658
31473	1425814.750	47.825
31474	1425862.575	45.433
31475	1425908.008	45.217
31476	1425953.225	49.317
31477	1426002.542	45.367
31478	1426047.908	47.125
31479	1426095 033	49.742
31480	1426144.775	48.975
31481	1426193.750	50.317
31482	1426244.067	49.833
31483	1426293.900	49.883
31484	1426343.783	48.992
31485	1426392.775	35.158
31486	1426427.933	50.975
31487	1426478.908	51.567
31488	1426530.475	51.008
31489	1426581.483	49.558
31490	1426631.042	43.958
31491	1426675.000	49.892
31492	1426724 892	43.758
31493	1426768.650	48.992
31494	1426817.642	46.217

Weld	Distance (ft.)	Joint Length (ft.)
31495	1426863.858	48 117
31496	1426911.975	49.242
31497	1426961.217	47.467
31498	1427008 683	42.817
31499	1427051.500	49.942
31500	1427101.442	45.658
31501	1427147.100	48.300
31502	1427195 400	41.900
31503	1427237.300	49 108
31504	1427286.408	45 358
31505	1427331.767	34.250
31506	1427366.017	48.567
31507	1427414.583	45.392
31508	1427459.975	37.942
31509	1427497.917	44.492
31510	1427542.408	48.183
31511	1427590.592	48.967
31512	1427639.558	43.800
31513	1427683.358	49.417
31514	1427732 775	44.975
31515	1427777.750	45.042
31516	1427822.792	44.933
31517	1427867.725	45.933
31518	1427913.658	43.583
31519	1427957.242	46.383
31520	1428003.625	45.450
31521	1428049.075	46.342
31522	1428095.417	51.567
31523	1428146.983	45.658
31524	1428192.642	49.400
31525	1428242.042	48.025
31526	1428290.067	46 125
31527	1428336.192	33.058
31528	1428369.250	48 075
31529	1428417.325	49.375
31530	1428466 700	42.742
31531	1428509 442	34.367
31532	1428543.808	48.567
31533	1428592 375	49.075
31534	1428641.450	50.600
31535	1428692.050	46.708
31536	1428738 758	48.242
31537	1428787.000	48.042
31538	1428835.042	42.633
31539	1428877.675	46.408
31540	1428924.083	48.017
31541	1428972.100	50.275
31542	1429022.375	50.058
31543	1429072.433	47.267
31544	1429119.700	23.792
31545	1429143.492	21.250
31546	1429164.742	47 958
31547	1429212.700	50.175
31548	1429262.875	10 383
31549	1429273.258	27.733
31550	1429300 992	43.567
31551	1429344.558	47.200
31552	1429391.758	49.092

Weld	Distance (ft.)	Joint Length (ft.)
31553	1429440.850	51 008
31554	1429491.858	45.350
31555	1429537.208	46.600
31556	1429583.808	45.733
31557	1429629.542	48.217
31558	1429677.758	46.233
31559	1429723.992	44.742
31560	1429768.733	45.692
31561	1429814.425	50.383
31562	1429864.808	45.283
31563	1429910.092	47.425
31564	1429957.517	46.925
31565	1430004.442	42.742
31566	1430047 183	45 217
31567	1430092.400	45.025
31568	1430137.425	44.817
31569	1430182.242	48.417
31570	1430230 658	43 667
31571	1430274.325	46.067
31572	1430320.392	49.483
31573	1430369.875	43.983
31574	1430413.858	40 725
31575	1430454.583	46.242
31576	1430500.825	46.708
31577	1430547.533	50.925
31578	1430598.458	43.600
31579	1430642.058	44.392
31580	1430686.450	50.550
31581	1430737.000	47.550
31582	1430784.550	47.300
31583	1430831.850	45.667
31584	1430877.517	48.017
31585	1430925.533	50.500
31586	1430976 033	45.125
31587	1431021.158	49.925
31588	1431071.083	50.408
31589	1431121.492	45.542
31590	1431167.033	48.550
31591	1431215.583	49.383
31592	1431264.967	43.500
31593	1431308 467	49 358
31594	1431357.825	43.742
31595	1431401.567	42.567
31596	1431444.133	49.633
31597	1431493.767	50.442
31598	1431544.208	40.658
31599	1431584 867	50.008
31600	1431634.875	48.850
31601	1431683.725	49.275
31602	1431733.000	50.850
31603	1431783.850	15.925
31604	1431799.775	45.492
31605	1431845.267	27.433
31606	1431872.700	44.142
31607	1431916 842	47.217
31608	1431964 058	47.417
31609	1432011.475	49.317
31610	1432060.792	49.375

Weld	Distance (ft.)	Joint Length (ft.)
31611	1432110 167	48.308
31612	1432158.475	45.292
31613	1432203.767	33.117
31614	1432236.883	43.858
31615	1432280.742	43.725
31616	1432324.467	43.167
31617	1432367.633	43.050
31618	1432410.683	45.742
31619	1432456.425	50.817
31620	1432507.242	42.767
31621	1432550.008	49.117
31622	1432599.125	45.667
31623	1432644.792	46.392
31624	1432691.183	46.492
31625	1432737 675	49.675
31626	1432787.350	50.683
31627	1432838.033	49.992
31628	1432888 025	47.425
31629	1432935.450	46.433
31630	1432981.883	49 675
31631	1433031.558	50.650
31632	1433082 208	49.392
31633	1433131.600	46.058
31634	1433177.658	48.192
31635	1433225.850	50.533
31636	1433276.383	46.167
31637	1433322.550	51.225
31638	1433373.775	50.017
31639	1433423 792	44.883
31640	1433468.675	42.050
31641	1433510.725	49.625
31642	1433560.350	50.517
31643	1433610.867	49.117
31644	1433659.983	46.708
31645	1433706 692	39.450
31646	1433746.142	46.333
31647	1433792.475	49.442
31648	1433841.917	45.192
31649	1433887.108	44.933
31650	1433932.042	44.275
31651	1433976.317	45.150
31652	1434021 467	45.858
31653	1434067 325	45 392
31654	1434112.717	50.667
31655	1434163 383	45.842
31656	1434209 225	21 708
31657	1434230.933	49.767
31658	1434280.700	48.567
31659	1434329.267	20.942
31660	1434350.208	48.733
31661	1434398.942	50.717
31662	1434449 658	47 917
31663	1434497.575	50.108
31664	1434547.683	50.258
31665	1434597 942	37.258
31666	1434635.200	49.208
31667	1434684.408	39.667
31668	1434724.075	49.025

Weld	Distance (ft.)	Joint Length (ft.)
31669	1434773 100	49.383
31670	1434822.483	49 733
31671	1434872.217	49.975
31672	1434922.192	50.075
31673	1434972.267	45.533
31674	1435017.800	49.283
31675	1435067.083	49.458
31676	1435116 542	50.242
31677	1435166.783	47.992
31678	1435214.775	48.117
31679	1435262.892	48.725
31680	1435311.617	49.083
31681	1435360.700	50.142
31682	1435410 842	45.858
31683	1435456.700	48 350
31684	1435505.050	46.967
31685	1435552.017	48.700
31686	1435600.717	51.058
31687	1435651.775	40.433
31688	1435692 208	46.283
31689	1435738.492	44 600
31690	1435783.092	45.083
31691	1435828.175	47.042
31692	1435875.217	46.858
31693	1435922.075	49.908
31694	1435971.983	45.558
31695	1436017.542	45.217
31696	1436062.758	46.442
31697	1436109.200	45.992
31698	1436155 192	44.650
31699	1436199.842	46.600
31700	1436246.442	44.292
31701	1436290.733	45.767
31702	1436336.500	46.283
31703	1436382.783	50.250
31704	1436433 033	50.225
31705	1436483.258	46.492
31706	1436529.750	46.450
31707	1436576.200	50.000
31708	1436626.200	49 300
31709	1436675.500	48.108
31710	1436723.608	50.292
31711	1436773.900	40.450
31712	1436814 350	44.583
31713	1436858.933	50.400
31714	1436909.333	44.317
31715	1436953.650	45 658
31716	1436999 308	48.408
31717	1437047 717	45.417
31718	1437093.133	45.525
31719	1437138.658	49.358
31720	1437188 017	45.883
31721	1437233 900	46.317
31722	1437280.217	45.817
31723	1437326.033	46.758
31724	1437372.792	49 483
31725	1437422.275	49.725
31726	1437472.000	48.733

Weld	Distance (ft.)	Joint Length (ft.)
31727	1437520.733	45.767
31728	1437566.500	49.867
31729	1437616.367	46.475
31730	1437662.842	45 425
31731	1437708.267	48.125
31732	1437756.392	42.200
31733	1437798.592	46.700
31734	1437845.292	43.975
31735	1437889.267	45.825
31736	1437935.092	49.492
31737	1437984.583	45.600
31738	1438030.183	46 058
31739	1438076.242	46.658
31740	1438122.900	46.233
31741	1438169.133	45.917
31742	1438215.050	49.617
31743	1438264.667	46.750
31744	1438311.417	46.975
31745	1438358.392	44.908
31746	1438403.300	49.183
31747	1438452 483	48.683
31748	1438501.167	50.217
31749	1438551.383	47.975
31750	1438599.358	41.717
31751	1438641.075	47.417
31752	1438688.492	38.708
31753	1438727.200	48.125
31754	1438775.325	46 492
31755	1438821.817	49.800
31756	1438871.617	48.892
31757	1438920 508	45.975
31758	1438966.483	49.975
31759	1439016.458	50.758
31760	1439067.217	48.650
31761	1439115 867	47.183
31762	1439163.050	45.267
31763	1439208.317	44.200
31764	1439252.517	46.733
31765	1439299.250	49.208
31766	1439348.458	45.550
31767	1439394.008	49.092
31768	1439443.100	46.442
31769	1439489.542	48.267
31770	1439537.808	33.917
31771	1439571.725	49.692
31772	1439621.417	46.008
31773	1439667.425	45.050
31774	1439712.475	50.617
31775	1439763.092	51.642
31776	1439814.733	40.975
31777	1439855.708	47.750
31778	1439903.458	44.583
31779	1439948.042	50.583
31780	1439998.625	49.033
31781	1440047.658	45.533
31782	1440093.192	49.333
31783	1440142.525	46.983
31784	1440189.508	49.625

Weld	Distance (ft.)	Joint Length (ft.)
31785	1440239.133	51.033
31786	1440290.167	49.283
31787	1440339.450	47.200
31788	1440386.650	50.725
31789	1440437 375	48.900
31790	1440486.275	49 125
31791	1440535.400	49.783
31792	1440585.183	49.783
31793	1440634.967	49.392
31794	1440684.358	49.942
31795	1440734.300	41.092
31796	1440775.392	40 633
31797	1440816.025	50.233
31798	1440866.258	48.358
31799	1440914.617	50.833
31800	1440965.450	50.333
31801	1441015.783	49.133
31802	1441064.917	50.650
31803	1441115.567	49.150
31804	1441164.717	39.117
31805	1441203.833	49.950
31806	1441253 783	48.817
31807	1441302.600	50.008
31808	1441352.608	46.642
31809	1441399.250	49.833
31810	1441449.083	50.200
31811	1441499.283	47.633
31812	1441546.917	50.975
31813	1441597.892	48 808
31814	1441646.700	49.117
31815	1441695.817	49.417
31816	1441745.233	48.100
31817	1441793.333	50.708
31818	1441844.042	50.017
31819	1441894.058	49.400
31820	1441943.458	40.108
31821	1441983 567	48.850
31822	1442032.417	50.267
31823	1442082.683	50.642
31824	1442133.325	49.383
31825	1442182.708	50.992
31826	1442233.700	40.750
31827	1442274.450	49.575
31828	1442324.025	45.742
31829	1442369.767	37.242
31830	1442407.008	26.733
31831	1442433.742	44.192
31832	1442477.933	44.942
31833	1442522.875	46.308
31834	1442569.183	44.983
31835	1442614.167	45.650
31836	1442659.817	30.242
31837	1442690.058	41.542
31838	1442731.600	47.467
31839	1442779.067	49.133
31840	1442828.200	34 383
31841	1442862.583	35.508
31842	1442898 092	44.208

Weld	Distance (ft.)	Joint Length (ft.)
31843	1442942.300	46.100
31844	1442988.400	46.150
31845	1443034.550	45.350
31846	1443079.900	49 733
31847	1443129.633	49 258
31848	1443178.892	45.658
31849	1443224.550	50.300
31850	1443274.850	48.575
31851	1443323.425	46.067
31852	1443369.492	45.558
31853	1443415.050	48.925
31854	1443463.975	50.158
31855	1443514 133	46.783
31856	1443560.917	48 683
31857	1443609.600	52.083
31858	1443661 683	42.258
31859	1443703.942	37.258
31860	1443741.200	45.825
31861	1443787.025	45.692
31862	1443832.717	50.783
31863	1443883 500	46.250
31864	1443929.750	15.583
31865	1443945.333	15.983
31866	1443961.317	4.675
31867	1443965.992	16 008
31868	1443982.000	15.683
31869	1443997.683	34.117
31870	1444031.800	40 283
31871	1444072.083	44 375
31872	1444116.458	49.367
31873	1444165.825	50.492
31874	1444216.317	50.425
31875	1444266.742	49.625
31876	1444316 367	45.308
31877	1444361.675	33.633
31878	1444395.308	50.383
31879	1444445.692	49.858
31880	1444495.550	48.333
31881	1444543.883	50.808
31882	1444594.692	45.183
31883	1444639.875	48 825
31884	1444688.700	46 442
31885	1444735.142	49.483
31886	1444784.625	48 842
31887	1444833.467	46.533
31888	1444880.000	46.667
31889	1444926.667	44.108
31890	1444970.775	44.558
31891	1445015 333	45.817
31892	1445061.150	43.542
31893	1445104.692	44 600
31894	1445149.292	45.550
31895	1445194.842	45.017
31896	1445239.858	44 950
31897	1445284.808	49.433
31898	1445334.242	50.042
31899	1445384.283	47.458
31900	1445431.742	47.933

Weld	Distance (ft.)	Joint Length (ft.)
31901	1445479.675	49 483
31902	1445529 158	48.708
31903	1445577.867	48.742
31904	1445626.608	43.967
31905	1445670.575	45.275
31906	1445715.850	48.192
31907	1445764 042	46 542
31908	1445810 583	48.167
31909	1445858.750	43.758
31910	1445902.508	47.617
31911	1445950.125	51.275
31912	1446001.400	45 542
31913	1446046.942	48.750
31914	1446095.692	50.333
31915	1446146 025	42.217
31916	1446188.242	42.783
31917	1446231.025	49.558
31918	1446280.583	45.392
31919	1446325.975	46.600
31920	1446372.575	48.558
31921	1446421.133	49.883
31922	1446471.017	45.625
31923	1446516.642	45.892
31924	1446562.533	48.008
31925	1446610.542	49.317
31926	1446659.858	44.242
31927	1446704.100	46.117
31928	1446750.217	37.950
31929	1446788.167	43.417
31930	1446831 583	46 992
31931	1446878.575	46.100
31932	1446924.675	46.517
31933	1446971.192	50.658
31934	1447021.850	51 150
31935	1447073.000	45.950
31936	1447118.950	44.083
31937	1447163.033	45.817
31938	1447208.850	49.950
31939	1447258.800	46.100
31940	1447304.900	47.517
31941	1447352.417	46.467
31942	1447398.883	41.467
31943	1447440.350	45.025
31944	1447485.375	48.608
31945	1447533.983	49.025
31946	1447583.008	47 342
31947	1447630.350	50.475
31948	1447680.825	44.983
31949	1447725.808	43.883
31950	1447769.692	45.792
31951	1447815.483	45.467
31952	1447860.950	46.142
31953	1447907 092	46.608
31954	1447953.700	38.792
31955	1447992 492	51.242
31956	1448043.733	48.708
31957	1448092.442	48.267
31958	1448140.708	47.608

Weld	Distance (ft.)	Joint Length (ft.)
31959	1448188.317	50.533
31960	1448238.850	51.258
31961	1448290.108	48.542
31962	1448338.650	47.508
31963	1448386.158	42.900
31964	1448429.058	48.575
31965	1448477.633	45.908
31966	1448523.542	48.742
31967	1448572.283	50.308
31968	1448622.592	47.108
31969	1448669.700	50.000
31970	1448719.700	48.733
31971	1448768.433	46.625
31972	1448815.058	45 625
31973	1448860.683	47.475
31974	1448908.158	46.708
31975	1448954.867	40.900
31976	1448995 767	47.792
31977	1449043.558	50.142
31978	1449093.700	50.408
31979	1449144.108	48.692
31980	1449192.800	50.258
31981	1449243.058	41.858
31982	1449284.917	48.025
31983	1449332 942	50 658
31984	1449383.600	50.433
31985	1449434.033	48.933
31986	1449482.967	49 392
31987	1449532 358	49 467
31988	1449581.825	48.575
31989	1449630.400	50.233
31990	1449680 633	46.608
31991	1449727 242	43 233
31992	1449770.475	44.825
31993	1449815.300	45.792
31994	1449861.092	44 783
31995	1449905.875	47.467
31996	1449953.342	44 417
31997	1449997.758	49.492
31998	1450047.250	44.883
31999	1450092.133	47.467
32000	1450139.600	48.950
32001	1450188.550	50.508
32002	1450239.058	44.617
32003	1450283.675	50.158
32004	1450333.833	50.350
32005	1450384.183	47.392
32006	1450431.575	50.883
32007	1450482.458	43.325
32008	1450525.783	46.042
32009	1450571.825	45.258
32010	1450617.083	44.758
32011	1450661 842	43.508
32012	1450705 350	45.675
32013	1450751 025	45.367
32014	1450796 392	49 683
32015	1450846.075	46.158
32016	1450892.233	49.358

Weld	Distance (ft.)	Joint Length (ft.)
32017	1450941.592	51.042
32018	1450992 633	48 958
32019	1451041.592	43.475
32020	1451085.067	46.233
32021	1451131.300	48.883
32022	1451180.183	43.400
32023	1451223.583	49 608
32024	1451273 192	50.400
32025	1451323 592	50.158
32026	1451373.750	50.692
32027	1451424.442	49.975
32028	1451474.417	48.750
32029	1451523.167	41.692
32030	1451564.858	44.642
32031	1451609.500	45.167
32032	1451654.667	48.233
32033	1451702.900	43.833
32034	1451746.733	45.008
32035	1451791.742	42.967
32036	1451834 708	43.817
32037	1451878.525	49.425
32038	1451927.950	43.092
32039	1451971.042	43.408
32040	1452014.450	44 308
32041	1452058.758	48.167
32042	1452106.925	50.817
32043	1452157.742	50 750
32044	1452208.492	51.025
32045	1452259 517	34.425
32046	1452293.942	42.325
32047	1452336.267	48.567
32048	1452384.833	43.517
32049	1452428.350	49.675
32050	1452478.025	43.625
32051	1452521.650	45.383
32052	1452567.033	43.975
32053	1452611.008	44 183
32054	1452655 192	49.133
32055	1452704.325	44.217
32056	1452748.542	49.100
32057	1452797.642	50 767
32058	1452848 408	45.717
32059	1452894.125	48.975
32060	1452943.100	45.942
32061	1452989.042	46 858
32062	1453035 900	49.567
32063	1453085.467	49.292
32064	1453134.758	47.067
32065	1453181.825	31.100
32066	1453212.925	48 592
32067	1453261 517	34.917
32068	1453296.433	47.783
32069	1453344.217	49.200
32070	1453393 417	44.683
32071	1453438.100	44.333
32072	1453482.433	46.858
32073	1453529.292	39 042
32074	1453568 333	37.675
32075	1453606.008	49.308
32076	1453655.317	49.092
32077	1453704.408	50.725
32078	1453755.133	49.375
32079	1453804.508	46.642
32080	1453851.150	39.750
32081	1453890.900	50.267
32082	1453941.167	49 442
32083	1453990.608	48.408
32084	1454039.017	50.242
32085	1454089.258	46.142
32086	1454135.400	50.358
32087	1454185.758	48 733
32088	1454234.492	49.950
32089	1454284.442	49.483
32090	1454333.925	47.917
32091	1454381.842	50.658
32092	1454432 500	46.367
32093	1454478 867	48.192
32094	1454527.058	47.775
32095	1454574.833	50.100
32096	1454624.933	49.808
32097	1454674.742	51.767
32098	1454726.508	51.142
32099	1454777.650	47.117
32100	1454824.767	49.900
32101	1454874.667	41.467
32102	1454916 133	49.575
32103	1454965 708	48.092
32104	1455013.800	50.125
32105	1455063.925	48.317
32106	1455112.242	48.917
32107	1455161.158	49.617
32108	1455210.775	35.550
32109	1455246.325	49.958
32110	1455296.283	45.667
32111	1455341.950	49.875
32112	1455391.825	49.608
32113	1455441.433	49.133
32114	1455490.567	46.933
32115	1455537.500	35.342
32116	1455572.842	48 900
32117	1455621.742	45.225
32118	1455666.967	49.983
32119	1455716.950	48.250
32120	1455765.200	49.242
32121	1455814.442	47.325
32122	1455861.767	49.383
32123	1455911.150	47.283
32124	1455958 433	48.350
32125	1456006.783	52.192
32126	1456058.975	46.192
32127	1456105.167	50.442
32128	1456155.608	45.958
32129	1456201.567	49 100
32130	1456250.667	49.892
32131	1456300.558	45.325
32132	1456345.883	50.567
32133	1456396.450	48.008
32134	1456444.458	44 300
32135	1456488.758	45.925
32136	1456534.683	44.167
32137	1456578.850	43.442
32138	1456622.292	46.917
32139	1456669.208	44.525
32140	1456713.733	48 658
32141	1456762.392	49.108
32142	1456811.500	27.992
32143	1456839.492	32.375
32144	1456871.867	32.583
32145	1456904.450	51.092
32146	1456955.542	45.783
32147	1457001.325	49 217
32148	1457050.542	45.200
32149	1457095.742	47.133
32150	1457142.875	49.908
32151	1457192.783	48.858
32152	1457241.642	47 950
32153	1457289.592	50.017
32154	1457339.608	50.867
32155	1457390.475	46.775
32156	1457437.250	47.008
32157	1457484.258	43 958
32158	1457528.217	44.917
32159	1457573.133	50.808
32160	1457623 942	46.508
32161	1457670 450	33.725
32162	1457704.175	45.050
32163	1457749.225	42.875
32164	1457792.100	45.725
32165	1457837.825	46.992
32166	1457884.817	45.683
32167	1457930.500	48.908
32168	1457979.408	46.092
32169	1458025.500	50.008
32170	1458075.508	49.342
32171	1458124.850	49.417
32172	1458174.267	45.917
32173	1458220.183	33.100
32174	1458253 283	49.750
32175	1458303.033	45.467
32176	1458348.500	49.617
32177	1458398.117	50.308
32178	1458448 425	47.367
32179	1458495.792	47.675
32180	1458543.467	42.842
32181	1458586.308	49.283
32182	1458635.592	50.483
32183	1458686.075	47.775
32184	1458733.850	46.700
32185	1458780.550	46 058
32186	1458826.608	46.067
32187	1458872 675	52.875
32188	1458925.550	47.025
32189	1458972.575	47.683
32190	1459020.258	48.183

Weld	Distance (ft.)	Joint Length (ft.)
32191	1459068.442	49.642
32192	1459118.083	45.792
32193	1459163.875	48.975
32194	1459212.850	48.883
32195	1459261.733	51.975
32196	1459313 708	52 692
32197	1459366.400	46 200
32198	1459412.600	46.167
32199	1459458.767	44.458
32200	1459503.225	47.125
32201	1459550.350	48.833
32202	1459599.183	49.200
32203	1459648.383	47.392
32204	1459695.775	42 875
32205	1459738.650	49.025
32206	1459787.675	49.233
32207	1459836 908	52 158
32208	1459889.067	47.433
32209	1459936.500	46.675
32210	1459983 175	43.333
32211	1460026.508	48.658
32212	1460075.167	50.500
32213	1460125.667	50.308
32214	1460175.975	48.792
32215	1460224.767	48.267
32216	1460273.033	43.950
32217	1460316.983	51.925
32218	1460368.908	46.142
32219	1460415.050	49.808
32220	1460464.858	49 183
32221	1460514.042	49.292
32222	1460563.333	49.300
32223	1460612.633	47.075
32224	1460659.708	50.783
32225	1460710 492	47.250
32226	1460757.742	47.142
32227	1460804.883	47.558
32228	1460852 442	47.900
32229	1460900.342	51.733
32230	1460952.075	49.475
32231	1461001.550	50.158
32232	1461051.708	48.425
32233	1461100 133	45.392
32234	1461145.525	43 075
32235	1461188.600	50.792
32236	1461239.392	46.475
32237	1461285.867	50 417
32238	1461336.283	50.742
32239	1461387.025	51.817
32240	1461438.842	51.350
32241	1461490 192	49.750
32242	1461539.942	51.467
32243	1461591.408	49.958
32244	1461641.367	50.567
32245	1461691.933	50 942
32246	1461742.875	43.492
32247	1461786.367	49.042
32248	1461835.408	49.283

Weld	Distance (ft.)	Joint Length (ft.)
32249	1461884.692	52.025
32250	1461936.717	48.775
32251	1461985.492	49.658
32252	1462035.150	49.033
32253	1462084.183	49.675
32254	1462133.858	46.675
32255	1462180.533	47.942
32256	1462228.475	50.767
32257	1462279.242	48.808
32258	1462328.050	49.983
32259	1462378.033	49.575
32260	1462427.608	50.808
32261	1462478.417	41.725
32262	1462520 142	49.533
32263	1462569.675	49 708
32264	1462619.383	49.933
32265	1462669.317	50.575
32266	1462719 892	45 992
32267	1462765.883	46.492
32268	1462812.375	49.608
32269	1462861.983	47.967
32270	1462909.950	45.467
32271	1462955.417	46.425
32272	1463001.842	40.100
32273	1463041.942	46.608
32274	1463088.550	41.558
32275	1463130.108	51.592
32276	1463181.700	33 075
32277	1463214.775	48.400
32278	1463263.175	47.908
32279	1463311 083	49 017
32280	1463360.100	51.125
32281	1463411.225	45.892
32282	1463457 117	46 308
32283	1463503.425	46.975
32284	1463550.400	43.442
32285	1463593.842	47.292
32286	1463641.133	48.958
32287	1463690.092	50.858
32288	1463740.950	44 825
32289	1463785.775	49.550
32290	1463835 325	48.675
32291	1463884.000	51.075
32292	1463935.075	50.100
32293	1463985.175	48.825
32294	1464034 000	47.875
32295	1464081.875	49.517
32296	1464131.392	45.700
32297	1464177.092	46.958
32298	1464224.050	49.767
32299	1464273 817	49 283
32300	1464323.100	46.667
32301	1464369.767	49.333
32302	1464419.100	50.008
32303	1464469.108	41.108
32304	1464510.217	48.883
32305	1464559 100	45.733
32306	1464604.833	46.133

Weld	Distance (ft.)	Joint Length (ft.)
32307	1464650.967	43.375
32308	1464694.342	48.100
32309	1464742.442	49 125
32310	1464791.567	46.383
32311	1464837.950	37.742
32312	1464875.692	48.442
32313	1464924.133	44.700
32314	1464968.833	42.867
32315	1465011.700	52.650
32316	1465064.350	50.742
32317	1465115.092	46.108
32318	1465161.200	48.650
32319	1465209.850	38.367
32320	1465248.217	47 175
32321	1465295.392	43.608
32322	1465339.000	44.867
32323	1465383.867	52.175
32324	1465436.042	45.050
32325	1465481.092	50.742
32326	1465531.833	45.533
32327	1465577.367	48.300
32328	1465625.667	42.583
32329	1465668 250	42.225
32330	1465710.475	45 525
32331	1465756.000	49.767
32332	1465805 767	41.133
32333	1465846.900	44 158
32334	1465891.058	48.983
32335	1465940 042	45.683
32336	1465985.725	45.542
32337	1466031.267	49.317
32338	1466080.583	48.075
32339	1466128.658	49 033
32340	1466177.692	34.542
32341	1466212 233	45.650
32342	1466257 883	42 617
32343	1466300.500	50.700
32344	1466351 200	46.242
32345	1466397.442	50.058
32346	1466447.500	48.308
32347	1466495.808	50.217
32348	1466546.025	49.883
32349	1466595 908	50.133
32350	1466646 042	49.492
32351	1466695.533	44 425
32352	1466739.958	45.750
32353	1466785.708	50.225
32354	1466835.933	46.983
32355	1466882.917	46.142
32356	1466929.058	45.875
32357	1466974.933	48.200
32358	1467023.133	45.625
32359	1467068 758	45.517
32360	1467114.275	50.025
32361	1467164.300	48.217
32362	1467212.517	47.167
32363	1467259.683	46.392
32364	1467306.075	44.983

Weld	Distance (ft.)	Joint Length (ft.)
32365	1467351.058	51.225
32366	1467402.283	48.025
32367	1467450.308	45.525
32368	1467495.833	48.492
32369	1467544.325	49.317
32370	1467593.642	50.842
32371	1467644 483	47.450
32372	1467691.933	50.058
32373	1467741.992	34.917
32374	1467776.908	46.150
32375	1467823.058	50.858
32376	1467873.917	50.275
32377	1467924.192	45 708
32378	1467969.900	46.858
32379	1468016.758	45.942
32380	1468062.700	45.058
32381	1468107.758	37.400
32382	1468145.158	44.592
32383	1468189 750	50.225
32384	1468239.975	50 158
32385	1468290.133	50.458
32386	1468340.592	50.525
32387	1468391.117	49.317
32388	1468440.433	45.133
32389	1468485.567	49 717
32390	1468535.283	48 400
32391	1468583.683	44.983
32392	1468628.667	45.342
32393	1468674.008	47 308
32394	1468721.317	46 792
32395	1468768 108	48.592
32396	1468816.700	46.217
32397	1468862.917	45.267
32398	1468908 183	51.117
32399	1468959.300	46 133
32400	1469005 433	45.675
32401	1469051.108	51.775
32402	1469102.883	51.450
32403	1469154.333	49.592
32404	1469203 925	45.275
32405	1469249 200	46.167
32406	1469295.367	49.508
32407	1469344.875	48.367
32408	1469393.242	45 733
32409	1469438 975	50.825
32410	1469489.800	50.925
32411	1469540.725	47.483
32412	1469588.208	47.875
32413	1469636.083	44.950
32414	1469681.033	49.183
32415	1469730.217	50.942
32416	1469781.158	50.525
32417	1469831.683	44.167
32418	1469875.850	45.333
32419	1469921.183	49.508
32420	1469970.692	44.500
32421	1470015 192	49.408
32422	1470064 600	49.183

Weld	Distance (ft.)	Joint Length (ft.)
32423	1470113.783	44.458
32424	1470158.242	45.050
32425	1470203.292	47.225
32426	1470250.517	44.475
32427	1470294.992	45.558
32428	1470340.550	51.408
32429	1470391.958	49.250
32430	1470441 208	48.450
32431	1470489.658	50.833
32432	1470540.492	45.117
32433	1470585.608	41 133
32434	1470626.742	51.658
32435	1470678.400	49.583
32436	1470727.983	47.983
32437	1470775.967	50.442
32438	1470826.408	51.525
32439	1470877.933	50 008
32440	1470927.942	45.933
32441	1470973.875	50.267
32442	1471024.142	50.408
32443	1471074.550	50.683
32444	1471125.233	51.108
32445	1471176.342	51.508
32446	1471227.850	51.083
32447	1471278 933	50.333
32448	1471329 267	50.758
32449	1471380.025	48.142
32450	1471428.167	50.808
32451	1471478.975	51.292
32452	1471530.267	49.642
32453	1471579.908	50.825
32454	1471630.733	47.600
32455	1471678.333	43.583
32456	1471721.917	42.108
32457	1471764.025	49.000
32458	1471813.025	45.567
32459	1471858.592	47.133
32460	1471905.725	48.375
32461	1471954.100	50.750
32462	1472004.850	44.900
32463	1472049 750	51 458
32464	1472101.208	50 325
32465	1472151.533	51.400
32466	1472202.933	49.567
32467	1472252 500	50.225
32468	1472302.725	43 642
32469	1472346.367	47.525
32470	1472393.892	44.358
32471	1472438.250	48.442
32472	1472486.692	51.067
32473	1472537.758	51.575
32474	1472589.333	50.308
32475	1472639.642	44.133
32476	1472683 775	48.050
32477	1472731.825	48.292
32478	1472780.117	48.125
32479	1472828.242	49.683
32480	1472877 925	49.033

Weld	Distance (ft.)	Joint Length (ft.)
32481	1472926.958	49 408
32482	1472976.367	51.550
32483	1473027 917	50 208
32484	1473078.125	45.858
32485	1473123.983	46.533
32486	1473170.517	51.475
32487	1473221.992	47.475
32488	1473269.467	50.967
32489	1473320.433	49 600
32490	1473370.033	49.617
32491	1473419.650	50.392
32492	1473470.042	32.158
32493	1473502.200	49.617
32494	1473551.817	50.342
32495	1473602.158	48.675
32496	1473650.833	45.733
32497	1473696.567	35.025
32498	1473731.592	50.433
32499	1473782.025	49.600
32500	1473831.625	47.533
32501	1473879.158	47.942
32502	1473927.100	49.050
32503	1473976.150	49.683
32504	1474025.833	49.725
32505	1474075.558	40.783
32506	1474116.342	45.050
32507	1474161.392	47.108
32508	1474208.500	48.742
32509	1474257.242	49.750
32510	1474306.992	51.342
32511	1474358.333	52.142
32512	1474410.475	50.375
32513	1474460.850	50.625
32514	1474511.475	47.492
32515	1474558.967	50.000
32516	1474608.967	50.583
32517	1474659 550	44.533
32518	1474704.083	49.200
32519	1474753.283	45.375
32520	1474798.658	46.675
32521	1474845.333	49.617
32522	1474894.950	47.917
32523	1474942.867	48.233
32524	1474991.100	34.875
32525	1475025.975	42.058
32526	1475068 033	42.550
32527	1475110.583	47.617
32528	1475158.200	52.308
32529	1475210.508	50.433
32530	1475260.942	49 492
32531	1475310.433	45.350
32532	1475355.783	49.500
32533	1475405.283	46.825
32534	1475452.108	44.025
32535	1475496.133	50.592
32536	1475546.725	46.117
32537	1475592.842	44.783
32538	1475637.625	50.850

Weld	Distance (ft.)	Joint Length (ft.)
32539	1475688.475	52.017
32540	1475740.492	43.425
32541	1475783.917	49.542
32542	1475833 458	46 608
32543	1475880.067	49.933
32544	1475930.000	46.025
32545	1475976.025	44.708
32546	1476020.733	46.033
32547	1476066.767	46.242
32548	1476113.008	47.450
32549	1476160.458	44.933
32550	1476205 392	50.325
32551	1476255 717	48.908
32552	1476304.625	50 083
32553	1476354.708	45.758
32554	1476400.467	45.542
32555	1476446 008	50 942
32556	1476496.950	46.225
32557	1476543.175	49.608
32558	1476592 783	51 625
32559	1476644.408	50.942
32560	1476695.350	38.450
32561	1476733.800	49.175
32562	1476782.975	44.833
32563	1476827.808	50.883
32564	1476878.692	50.717
32565	1476929.408	45.433
32566	1476974.842	47.892
32567	1477022.733	49.850
32568	1477072.583	43.300
32569	1477115 883	44.925
32570	1477160.808	46.558
32571	1477207 367	51.258
32572	1477258.625	49.325
32573	1477307.950	45.192
32574	1477353.142	51.500
32575	1477404 642	45.517
32576	1477450.158	49.600
32577	1477499.758	52.108
32578	1477551 867	51.733
32579	1477603.600	38 842
32580	1477642.442	49.592
32581	1477692 033	43.242
32582	1477735.275	50.458
32583	1477785.733	50.117
32584	1477835.850	50.683
32585	1477886.533	48 833
32586	1477935.367	50.725
32587	1477986.092	49.667
32588	1478035.758	45.367
32589	1478081.125	50.275
32590	1478131 400	49 683
32591	1478181.083	48.583
32592	1478229.667	50.317
32593	1478279.983	49.692
32594	1478329.675	50 217
32595	1478379.892	49 583
32596	1478429 475	49.983

Weld	Distance (ft.)	Joint Length (ft.)
32597	1478479.458	49 008
32598	1478528.467	51 708
32599	1478580.175	47.608
32600	1478627.783	34.892
32601	1478662.675	41.967
32602	1478704.642	40.108
32603	1478744.750	46.775
32604	1478791.525	49.292
32605	1478840.817	44.108
32606	1478884 925	44 792
32607	1478929.717	45.800
32608	1478975.517	48.658
32609	1479024.175	46.208
32610	1479070.383	46.600
32611	1479116 983	49 367
32612	1479166.350	39 767
32613	1479206.117	50.517
32614	1479256.633	46.433
32615	1479303.067	46 883
32616	1479349.950	45.650
32617	1479395.600	46.200
32618	1479441 800	48.050
32619	1479489.850	46.558
32620	1479536.408	51.442
32621	1479587.850	51.800
32622	1479639.650	46.817
32623	1479686.467	49 208
32624	1479735.675	48.117
32625	1479783 792	46.942
32626	1479830.733	50.117
32627	1479880.850	45 000
32628	1479925.850	47.825
32629	1479973 675	47.258
32630	1480020.933	45.058
32631	1480065.992	47.192
32632	1480113 183	46.150
32633	1480159.333	48 158
32634	1480207.492	50.000
32635	1480257.492	48.275
32636	1480305.767	50.350
32637	1480356.117	47.683
32638	1480403.800	50.275
32639	1480454 075	45.575
32640	1480499.650	44.975
32641	1480544.625	46.992
32642	1480591.617	45.267
32643	1480636.883	48 242
32644	1480685.125	44.767
32645	1480729.892	47.475
32646	1480777.367	50 125
32647	1480827.492	50.192
32648	1480877 683	45.958
32649	1480923.642	49.942
32650	1480973.583	41.667
32651	1481015.250	49.033
32652	1481064 283	48.800
32653	1481113.083	47.942
32654	1481161.025	45.642

Weld	Distance (ft.)	Joint Length (ft.)
32655	1481206.667	44.000
32656	1481250.667	49.367
32657	1481300.033	51.042
32658	1481351.075	45.925
32659	1481397 000	48.392
32660	1481445.392	45.658
32661	1481491.050	45.708
32662	1481536.758	45.642
32663	1481582.400	45.033
32664	1481627.433	50.008
32665	1481677.442	44.800
32666	1481722.242	44.683
32667	1481766.925	50.742
32668	1481817.667	51.133
32669	1481868 800	43.092
32670	1481911.892	45.817
32671	1481957.708	45.208
32672	1482002 917	45.842
32673	1482048.758	45.142
32674	1482093.900	47.758
32675	1482141.658	49 342
32676	1482191.000	46.083
32677	1482237.083	36.675
32678	1482273.758	28.142
32679	1482301.900	49.100
32680	1482351.000	51.242
32681	1482402.242	51.758
32682	1482454.000	49.258
32683	1482503.258	50 733
32684	1482553.992	51.600
32685	1482605.592	50.592
32686	1482656.183	50.250
32687	1482706 433	50.175
32688	1482756.608	49.750
32689	1482806 358	7 250
32690	1482813.608	47.933
32691	1482861.542	47.050
32692	1482908.592	46.133
32693	1482954.725	45 633
32694	1483000.358	45.250
32695	1483045.608	45.367
32696	1483090.975	45.808
32697	1483136.783	47.525
32698	1483184 308	49.275
32699	1483233.583	49.842
32700	1483283.425	45 242
32701	1483328.667	50.867
32702	1483379.533	41.358
32703	1483420.892	50 300
32704	1483471.192	50.850
32705	1483522.042	45.167
32706	1483567.208	47.092
32707	1483614.300	49.683
32708	1483663.983	49.250
32709	1483713.233	50 100
32710	1483763.333	48 583
32711	1483811.917	47.617
32712	1483859 533	45.633

Weld	Distance (ft.)	Joint Length (ft.)
32713	1483905.167	46.242
32714	1483951.408	50.133
32715	1484001.542	47.308
32716	1484048 850	43.575
32717	1484092.425	50.892
32718	1484143.317	43.875
32719	1484187.192	47.242
32720	1484234.433	45.258
32721	1484279.692	49.700
32722	1484329.392	46.367
32723	1484375.758	46.192
32724	1484421.950	49.558
32725	1484471.508	50.475
32726	1484521.983	40.658
32727	1484562.642	43.167
32728	1484605.808	43.508
32729	1484649.317	51.183
32730	1484700.500	45 233
32731	1484745.733	41.008
32732	1484786.742	42.633
32733	1484829.375	46.375
32734	1484875 750	44.200
32735	1484919.950	46.583
32736	1484966.533	44.200
32737	1485010.733	50.600
32738	1485061.333	46.892
32739	1485108.225	47.600
32740	1485155.825	49.658
32741	1485205.483	51.525
32742	1485257.008	47.333
32743	1485304.342	47.667
32744	1485352.008	47.525
32745	1485399 533	48.425
32746	1485447.958	49.500
32747	1485497.458	51 400
32748	1485548.858	45.400
32749	1485594.258	46.592
32750	1485640 850	49.317
32751	1485690.167	48.708
32752	1485738.875	50 733
32753	1485789.608	46.233
32754	1485835.842	50.125
32755	1485885.967	47.242
32756	1485933.208	46.858
32757	1485980.067	49.208
32758	1486029.275	46.308
32759	1486075.583	44.742
32760	1486120.325	47.567
32761	1486167.892	48.367
32762	1486216.258	48.550
32763	1486264.808	43.958
32764	1486308 767	51.725
32765	1486360 492	49.808
32766	1486410.300	46.508
32767	1486456.808	50.233
32768	1486507 042	47.542
32769	1486554 583	46.067
32770	1486600.650	47.683

Weld	Distance (ft.)	Joint Length (ft.)
32771	1486648.333	49.058
32772	1486697.392	49.158
32773	1486746.550	46.475
32774	1486793.025	50.275
32775	1486843.300	49.075
32776	1486892.375	48.792
32777	1486941 167	48.508
32778	1486989.675	45.083
32779	1487034.758	50.042
32780	1487084.800	42.342
32781	1487127.142	49.458
32782	1487176.600	49.175
32783	1487225.775	48.558
32784	1487274.333	27 167
32785	1487301 500	48.225
32786	1487349.725	44.225
32787	1487393.950	45.842
32788	1487439.792	49.158
32789	1487488.950	48.942
32790	1487537.892	45 750
32791	1487583.642	46.300
32792	1487629.942	47.525
32793	1487677.467	45.442
32794	1487722.908	46.892
32795	1487769.800	35.200
32796	1487805.000	49.592
32797	1487854.592	45 233
32798	1487899.825	44.650
32799	1487944.475	52.142
32800	1487996.617	50.533
32801	1488047.150	44.408
32802	1488091.558	48.967
32803	1488140.525	45.758
32804	1488186.283	46.492
32805	1488232.775	41.108
32806	1488273.883	47.075
32807	1488320.958	49.742
32808	1488370.700	51.425
32809	1488422.125	50.325
32810	1488472.450	46.533
32811	1488518.983	50 458
32812	1488569.442	50 608
32813	1488620.050	45.200
32814	1488665.250	43.325
32815	1488708.575	47.533
32816	1488756.108	50 717
32817	1488806.825	51.033
32818	1488857.858	45.358
32819	1488903.217	45 517
32820	1488948.733	47.258
32821	1488995.992	43.500
32822	1489039.492	42.792
32823	1489082.283	43.350
32824	1489125.633	47.442
32825	1489173.075	50.325
32826	1489223.400	47.167
32827	1489270 567	45.708
32828	1489316 275	40 825

Weld	Distance (ft.)	Joint Length (ft.)
32829	1489357.100	46 825
32830	1489403.925	41.908
32831	1489445.833	49.617
32832	1489495.450	48.792
32833	1489544.242	45.550
32834	1489589.792	50.867
32835	1489640.658	50.733
32836	1489691.392	45 050
32837	1489736 442	45.675
32838	1489782.117	49.058
32839	1489831.175	46.225
32840	1489877.400	46.633
32841	1489924.033	48.675
32842	1489972.708	46.600
32843	1490019.308	45 925
32844	1490065 233	47.367
32845	1490112.600	46.742
32846	1490159.342	46.133
32847	1490205.475	43.692
32848	1490249.167	46.892
32849	1490296 058	49.033
32850	1490345.092	44.958
32851	1490390.050	48.450
32852	1490438.500	48.092
32853	1490486.592	41.725
32854	1490528.317	44 425
32855	1490572.742	45 008
32856	1490617.750	45.308
32857	1490663.058	46.758
32858	1490709.817	45.792
32859	1490755.608	46.683
32860	1490802.292	43 583
32861	1490845.875	49.433
32862	1490895.308	47.608
32863	1490942.917	46.133
32864	1490989.050	47.758
32865	1491036.808	39.375
32866	1491076.183	48.025
32867	1491124.208	47.008
32868	1491171.217	47.525
32869	1491218.742	46.800
32870	1491265.542	45.583
32871	1491311.125	48.592
32872	1491359.717	46.408
32873	1491406.125	50.192
32874	1491456.317	45.283
32875	1491501.600	47.725
32876	1491549.325	44.558
32877	1491593.883	50.000
32878	1491643.883	50.025
32879	1491693.908	47.433
32880	1491741 342	45.108
32881	1491786.450	45.867
32882	1491832.317	44.175
32883	1491876.492	45 100
32884	1491921.592	49.108
32885	1491970.700	45.300
32886	1492016.000	43.808

Weld	Distance (ft.)	Joint Length (ft.)
32887	1492059.808	44.608
32888	1492104.417	49.692
32889	1492154.108	47.817
32890	1492201.925	47 233
32891	1492249.158	46.775
32892	1492295.933	46.992
32893	1492342.925	45.525
32894	1492388.450	48.842
32895	1492437.292	46.700
32896	1492483.992	45 650
32897	1492529.642	45.100
32898	1492574.742	47.325
32899	1492622 067	46.608
32900	1492668.675	45.758
32901	1492714.433	48.058
32902	1492762.492	48 350
32903	1492810.842	46.833
32904	1492857.675	46.683
32905	1492904.358	44.083
32906	1492948.442	47.958
32907	1492996.400	50.525
32908	1493046.925	42.458
32909	1493089.383	44.208
32910	1493133.592	42 858
32911	1493176 450	45 108
32912	1493221 558	45.317
32913	1493266.875	44.208
32914	1493311.083	47.917
32915	1493359.000	46.650
32916	1493405.650	45.983
32917	1493451.633	46.858
32918	1493498.492	44 383
32919	1493542.875	42.750
32920	1493585.625	46.925
32921	1493632.550	47.058
32922	1493679.608	48.767
32923	1493728.375	47.275
32924	1493775.650	49.492
32925	1493825.142	47.583
32926	1493872.725	45 583
32927	1493918 308	45.200
32928	1493963.508	45.842
32929	1494009.350	48.392
32930	1494057 742	48.042
32931	1494105.783	46.708
32932	1494152.492	48.592
32933	1494201 083	46 200
32934	1494247.283	37.342
32935	1494284.625	45.267
32936	1494329 892	40.825
32937	1494370.717	45.900
32938	1494416.617	45.108
32939	1494461.725	48.708
32940	1494510 433	45 950
32941	1494556 383	47 775
32942	1494604.158	45.792
32943	1494649.950	48.342
32944	1494698 292	45.883

Weld	Distance (ft.)	Joint Length (ft.)
32945	1494744.175	47.067
32946	1494791.242	45.183
32947	1494836 425	46.458
32948	1494882.883	45.150
32949	1494928.033	45.917
32950	1494973.950	49 317
32951	1495023.267	48.933
32952	1495072.200	48.508
32953	1495120 708	46.950
32954	1495167.658	45.700
32955	1495213.358	43.933
32956	1495257.292	46.733
32957	1495304.025	45.875
32958	1495349.900	47.308
32959	1495397.208	45.575
32960	1495442.783	44.842
32961	1495487.625	46.125
32962	1495533.750	44.858
32963	1495578.608	48.983
32964	1495627.592	46.208
32965	1495673.800	44.608
32966	1495718.408	45.275
32967	1495763.683	49.167
32968	1495812 850	45.450
32969	1495858 300	45 633
32970	1495903.933	45 283
32971	1495949.217	50.025
32972	1495999.242	45.750
32973	1496044.992	45.050
32974	1496090.042	47.500
32975	1496137.542	48.183
32976	1496185.725	46.992
32977	1496232.717	45.225
32978	1496277.942	46 250
32979	1496324.192	46.025
32980	1496370.217	46.100
32981	1496416.317	47.767
32982	1496464.083	44.508
32983	1496508.592	46.208
32984	1496554 800	50.542
32985	1496605.342	45.542
32986	1496650.883	45.950
32987	1496696.833	45.900
32988	1496742.733	45.808
32989	1496788.542	46 242
32990	1496834.783	47.467
32991	1496882.250	45.700
32992	1496927.950	41.292
32993	1496969.242	44.267
32994	1497013.508	45.900
32995	1497059.408	48.975
32996	1497108.383	45.167
32997	1497153.550	45.975
32998	1497199.525	48.217
32999	1497247.742	44.542
33000	1497292.283	49 817
33001	1497342.100	47.633
33002	1497389.733	49.942

Weld	Distance (ft.)	Joint Length (ft.)
33003	1497439.675	46.067
33004	1497485.742	46.725
33005	1497532.467	45.225
33006	1497577.692	46.658
33007	1497624.350	44.650
33008	1497669.000	43.242
33009	1497712.242	45.675
33010	1497757.917	46 617
33011	1497804.533	45 333
33012	1497849.867	45.742
33013	1497895.608	46.450
33014	1497942.058	46.733
33015	1497988 792	49.817
33016	1498038 608	44.283
33017	1498082.892	51.092
33018	1498133.983	47.575
33019	1498181.558	46.817
33020	1498228 375	45.300
33021	1498273.675	45.508
33022	1498319.183	45.017
33023	1498364.200	51.267
33024	1498415 467	49.758
33025	1498465.225	43.158
33026	1498508.383	47.792
33027	1498556.175	47.475
33028	1498603.650	50.500
33029	1498654.150	48.308
33030	1498702.458	47 458
33031	1498749.917	45.267
33032	1498795.183	46.350
33033	1498841.533	48.883
33034	1498890.417	46.125
33035	1498936.542	51.617
33036	1498988.158	43.442
33037	1499031 600	45.275
33038	1499076.875	44.917
33039	1499121.792	35.208
33040	1499157.000	45.900
33041	1499202.900	44.708
33042	1499247.608	45.617
33043	1499293.225	45.675
33044	1499338.900	45.125
33045	1499384.025	48.900
33046	1499432.925	34.150
33047	1499467 075	45.167
33048	1499512.242	45.283
33049	1499557.525	45 733
33050	1499603.258	45.492
33051	1499648.750	47.825
33052	1499696.575	47.408
33053	1499743 983	46.933
33054	1499790.917	46.425
33055	1499837.342	42.783
33056	1499880.125	46.225
33057	1499926.350	45.467
33058	1499971.817	45.150
33059	1500016.967	41.200
33060	1500058 167	47.150

Weld	Distance (ft.)	Joint Length (ft.)
33061	1500105.317	46 725
33062	1500152.042	45.750
33063	1500197.792	46.508
33064	1500244.300	45.533
33065	1500289.833	46.050
33066	1500335.883	46.567
33067	1500382.450	48.875
33068	1500431.325	45.400
33069	1500476.725	45.833
33070	1500522.558	44.925
33071	1500567 483	45.750
33072	1500613.233	45.850
33073	1500659.083	45.725
33074	1500704.808	38 700
33075	1500743.508	45.083
33076	1500788.592	47.000
33077	1500835 592	45.500
33078	1500881 092	47.192
33079	1500928 283	44.925
33080	1500973.208	50.833
33081	1501024.042	46.025
33082	1501070.067	46.433
33083	1501116.500	47.242
33084	1501163.742	45.383
33085	1501209.125	46.625
33086	1501255.750	50.842
33087	1501306.592	46.475
33088	1501353 067	45.333
33089	1501398 400	44.442
33090	1501442.842	44.958
33091	1501487.800	47.633
33092	1501535.433	45.883
33093	1501581 317	44.017
33094	1501625 333	46.175
33095	1501671.508	46 758
33096	1501718.267	45 258
33097	1501763.525	48.425
33098	1501811.950	47.200
33099	1501859.150	46.725
33100	1501905.875	46.275
33101	1501952.150	45.533
33102	1501997.683	46.475
33103	1502044.158	43.708
33104	1502087.867	44.517
33105	1502132.383	49 117
33106	1502181.500	45.600
33107	1502227 100	47.233
33108	1502274.333	38.917
33109	1502313.250	46.592
33110	1502359.842	50.108
33111	1502409.950	46.333
33112	1502456.283	46.383
33113	1502502.667	51 700
33114	1502554.367	45 408
33115	1502599 775	45.083
33116	1502644.858	47.492
33117	1502692.350	50.817
33118	1502743.167	46.133

Weld	Distance (ft.)	Joint Length (ft.)
33119	1502789.300	44.208
33120	1502833.508	49.867
33121	1502883 375	47 308
33122	1502930.683	51.325
33123	1502982.008	49.500
33124	1503031.508	50.767
33125	1503082.275	51.350
33126	1503133.625	42.200
33127	1503175.825	45.942
33128	1503221.767	42 575
33129	1503264.342	45 600
33130	1503309.942	46.008
33131	1503355.950	47.117
33132	1503403.067	45.058
33133	1503448 125	45.367
33134	1503493.492	50.083
33135	1503543.575	41.600
33136	1503585.175	44.967
33137	1503630.142	46.325
33138	1503676 467	50.633
33139	1503727 100	47.533
33140	1503774.633	46.058
33141	1503820.692	45.525
33142	1503866.217	45.125
33143	1503911.342	50.492
33144	1503961.833	45.783
33145	1504007.617	46.242
33146	1504053.858	44.233
33147	1504098.092	42.383
33148	1504140.475	45.792
33149	1504186.267	47.275
33150	1504233.542	51.383
33151	1504284.925	46.433
33152	1504331.358	50.200
33153	1504381 558	47.808
33154	1504429 367	46.350
33155	1504475.717	44.850
33156	1504520.567	46.875
33157	1504567.442	42 400
33158	1504609.842	46.117
33159	1504655.958	44.667
33160	1504700.625	46.483
33161	1504747.108	45.342
33162	1504792.450	46.792
33163	1504839.242	45.417
33164	1504884.658	45.325
33165	1504929.983	45.692
33166	1504975 675	47.483
33167	1505023.158	45.775
33168	1505068.933	45.783
33169	1505114.717	43.117
33170	1505157.833	47.400
33171	1505205.233	45 825
33172	1505251.058	44.692
33173	1505295.750	51.333
33174	1505347.083	46.508
33175	1505393.592	45.550
33176	1505439.142	42.675

Weld	Distance (ft.)	Joint Length (ft.)
33177	1505481.817	52.250
33178	1505534.067	44.483
33179	1505578.550	40.583
33180	1505619.133	46.425
33181	1505665.558	46.217
33182	1505711 775	45.625
33183	1505757.400	45.217
33184	1505802.617	45.450
33185	1505848.067	44.325
33186	1505892.392	46.550
33187	1505938.942	46.900
33188	1505985 842	44.800
33189	1506030.642	46.850
33190	1506077.492	44.633
33191	1506122.125	46.917
33192	1506169.042	45.842
33193	1506214.883	46.175
33194	1506261.058	25.725
33195	1506286.783	44.650
33196	1506331.433	18.742
33197	1506350.175	43.442
33198	1506393.617	49.692
33199	1506443.308	45.650
33200	1506488.958	44.883
33201	1506533.842	45.733
33202	1506579.575	49.417
33203	1506628.992	47.383
33204	1506676.375	35.042
33205	1506711.417	45 783
33206	1506757.200	46.008
33207	1506803.208	45.500
33208	1506848.708	48.217
33209	1506896.925	45.542
33210	1506942.467	45.500
33211	1506987.967	46.483
33212	1507034.450	43.183
33213	1507077.633	46 383
33214	1507124.017	45.300
33215	1507169.317	36.683
33216	1507206.000	46.708
33217	1507252.708	45.233
33218	1507297.942	46 142
33219	1507344.083	46.033
33220	1507390.117	48.700
33221	1507438.817	44.925
33222	1507483 742	41 708
33223	1507525.450	45.492
33224	1507570.942	46.142
33225	1507617.083	43.308
33226	1507660.392	42.992
33227	1507703.383	44.758
33228	1507748.142	40.567
33229	1507788.708	46.458
33230	1507835 167	44.325
33231	1507879.492	42.567
33232	1507922.058	45.183
33233	1507967.242	43.983
33234	1508011.225	46 267

Weld	Distance (ft.)	Joint Length (ft.)
33235	1508057.492	45.558
33236	1508103 050	45.850
33237	1508148.900	46.358
33238	1508195.258	40.525
33239	1508235.783	44.858
33240	1508280 642	46 258
33241	1508326.900	46.167
33242	1508373.067	37.358
33243	1508410.425	44.650
33244	1508455.075	45.975
33245	1508501.050	47.325
33246	1508548.375	45.775
33247	1508594.150	45.667
33248	1508639.817	44.892
33249	1508684.708	45.575
33250	1508730 283	46 983
33251	1508777.267	46.725
33252	1508823.992	45.967
33253	1508869.958	46.492
33254	1508916 450	44.592
33255	1508961.042	35.408
33256	1508996.450	44.350
33257	1509040.800	45.475
33258	1509086.275	44.167
33259	1509130.442	44.867
33260	1509175.308	47.458
33261	1509222 767	44 767
33262	1509267.533	51 292
33263	1509318.825	46.633
33264	1509365.458	46.342
33265	1509411.800	48.508
33266	1509460.308	44.758
33267	1509505.067	45.917
33268	1509550.983	51.025
33269	1509602.008	45.758
33270	1509647.767	45.842
33271	1509693.608	44.958
33272	1509738.567	45.617
33273	1509784.183	52.167
33274	1509836 350	44.850
33275	1509881.200	45.550
33276	1509926.750	46.133
33277	1509972.883	47.158
33278	1510020.042	45 092
33279	1510065.133	47.617
33280	1510112.750	46.792
33281	1510159 542	44.333
33282	1510203.875	41.550
33283	1510245.425	46.058
33284	1510291.483	44 675
33285	1510336.158	45.858
33286	1510382.017	44.625
33287	1510426.642	49 125
33288	1510475.767	45.775
33289	1510521.542	45.117
33290	1510566.658	46.050
33291	1510612.708	44.992
33292	1510657.700	46.417

Weld	Distance (ft.)	Joint Length (ft.)
33293	1510704.117	40.517
33294	1510744.633	39.367
33295	1510784.000	46.167
33296	1510830 167	46 125
33297	1510876.292	46.092
33298	1510922.383	45.783
33299	1510968.167	46.633
33300	1511014.800	46 108
33301	1511060 908	46 692
33302	1511107.600	45.742
33303	1511153.342	51.717
33304	1511205.058	47.967
33305	1511253 025	48 175
33306	1511301.200	45 700
33307	1511346.900	45.050
33308	1511391.950	45.725
33309	1511437 675	45.183
33310	1511482.858	46.517
33311	1511529.375	47.792
33312	1511577.167	49.700
33313	1511626 867	45.758
33314	1511672.625	46.467
33315	1511719.092	47.892
33316	1511766.983	39.525
33317	1511806 508	46.458
33318	1511852.967	46.167
33319	1511899.133	44.858
33320	1511943.992	48.692
33321	1511992.683	45 792
33322	1512038.475	45.408
33323	1512083.883	45.225
33324	1512129.108	46.708
33325	1512175 817	47 017
33326	1512222.833	47.183
33327	1512270.017	46.975
33328	1512316 992	42.492
33329	1512359.483	47.833
33330	1512407.317	46.725
33331	1512454.042	45.692
33332	1512499 733	39 792
33333	1512539.525	41.958
33334	1512581.483	46.292
33335	1512627 775	45.600
33336	1512673.375	44 917
33337	1512718.292	46.633
33338	1512764.925	47.167
33339	1512812.092	46.567
33340	1512858.658	46.800
33341	1512905.458	46.633
33342	1512952.092	47 142
33343	1512999.233	49.458
33344	1513048 692	41.775
33345	1513090 467	44.850
33346	1513135.317	50.617
33347	1513185.933	44.725
33348	1513230.658	45.533
33349	1513276.192	45.867
33350	1513322.058	37.425

Weld	Distance (ft.)	Joint Length (ft.)
33351	1513359.483	44.892
33352	1513404.375	46 558
33353	1513450.933	43.667
33354	1513494.600	44.100
33355	1513538 700	46.800
33356	1513585.500	46.642
33357	1513632.142	45.150
33358	1513677.292	44.658
33359	1513721.950	45.350
33360	1513767.300	42.758
33361	1513810.058	40.975
33362	1513851.033	44 783
33363	1513895.817	46.975
33364	1513942.792	49.233
33365	1513992.025	45.725
33366	1514037.750	46.917
33367	1514084.667	45 692
33368	1514130.358	44.558
33369	1514174.917	44.983
33370	1514219.900	45.617
33371	1514265.517	45 600
33372	1514311.117	41.675
33373	1514352.792	44.958
33374	1514397.750	45.342
33375	1514443.092	51 675
33376	1514494.767	43.608
33377	1514538.375	44.042
33378	1514582.417	44.975
33379	1514627.392	41.383
33380	1514668.775	47.083
33381	1514715.858	44.992
33382	1514760 850	45.008
33383	1514805.858	45 858
33384	1514851.717	45.175
33385	1514896.892	45.867
33386	1514942.758	46.742
33387	1514989.500	47.833
33388	1515037.333	46.408
33389	1515083.742	44.667
33390	1515128.408	50 792
33391	1515179.200	44.342
33392	1515223 542	44.250
33393	1515267 792	45.233
33394	1515313.025	46 133
33395	1515359.158	46.233
33396	1515405 392	40.058
33397	1515445.450	44.667
33398	1515490.117	49.700
33399	1515539 817	49.750
33400	1515589 567	44.433
33401	1515634.000	45.408
33402	1515679.408	46.317
33403	1515725.725	45.158
33404	1515770 883	45 108
33405	1515815 992	43.192
33406	1515859.183	47.600
33407	1515906 783	41.458
33408	1515948.242	41 500

Weld	Distance (ft.)	Joint Length (ft.)
33409	1515989.742	46.450
33410	1516036.192	44.683
33411	1516080.875	45 383
33412	1516126.258	49.058
33413	1516175.317	45.308
33414	1516220.625	45.717
33415	1516266.342	47.242
33416	1516313.583	51.425
33417	1516365.008	45 075
33418	1516410.083	45 867
33419	1516455 950	48.925
33420	1516504.875	46.483
33421	1516551.358	47.442
33422	1516598 800	45.667
33423	1516644 467	44.542
33424	1516689.008	40 092
33425	1516729.100	49.425
33426	1516778.525	46.150
33427	1516824.675	35.267
33428	1516859.942	45.233
33429	1516905.175	48 775
33430	1516953 950	46.200
33431	1517000.150	45.642
33432	1517045.792	44.708
33433	1517090.500	43.433
33434	1517133.933	45.458
33435	1517179.392	44 833
33436	1517224.225	47.158
33437	1517271.383	46.783
33438	1517318.167	44.667
33439	1517362 833	46.183
33440	1517409.017	47 567
33441	1517456.583	45.383
33442	1517501.967	41.408
33443	1517543.375	47.058
33444	1517590.433	45.175
33445	1517635 608	45.350
33446	1517680.958	46.400
33447	1517727.358	43.758
33448	1517771.117	46.142
33449	1517817.258	45 983
33450	1517863.242	50 558
33451	1517913.800	51.525
33452	1517965.325	50.192
33453	1518015 517	45.233
33454	1518060.750	47.300
33455	1518108.050	46 217
33456	1518154.267	45.292
33457	1518199 558	49.742
33458	1518249.300	50.883
33459	1518300.183	46 433
33460	1518346.617	45.275
33461	1518391.892	46.867
33462	1518438.758	46.433
33463	1518485.192	49.450
33464	1518534.642	42.142
33465	1518576 783	51.958
33466	1518628.742	39 800

Weld	Distance (ft.)	Joint Length (ft.)
33467	1518668.542	42.192
33468	1518710.733	43.592
33469	1518754.325	42.417
33470	1518796.742	51.942
33471	1518848.683	46 067
33472	1518894 750	48.100
33473	1518942.850	43.575
33474	1518986.425	49.425
33475	1519035.850	45.683
33476	1519081.533	49.075
33477	1519130.608	47.883
33478	1519178.492	46.333
33479	1519224.825	46.383
33480	1519271.208	45.133
33481	1519316.342	44.208
33482	1519360.550	46.550
33483	1519407 100	50.108
33484	1519457.208	45.308
33485	1519502.517	49.558
33486	1519552.075	49.742
33487	1519601.817	49.025
33488	1519650.842	49.533
33489	1519700.375	49.558
33490	1519749 933	48.533
33491	1519798.467	48.033
33492	1519846.500	46.992
33493	1519893.492	49.158
33494	1519942.650	49 925
33495	1519992.575	46.508
33496	1520039.083	48.667
33497	1520087.750	49.192
33498	1520136.942	48.242
33499	1520185.183	45 850
33500	1520231.033	47.375
33501	1520278.408	46.400
33502	1520324.808	50.450
33503	1520375.258	11 367
33504	1520386.625	26 325
33505	1520412.950	26.267
33506	1520439.217	39.692
33507	1520478 908	38.625
33508	1520517 533	39.758
33509	1520557.292	36.217
33510	1520593.508	29.417
33511	1520622.925	9.600
33512	1520632.525	39 642
33513	1520672.167	39.650
33514	1520711.817	32.625
33515	1520744.442	33.325
33516	1520777.767	39 825
33517	1520817.592	39 642
33518	1520857.233	39.708
33519	1520896.942	35.200
33520	1520932.142	14.300
33521	1520946.442	43.267
33522	1520989.708	49.575
33523	1521039 283	49.400
33524	1521088.683	49.025

Weld	Distance (ft.)	Joint Length (ft.)
33525	1521137.708	49.700
33526	1521187.408	48.683
33527	1521236.092	50.633
33528	1521286.725	48.942
33529	1521335.667	47.925
33530	1521383.592	47.867
33531	1521431.458	48.325
33532	1521479.783	49.208
33533	1521528.992	49.208
33534	1521578.200	46 892
33535	1521625.092	47.967
33536	1521673.058	48.200
33537	1521721 258	47.925
33538	1521769.183	49.383
33539	1521818.567	45 800
33540	1521864.367	45.958
33541	1521910.325	48.892
33542	1521959.217	45.117
33543	1522004.333	48.192
33544	1522052.525	48.917
33545	1522101.442	48.442
33546	1522149.883	48.717
33547	1522198.600	47.575
33548	1522246.175	47.850
33549	1522294.025	49.567
33550	1522343.592	46.750
33551	1522390.342	47.733
33552	1522438.075	48.733
33553	1522486.808	47.858
33554	1522534.667	48.792
33555	1522583.458	48 117
33556	1522631.575	48.542
33557	1522680.117	49.300
33558	1522729 417	48.583
33559	1522778.000	48.317
33560	1522826.317	46.417
33561	1522872.733	49.400
33562	1522922.133	47.625
33563	1522969.758	46.775
33564	1523016.533	48 017
33565	1523064.550	49.992
33566	1523114.542	47.517
33567	1523162 058	47.283
33568	1523209.342	46.750
33569	1523256.092	46.475
33570	1523302.567	48.392
33571	1523350.958	47.883
33572	1523398.842	47 525
33573	1523446.367	48.258
33574	1523494.625	46.683
33575	1523541.308	49.042
33576	1523590.350	50.233
33577	1523640.583	49.708
33578	1523690.292	44.417
33579	1523734.708	49.058
33580	1523783.767	47 858
33581	1523831.625	48.650
33582	1523880.275	42.450

Weld	Distance (ft.)	Joint Length (ft.)
33583	1523922.725	47.592
33584	1523970.317	51 508
33585	1524021.825	50.358
33586	1524072.183	50.533
33587	1524122 717	48.267
33588	1524170.983	49.217
33589	1524220.200	50.725
33590	1524270.925	51 525
33591	1524322.450	47.008
33592	1524369 458	49.192
33593	1524418 650	49.675
33594	1524468.325	48.600
33595	1524516.925	49.817
33596	1524566.742	49.417
33597	1524616.158	50.975
33598	1524667 133	46.733
33599	1524713.867	46.608
33600	1524760.475	48 325
33601	1524808.800	50.242
33602	1524859.042	48.733
33603	1524907 775	50.858
33604	1524958.633	47 717
33605	1525006.350	46.133
33606	1525052.483	50.683
33607	1525103.167	48.083
33608	1525151.250	48.833
33609	1525200 083	46.800
33610	1525246.883	48.092
33611	1525294.975	46.825
33612	1525341.800	48.050
33613	1525389 850	49.258
33614	1525439.108	48.367
33615	1525487.475	46.883
33616	1525534.358	48.583
33617	1525582 942	47.592
33618	1525630.533	49.208
33619	1525679.742	48.925
33620	1525728 667	49.908
33621	1525778.575	48.108
33622	1525826.683	50.350
33623	1525877.033	43.275
33624	1525920.308	48.408
33625	1525968.717	48.967
33626	1526017 683	48.558
33627	1526066.242	49.550
33628	1526115.792	50.233
33629	1526166.025	44.542
33630	1526210 567	49.092
33631	1526259.658	49.875
33632	1526309.533	49 000
33633	1526358.533	51.783
33634	1526410.317	47.183
33635	1526457.500	49 067
33636	1526506.567	48.783
33637	1526555.350	47.350
33638	1526602.700	49.417
33639	1526652 117	48.858
33640	1526700.975	48.417

Weld	Distance (ft.)	Joint Length (ft.)
33641	1526749.392	47.958
33642	1526797.350	47.858
33643	1526845.208	48 167
33644	1526893.375	50.625
33645	1526944.000	49.200
33646	1526993.200	49.883
33647	1527043.083	48.300
33648	1527091.383	48.908
33649	1527140 292	52.050
33650	1527192.342	45.992
33651	1527238.333	48.742
33652	1527287.075	45.833
33653	1527332.908	46.183
33654	1527379 092	22 775
33655	1527401.867	48.092
33656	1527449.958	48.567
33657	1527498.525	25.350
33658	1527523 875	3 000
33659	1527526.875	10 675
33660	1527537.550	6 783
33661	1527544.333	10.742
33662	1527555 075	4.592
33663	1527559.667	10.842
33664	1527570.508	9.192
33665	1527579.700	10.600
33666	1527590.300	2.875
33667	1527593.175	4.758
33668	1527597.933	48.100
33669	1527646.033	46.008
33670	1527692 042	51 017
33671	1527743.058	47.158
33672	1527790.217	51.000
33673	1527841.217	48.500
33674	1527889.717	46.450
33675	1527936.167	51 133
33676	1527987.300	48.575
33677	1528035.875	47.133
33678	1528083.008	47.325
33679	1528130.333	47.617
33680	1528177.950	47.250
33681	1528225 200	47 608
33682	1528272.808	46.967
33683	1528319.775	49.875
33684	1528369.650	46.458
33685	1528416 108	47 983
33686	1528464.092	48.108
33687	1528512.200	47.900
33688	1528560.100	44.975
33689	1528605.075	36.125
33690	1528641.200	49.267
33691	1528690 467	48 592
33692	1528739.058	48.775
33693	1528787.833	48.217
33694	1528836.050	47.875
33695	1528883.925	45.742
33696	1528929.667	50.200
33697	1528979.867	47.175
33698	1529027.042	47.617

Weld	Distance (ft.)	Joint Length (ft.)
33699	1529074 658	48.925
33700	1529123.583	44.517
33701	1529168 100	46.433
33702	1529214.533	48.225
33703	1529262.758	49.133
33704	1529311.892	49.333
33705	1529361.225	45.867
33706	1529407.092	43.425
33707	1529450.517	35 958
33708	1529486.475	49.175
33709	1529535.650	48 833
33710	1529584.483	48.642
33711	1529633.125	49.050
33712	1529682.175	50.308
33713	1529732.483	46.517
33714	1529779.000	46.992
33715	1529825.992	47.250
33716	1529873.242	49.117
33717	1529922.358	50.600
33718	1529972 958	46.583
33719	1530019.542	49.408
33720	1530068.950	46.950
33721	1530115.900	49.725
33722	1530165.625	48.992
33723	1530214.617	46.850
33724	1530261.467	49.717
33725	1530311 183	46.600
33726	1530357.783	50 683
33727	1530408.467	48.150
33728	1530456.617	48.992
33729	1530505 608	48.217
33730	1530553.825	48 458
33731	1530602.283	47.175
33732	1530649.458	47.000
33733	1530696.458	47.417
33734	1530743.875	48.233
33735	1530792.108	47.367
33736	1530839.475	46.142
33737	1530885.617	49.142
33738	1530934.758	49.183
33739	1530983.942	49.025
33740	1531032 967	48.492
33741	1531081.458	49.933
33742	1531131.392	49.692
33743	1531181 083	45.058
33744	1531226 142	49 650
33745	1531275.792	47.692
33746	1531323.483	49.208
33747	1531372.692	50.425
33748	1531423.117	51.483
33749	1531474.600	50.408
33750	1531525.008	47.217
33751	1531572 225	48 808
33752	1531621.033	49.258
33753	1531670.292	46.883
33754	1531717.175	49.717
33755	1531766 892	48.692
33756	1531815.583	48.092

Weld	Distance (ft.)	Joint Length (ft.)
33757	1531863.675	49.267
33758	1531912.942	47.692
33759	1531960.633	48.700
33760	1532009.333	50.150
33761	1532059.483	49.042
33762	1532108.525	48.692
33763	1532157.217	49.825
33764	1532207.042	49.167
33765	1532256.208	48.292
33766	1532304 500	50.958
33767	1532355.458	48.517
33768	1532403.975	50.333
33769	1532454.308	48.008
33770	1532502.317	44.708
33771	1532547.025	47.725
33772	1532594.750	47.108
33773	1532641.858	51.083
33774	1532692.942	49.375
33775	1532742.317	47.608
33776	1532789.925	47.975
33777	1532837.900	49 475
33778	1532887.375	48.900
33779	1532936.275	48.650
33780	1532984.925	49.292
33781	1533034 217	47.500
33782	1533081.717	48 283
33783	1533130.000	48.892
33784	1533178.892	48.717
33785	1533227.608	50 658
33786	1533278 267	48.167
33787	1533326.433	49.683
33788	1533376.117	46.892
33789	1533423.008	48 042
33790	1533471.050	46.492
33791	1533517.542	49.467
33792	1533567.008	48.758
33793	1533615.767	49.475
33794	1533665 242	48.542
33795	1533713.783	49.500
33796	1533763.283	47.333
33797	1533810.617	48 542
33798	1533859.158	48 983
33799	1533908.142	45.158
33800	1533953.300	34.642
33801	1533987.942	47 292
33802	1534035 233	48.883
33803	1534084.117	49.258
33804	1534133.375	47.992
33805	1534181.367	49 025
33806	1534230.392	48.908
33807	1534279.300	47.708
33808	1534327.008	47.775
33809	1534374 783	48.275
33810	1534423.058	48.758
33811	1534471.817	40.108
33812	1534511.925	44.000
33813	1534555.925	48.467
33814	1534604.392	47.725

Weld	Distance (ft.)	Joint Length (ft.)
33815	1534652.117	48.075
33816	1534700.192	48.650
33817	1534748.842	48.833
33818	1534797.675	45.342
33819	1534843.017	48.925
33820	1534891 942	48.133
33821	1534940.075	50.025
33822	1534990.100	50.392
33823	1535040.492	50 675
33824	1535091.167	49.308
33825	1535140 475	49.033
33826	1535189.508	39.858
33827	1535229.367	46 808
33828	1535276.175	49.658
33829	1535325.833	47.575
33830	1535373.408	48.875
33831	1535422.283	49.542
33832	1535471.825	49 933
33833	1535521.758	50.283
33834	1535572.042	49.333
33835	1535621.375	49.900
33836	1535671.275	48.183
33837	1535719.458	49.058
33838	1535768.517	49.133
33839	1535817 650	48.925
33840	1535866.575	48.150
33841	1535914.725	47.783
33842	1535962.508	49.133
33843	1536011 642	50.242
33844	1536061.883	49.350
33845	1536111.233	49.142
33846	1536160.375	50 150
33847	1536210.525	48.708
33848	1536259.233	49.600
33849	1536308.833	48.958
33850	1536357.792	47.367
33851	1536405.158	48.075
33852	1536453.233	48.258
33853	1536501.492	48.433
33854	1536549.925	49.933
33855	1536599.858	43.442
33856	1536643.300	48.875
33857	1536692.175	50.825
33858	1536743.000	48.583
33859	1536791.583	49.958
33860	1536841 542	50.108
33861	1536891.650	49.283
33862	1536940.933	49.742
33863	1536990 675	50.033
33864	1537040.708	51.683
33865	1537092.392	49.317
33866	1537141.708	52 042
33867	1537193 750	51.567
33868	1537245.317	49.792
33869	1537295.108	52.525
33870	1537347 633	48.850
33871	1537396.483	50.342
33872	1537446.825	49.583

Weld	Distance (ft.)	Joint Length (ft.)
33873	1537496.408	51.192
33874	1537547.600	49 258
33875	1537596.858	50.850
33876	1537647.708	49.575
33877	1537697.283	49.433
33878	1537746.717	48.592
33879	1537795.308	50.958
33880	1537846.267	51.592
33881	1537897.858	48.425
33882	1537946.283	48.083
33883	1537994.367	50.408
33884	1538044.775	50.267
33885	1538095 042	50.917
33886	1538145.958	47.792
33887	1538193.750	43.950
33888	1538237.700	49.083
33889	1538286.783	50.325
33890	1538337 108	48.808
33891	1538385.917	47.475
33892	1538433.392	49.250
33893	1538482.642	48.508
33894	1538531.150	48.458
33895	1538579.608	46 667
33896	1538626.275	45 442
33897	1538671.717	48.767
33898	1538720.483	48.000
33899	1538768.483	50.633
33900	1538819.117	47.608
33901	1538866.725	46.000
33902	1538912.725	47.433
33903	1538960 158	48.250
33904	1539008.408	47.050
33905	1539055.458	49.733
33906	1539105.192	42.375
33907	1539147.567	49.783
33908	1539197.350	49.250
33909	1539246.600	50.025
33910	1539296.625	51.308
33911	1539347.933	50.058
33912	1539397.992	50.650
33913	1539448.642	49.258
33914	1539497.900	49.708
33915	1539547 608	47.867
33916	1539595.475	48.900
33917	1539644.375	48.933
33918	1539693.308	45.250
33919	1539738 558	44.550
33920	1539783.108	47.708
33921	1539830.817	50.025
33922	1539880.842	48.242
33923	1539929.083	48.983
33924	1539978.067	50.525
33925	1540028.592	47.217
33926	1540075.808	50.325
33927	1540126.133	50.900
33928	1540177.033	48.067
33929	1540225.100	49.067
33930	1540274.167	50.892

Weld	Distance (ft.)	Joint Length (ft.)
33931	1540325.058	49.300
33932	1540374.358	47.817
33933	1540422.175	49.542
33934	1540471.717	49 975
33935	1540521.692	51.267
33936	1540572.958	47.542
33937	1540620.500	33.042
33938	1540653.542	49.492
33939	1540703.033	47.175
33940	1540750.208	50.192
33941	1540800.400	45.000
33942	1540845.400	47.725
33943	1540893 125	49.392
33944	1540942.517	51.217
33945	1540993.733	42.067
33946	1541035.800	48.600
33947	1541084.400	49.633
33948	1541134.033	51.442
33949	1541185.475	49.325
33950	1541234 800	50.842
33951	1541285.642	49.992
33952	1541335.633	49.908
33953	1541385 542	51.683
33954	1541437.225	47 117
33955	1541484.342	48.650
33956	1541532.992	50.808
33957	1541583.800	51 658
33958	1541635.458	47.850
33959	1541683.308	49.958
33960	1541733.267	49 050
33961	1541782.317	50.808
33962	1541833.125	48.692
33963	1541881 817	47.750
33964	1541929.567	49.550
33965	1541979.117	50.050
33966	1542029.167	38.558
33967	1542067.725	48.275
33968	1542116.000	49.700
33969	1542165.700	50 467
33970	1542216.167	51.217
33971	1542267.383	51.367
33972	1542318.750	49.333
33973	1542368.083	50.217
33974	1542418 300	49.317
33975	1542467.617	43.258
33976	1542510.875	49.750
33977	1542560.625	51.008
33978	1542611.633	51.000
33979	1542662.633	48.867
33980	1542711 500	50.292
33981	1542761.792	49.283
33982	1542811.075	43.200
33983	1542854.275	48.900
33984	1542903.175	50 408
33985	1542953 583	50.983
33986	1543004.567	47.692
33987	1543052.258	47.900
33988	1543100.158	49.117

Weld	Distance (ft.)	Joint Length (ft.)
33989	1543149.275	47.058
33990	1543196.333	48.692
33991	1543245.025	47.683
33992	1543292.708	48 258
33993	1543340.967	48.992
33994	1543389.958	47.967
33995	1543437 925	50.208
33996	1543488.133	47 150
33997	1543535.283	47.550
33998	1543582.833	47.617
33999	1543630.450	50.008
34000	1543680.458	47 983
34001	1543728.442	48.258
34002	1543776.700	50.842
34003	1543827.542	49.233
34004	1543876.775	40 225
34005	1543917.000	45.025
34006	1543962.025	45.175
34007	1544007.200	46.242
34008	1544053.442	46 058
34009	1544099.500	51.883
34010	1544151.383	49.358
34011	1544200.742	50 400
34012	1544251.142	50.092
34013	1544301.233	50.675
34014	1544351.908	49.850
34015	1544401.758	50.000
34016	1544451.758	50.008
34017	1544501.767	50 542
34018	1544552.308	47 867
34019	1544600.175	51.192
34020	1544651.367	48.458
34021	1544699.825	49.167
34022	1544748.992	47.708
34023	1544796.700	50.417
34024	1544847.117	46.292
34025	1544893.408	50.592
34026	1544944.000	46.317
34027	1544990.317	50 433
34028	1545040.750	49.692
34029	1545090 442	46.717
34030	1545137.158	48.358
34031	1545185.517	46.750
34032	1545232.267	47.575
34033	1545279.842	47.725
34034	1545327.567	49.367
34035	1545376.933	47.383
34036	1545424.317	48 950
34037	1545473.267	49.617
34038	1545522.883	48.517
34039	1545571.400	47.700
34040	1545619 100	50.117
34041	1545669 217	31.067
34042	1545700.283	47.250
34043	1545747.533	47.783
34044	1545795.317	49.100
34045	1545844.417	50 367
34046	1545894.783	46.925

Weld	Distance (ft.)	Joint Length (ft.)
34047	1545941 708	49.500
34048	1545991.208	48.667
34049	1546039.875	9.758
34050	1546049.633	36.342
34051	1546085.975	47.758
34052	1546133.733	41.775
34053	1546175.508	47.950
34054	1546223.458	48.642
34055	1546272.100	45 367
34056	1546317 467	45 717
34057	1546363.183	46.650
34058	1546409.833	48.175
34059	1546458.008	47.567
34060	1546505.575	49.092
34061	1546554.667	46.367
34062	1546601.033	47.850
34063	1546648.883	48 058
34064	1546696.942	49 400
34065	1546746.342	50.950
34066	1546797.292	49.850
34067	1546847.142	48.658
34068	1546895.800	46.825
34069	1546942.625	45.408
34070	1546988.033	49.600
34071	1547037.633	49.025
34072	1547086.658	46.675
34073	1547133.333	46.458
34074	1547179.792	48.175
34075	1547227.967	47.550
34076	1547275.517	46.058
34077	1547321.575	46.117
34078	1547367.692	44.083
34079	1547411.775	47.550
34080	1547459 325	49 533
34081	1547508.858	43.883
34082	1547552.742	47.825
34083	1547600.567	44.475
34084	1547645.042	47.575
34085	1547692.617	48.875
34086	1547741.492	47.575
34087	1547789.067	44 433
34088	1547833.500	48.400
34089	1547881 900	37.717
34090	1547919.617	45.183
34091	1547964.800	47.592
34092	1548012.392	50.300
34093	1548062.692	49.858
34094	1548112 550	50.575
34095	1548163.125	49.508
34096	1548212.633	49 617
34097	1548262.250	49.408
34098	1548311.658	51.183
34099	1548362.842	48.008
34100	1548410.850	48.308
34101	1548459.158	47.717
34102	1548506.875	48 158
34103	1548555 033	48.658
34104	1548603.692	49.592

Weld	Distance (ft.)	Joint Length (ft.)
34105	1548653 283	48.383
34106	1548701.667	49.808
34107	1548751.475	48.808
34108	1548800 283	48.125
34109	1548848.408	49.583
34110	1548897.992	48.767
34111	1548946.758	51.825
34112	1548998.583	50.200
34113	1549048.783	51 025
34114	1549099.808	48 783
34115	1549148.592	51.783
34116	1549200 375	50.167
34117	1549250.542	50.783
34118	1549301.325	51.083
34119	1549352.408	50.683
34120	1549403.092	48.917
34121	1549452.008	49 008
34122	1549501.017	48.558
34123	1549549.575	48.450
34124	1549598.025	49.200
34125	1549647.225	49.042
34126	1549696.267	48.550
34127	1549744.817	50 108
34128	1549794.925	50 842
34129	1549845.767	48.800
34130	1549894.567	48.650
34131	1549943.217	49.750
34132	1549992.967	49.125
34133	1550042.092	47 967
34134	1550090.058	48 533
34135	1550138 592	46.558
34136	1550185.150	48.825
34137	1550233.975	48.142
34138	1550282.117	48.383
34139	1550330.500	47 958
34140	1550378.458	47.817
34141	1550426.275	47.267
34142	1550473.542	47.592
34143	1550521.133	43.058
34144	1550564.192	48.442
34145	1550612.633	46.933
34146	1550659 567	48.450
34147	1550708.017	44.942
34148	1550752.958	47.625
34149	1550800.583	48 625
34150	1550849.208	48.792
34151	1550898 000	48.225
34152	1550946.225	47.533
34153	1550993.758	47.750
34154	1551041.508	48 133
34155	1551089.642	45 208
34156	1551134 850	35.675
34157	1551170 525	48.417
34158	1551218.942	48.133
34159	1551267.075	48.617
34160	1551315 692	45.467
34161	1551361.158	47.917
34162	1551409.075	40.933

Weld	Distance (ft.)	Joint Length (ft.)
34163	1551450 008	34.458
34164	1551484.467	46.667
34165	1551531.133	48.150
34166	1551579.283	49.308
34167	1551628.592	37.042
34168	1551665.633	46.183
34169	1551711.817	48.050
34170	1551759.867	48.508
34171	1551808.375	46.342
34172	1551854.717	7.067
34173	1551861.783	41.258
34174	1551903.042	44.850
34175	1551947.892	46.275
34176	1551994.167	48.208
34177	1552042.375	48.817
34178	1552091.192	49.108
34179	1552140.300	34.300
34180	1552174.600	48.492
34181	1552223.092	47 758
34182	1552270.850	46.925
34183	1552317.775	49.550
34184	1552367.325	49.100
34185	1552416 425	47.883
34186	1552464 308	38.017
34187	1552502.325	37.858
34188	1552540.183	48.533
34189	1552588.717	46.433
34190	1552635.150	48.467
34191	1552683.617	48.842
34192	1552732.458	48.975
34193	1552781.433	48.142
34194	1552829.575	49.625
34195	1552879.200	48.008
34196	1552927.208	45.683
34197	1552972.892	48.125
34198	1553021.017	49 350
34199	1553070.367	49.292
34200	1553119.658	48.750
34201	1553168.408	48.233
34202	1553216.642	50.300
34203	1553266 942	47.875
34204	1553314.817	51.342
34205	1553366.158	48.100
34206	1553414.258	48.483
34207	1553462.742	50.242
34208	1553512 983	48.908
34209	1553561.892	49.958
34210	1553611.850	51.125
34211	1553662.975	49.517
34212	1553712.492	40.375
34213	1553752.867	50 792
34214	1553803.658	50.508
34215	1553854.167	45.167
34216	1553899.333	51.808
34217	1553951.142	50.525
34218	1554001.667	50.008
34219	1554051.675	48.283
34220	1554099.958	51.575

Weld	Distance (ft.)	Joint Length (ft.)
34221	1554151.533	49.808
34222	1554201.342	50 808
34223	1554252.150	49.300
34224	1554301.450	49.508
34225	1554350.958	49.200
34226	1554400.158	51.508
34227	1554451.667	49.892
34228	1554501.558	49.175
34229	1554550.733	51.933
34230	1554602.667	49.425
34231	1554652.092	51.683
34232	1554703.775	49.533
34233	1554753.308	50.692
34234	1554804.000	50.308
34235	1554854 308	50.525
34236	1554904.833	51.250
34237	1554956.083	47 125
34238	1555003.208	47.367
34239	1555050.575	48.900
34240	1555099.475	44.008
34241	1555143.483	45.117
34242	1555188.600	49.858
34243	1555238.458	47.025
34244	1555285.483	44.725
34245	1555330.208	49.792
34246	1555380.000	50.425
34247	1555430.425	49.133
34248	1555479.558	47.033
34249	1555526.592	35.575
34250	1555562.167	51 858
34251	1555614.025	46.933
34252	1555660.958	49.258
34253	1555710.217	47.875
34254	1555758.092	47.733
34255	1555805.825	46.617
34256	1555852.442	45.850
34257	1555898.292	50.967
34258	1555949.258	45.867
34259	1555995.125	46.717
34260	1556041.842	44.783
34261	1556086.625	47.783
34262	1556134.408	43 433
34263	1556177.842	34.158
34264	1556212.000	48.542
34265	1556260.542	50.158
34266	1556310.700	49.217
34267	1556359.917	49 750
34268	1556409.667	46.308
34269	1556455.975	49.767
34270	1556505.742	50.558
34271	1556556.300	47.575
34272	1556603.875	50.333
34273	1556654.208	48.508
34274	1556702.717	49.592
34275	1556752.308	51.108
34276	1556803.417	38.708
34277	1556842.125	48 175
34278	1556890 300	43.392

Weld	Distance (ft.)	Joint Length (ft.)
34279	1556933.692	43.792
34280	1556977.483	48.583
34281	1557026.067	48.050
34282	1557074.117	49.092
34283	1557123.208	45.108
34284	1557168.317	44.433
34285	1557212.750	43.867
34286	1557256.617	48.500
34287	1557305.117	51 633
34288	1557356.750	49.033
34289	1557405.783	47.475
34290	1557453.258	50.375
34291	1557503.633	47.292
34292	1557550 925	50.458
34293	1557601.383	50 200
34294	1557651.583	49.925
34295	1557701.508	48.767
34296	1557750.275	50.725
34297	1557801.000	50.150
34298	1557851.150	47.367
34299	1557898.517	43.700
34300	1557942.217	48.150
34301	1557990.367	48.267
34302	1558038.633	49 775
34303	1558088.408	47.208
34304	1558135.617	47.783
34305	1558183.400	50.867
34306	1558234.267	49.658
34307	1558283.925	46.983
34308	1558330.908	50.825
34309	1558381.733	49.808
34310	1558431.542	46 725
34311	1558478.267	49.625
34312	1558527 892	47.425
34313	1558575 317	50 783
34314	1558626.100	50.992
34315	1558677.092	48.433
34316	1558725.525	46.825
34317	1558772.350	45 550
34318	1558817.900	47.583
34319	1558865 483	39.325
34320	1558904.808	45 175
34321	1558949.983	44.483
34322	1558994.467	46.533
34323	1559041 000	47 808
34324	1559088.808	41.467
34325	1559130.275	29.758
34326	1559160.033	48.317
34327	1559208.350	47.700
34328	1559256.050	51.408
34329	1559307.458	44.917
34330	1559352.375	46.800
34331	1559399.175	43.450
34332	1559442.625	49.358
34333	1559491.983	49 267
34334	1559541.250	48.658
34335	1559589.908	48.792
34336	1559638 700	49.400

Weld	Distance (ft.)	Joint Length (ft.)
34337	1559688.100	43.875
34338	1559731.975	46.992
34339	1559778.967	47.492
34340	1559826 458	48.733
34341	1559875.192	49.392
34342	1559924.583	46.117
34343	1559970.700	45.292
34344	1560015.992	50.317
34345	1560066.308	44.142
34346	1560110 450	39 067
34347	1560149 517	48 158
34348	1560197.675	50.617
34349	1560248.292	48.833
34350	1560297.125	44.942
34351	1560342 067	49.542
34352	1560391.608	49.417
34353	1560441.025	35.550
34354	1560476.575	47.650
34355	1560524.225	49.283
34356	1560573.508	49.775
34357	1560623.283	50.883
34358	1560674.167	41.242
34359	1560715.408	47.467
34360	1560762 875	50 308
34361	1560813 183	47.350
34362	1560860.533	41.517
34363	1560902.050	47.217
34364	1560949 267	50.050
34365	1560999.317	48.850
34366	1561048.167	47.783
34367	1561095.950	49.900
34368	1561145.850	45.583
34369	1561191.433	48.792
34370	1561240.225	49.883
34371	1561290.108	48.208
34372	1561338.317	50.308
34373	1561388.625	46.825
34374	1561435.450	43.275
34375	1561478 725	50.058
34376	1561528.783	49 408
34377	1561578.192	51.017
34378	1561629.208	48.883
34379	1561678 092	50 567
34380	1561728.658	50.183
34381	1561778.842	50.067
34382	1561828.908	49.000
34383	1561877.908	47.500
34384	1561925.408	49.550
34385	1561974.958	49.183
34386	1562024.142	48.242
34387	1562072 383	49 600
34388	1562121.983	48.733
34389	1562170.717	49.892
34390	1562220 608	49 442
34391	1562270.050	46.117
34392	1562316.167	47.050
34393	1562363.217	46.992
34394	1562410.208	46.275

Weld	Distance (ft.)	Joint Length (ft.)
34395	1562456 483	50.642
34396	1562507.125	47.008
34397	1562554.133	49.367
34398	1562603.500	49.092
34399	1562652 592	47.808
34400	1562700.400	43.550
34401	1562743 950	45.658
34402	1562789.608	49 250
34403	1562838.858	49.525
34404	1562888.383	50.058
34405	1562938.442	51.158
34406	1562989.600	46.608
34407	1563036 208	41.867
34408	1563078.075	49.508
34409	1563127.583	48.533
34410	1563176.117	47.292
34411	1563223.408	47.792
34412	1563271.200	42.533
34413	1563313.733	46.208
34414	1563359.942	52.050
34415	1563411.992	49.667
34416	1563461 658	45.592
34417	1563507.250	37.542
34418	1563544.792	45 592
34419	1563590.383	45.842
34420	1563636.225	45.683
34421	1563681.908	49.783
34422	1563731.692	47.492
34423	1563779.183	40.200
34424	1563819.383	40.300
34425	1563859.683	47.258
34426	1563906.942	47.717
34427	1563954.658	44.883
34428	1563999.542	45.858
34429	1564045.400	47.025
34430	1564092.425	47.050
34431	1564139.475	46.358
34432	1564185.833	41.717
34433	1564227.550	34.808
34434	1564262.358	49.650
34435	1564312.008	46.925
34436	1564358.933	46.158
34437	1564405.092	47.533
34438	1564452.625	49.350
34439	1564501 975	48.925
34440	1564550 900	46.392
34441	1564597.292	49.142
34442	1564646.433	47.475
34443	1564693 908	45.158
34444	1564739.067	44 025
34445	1564783.092	46.267
34446	1564829.358	48.850
34447	1564878.208	46.600
34448	1564924 808	47.658
34449	1564972.467	47.242
34450	1565019.708	49.400
34451	1565069.108	46 733
34452	1565115.842	50 517

Weld	Distance (ft.)	Joint Length (ft.)
34453	1565166.358	47.242
34454	1565213.600	51.608
34455	1565265.208	44.842
34456	1565310.050	50.725
34457	1565360.775	45.033
34458	1565405 808	46.983
34459	1565452 792	45.225
34460	1565498 017	47.475
34461	1565545.492	47.442
34462	1565592.933	45.583
34463	1565638.517	50.958
34464	1565689.475	42.667
34465	1565732.142	45.892
34466	1565778.033	46.658
34467	1565824.692	37.767
34468	1565862 458	46.492
34469	1565908 950	46.358
34470	1565955 308	49.958
34471	1566005.267	48.350
34472	1566053.617	45.925
34473	1566099.542	43.283
34474	1566142.825	50.417
34475	1566193.242	48.225
34476	1566241.467	48 358
34477	1566289.825	51 383
34478	1566341.208	44.958
34479	1566386.167	48.092
34480	1566434.258	50.000
34481	1566484.258	46.958
34482	1566531.217	48.083
34483	1566579 300	37.583
34484	1566616.883	47 992
34485	1566664.875	50.100
34486	1566714.975	47.033
34487	1566762.008	49.150
34488	1566811.158	47.517
34489	1566858.675	50.217
34490	1566908.892	50 467
34491	1566959.358	49.558
34492	1567008.917	45.775
34493	1567054.692	49.858
34494	1567104.550	46.683
34495	1567151.233	48.458
34496	1567199 692	49.808
34497	1567249.500	45.925
34498	1567295.425	47.492
34499	1567342.917	49.400
34500	1567392 317	49.992
34501	1567442 308	49 617
34502	1567491.925	46.350
34503	1567538.275	48.675
34504	1567586.950	44.817
34505	1567631 767	49.708
34506	1567681.475	46.617
34507	1567728 092	48.083
34508	1567776.175	45.158
34509	1567821.333	45.767
34510	1567867.100	48.283

Weld	Distance (ft.)	Joint Length (ft.)
34511	1567915.383	44.850
34512	1567960.233	48.708
34513	1568008.942	46.467
34514	1568055.408	46 542
34515	1568101.950	47.983
34516	1568149.933	47.825
34517	1568197.758	50.392
34518	1568248.150	45.550
34519	1568293 700	47.583
34520	1568341.283	48.025
34521	1568389.308	50.042
34522	1568439.350	51 025
34523	1568490.375	45.550
34524	1568535.925	41 592
34525	1568577.517	45.625
34526	1568623.142	48.717
34527	1568671.858	46.533
34528	1568718.392	51.492
34529	1568769.883	47.875
34530	1568817.758	42.125
34531	1568859.883	46.300
34532	1568906.183	46.900
34533	1568953.083	42.442
34534	1568995.525	45.125
34535	1569040.650	45.858
34536	1569086.508	45.175
34537	1569131.683	44.933
34538	1569176.617	47 717
34539	1569224.333	47 608
34540	1569271.942	50.075
34541	1569322.017	45.458
34542	1569367.475	43.858
34543	1569411.333	50.308
34544	1569461.642	48.025
34545	1569509.667	46.117
34546	1569555.783	48.083
34547	1569603.867	47.158
34548	1569651 025	49.208
34549	1569700.233	46.417
34550	1569746.650	46.992
34551	1569793.642	47.458
34552	1569841.100	45.875
34553	1569886.975	46.158
34554	1569933.133	47.917
34555	1569981.050	47.592
34556	1570028.642	48 150
34557	1570076.792	49.542
34558	1570126.333	48.833
34559	1570175.167	47.117
34560	1570222.283	45.775
34561	1570268.058	47.075
34562	1570315.133	49.075
34563	1570364.208	47.617
34564	1570411.825	43.308
34565	1570455.133	45.750
34566	1570500.883	46 142
34567	1570547.025	48.583
34568	1570595 608	48.108

Weld	Distance (ft.)	Joint Length (ft.)
34569	1570643.717	43 692
34570	1570687.408	46.258
34571	1570733.667	37.192
34572	1570770.858	48.783
34573	1570819.642	52.658
34574	1570872.300	46.925
34575	1570919.225	48.392
34576	1570967.617	48.092
34577	1571015.708	50.983
34578	1571066.692	45.058
34579	1571111.750	46 675
34580	1571158.425	45.150
34581	1571203.575	41.442
34582	1571245.017	48.300
34583	1571293.317	33.817
34584	1571327.133	44.850
34585	1571371.983	45.158
34586	1571417.142	45.325
34587	1571462 467	44 275
34588	1571506.742	47.383
34589	1571554.125	49.667
34590	1571603.792	48.992
34591	1571652.783	42.217
34592	1571695.000	46.825
34593	1571741.825	46.808
34594	1571788 633	48.975
34595	1571837 608	45.950
34596	1571883.558	45.717
34597	1571929.275	42.483
34598	1571971.758	51.033
34599	1572022.792	47.258
34600	1572070.050	45.617
34601	1572115 667	50.408
34602	1572166.075	46 650
34603	1572212.725	46.158
34604	1572258.883	50.308
34605	1572309.192	47.908
34606	1572357.100	47.350
34607	1572404.450	50 275
34608	1572454.725	33.233
34609	1572487.958	45.717
34610	1572533.675	47.658
34611	1572581.333	48.125
34612	1572629.458	46.700
34613	1572676.158	49.317
34614	1572725.475	30.500
34615	1572755.975	32.342
34616	1572788.317	46.492
34617	1572834.808	45.100
34618	1572879.908	45.017
34619	1572924 925	46.075
34620	1572971.000	48.917
34621	1573019.917	49.992
34622	1573069.908	45.733
34623	1573115.642	48.167
34624	1573163.808	44 942
34625	1573208.750	45 858
34626	1573254.608	42.808

Weld	Distance (ft.)	Joint Length (ft.)
34627	1573297.417	46.208
34628	1573343.625	44.892
34629	1573388.517	35.350
34630	1573423 867	46.775
34631	1573470.642	46.467
34632	1573517.108	44.667
34633	1573561.775	48.058
34634	1573609.833	46.350
34635	1573656.183	46.883
34636	1573703.067	47.792
34637	1573750.858	40.333
34638	1573791 192	49 425
34639	1573840 617	48.892
34640	1573889.508	51.433
34641	1573940.942	46.117
34642	1573987.058	49.658
34643	1574036.717	48.042
34644	1574084 758	49.108
34645	1574133.867	46 308
34646	1574180.175	43 958
34647	1574224.133	45.758
34648	1574269.892	48.967
34649	1574318 858	49.442
34650	1574368 300	48 625
34651	1574416.925	47.167
34652	1574464.092	46.858
34653	1574510.950	41.483
34654	1574552.433	48.608
34655	1574601.042	49.525
34656	1574650.567	46.108
34657	1574696.675	47.233
34658	1574743.908	47.725
34659	1574791 633	46 958
34660	1574838.592	47.567
34661	1574886.158	48.558
34662	1574934.717	49.208
34663	1574983.925	50.083
34664	1575034.008	50.583
34665	1575084.592	50.750
34666	1575135.342	48.817
34667	1575184.158	50.225
34668	1575234.383	48 758
34669	1575283.142	47.008
34670	1575330.150	47.550
34671	1575377.700	47.900
34672	1575425.600	46.983
34673	1575472.583	47.033
34674	1575519 617	48.292
34675	1575567.908	45 808
34676	1575613.717	36.883
34677	1575650.600	48.942
34678	1575699.542	47.867
34679	1575747 408	48.525
34680	1575795.933	45 183
34681	1575841.117	49.525
34682	1575890.642	46.400
34683	1575937.042	46.192
34684	1575983.233	47.983

Weld	Distance (ft.)	Joint Length (ft.)
34685	1576031.217	48.300
34686	1576079.517	46.483
34687	1576126.000	46.883
34688	1576172.883	47.100
34689	1576219.983	49.042
34690	1576269.025	48.517
34691	1576317.542	45 525
34692	1576363.067	40.608
34693	1576403.675	46 933
34694	1576450.608	42.492
34695	1576493.100	48.183
34696	1576541.283	51.217
34697	1576592.500	45.450
34698	1576637.950	47.958
34699	1576685.908	48.433
34700	1576734.342	50.567
34701	1576784.908	49.625
34702	1576834.533	50.783
34703	1576885.317	49.650
34704	1576934.967	45.625
34705	1576980.592	49 725
34706	1577030.317	47.817
34707	1577078.133	46.775
34708	1577124.908	46.200
34709	1577171.108	50.450
34710	1577221.558	50.225
34711	1577271.783	50 317
34712	1577322.100	50.700
34713	1577372.800	44.200
34714	1577417.000	43 808
34715	1577460 808	48.767
34716	1577509.575	51.017
34717	1577560.592	48.192
34718	1577608.783	49.667
34719	1577658 450	50.875
34720	1577709.325	49 625
34721	1577758.950	45 467
34722	1577804.417	50.133
34723	1577854.550	42.633
34724	1577897 183	48.100
34725	1577945.283	42.667
34726	1577987.950	44.758
34727	1578032.708	49 200
34728	1578081.908	48.333
34729	1578130.242	45.742
34730	1578175.983	43.625
34731	1578219 608	45.183
34732	1578264 792	44 442
34733	1578309.233	49.408
34734	1578358.642	44.267
34735	1578402 908	44.575
34736	1578447 483	45.217
34737	1578492.700	43 483
34738	1578536.183	48.492
34739	1578584.675	48.558
34740	1578633.233	49.433
34741	1578682.667	48 258
34742	1578730.925	48.300

Weld	Distance (ft.)	Joint Length (ft.)
34743	1578779.225	48 817
34744	1578828.042	44.233
34745	1578872.275	42.933
34746	1578915.208	48.558
34747	1578963.767	44.392
34748	1579008 158	47.850
34749	1579056.008	47.942
34750	1579103.950	44.633
34751	1579148.583	41.233
34752	1579189.817	45.250
34753	1579235.067	31.942
34754	1579267.008	33 258
34755	1579300.267	50 075
34756	1579350 342	45.067
34757	1579395.408	46.150
34758	1579441.558	47.092
34759	1579488.650	45.367
34760	1579534.017	45.167
34761	1579579.183	47.892
34762	1579627 075	49.150
34763	1579676.225	48.133
34764	1579724.358	48.983
34765	1579773.342	48 475
34766	1579821.817	47 817
34767	1579869.633	48.008
34768	1579917.642	48.058
34769	1579965 700	47.158
34770	1580012.858	47.100
34771	1580059.958	51.092
34772	1580111 050	45.967
34773	1580157.017	46.408
34774	1580203.425	47.050
34775	1580250.475	45.242
34776	1580295.717	48 375
34777	1580344.092	47.833
34778	1580391 925	39.608
34779	1580431.533	46.700
34780	1580478.233	50.650
34781	1580528.883	38 400
34782	1580567 283	44.300
34783	1580611.583	47.408
34784	1580658.992	51.425
34785	1580710.417	49 575
34786	1580759.992	45.925
34787	1580805.917	46.783
34788	1580852.700	37.967
34789	1580890.667	44 192
34790	1580934.858	46.308
34791	1580981.167	43.992
34792	1581025.158	45.658
34793	1581070.817	40 092
34794	1581110.908	47.458
34795	1581158.367	50.267
34796	1581208.633	49.600
34797	1581258.233	45 442
34798	1581303.675	47.758
34799	1581351.433	47.167
34800	1581398.600	45.917

Weld	Distance (ft.)	Joint Length (ft.)
34801	1581444.517	49.475
34802	1581493.992	46.033
34803	1581540 025	50.083
34804	1581590.108	45.533
34805	1581635.642	48 033
34806	1581683.675	48.150
34807	1581731.825	46.217
34808	1581778.042	46.400
34809	1581824.442	46.817
34810	1581871.258	48.700
34811	1581919.958	45.242
34812	1581965.200	51.325
34813	1582016.525	49.600
34814	1582066.125	50.400
34815	1582116.525	49.908
34816	1582166 433	43.317
34817	1582209.750	46.925
34818	1582256.675	48 667
34819	1582305.342	44.567
34820	1582349.908	47.783
34821	1582397.692	49.675
34822	1582447.367	48.658
34823	1582496 025	48.733
34824	1582544.758	46.592
34825	1582591 350	48.733
34826	1582640.083	48.275
34827	1582688.358	49 100
34828	1582737.458	48 817
34829	1582786.275	47.967
34830	1582834.242	44.158
34831	1582878 400	49.083
34832	1582927.483	47 367
34833	1582974.850	47 908
34834	1583022.758	50.283
34835	1583073.042	36.217
34836	1583109.258	46.833
34837	1583156.092	40.200
34838	1583196 292	39.492
34839	1583235 783	48.925
34840	1583284.708	49.558
34841	1583334.267	48.175
34842	1583382.442	49.533
34843	1583431.975	51.200
34844	1583483.175	48.125
34845	1583531.300	44.983
34846	1583576.283	46 492
34847	1583622.775	47.633
34848	1583670.408	43 758
34849	1583714.167	44.992
34850	1583759.158	40.292
34851	1583799.450	49.700
34852	1583849.150	50 308
34853	1583899.458	45 942
34854	1583945.400	47.275
34855	1583992.675	45.250
34856	1584037.925	40.467
34857	1584078.392	50.292
34858	1584128.683	44.908

Weld	Distance (ft.)	Joint Length (ft.)
34859	1584173.592	49.450
34860	1584223.042	48.667
34861	1584271.708	50 475
34862	1584322.183	49.692
34863	1584371.875	50.275
34864	1584422.150	42.625
34865	1584464.775	46.517
34866	1584511.292	35.433
34867	1584546.725	45.800
34868	1584592.525	50.083
34869	1584642.608	43.983
34870	1584686.592	47.225
34871	1584733.817	47.958
34872	1584781.775	45 408
34873	1584827.183	50.267
34874	1584877.450	50.533
34875	1584927.983	49.833
34876	1584977.817	45.658
34877	1585023.475	50.892
34878	1585074 367	46.583
34879	1585120.950	38.708
34880	1585159.658	46.608
34881	1585206.267	49.042
34882	1585255.308	48.058
34883	1585303.367	50.033
34884	1585353.400	44.825
34885	1585398.225	45.375
34886	1585443.600	45.442
34887	1585489.042	45.733
34888	1585534.775	48 783
34889	1585583.558	44.608
34890	1585628.167	41.833
34891	1585670.000	49.067
34892	1585719 067	46.933
34893	1585766.000	45.542
34894	1585811.542	44.408
34895	1585855.950	44.558
34896	1585900.508	44.617
34897	1585945.125	49.167
34898	1585994.292	46.817
34899	1586041 108	45.533
34900	1586086.642	49.250
34901	1586135.892	45.225
34902	1586181.117	48.892
34903	1586230.008	47.433
34904	1586277 442	49.075
34905	1586326.517	51 875
34906	1586378.392	45.733
34907	1586424.125	48.108
34908	1586472.233	41.183
34909	1586513.417	50.225
34910	1586563 642	44.183
34911	1586607.825	47.583
34912	1586655.408	47.808
34913	1586703.217	48.458
34914	1586751.675	48.142
34915	1586799.817	42.700
34916	1586842.517	48.300

Weld	Distance (ft.)	Joint Length (ft.)
34917	1586890.817	47.158
34918	1586937.975	44.992
34919	1586982.967	45.575
34920	1587028 542	46.050
34921	1587074.592	43.700
34922	1587118.292	44.992
34923	1587163.283	42.908
34924	1587206.192	48.817
34925	1587255.008	42.417
34926	1587297.425	44.750
34927	1587342.175	44.925
34928	1587387.100	45.625
34929	1587432.725	47.008
34930	1587479.733	44.575
34931	1587524.308	43 942
34932	1587568.250	45.992
34933	1587614.242	44.675
34934	1587658.917	39.800
34935	1587698.717	45.225
34936	1587743.942	44.317
34937	1587788.258	45.392
34938	1587833.650	44.483
34939	1587878 133	46.783
34940	1587924.917	48.242
34941	1587973.158	41.500
34942	1588014.658	43.658
34943	1588058.317	44.675
34944	1588102.992	42.975
34945	1588145.967	45.583
34946	1588191 550	44.667
34947	1588236.217	48.358
34948	1588284.575	47.725
34949	1588332.300	49.233
34950	1588381.533	50.058
34951	1588431.592	48.800
34952	1588480 392	46.850
34953	1588527.242	49 225
34954	1588576 467	44.292
34955	1588620.758	45.733
34956	1588666.492	48.142
34957	1588714.633	45.142
34958	1588759.775	50.683
34959	1588810.458	45.183
34960	1588855.642	47 117
34961	1588902.758	43.725
34962	1588946.483	44.142
34963	1588990.625	50.683
34964	1589041.308	45.292
34965	1589086.600	48.975
34966	1589135 575	40.650
34967	1589176.225	1.925
34968	1589178.150	41.400
34969	1589219.550	37.367
34970	1589256.917	38.517
34971	1589295 433	39.192
34972	1589334.625	39.208
34973	1589373.833	38.858
34974	1589412 692	23.483

Weld	Distance (ft.)	Joint Length (ft.)
34975	1589436.175	39.908
34976	1589476.083	43 542
34977	1589519.625	43.192
34978	1589562.817	35.342
34979	1589598.158	22.183
34980	1589620.342	10.808
34981	1589631.150	16.942
34982	1589648.092	41.408
34983	1589689.500	42 250
34984	1589731.750	43.583
34985	1589775.333	41.267
34986	1589816.600	40.492
34987	1589857.092	38.992
34988	1589896.083	37.475
34989	1589933.558	41.208
34990	1589974.767	33 800
34991	1590008.567	27 650
34992	1590036.217	3.025
34993	1590039.242	1.942
34994	1590041.183	1.317
34995	1590042.500	46.217
34996	1590088.717	48.525
34997	1590137.242	44.917
34998	1590182.158	40.692
34999	1590222.850	48.467
35000	1590271 317	47 408
35001	1590318.725	48.467
35002	1590367.192	44.600
35003	1590411.792	48.542
35004	1590460.333	45.383
35005	1590505.717	45.775
35006	1590551.492	46.100
35007	1590597.592	47.833
35008	1590645.425	48.358
35009	1590693.783	45.317
35010	1590739.100	48.225
35011	1590787.325	46.108
35012	1590833.433	46.558
35013	1590879 992	47.758
35014	1590927.750	45 217
35015	1590972.967	44.625
35016	1591017.592	47.942
35017	1591065.533	45.400
35018	1591110.933	46 425
35019	1591157.358	48.700
35020	1591206.058	46.883
35021	1591252.942	50.517
35022	1591303.458	43.025
35023	1591346.483	46.058
35024	1591392.542	46.392
35025	1591438.933	47.925
35026	1591486.858	47 000
35027	1591533.858	43.950
35028	1591577.808	48.500
35029	1591626 308	48.617
35030	1591674.925	48 642
35031	1591723.567	45.125
35032	1591768.692	46.042

Weld	Distance (ft.)	Joint Length (ft.)
35033	1591814.733	48.242
35034	1591862.975	46.075
35035	1591909.050	48.450
35036	1591957.500	45.458
35037	1592002.958	48.117
35038	1592051.075	44.733
35039	1592095.808	49.608
35040	1592145.417	47.450
35041	1592192.867	47.267
35042	1592240.133	47.692
35043	1592287.825	48 475
35044	1592336.300	36.883
35045	1592373.183	46.550
35046	1592419 733	49.067
35047	1592468.800	49.750
35048	1592518.550	49 300
35049	1592567.850	47 808
35050	1592615.658	46.083
35051	1592661.742	48.367
35052	1592710 108	50.858
35053	1592760.967	9.225
35054	1592770.192	41.267
35055	1592811.458	49.475
35056	1592860.933	28.850
35057	1592889.783	19.425
35058	1592909.208	43 850
35059	1592953.058	46 633
35060	1592999.692	47 617
35061	1593047.308	42.183
35062	1593089 492	47.133
35063	1593136 625	48.533
35064	1593185.158	50.542
35065	1593235.700	45.983
35066	1593281.683	48.758
35067	1593330.442	47.000
35068	1593377.442	46.050
35069	1593423.492	45 358
35070	1593468.850	51.317
35071	1593520.167	49.167
35072	1593569.333	49.558
35073	1593618.892	48.108
35074	1593667.000	46 658
35075	1593713.658	47.600
35076	1593761.258	49.217
35077	1593810.475	46.533
35078	1593857.008	49.175
35079	1593906.183	48.692
35080	1593954 875	46.567
35081	1594001.442	49.217
35082	1594050.658	48.617
35083	1594099.275	47.508
35084	1594146 783	50.542
35085	1594197 325	46 317
35086	1594243.642	48 083
35087	1594291.725	47.400
35088	1594339.125	47.617
35089	1594386.742	46.250
35090	1594432 992	44 308

Weld	Distance (ft.)	Joint Length (ft.)
35091	1594477.300	47.917
35092	1594525.217	49.242
35093	1594574 458	49.900
35094	1594624.358	49.500
35095	1594673.858	45.292
35096	1594719.150	49.233
35097	1594768.383	49.583
35098	1594817.967	46.917
35099	1594864.883	44.333
35100	1594909.217	49.633
35101	1594958.850	47.817
35102	1595006.667	47.200
35103	1595053.867	49.425
35104	1595103.292	45.242
35105	1595148.533	46.675
35106	1595195.208	44.917
35107	1595240 125	48.883
35108	1595289.008	49.050
35109	1595338.058	51.042
35110	1595389.100	49.517
35111	1595438.617	49.342
35112	1595487.958	49.358
35113	1595537 317	52.075
35114	1595589.392	45.825
35115	1595635.217	52.533
35116	1595687.750	49.508
35117	1595737.258	48.392
35118	1595785.650	49.033
35119	1595834.683	49.100
35120	1595883.783	48.583
35121	1595932.367	49.433
35122	1595981.800	48.633
35123	1596030 433	49.358
35124	1596079 792	49.608
35125	1596129.400	49.750
35126	1596179.150	49.475
35127	1596228.625	48.258
35128	1596276.883	49.892
35129	1596326.775	46 108
35130	1596372.883	47.950
35131	1596420.833	47.758
35132	1596468.592	43.500
35133	1596512.092	45.033
35134	1596557.125	45.642
35135	1596602.767	44.442
35136	1596647.208	44.817
35137	1596692.025	46.025
35138	1596738.050	48 675
35139	1596786.725	45.733
35140	1596832.458	47.300
35141	1596879 758	48.325
35142	1596928.083	45 417
35143	1596973.500	44 700
35144	1597018.200	43.017
35145	1597061.217	44.917
35146	1597106.133	46 033
35147	1597152 167	44.475
35148	1597196.642	45.033

Weld	Distance (ft.)	Joint Length (ft.)
35149	1597241.675	49.825
35150	1597291.500	47.017
35151	1597338.517	49.017
35152	1597387.533	46.183
35153	1597433 717	44 983
35154	1597478.700	44.808
35155	1597523.508	48.392
35156	1597571.900	47.950
35157	1597619.850	44.267
35158	1597664.117	50.850
35159	1597714.967	41.292
35160	1597756.258	46.950
35161	1597803.208	51.042
35162	1597854.250	48 858
35163	1597903.108	43.225
35164	1597946.333	48.383
35165	1597994.717	49.408
35166	1598044.125	44.992
35167	1598089.117	49.958
35168	1598139 075	50 733
35169	1598189.808	46.692
35170	1598236.500	47.658
35171	1598284.158	51.658
35172	1598335.817	47.992
35173	1598383.808	47.142
35174	1598430 950	49.108
35175	1598480.058	52.933
35176	1598532.992	44.267
35177	1598577.258	49.867
35178	1598627.125	47.900
35179	1598675.025	48.842
35180	1598723 867	49.117
35181	1598772.983	46.758
35182	1598819.742	49.933
35183	1598869.675	49.925
35184	1598919.600	46.600
35185	1598966 200	49.267
35186	1599015 467	42.867
35187	1599058.333	44.642
35188	1599102.975	45.817
35189	1599148.792	39.742
35190	1599188 533	46.258
35191	1599234.792	16 775
35192	1599251.567	2.683
35193	1599254.250	10.583
35194	1599264.833	4.142
35195	1599268.975	10.608
35196	1599279.583	3.550
35197	1599283.133	4.750
35198	1599287.883	10.692
35199	1599298.575	7.400
35200	1599305.975	10.400
35201	1599316.375	1.492
35202	1599317.867	12.042
35203	1599329.908	49.825
35204	1599379 733	49.425
35205	1599429.158	7 183
35206	1599436.342	19.792

Weld	Distance (ft.)	Joint Length (ft.)
35207	1599456.133	20 742
35208	1599476.875	45.000
35209	1599521.875	51.683
35210	1599573.558	44.867
35211	1599618.425	49.717
35212	1599668.142	47.067
35213	1599715.208	47.100
35214	1599762.308	48.042
35215	1599810.350	34 075
35216	1599844 425	48.800
35217	1599893.225	48.392
35218	1599941.617	48.675
35219	1599990.292	48.492
35220	1600038.783	49.483
35221	1600088.267	48 825
35222	1600137.092	51.700
35223	1600188.792	46.892
35224	1600235.683	43.042
35225	1600278.725	39.483
35226	1600318.208	47.575
35227	1600365.783	43.733
35228	1600409 517	45.708
35229	1600455.225	43.408
35230	1600498.633	47.542
35231	1600546.175	46.625
35232	1600592.800	45.533
35233	1600638.333	48.567
35234	1600686.900	46.483
35235	1600733.383	48.383
35236	1600781.767	47.108
35237	1600828.875	47.617
35238	1600876.492	43.925
35239	1600920.417	44.842
35240	1600965 258	46.058
35241	1601011.317	44.583
35242	1601055.900	47.008
35243	1601102.908	48.233
35244	1601151.142	48.033
35245	1601199 175	44.383
35246	1601243.558	48.042
35247	1601291.600	45.608
35248	1601337.208	46.708
35249	1601383.917	47.817
35250	1601431.733	48.992
35251	1601480.725	45.183
35252	1601525.908	45.508
35253	1601571.417	45.983
35254	1601617.400	47.350
35255	1601664.750	44.583
35256	1601709.333	50.825
35257	1601760.158	49.142
35258	1601809.300	46.592
35259	1601855.892	47.333
35260	1601903.225	48.767
35261	1601951.992	42.525
35262	1601994.517	46.483
35263	1602041.000	50.475
35264	1602091.475	51.642

Weld	Distance (ft.)	Joint Length (ft.)
35265	1602143.117	51.067
35266	1602194.183	51.417
35267	1602245.600	50.467
35268	1602296.067	47.658
35269	1602343.725	46.200
35270	1602389.925	46.208
35271	1602436.133	46.008
35272	1602482.142	44.183
35273	1602526.325	48.958
35274	1602575.283	47.675
35275	1602622.958	42.608
35276	1602665.567	48 850
35277	1602714.417	48.092
35278	1602762.508	46.333
35279	1602808.842	45.858
35280	1602854.700	46.417
35281	1602901.117	47.908
35282	1602949.025	45 558
35283	1602994.583	48.650
35284	1603043.233	47.300
35285	1603090.533	45.075
35286	1603135.608	46.725
35287	1603182.333	50.042
35288	1603232.375	50.975
35289	1603283.350	49 167
35290	1603332.517	46.292
35291	1603378.808	50.183
35292	1603428.992	41.017
35293	1603470.008	45 300
35294	1603515.308	48.400
35295	1603563.708	48.225
35296	1603611.933	45.925
35297	1603657.858	47.492
35298	1603705.350	48.742
35299	1603754.092	46.650
35300	1603800.742	47.750
35301	1603848.492	50.408
35302	1603898.900	47.658
35303	1603946.558	43.158
35304	1603989.717	49.733
35305	1604039.450	45.992
35306	1604085.442	48.158
35307	1604133.600	48.408
35308	1604182.008	48 983
35309	1604230.992	48.075
35310	1604279.067	47.892
35311	1604326.958	47.833
35312	1604374.792	44.842
35313	1604419.633	39.425
35314	1604459 058	23 000
35315	1604482.058	0.992
35316	1604483.050	39.950
35317	1604523.000	39.908
35318	1604562.908	39.867
35319	1604602.775	39.558
35320	1604642.333	39.950
35321	1604682.283	39.642
35322	1604721.925	39.650

Weld	Distance (ft.)	Joint Length (ft.)
35323	1604761.575	39.867
35324	1604801.442	39 592
35325	1604841.033	39.992
35326	1604881.025	39.742
35327	1604920.767	39.975
35328	1604960.742	39.558
35329	1605000.300	39.925
35330	1605040.225	39.592
35331	1605079.817	39 567
35332	1605119.383	39 917
35333	1605159.300	39.717
35334	1605199.017	39.800
35335	1605238.817	39.950
35336	1605278.767	39.417
35337	1605318.183	39 925
35338	1605358.108	39.925
35339	1605398.033	39.975
35340	1605438 008	39.575
35341	1605477.583	39.825
35342	1605517.408	39.950
35343	1605557.358	39 883
35344	1605597.242	39.917
35345	1605637.158	39.725
35346	1605676 883	40.000
35347	1605716.883	39 950
35348	1605756.833	39.617
35349	1605796.450	38.583
35350	1605835 033	39.900
35351	1605874.933	39 600
35352	1605914.533	39.950
35353	1605954 483	39.983
35354	1605994 467	39.967
35355	1606034.433	39.967
35356	1606074.400	39.958
35357	1606114.358	39.325
35358	1606153 683	39.917
35359	1606193.600	39 575
35360	1606233.175	39.917
35361	1606273 092	39.642
35362	1606312 733	39.900
35363	1606352.633	39 933
35364	1606392.567	39.967
35365	1606432.533	39.692
35366	1606472.225	39.933
35367	1606512.158	39.925
35368	1606552.083	39.367
35369	1606591.450	39.925
35370	1606631.375	39 608
35371	1606670.983	38 700
35372	1606709.683	39.942
35373	1606749 625	40 008
35374	1606789.633	39 667
35375	1606829.300	39.925
35376	1606869 225	39.717
35377	1606908.942	39.983
35378	1606948.925	39 650
35379	1606988.575	39.492
35380	1607028.067	39.925

Weld	Distance (ft.)	Joint Length (ft.)
35381	1607067.992	39.342
35382	1607107 333	39.533
35383	1607146.867	39.958
35384	1607186.825	39.950
35385	1607226.775	39 875
35386	1607266 650	39.983
35387	1607306.633	39.950
35388	1607346.583	39.692
35389	1607386.275	39.592
35390	1607425.867	39.983
35391	1607465.850	39 958
35392	1607505.808	40.008
35393	1607545.817	39 967
35394	1607585.783	39.950
35395	1607625.733	39.967
35396	1607665.700	38.908
35397	1607704.608	39.942
35398	1607744.550	39.942
35399	1607784.492	39.917
35400	1607824.408	39.667
35401	1607864.075	39.900
35402	1607903.975	39.967
35403	1607943.942	39.942
35404	1607983.883	39.992
35405	1608023.875	38.750
35406	1608062.625	40.017
35407	1608102.642	40.008
35408	1608142.650	40.000
35409	1608182.650	39.967
35410	1608222.617	39.933
35411	1608262.550	39.425
35412	1608301.975	39.967
35413	1608341.942	39 975
35414	1608381.917	39.317
35415	1608421.233	39.592
35416	1608460.825	44.575
35417	1608505.400	44.908
35418	1608550.308	42.992
35419	1608593.300	39.958
35420	1608633.258	43.775
35421	1608677.033	39 967
35422	1608717.000	39.833
35423	1608756.833	40.042
35424	1608796 875	39.950
35425	1608836.825	39 717
35426	1608876.542	40.008
35427	1608916.550	39.942
35428	1608956.492	39.875
35429	1608996 367	38 967
35430	1609035.333	40.067
35431	1609075.400	39.708
35432	1609115 108	39 750
35433	1609154.858	39 542
35434	1609194.400	39.450
35435	1609233.850	39.967
35436	1609273 817	39 825
35437	1609313.642	42.900
35438	1609356.542	28.700

Weld	Distance (ft.)	Joint Length (ft.)
35439	1609385.242	39.850
35440	1609425.092	39.917
35441	1609465.008	32.733
35442	1609497.742	39.767
35443	1609537.508	39.925
35444	1609577.433	39.817
35445	1609617.250	39.825
35446	1609657.075	34.533
35447	1609691 608	39.925
35448	1609731.533	39.900
35449	1609771.433	39.925
35450	1609811.358	39.867
35451	1609851.225	44.442
35452	1609895.667	42.850
35453	1609938.517	44 475
35454	1609982.992	39.917
35455	1610022.908	27.883
35456	1610050.792	39.592
35457	1610090.383	39.900
35458	1610130 283	40.017
35459	1610170 300	39.800
35460	1610210.100	39.733
35461	1610249.833	39.917
35462	1610289.750	39.967
35463	1610329 717	39.992
35464	1610369.708	39.967
35465	1610409.675	40.008
35466	1610449.683	39.217
35467	1610488.900	39.908
35468	1610528.808	11.917
35469	1610540 725	31.617
35470	1610572.342	40.033
35471	1610612.375	39.983
35472	1610652.358	39.917
35473	1610692.275	39.825
35474	1610732 100	39.917
35475	1610772.017	39 867
35476	1610811.883	39.950
35477	1610851.833	39.717
35478	1610891.550	39 892
35479	1610931.442	39.925
35480	1610971.367	25.883
35481	1610997.250	39.258
35482	1611036.508	39.967
35483	1611076.475	39.767
35484	1611116.242	39.933
35485	1611156.175	39.942
35486	1611196.117	39.442
35487	1611235.558	39.992
35488	1611275.550	39.933
35489	1611315.483	39.958
35490	1611355 442	39.750
35491	1611395.192	39.442
35492	1611434.633	39.925
35493	1611474.558	35.133
35494	1611509 692	1.000
35495	1611510.692	43.425
35496	1611554.117	43.808

Weld	Distance (ft.)	Joint Length (ft.)
35497	1611597 925	43.150
35498	1611641.075	42 275
35499	1611683.350	44.892
35500	1611728.242	31.958
35501	1611760.200	34.125
35502	1611794.325	43.025
35503	1611837.350	43.517
35504	1611880.867	43.425
35505	1611924.292	42.617
35506	1611966.908	43.342
35507	1612010 250	43 575
35508	1612053.825	45.192
35509	1612099.017	42.767
35510	1612141.783	44.742
35511	1612186.525	40.550
35512	1612227.075	42.600
35513	1612269 675	42.825
35514	1612312.500	43.158
35515	1612355.658	44.042
35516	1612399.700	43.142
35517	1612442.842	41.425
35518	1612484.267	42.633
35519	1612526.900	41.733
35520	1612568 633	40.833
35521	1612609.467	1.025
35522	1612610.492	27.358
35523	1612637.850	39.908
35524	1612677 758	39.425
35525	1612717 183	39.667
35526	1612756.850	39.942
35527	1612796.792	30.375
35528	1612827.167	38.992
35529	1612866.158	43.533
35530	1612909.692	39 767
35531	1612949.458	39 967
35532	1612989.425	39.908
35533	1613029.333	40.033
35534	1613069.367	39.958
35535	1613109 325	39.967
35536	1613149.292	39.917
35537	1613189.208	39.950
35538	1613229.158	39.958
35539	1613269.117	40.008
35540	1613309 125	39.517
35541	1613348.642	39.975
35542	1613388.617	39.725
35543	1613428.342	39.942
35544	1613468.283	39.958
35545	1613508.242	39 950
35546	1613548.192	38.900
35547	1613587.092	39.942
35548	1613627.033	40.000
35549	1613667.033	39.983
35550	1613707.017	38.742
35551	1613745.758	40.000
35552	1613785.758	39.942
35553	1613825.700	39.950
35554	1613865.650	39.683

Weld	Distance (ft.)	Joint Length (ft.)
35555	1613905.333	39.917
35556	1613945.250	39.983
35557	1613985.233	38.250
35558	1614023 483	39.642
35559	1614063.125	39.958
35560	1614103 083	39.250
35561	1614142.333	39.975
35562	1614182.308	39.925
35563	1614222.233	39.958
35564	1614262.192	39.967
35565	1614302.158	39.950
35566	1614342.108	39.550
35567	1614381.658	39.375
35568	1614421 033	39.950
35569	1614460.983	40.008
35570	1614500.992	39.900
35571	1614540.892	39.975
35572	1614580.867	39 967
35573	1614620.833	39 983
35574	1614660.817	39.942
35575	1614700.758	31.975
35576	1614732.733	39.883
35577	1614772.617	39.983
35578	1614812.600	39 992
35579	1614852.592	39 950
35580	1614892.542	39.958
35581	1614932.500	40.083
35582	1614972.583	39.858
35583	1615012.442	39.875
35584	1615052.317	42.783
35585	1615095.100	40.017
35586	1615135.117	39.917
35587	1615175.033	39.908
35588	1615214.942	39 942
35589	1615254.883	39 692
35590	1615294.575	39.542
35591	1615334.117	39.933
35592	1615374.050	39.675
35593	1615413.725	39.725
35594	1615453 450	39.958
35595	1615493.408	39.908
35596	1615533.317	39.725
35597	1615573.042	39.242
35598	1615612.283	39 908
35599	1615652.192	39.933
35600	1615692.125	39.975
35601	1615732.100	39.608
35602	1615771.708	39.925
35603	1615811.633	39.967
35604	1615851.600	39.908
35605	1615891.508	39.925
35606	1615931.433	39.942
35607	1615971.375	39.908
35608	1616011 283	39.733
35609	1616051.017	39.800
35610	1616090.817	39.833
35611	1616130 650	39.967
35612	1616170.617	39.958

Weld	Distance (ft.)	Joint Length (ft.)
35613	1616210.575	40.700
35614	1616251.275	39.883
35615	1616291.158	39.958
35616	1616331.117	39.842
35617	1616370.958	39.942
35618	1616410.900	31.950
35619	1616442.850	13.042
35620	1616455.892	28.258
35621	1616484.150	39.933
35622	1616524.083	39.950
35623	1616564.033	39.817
35624	1616603.850	39.900
35625	1616643.750	39.817
35626	1616683 567	40.042
35627	1616723.608	40.017
35628	1616763.625	40.008
35629	1616803.633	39.833
35630	1616843.467	39.883
35631	1616883.350	43.333
35632	1616926.683	37.642
35633	1616964.325	38.900
35634	1617003.225	28.100
35635	1617031.325	2.500
35636	1617033.825	27.433
35637	1617061.258	39.917
35638	1617101.175	21.725
35639	1617122.900	12.708
35640	1617135.608	18.442
35641	1617154.050	13.767
35642	1617167.817	39.950
35643	1617207.767	39.767
35644	1617247.533	33.417
35645	1617280.950	42.842
35646	1617323.792	39.908
35647	1617363.700	39.892
35648	1617403.592	40.992
35649	1617444.583	39 900
35650	1617484.483	39.892
35651	1617524.375	40.267
35652	1617564.642	40.000
35653	1617604.642	39.892
35654	1617644.533	39 875
35655	1617684.408	40.433
35656	1617724.842	38.867
35657	1617763.708	39.892
35658	1617803.600	38.808
35659	1617842 408	37.808
35660	1617880.217	42.192
35661	1617922.408	42.617
35662	1617965.025	39.808
35663	1618004.833	39.950
35664	1618044.783	43.192
35665	1618087.975	42.542
35666	1618130.517	42.183
35667	1618172.700	42.375
35668	1618215.075	42.633
35669	1618257.708	42.308
35670	1618300.017	39.925

Weld	Distance (ft.)	Joint Length (ft.)
35671	1618339.942	39.900
35672	1618379.842	42.817
35673	1618422.658	43.667
35674	1618466.325	43.533
35675	1618509.858	43 692
35676	1618553.550	37.250
35677	1618590.800	40.325
35678	1618631.125	41.650
35679	1618672.775	43.758
35680	1618716.533	45.300
35681	1618761.833	43.858
35682	1618805 692	44.167
35683	1618849.858	39.925
35684	1618889.783	39 825
35685	1618929.608	43.158
35686	1618972.767	39.892
35687	1619012.658	39.892
35688	1619052.550	39.850
35689	1619092.400	39.933
35690	1619132.333	38.758
35691	1619171.092	39.842
35692	1619210.933	39.808
35693	1619250.742	40 008
35694	1619290.750	39 892
35695	1619330.642	39.942
35696	1619370 583	39.967
35697	1619410 550	37.692
35698	1619448.242	39 792
35699	1619488.033	39 842
35700	1619527.875	39.817
35701	1619567.692	39.892
35702	1619607.583	39.933
35703	1619647.517	39.917
35704	1619687.433	39 942
35705	1619727.375	39.867
35706	1619767.242	39.842
35707	1619807.083	40.017
35708	1619847.100	39.850
35709	1619886 950	39.842
35710	1619926.792	39.842
35711	1619966.633	39.925
35712	1620006.558	39.917
35713	1620046 475	39.883
35714	1620086.358	39.958
35715	1620126.317	42.850
35716	1620169.167	39.900
35717	1620209.067	39.892
35718	1620248.958	39.892
35719	1620288.850	39.875
35720	1620328.725	39.858
35721	1620368.583	39.883
35722	1620408.467	39 775
35723	1620448 242	39.842
35724	1620488.083	40.133
35725	1620528.217	39.875
35726	1620568.092	39.908
35727	1620608.000	40.383
35728	1620648.383	0.875

Weld	Distance (ft.)	Joint Length (ft.)
35729	1620649.258	6 850
35730	1620656.108	49 542
35731	1620705.650	43.942
35732	1620749.592	51.725
35733	1620801.317	50.192
35734	1620851.508	46.650
35735	1620898.158	50.200
35736	1620948.358	17 783
35737	1620966.142	3.425
35738	1620969.567	4.900
35739	1620974.467	3.325
35740	1620977.792	18.108
35741	1620995.900	49.575
35742	1621045.475	50 675
35743	1621096 150	48.650
35744	1621144 800	38.367
35745	1621183.167	51.058
35746	1621234.225	49.417
35747	1621283.642	38.458
35748	1621322 100	47.933
35749	1621370.033	51 275
35750	1621421.308	49.625
35751	1621470.933	43.250
35752	1621514.183	48.683
35753	1621562.867	49.425
35754	1621612.292	30.925
35755	1621643.217	49.242
35756	1621692.458	49.642
35757	1621742.100	48.092
35758	1621790.192	49.908
35759	1621840.100	49 733
35760	1621889.833	50.208
35761	1621940.042	47.642
35762	1621987 683	50.183
35763	1622037.867	44 808
35764	1622082.675	46.492
35765	1622129.167	46.042
35766	1622175.208	48.667
35767	1622223.875	47.600
35768	1622271.475	49.708
35769	1622321.183	46.017
35770	1622367.200	49 100
35771	1622416.300	51 433
35772	1622467.733	49.775
35773	1622517.508	48.425
35774	1622565.933	46.042
35775	1622611.975	48 400
35776	1622660.375	45.950
35777	1622706.325	49.792
35778	1622756.117	46.325
35779	1622802.442	45 008
35780	1622847.450	43.508
35781	1622890.958	46.667
35782	1622937.625	48.083
35783	1622985.708	45.950
35784	1623031 658	44.900
35785	1623076.558	45.383
35786	1623121.942	49.908

Weld	Distance (ft.)	Joint Length (ft.)
35787	1623171.850	49.575
35788	1623221.425	49.758
35789	1623271.183	39.350
35790	1623310.533	50.508
35791	1623361.042	46.392
35792	1623407.433	44.883
35793	1623452 317	35.000
35794	1623487.317	51.150
35795	1623538.467	44.008
35796	1623582.475	49.000
35797	1623631.475	41.000
35798	1623672.475	42.925
35799	1623715.400	43.883
35800	1623759 283	45.683
35801	1623804.967	50.075
35802	1623855.042	45.900
35803	1623900.942	50.542
35804	1623951.483	49.808
35805	1624001.292	50.058
35806	1624051 350	44.367
35807	1624095.717	50 342
35808	1624146.058	44.500
35809	1624190.558	50.042
35810	1624240.600	49.708
35811	1624290.308	44.992
35812	1624335.300	46.158
35813	1624381.458	46.750
35814	1624428.208	46.900
35815	1624475.108	48.958
35816	1624524.067	49.617
35817	1624573.683	47.692
35818	1624621.375	50.067
35819	1624671.442	44.808
35820	1624716 250	48.942
35821	1624765.192	45 417
35822	1624810.608	48 233
35823	1624858.842	48.950
35824	1624907.792	47.567
35825	1624955 358	48.508
35826	1625003.867	49 083
35827	1625052.950	46.117
35828	1625099.067	3.442
35829	1625102.508	48.292
35830	1625150.800	48 183
35831	1625198.983	49.517
35832	1625248.500	48.867
35833	1625297.367	48.133
35834	1625345.500	48.383
35835	1625393.883	47.608
35836	1625441.492	47.642
35837	1625489.133	48.558
35838	1625537.692	49.242
35839	1625586.933	47.683
35840	1625634.617	49.508
35841	1625684 125	47.892
35842	1625732.017	46.808
35843	1625778 825	48.583
35844	1625827.408	47.700

Weld	Distance (ft.)	Joint Length (ft.)
35845	1625875.108	46.133
35846	1625921.242	48.542
35847	1625969.783	48.000
35848	1626017.783	49.217
35849	1626067.000	50.142
35850	1626117 142	49.017
35851	1626166 158	43 767
35852	1626209 925	49.767
35853	1626259.692	50.300
35854	1626309.992	48.267
35855	1626358.258	48.433
35856	1626406.692	47.883
35857	1626454.575	49.850
35858	1626504.425	48 467
35859	1626552.892	50 017
35860	1626602.908	50.208
35861	1626653.117	49.933
35862	1626703.050	48.317
35863	1626751.367	46.200
35864	1626797.567	48.167
35865	1626845.733	49.108
35866	1626894.842	49 275
35867	1626944 117	44.342
35868	1626988.458	45.267
35869	1627033.725	51.083
35870	1627084.808	43.683
35871	1627128.492	45.808
35872	1627174 300	49 600
35873	1627223.900	48 325
35874	1627272.225	47.933
35875	1627320.158	49.000
35876	1627369.158	43.142
35877	1627412.300	48 558
35878	1627460 858	45.792
35879	1627506.650	45 008
35880	1627551.658	43.458
35881	1627595.117	48.758
35882	1627643.875	45.858
35883	1627689.733	48.992
35884	1627738 725	47.158
35885	1627785.883	48.658
35886	1627834.542	46.433
35887	1627880.975	50.175
35888	1627931 150	45.183
35889	1627976.333	47 042
35890	1628023.375	46.292
35891	1628069.667	47.908
35892	1628117.575	47.800
35893	1628165.375	46.292
35894	1628211 667	47.542
35895	1628259.208	48.508
35896	1628307.717	50.525
35897	1628358.242	46.017
35898	1628404.258	45.167
35899	1628449.425	47.758
35900	1628497.183	47.717
35901	1628544.900	48.375
35902	1628593.275	45.750

Weld	Distance (ft.)	Joint Length (ft.)
35903	1628639 025	44.942
35904	1628683.967	47.608
35905	1628731.575	47.050
35906	1628778.625	44.925
35907	1628823.550	49.583
35908	1628873.133	46.725
35909	1628919.858	48.992
35910	1628968.850	48.667
35911	1629017.517	46.675
35912	1629064.192	46.300
35913	1629110.492	43.600
35914	1629154.092	48.133
35915	1629202.225	46.300
35916	1629248.525	46.067
35917	1629294.592	48.292
35918	1629342.883	44.175
35919	1629387.058	48.892
35920	1629435.950	46 367
35921	1629482.317	49.983
35922	1629532.300	49.375
35923	1629581.675	45.600
35924	1629627.275	48.258
35925	1629675 533	50.183
35926	1629725.717	41.625
35927	1629767.342	50.533
35928	1629817.875	49 983
35929	1629867.858	43.350
35930	1629911 208	37.892
35931	1629949 100	46.867
35932	1629995.967	48.333
35933	1630044.300	45.558
35934	1630089.858	48.208
35935	1630138.067	46.008
35936	1630184.075	44.342
35937	1630228.417	47.108
35938	1630275.525	45.808
35939	1630321.333	45.792
35940	1630367.125	49.167
35941	1630416.292	45.350
35942	1630461.642	44.967
35943	1630506.608	45.925
35944	1630552.533	45.967
35945	1630598.500	46.258
35946	1630644.758	46.342
35947	1630691.100	48.067
35948	1630739.167	45.058
35949	1630784.225	45 308
35950	1630829.533	45.517
35951	1630875 050	35.767
35952	1630910.817	48.333
35953	1630959.150	49.067
35954	1631008.217	45.333
35955	1631053.550	48.200
35956	1631101.750	45.350
35957	1631147.100	49.000
35958	1631196.100	50.967
35959	1631247.067	43.625
35960	1631290 692	45.225

Weld	Distance (ft.)	Joint Length (ft.)
35961	1631335.917	51.133
35962	1631387.050	48.242
35963	1631435.292	18.400
35964	1631453.692	2.083
35965	1631455.775	4.708
35966	1631460.483	2.008
35967	1631462.492	21.325
35968	1631483.817	46.517
35969	1631530.333	48.250
35970	1631578.583	51.267
35971	1631629.850	47.883
35972	1631677.733	48.808
35973	1631726.542	48.600
35974	1631775.142	48.533
35975	1631823.675	49.750
35976	1631873.425	48.800
35977	1631922.225	44.433
35978	1631966.658	46.883
35979	1632013.542	47.300
35980	1632060.842	49.092
35981	1632109.933	43.575
35982	1632153.508	45.608
35983	1632199.117	45.250
35984	1632244.367	43.292
35985	1632287.658	46.283
35986	1632333.942	48 775
35987	1632382.717	49.300
35988	1632432.017	44.717
35989	1632476.733	45.992
35990	1632522.725	45.675
35991	1632568 400	44.183
35992	1632612.583	47.458
35993	1632660.042	48.267
35994	1632708.308	46.225
35995	1632754.533	47.958
35996	1632802.492	40.233
35997	1632842.725	44.817
35998	1632887.542	48.700
35999	1632936.242	47.017
36000	1632983.258	46.850
36001	1633030.108	47.633
36002	1633077.742	47.583
36003	1633125.325	46 458
36004	1633171.783	48.658
36005	1633220.442	41.958
36006	1633262.400	48.867
36007	1633311.267	46.242
36008	1633357.508	42.408
36009	1633399.917	44.825
36010	1633444.742	45.842
36011	1633490.583	45.550
36012	1633536.133	48.517
36013	1633584.650	49.342
36014	1633633.992	42.525
36015	1633676.517	46.550
36016	1633723.067	47.558
36017	1633770.625	45.867
36018	1633816.492	46.583

Weld	Distance (ft.)	Joint Length (ft.)
36019	1633863.075	47.733
36020	1633910.808	44.925
36021	1633955.733	45.633
36022	1634001.367	46.908
36023	1634048 275	48 767
36024	1634097.042	47.250
36025	1634144.292	47.508
36026	1634191.800	47.967
36027	1634239.767	48.575
36028	1634288 342	48.092
36029	1634336 433	46.733
36030	1634383.167	48.592
36031	1634431.758	48.375
36032	1634480.133	40.217
36033	1634520.350	48 558
36034	1634568.908	42.442
36035	1634611.350	48.758
36036	1634660.108	47.825
36037	1634707.933	42 100
36038	1634750.033	50 208
36039	1634800.242	47.750
36040	1634847.992	47.425
36041	1634895 417	45.192
36042	1634940.608	48 158
36043	1634988.767	48.025
36044	1635036.792	48.350
36045	1635085.142	48.850
36046	1635133.992	47.492
36047	1635181.483	45.567
36048	1635227.050	48 192
36049	1635275.242	48.367
36050	1635323.608	47.550
36051	1635371.158	45.300
36052	1635416.458	46.025
36053	1635462.483	46.533
36054	1635509.017	47.550
36055	1635556.567	46.183
36056	1635602.750	48.633
36057	1635651.383	46.075
36058	1635697.458	48 550
36059	1635746.008	47.358
36060	1635793.367	48.375
36061	1635841 742	50.292
36062	1635892.033	49.333
36063	1635941.367	48.033
36064	1635989 400	46.675
36065	1636036.075	45.633
36066	1636081.708	49.050
36067	1636130 758	52.067
36068	1636182.825	48 508
36069	1636231.333	48.950
36070	1636280.283	45.217
36071	1636325.500	45 392
36072	1636370.892	49.050
36073	1636419 942	48.000
36074	1636467.942	45.933
36075	1636513.875	49.917
36076	1636563 792	50.792

Weld	Distance (ft.)	Joint Length (ft.)
36077	1636614.583	47.200
36078	1636661.783	52.142
36079	1636713.925	48.517
36080	1636762 442	34.533
36081	1636796.975	50.542
36082	1636847.517	48.533
36083	1636896.050	49.283
36084	1636945.333	48.992
36085	1636994 325	48 233
36086	1637042 558	48 025
36087	1637090.583	37.942
36088	1637128.525	46.533
36089	1637175 058	51.850
36090	1637226.908	40.000
36091	1637266 908	50 650
36092	1637317.558	45.667
36093	1637363 225	48.692
36094	1637411.917	36.167
36095	1637448.083	47 442
36096	1637495.525	49.950
36097	1637545.475	46.767
36098	1637592.242	39.992
36099	1637632.233	47.408
36100	1637679.642	44.758
36101	1637724.400	47.533
36102	1637771 933	47.358
36103	1637819.292	45.283
36104	1637864.575	47.483
36105	1637912.058	48.067
36106	1637960.125	46.100
36107	1638006.225	50.442
36108	1638056.667	50.050
36109	1638106 717	46.475
36110	1638153 192	48 175
36111	1638201.367	44.858
36112	1638246.225	46.733
36113	1638292 958	47 700
36114	1638340.658	44.850
36115	1638385 508	32.525
36116	1638418.033	50.183
36117	1638468.217	48.825
36118	1638517.042	49.042
36119	1638566 083	47 900
36120	1638613.983	47.567
36121	1638661 550	40.417
36122	1638701.967	47 583
36123	1638749.550	47.958
36124	1638797.508	48.717
36125	1638846 225	46.200
36126	1638892.425	47.475
36127	1638939.900	45.692
36128	1638985.592	47.067
36129	1639032.658	50.208
36130	1639082.867	50.600
36131	1639133 467	50.125
36132	1639183 592	49.508
36133	1639233.100	47.575
36134	1639280 675	44.342

Weld	Distance (ft.)	Joint Length (ft.)
36135	1639325.017	45 875
36136	1639370.892	44 525
36137	1639415.417	43.142
36138	1639458.558	49.208
36139	1639507.767	43.417
36140	1639551.183	45.892
36141	1639597 075	38.875
36142	1639635.950	50.150
36143	1639686.100	44.583
36144	1639730.683	44.800
36145	1639775.483	44.492
36146	1639819.975	46.542
36147	1639866 517	41.292
36148	1639907.808	49.058
36149	1639956.867	46.500
36150	1640003.367	46.108
36151	1640049 475	45 117
36152	1640094.592	44.792
36153	1640139.383	49.892
36154	1640189.275	39.575
36155	1640228 850	40.825
36156	1640269 675	46.033
36157	1640315.708	47.725
36158	1640363.433	46.183
36159	1640409.617	44.533
36160	1640454.150	49.358
36161	1640503.508	45.867
36162	1640549.375	44.117
36163	1640593.492	37.042
36164	1640630.533	49.117
36165	1640679.650	45.267
36166	1640724 917	31.733
36167	1640756.650	48.150
36168	1640804.800	45.850
36169	1640850.650	49.058
36170	1640899.708	29.108
36171	1640928.817	50.933
36172	1640979.750	48.750
36173	1641028.500	44.233
36174	1641072 733	48.033
36175	1641120.767	49.200
36176	1641169.967	45.442
36177	1641215.408	48.083
36178	1641263.492	48.508
36179	1641312.000	48.483
36180	1641360.483	49.683
36181	1641410 167	49.358
36182	1641459 525	50.575
36183	1641510.100	47.017
36184	1641557.117	32.208
36185	1641589.325	44.958
36186	1641634.283	45.325
36187	1641679.608	45.792
36188	1641725.400	49.492
36189	1641774.892	49.475
36190	1641824.367	45 325
36191	1641869.692	49 067
36192	1641918.758	46.542

Weld	Distance (ft.)	Joint Length (ft.)
36193	1641965.300	44.208
36194	1642009.508	45.517
36195	1642055.025	51.483
36196	1642106.508	48.792
36197	1642155.300	30.258
36198	1642185.558	33.892
36199	1642219.450	46.083
36200	1642265.533	44.925
36201	1642310.458	38.967
36202	1642349.425	45.383
36203	1642394.808	48.675
36204	1642443 483	47.042
36205	1642490.525	48.858
36206	1642539.383	47.642
36207	1642587.025	48.975
36208	1642636.000	49.192
36209	1642685.192	44.917
36210	1642730.108	48.075
36211	1642778.183	46.583
36212	1642824.767	47.300
36213	1642872.067	44 717
36214	1642916.783	45.525
36215	1642962 308	45.575
36216	1643007.883	46.225
36217	1643054.108	45.717
36218	1643099.825	46.058
36219	1643145.883	46.042
36220	1643191.925	49.967
36221	1643241.892	44 550
36222	1643286.442	39.733
36223	1643326 175	49.875
36224	1643376.050	45.658
36225	1643421.708	50.908
36226	1643472.617	49.142
36227	1643521.758	43.325
36228	1643565.083	44 508
36229	1643609.592	46.200
36230	1643655.792	48.692
36231	1643704.483	49.025
36232	1643753.508	45.950
36233	1643799.458	41.775
36234	1643841.233	48.592
36235	1643889.825	43 092
36236	1643932 917	47.075
36237	1643979.992	45.258
36238	1644025 250	49.625
36239	1644074.875	48.817
36240	1644123.692	44.783
36241	1644168.475	47 833
36242	1644216.308	33 450
36243	1644249.758	46.333
36244	1644296.092	46.400
36245	1644342.492	45.983
36246	1644388.475	49 633
36247	1644438.108	50.192
36248	1644488 300	33.217
36249	1644521 517	49.133
36250	1644570.650	45.042

Weld	Distance (ft.)	Joint Length (ft.)
36251	1644615.692	49.033
36252	1644664.725	44.442
36253	1644709.167	46.692
36254	1644755.858	39.458
36255	1644795.317	40.950
36256	1644836.267	45.425
36257	1644881.692	48.483
36258	1644930.175	47.267
36259	1644977.442	48.208
36260	1645025.650	48.792
36261	1645074.442	49.492
36262	1645123.933	48.100
36263	1645172.033	49.292
36264	1645221.325	49.383
36265	1645270.708	44.883
36266	1645315 592	49.792
36267	1645365 383	45.758
36268	1645411.142	49.317
36269	1645460.458	36.475
36270	1645496.933	11.717
36271	1645508.650	50 225
36272	1645558.875	46.275
36273	1645605.150	46.042
36274	1645651.192	49.233
36275	1645700.425	45.742
36276	1645746.167	50.508
36277	1645796.675	43.433
36278	1645840.108	48.417
36279	1645888.525	50 958
36280	1645939.483	49 133
36281	1645988.617	46.000
36282	1646034.617	35.092
36283	1646069.708	49.783
36284	1646119 492	47.450
36285	1646166.942	51.125
36286	1646218.067	45.117
36287	1646263.183	45.700
36288	1646308.883	46.725
36289	1646355.608	45.942
36290	1646401.550	49.142
36291	1646450.692	45.500
36292	1646496.192	1.983
36293	1646498.175	43.575
36294	1646541.750	41.650
36295	1646583.400	42.592
36296	1646625.992	41.442
36297	1646667.433	42.242
36298	1646709.675	42.258
36299	1646751.933	41.017
36300	1646792.950	42.383
36301	1646835.333	40.808
36302	1646876.142	41.408
36303	1646917.550	41.708
36304	1646959.258	39 517
36305	1646998.775	43 475
36306	1647042.250	42.458
36307	1647084.708	42.975
36308	1647127.683	42.567

Weld	Distance (ft.)	Joint Length (ft.)
36309	1647170.250	42.550
36310	1647212.800	42.750
36311	1647255.550	42.892
36312	1647298.442	44.025
36313	1647342.467	41.658
36314	1647384.125	43.525
36315	1647427.650	37.150
36316	1647464 800	40.100
36317	1647504.900	39.800
36318	1647544.700	42.492
36319	1647587.192	42.225
36320	1647629.417	40.083
36321	1647669.500	42.767
36322	1647712.267	42.842
36323	1647755.108	41.925
36324	1647797.033	42.883
36325	1647839.917	42.983
36326	1647882.900	42.958
36327	1647925.858	42.492
36328	1647968.350	44.367
36329	1648012.717	44.350
36330	1648057.067	41.933
36331	1648099.000	41.925
36332	1648140.925	41.525
36333	1648182.450	41.875
36334	1648224.325	42.383
36335	1648266 708	43.750
36336	1648310.458	44 492
36337	1648354.950	42.992
36338	1648397.942	42.725
36339	1648440.667	43.983
36340	1648484.650	42.625
36341	1648527.275	42.625
36342	1648569 900	43.150
36343	1648613.050	42.358
36344	1648655.408	43 008
36345	1648698.417	39.883
36346	1648738.300	42.075
36347	1648780.375	35.158
36348	1648815.533	43.325
36349	1648858.858	43.450
36350	1648902.308	32.950
36351	1648935.258	43.425
36352	1648978.683	39.433
36353	1649018.117	39.308
36354	1649057.425	41.383
36355	1649098.808	36.908
36356	1649135.717	44.017
36357	1649179.733	43.358
36358	1649223.092	33.450
36359	1649256.542	43.483
36360	1649300 025	37.317
36361	1649337.342	7.408
36362	1649344.750	41.500
36363	1649386.250	30.925
36364	1649417.175	30.375
36365	1649447.550	13.483
36366	1649461.033	6.167

Weld	Distance (ft.)	Joint Length (ft.)
36367	1649467.200	18.025
36368	1649485.225	30.217
36369	1649515.442	41.875
36370	1649557.317	43.967
36371	1649601.283	44.208
36372	1649645.492	43.142
36373	1649688.633	41.425
36374	1649730.058	36.583
36375	1649766.642	35.742
36376	1649802.383	42.508
36377	1649844.892	41.267
36378	1649886.158	42.433
36379	1649928.592	43 608
36380	1649972.200	38.950
36381	1650011.150	34.683
36382	1650045.833	43.267
36383	1650089 100	44.808
36384	1650133.908	44 400
36385	1650178.308	42 717
36386	1650221.025	42.500
36387	1650263.525	43.875
36388	1650307.400	44.892
36389	1650352.292	43 050
36390	1650395.342	42.217
36391	1650437.558	26.000
36392	1650463.558	42.342
36393	1650505.900	40.642
36394	1650546.542	43.467
36395	1650590.008	14.667
36396	1650604.675	2.283
36397	1650606 958	4.908
36398	1650611.867	2.308
36399	1650614.175	8.400
36400	1650622.575	42.925
36401	1650665.500	43.142
36402	1650708.642	44.267
36403	1650752.908	43.508
36404	1650796.417	43.692
36405	1650840 108	42.242
36406	1650882.350	32.042
36407	1650914.392	40.892
36408	1650955.283	35.575
36409	1650990 858	40.275
36410	1651031.133	35 725
36411	1651066.858	39.850
36412	1651106.708	44.050
36413	1651150.758	41 100
36414	1651191.858	43.858
36415	1651235.717	42.642
36416	1651278.358	42.700
36417	1651321.058	20.575
36418	1651341.633	2 025
36419	1651343.658	43.933
36420	1651387 592	46 267
36421	1651433.858	51.817
36422	1651485.675	46.100
36423	1651531.775	47.158
36424	1651578.933	45.350

Weld	Distance (ft.)	Joint Length (ft.)
36425	1651624.283	50.592
36426	1651674.875	49.267
36427	1651724.142	50.233
36428	1651774.375	43.050
36429	1651817.425	43.483
36430	1651860.908	45.383
36431	1651906 292	41.892
36432	1651948 183	49.683
36433	1651997.867	46.658
36434	1652044.525	37.717
36435	1652082.242	45.275
36436	1652127.517	48.592
36437	1652176.108	45.650
36438	1652221 758	42 442
36439	1652264.200	50.500
36440	1652314.700	47.383
36441	1652362.083	46.700
36442	1652408.783	47.775
36443	1652456.558	45.200
36444	1652501.758	50.075
36445	1652551.833	45.450
36446	1652597.283	45.983
36447	1652643.267	45.508
36448	1652688.775	51.808
36449	1652740.583	50.833
36450	1652791.417	49.825
36451	1652841.242	46.217
36452	1652887 458	47 875
36453	1652935 333	45 317
36454	1652980.650	44.650
36455	1653025.300	46.992
36456	1653072.292	40.183
36457	1653112 475	46 667
36458	1653159.142	45.908
36459	1653205.050	46.142
36460	1653251.192	47.508
36461	1653298 700	49 633
36462	1653348.333	50.817
36463	1653399.150	47.908
36464	1653447.058	47.125
36465	1653494.183	49.392
36466	1653543.575	45.492
36467	1653589.067	48.008
36468	1653637.075	48 917
36469	1653685.992	44.975
36470	1653730.967	48.275
36471	1653779.242	45 800
36472	1653825 042	45 592
36473	1653870 633	49.108
36474	1653919.742	45.683
36475	1653965.425	46.783
36476	1654012.208	45.817
36477	1654058 025	46 058
36478	1654104.083	46.642
36479	1654150.725	48 733
36480	1654199.458	44.492
36481	1654243.950	48.550
36482	1654292.500	43.242

Weld	Distance (ft.)	Joint Length (ft.)
36483	1654335 742	40.783
36484	1654376.525	43.308
36485	1654419 833	47.983
36486	1654467.817	44.425
36487	1654512.242	48.067
36488	1654560.308	48.425
36489	1654608.733	46.067
36490	1654654.800	48.075
36491	1654702.875	48.400
36492	1654751 275	45.458
36493	1654796.733	47.767
36494	1654844.500	47.275
36495	1654891.775	48.025
36496	1654939.800	45.817
36497	1654985.617	47.825
36498	1655033.442	48.633
36499	1655082.075	47.425
36500	1655129.500	45 683
36501	1655175.183	48 350
36502	1655223.533	33.758
36503	1655257.292	47.767
36504	1655305 058	42.533
36505	1655347.592	48.417
36506	1655396.008	43 142
36507	1655439.150	34 767
36508	1655473.917	48.658
36509	1655522.575	13.550
36510	1655536.125	25 917
36511	1655562.042	3.233
36512	1655565.275	19.000
36513	1655584 275	45.992
36514	1655630.267	47.550
36515	1655677.817	47 458
36516	1655725.275	47.867
36517	1655773.142	47.742
36518	1655820.883	48.242
36519	1655869.125	47 483
36520	1655916.608	45 467
36521	1655962 075	46.875
36522	1656008 950	44.308
36523	1656053 258	47.742
36524	1656101 000	49.175
36525	1656150.175	29.133
36526	1656179.308	46.733
36527	1656226.042	46.833
36528	1656272.875	47.417
36529	1656320.292	48.300
36530	1656368.592	46.650
36531	1656415.242	47.033
36532	1656462.275	46.242
36533	1656508.517	47.058
36534	1656555 575	46.825
36535	1656602.400	50.508
36536	1656652.908	47.467
36537	1656700.375	47.417
36538	1656747 792	47.108
36539	1656794 900	45.817
36540	1656840.717	47.717

Weld	Distance (ft.)	Joint Length (ft.)
36541	1656888.433	44 375
36542	1656932.808	40.475
36543	1656973.283	46.783
36544	1657020.067	46.500
36545	1657066.567	44.525
36546	1657111.092	46.017
36547	1657157.108	45.658
36548	1657202.767	48.258
36549	1657251.025	44.975
36550	1657296 000	45.633
36551	1657341 633	49.550
36552	1657391.183	45.550
36553	1657436.733	44.475
36554	1657481.208	43.300
36555	1657524.508	46.417
36556	1657570.925	47.342
36557	1657618 267	44.725
36558	1657662.992	48 175
36559	1657711.167	45 050
36560	1657756.217	51.183
36561	1657807.400	44.783
36562	1657852.183	49.583
36563	1657901.767	45.900
36564	1657947 667	49.158
36565	1657996 825	45.058
36566	1658041.883	49.367
36567	1658091.250	45.217
36568	1658136.467	49.175
36569	1658185.642	52.933
36570	1658238.575	42.517
36571	1658281.092	45.458
36572	1658326 550	45.850
36573	1658372.400	45 033
36574	1658417 433	50.508
36575	1658467.942	47.133
36576	1658515.075	46.992
36577	1658562.067	49.642
36578	1658611.708	49 158
36579	1658660.867	48.425
36580	1658709.292	49.008
36581	1658758.300	44.333
36582	1658802.633	47.050
36583	1658849.683	45 883
36584	1658895 567	42.358
36585	1658937.925	49 858
36586	1658987.783	48.242
36587	1659036.025	48.992
36588	1659085.017	49.792
36589	1659134.808	49.567
36590	1659184.375	49 300
36591	1659233.675	44.483
36592	1659278.158	52.500
36593	1659330.658	47.217
36594	1659377.875	44 892
36595	1659422 767	50.067
36596	1659472.833	33.892
36597	1659506.725	45.108
36598	1659551.833	46.050

Weld	Distance (ft.)	Joint Length (ft.)
36599	1659597.883	50.317
36600	1659648.200	46.800
36601	1659695.000	47 267
36602	1659742.267	49.750
36603	1659792.017	49 900
36604	1659841.917	46.483
36605	1659888.400	48.792
36606	1659937.192	49.208
36607	1659986.400	48.825
36608	1660035.225	49.092
36609	1660084.317	49.500
36610	1660133 817	47.317
36611	1660181.133	50 400
36612	1660231.533	50.000
36613	1660281.533	49.700
36614	1660331.233	48.750
36615	1660379.983	46.675
36616	1660426.658	44.950
36617	1660471.608	48.217
36618	1660519.825	46.867
36619	1660566.692	46 308
36620	1660613.000	48.300
36621	1660661.300	47.983
36622	1660709.283	47.308
36623	1660756.592	45.992
36624	1660802.583	49.408
36625	1660851.992	48.808
36626	1660900.800	47.600
36627	1660948.400	42.083
36628	1660990.483	50.858
36629	1661041.342	48.067
36630	1661089.408	47.800
36631	1661137.208	49.242
36632	1661186.450	47 983
36633	1661234.433	45.417
36634	1661279.850	49.042
36635	1661328.892	49.658
36636	1661378 550	49.733
36637	1661428.283	49.892
36638	1661478.175	40.117
36639	1661518.292	46.000
36640	1661564.292	50.650
36641	1661614 942	48.000
36642	1661662.942	51.525
36643	1661714.467	49.742
36644	1661764.208	50.633
36645	1661814.842	44.483
36646	1661859.325	46.992
36647	1661906.317	46 725
36648	1661953.042	45.592
36649	1661998.633	46.808
36650	1662045.442	47.308
36651	1662092.750	46.017
36652	1662138 767	47.633
36653	1662186.400	47.467
36654	1662233.867	46.825
36655	1662280.692	45.883
36656	1662326 575	46.117

Weld	Distance (ft.)	Joint Length (ft.)
36657	1662372.692	50.692
36658	1662423.383	48.042
36659	1662471.425	46.883
36660	1662518.308	46.367
36661	1662564.675	45.725
36662	1662610.400	45.650
36663	1662656.050	49.908
36664	1662705.958	46.925
36665	1662752.883	49.033
36666	1662801.917	51.008
36667	1662852.925	49.175
36668	1662902 100	39.158
36669	1662941.258	50.850
36670	1662992.108	44.767
36671	1663036.875	48.825
36672	1663085.700	38.508
36673	1663124.208	35.300
36674	1663159.508	42 225
36675	1663201.733	45 867
36676	1663247.600	50 067
36677	1663297.667	45.608
36678	1663343.275	49.608
36679	1663392.883	45.767
36680	1663438.650	45.267
36681	1663483.917	49 617
36682	1663533.533	44.158
36683	1663577.692	47.592
36684	1663625.283	46.058
36685	1663671.342	45.817
36686	1663717.158	45.083
36687	1663762.242	48.542
36688	1663810.783	46.042
36689	1663856 825	46 633
36690	1663903.458	46.358
36691	1663949.817	46.242
36692	1663996.058	46.458
36693	1664042.517	46 300
36694	1664088 817	45.758
36695	1664134.575	45.750
36696	1664180.325	46.683
36697	1664227.008	50.992
36698	1664278.000	46.033
36699	1664324.033	49.717
36700	1664373.750	49.608
36701	1664423.358	48.233
36702	1664471.592	44.225
36703	1664515.817	45.458
36704	1664561.275	50.500
36705	1664611.775	48 408
36706	1664660.183	46.433
36707	1664706.617	45.892
36708	1664752.508	49.217
36709	1664801.725	41.150
36710	1664842.875	44.508
36711	1664887.383	48.567
36712	1664935.950	45.625
36713	1664981.575	46.683
36714	1665028.258	45.100

Weld	Distance (ft.)	Joint Length (ft.)
36715	1665073.358	45.475
36716	1665118.833	3.750
36717	1665122.583	39.175
36718	1665161.758	43 250
36719	1665205.008	47.433
36720	1665252.442	49.750
36721	1665302.192	43.292
36722	1665345.483	9.025
36723	1665354.508	2.075
36724	1665356.583	4.492
36725	1665361.075	2.058
36726	1665363.133	32.600
36727	1665395.733	45.083
36728	1665440.817	49 375
36729	1665490.192	43.017
36730	1665533.208	46.933
36731	1665580.142	43.417
36732	1665623.558	46.833
36733	1665670.392	42.883
36734	1665713.275	50.358
36735	1665763.633	47.367
36736	1665811.000	47.517
36737	1665858 517	46.892
36738	1665905.408	47.750
36739	1665953.158	45.575
36740	1665998.733	46.317
36741	1666045 050	44 008
36742	1666089.058	47 433
36743	1666136.492	46.375
36744	1666182.867	46.142
36745	1666229 008	49.583
36746	1666278.592	51.258
36747	1666329.850	46.633
36748	1666376.483	35.567
36749	1666412.050	44.517
36750	1666456.567	49.917
36751	1666506.483	46.542
36752	1666553.025	46.758
36753	1666599.783	49.058
36754	1666648.842	44.967
36755	1666693.808	46.358
36756	1666740.167	46.575
36757	1666786.742	47.233
36758	1666833.975	47.233
36759	1666881.208	47.767
36760	1666928.975	51.442
36761	1666980.417	46.367
36762	1667026.783	47.950
36763	1667074 733	47.558
36764	1667122.292	45.800
36765	1667168.092	48.375
36766	1667216.467	46 958
36767	1667263.425	46 317
36768	1667309.742	46.375
36769	1667356 117	48.067
36770	1667404 183	46.825
36771	1667451.008	47 150
36772	1667498.158	48.725

Weld	Distance (ft.)	Joint Length (ft.)
36773	1667546.883	40 442
36774	1667587.325	47.808
36775	1667635.133	45.142
36776	1667680.275	45.683
36777	1667725 958	42.708
36778	1667768.667	45.242
36779	1667813.908	46.658
36780	1667860.567	48.183
36781	1667908.750	40.358
36782	1667949.108	46.758
36783	1667995.867	44.250
36784	1668040.117	43.625
36785	1668083.742	45.008
36786	1668128.750	46.983
36787	1668175.733	44.917
36788	1668220.650	43.600
36789	1668264.250	45.458
36790	1668309.708	43.917
36791	1668353.625	46.050
36792	1668399.675	43.758
36793	1668443 433	48.692
36794	1668492.125	39.242
36795	1668531.367	43.700
36796	1668575.067	46.742
36797	1668621 808	34.458
36798	1668656.267	49 475
36799	1668705.742	43.325
36800	1668749.067	45.525
36801	1668794.592	47.142
36802	1668841.733	46.458
36803	1668888.192	47.058
36804	1668935.250	45.583
36805	1668980.833	46.567
36806	1669027.400	46 508
36807	1669073.908	46.033
36808	1669119.942	43.508
36809	1669163.450	48.842
36810	1669212 292	47.625
36811	1669259.917	45.167
36812	1669305.083	47.892
36813	1669352.975	43.892
36814	1669396 867	46 217
36815	1669443.083	45.367
36816	1669488 450	47.417
36817	1669535.867	42.958
36818	1669578.825	48.217
36819	1669627.042	49.625
36820	1669676.667	48.358
36821	1669725.025	46 025
36822	1669771.050	46 000
36823	1669817.050	46.708
36824	1669863.758	46.842
36825	1669910.600	48.558
36826	1669959.158	47.150
36827	1670006.308	45.375
36828	1670051 683	47 175
36829	1670098 858	44.533
36830	1670143.392	46.567

Weld	Distance (ft.)	Joint Length (ft.)
36831	1670189.958	48.992
36832	1670238.950	37.050
36833	1670276.000	47.800
36834	1670323.800	48.117
36835	1670371.917	47.692
36836	1670419.608	46 108
36837	1670465.717	47 292
36838	1670513.008	43.092
36839	1670556.100	42.817
36840	1670598 917	48.908
36841	1670647.825	48.442
36842	1670696.267	48.492
36843	1670744.758	50.400
36844	1670795.158	46 492
36845	1670841.650	47.900
36846	1670889.550	42.583
36847	1670932 133	47.450
36848	1670979.583	49.242
36849	1671028.825	47.742
36850	1671076.567	43.350
36851	1671119 917	45.583
36852	1671165.500	46.825
36853	1671212.325	43 758
36854	1671256 083	46.250
36855	1671302.333	47.533
36856	1671349.867	50.775
36857	1671400.642	44.592
36858	1671445.233	47.017
36859	1671492.250	46.800
36860	1671539 050	48.883
36861	1671587.933	50.250
36862	1671638.183	48.592
36863	1671686 775	47.342
36864	1671734.117	45.458
36865	1671779.575	47 733
36866	1671827.308	48 250
36867	1671875 558	46.592
36868	1671922.150	47.008
36869	1671969.158	48.917
36870	1672018.075	50.925
36871	1672069 000	47.008
36872	1672116.008	44.408
36873	1672160.417	48.683
36874	1672209.100	48.867
36875	1672257.967	45.567
36876	1672303.533	47.367
36877	1672350.900	47 267
36878	1672398.167	35.367
36879	1672433.533	48.358
36880	1672481.892	47.425
36881	1672529.317	48.683
36882	1672578.000	46.433
36883	1672624.433	46.658
36884	1672671.092	46.200
36885	1672717.292	46.450
36886	1672763.742	46.942
36887	1672810.683	46.317
36888	1672857.000	47.017

Weld	Distance (ft.)	Joint Length (ft.)
36889	1672904 017	47.142
36890	1672951.158	45.117
36891	1672996.275	49.392
36892	1673045 667	47.308
36893	1673092 975	45.092
36894	1673138.067	47.758
36895	1673185.825	48.967
36896	1673234.792	43.383
36897	1673278.175	46.267
36898	1673324.442	46.950
36899	1673371.392	41.683
36900	1673413.075	48.600
36901	1673461.675	47.017
36902	1673508.692	42.558
36903	1673551.250	48.000
36904	1673599 250	48.550
36905	1673647.800	49.783
36906	1673697 583	49.167
36907	1673746 750	34 717
36908	1673781.467	49 708
36909	1673831.175	48.483
36910	1673879.658	44.208
36911	1673923.867	48.767
36912	1673972.633	48.100
36913	1674020.733	44.058
36914	1674064 792	45.733
36915	1674110 525	44.225
36916	1674154.750	47.258
36917	1674202.008	45 308
36918	1674247.317	46.050
36919	1674293.367	47.367
36920	1674340.733	47.308
36921	1674388.042	46.367
36922	1674434.408	46.008
36923	1674480.417	45 258
36924	1674525.675	45 958
36925	1674571.633	45.408
36926	1674617.042	45.850
36927	1674662.892	45.858
36928	1674708.750	47.275
36929	1674756.025	48.192
36930	1674804 217	46.600
36931	1674850.817	46 767
36932	1674897.583	45.975
36933	1674943.558	44.383
36934	1674987.942	45.400
36935	1675033 342	45.617
36936	1675078 958	43.992
36937	1675122 950	45.442
36938	1675168.392	46 167
36939	1675214.558	49.883
36940	1675264.442	47.758
36941	1675312 200	42.783
36942	1675354 983	40.275
36943	1675395.258	44.408
36944	1675439.667	50 342
36945	1675490.008	48.842
36946	1675538.850	42.092

Weld	Distance (ft.)	Joint Length (ft.)
36947	1675580.942	48 233
36948	1675629.175	46.758
36949	1675675.933	44.250
36950	1675720.183	41.017
36951	1675761.200	47.992
36952	1675809.192	49.217
36953	1675858.408	43.250
36954	1675901.658	45.383
36955	1675947.042	49.450
36956	1675996.492	48.425
36957	1676044.917	46.100
36958	1676091.017	45.475
36959	1676136.492	45.842
36960	1676182.333	42.475
36961	1676224.808	45 408
36962	1676270.217	45.258
36963	1676315.475	46.442
36964	1676361.917	46.067
36965	1676407.983	41.233
36966	1676449 217	46.742
36967	1676495.958	47.025
36968	1676542.983	46.592
36969	1676589.575	51.258
36970	1676640.833	49.750
36971	1676690.583	45 525
36972	1676736.108	46.808
36973	1676782.917	46.517
36974	1676829.433	46.092
36975	1676875.525	49.408
36976	1676924.933	46.067
36977	1676971.000	46 683
36978	1677017.683	42.742
36979	1677060.425	46 408
36980	1677106.833	45.508
36981	1677152.342	46.600
36982	1677198.942	45.192
36983	1677244 133	45.292
36984	1677289.425	49.050
36985	1677338.475	47.150
36986	1677385.625	46.075
36987	1677431.700	46.500
36988	1677478.200	38.375
36989	1677516.575	45.408
36990	1677561.983	47.867
36991	1677609.850	47.250
36992	1677657.100	46.308
36993	1677703.408	49.033
36994	1677752.442	43.017
36995	1677795.458	46.650
36996	1677842.108	45.792
36997	1677887.900	46.225
36998	1677934.125	50.225
36999	1677984.350	45 450
37000	1678029.800	48.775
37001	1678078.575	49.825
37002	1678128.400	46.258
37003	1678174 658	50.358
37004	1678225.017	44.042

Weld	Distance (ft.)	Joint Length (ft.)
37005	1678269 058	47.317
37006	1678316.375	49.200
37007	1678365.575	49.633
37008	1678415.208	49 458
37009	1678464.667	50.233
37010	1678514.900	47.175
37011	1678562.075	48.450
37012	1678610.525	48.558
37013	1678659.083	50.133
37014	1678709.217	43.200
37015	1678752.417	47.683
37016	1678800.100	50.317
37017	1678850.417	49.217
37018	1678899.633	50.300
37019	1678949.933	48.150
37020	1678998.083	48.808
37021	1679046.892	49.258
37022	1679096.150	51 367
37023	1679147.517	48.550
37024	1679196.067	49.867
37025	1679245.933	46.450
37026	1679292.383	45.192
37027	1679337.575	49.708
37028	1679387.283	49.492
37029	1679436.775	46.125
37030	1679482.900	43.200
37031	1679526.100	49.800
37032	1679575.900	47.942
37033	1679623.842	49.733
37034	1679673.575	50.633
37035	1679724.208	48.842
37036	1679773.050	50.392
37037	1679823.442	50 042
37038	1679873.483	48.842
37039	1679922.325	48.358
37040	1679970.683	49.500
37041	1680020.183	48.425
37042	1680068.608	50.408
37043	1680119.017	49.183
37044	1680168.200	47.517
37045	1680215.717	49.050
37046	1680264.767	44.892
37047	1680309.658	49.783
37048	1680359.442	49.958
37049	1680409.400	44.492
37050	1680453.892	49.817
37051	1680503.708	49.450
37052	1680553.158	48 408
37053	1680601.567	50.033
37054	1680651.600	47.258
37055	1680698.858	46.325
37056	1680745 183	44.733
37057	1680789 917	49.883
37058	1680839 800	49.092
37059	1680888.892	49.750
37060	1680938.642	46.283
37061	1680984.925	44.950
37062	1681029.875	49.142

Weld	Distance (ft.)	Joint Length (ft.)
37063	1681079.017	50.017
37064	1681129.033	50 483
37065	1681179 517	46.525
37066	1681226.042	50.508
37067	1681276.550	48.392
37068	1681324.942	49.575
37069	1681374.517	48.317
37070	1681422.833	50.450
37071	1681473.283	49.200
37072	1681522.483	48.483
37073	1681570.967	47.375
37074	1681618 342	49.700
37075	1681668.042	48.867
37076	1681716.908	48.150
37077	1681765.058	49.950
37078	1681815.008	49.542
37079	1681864.550	48.367
37080	1681912.917	46.108
37081	1681959 025	47 867
37082	1682006.892	45.867
37083	1682052.758	47.633
37084	1682100.392	49.100
37085	1682149.492	51.150
37086	1682200.642	48.808
37087	1682249.450	43.025
37088	1682292.475	49.650
37089	1682342.125	46.542
37090	1682388.667	46.600
37091	1682435.267	45.925
37092	1682481.192	49.575
37093	1682530.767	50.317
37094	1682581.083	46.317
37095	1682627.400	45.125
37096	1682672.525	47.350
37097	1682719.875	45.917
37098	1682765.792	46.417
37099	1682812.208	44.633
37100	1682856.842	47.767
37101	1682904 608	46.917
37102	1682951.525	48.758
37103	1683000.283	40.467
37104	1683040.750	46 017
37105	1683086.767	45.083
37106	1683131.850	44.525
37107	1683176.375	47.675
37108	1683224.050	46.608
37109	1683270.658	44.008
37110	1683314.667	49.200
37111	1683363.867	45.725
37112	1683409.592	45.000
37113	1683454.592	46.008
37114	1683500.600	49.467
37115	1683550.067	49.942
37116	1683600.008	48.175
37117	1683648.183	45.658
37118	1683693 842	47 367
37119	1683741 208	45.517
37120	1683786.725	47.700

Weld	Distance (ft.)	Joint Length (ft.)
37121	1683834 425	48.150
37122	1683882.575	34 800
37123	1683917.375	48 042
37124	1683965.417	48.267
37125	1684013.683	51.492
37126	1684065.175	48.233
37127	1684113.408	45.742
37128	1684159.150	47.933
37129	1684207.083	50.992
37130	1684258.075	51 242
37131	1684309.317	44 442
37132	1684353.758	47.033
37133	1684400.792	50.400
37134	1684451.192	50.475
37135	1684501.667	46.492
37136	1684548 158	51.375
37137	1684599.533	48.233
37138	1684647.767	49.700
37139	1684697.467	41.850
37140	1684739.317	47 742
37141	1684787.058	51.292
37142	1684838.350	40.842
37143	1684879 192	44.675
37144	1684923 867	48.233
37145	1684972.100	44.667
37146	1685016.767	47.217
37147	1685063.983	51.267
37148	1685115 250	47.775
37149	1685163 025	47.025
37150	1685210.050	50 783
37151	1685260.833	46 458
37152	1685307.292	48 258
37153	1685355.550	46.183
37154	1685401.733	37.233
37155	1685438.967	49.908
37156	1685488 875	47.833
37157	1685536.708	45.375
37158	1685582.083	48.625
37159	1685630 708	47.967
37160	1685678.675	42 617
37161	1685721.292	51.325
37162	1685772.617	49.717
37163	1685822.333	46.342
37164	1685868 675	47 292
37165	1685915.967	47 825
37166	1685963.792	46.450
37167	1686010.242	48.033
37168	1686058.275	48.633
37169	1686106 908	46.817
37170	1686153.725	49 808
37171	1686203.533	50.283
37172	1686253 817	47.950
37173	1686301.767	46.083
37174	1686347.850	47.550
37175	1686395.400	47.025
37176	1686442.425	48.133
37177	1686490.558	48.142
37178	1686538.700	47.283

Weld	Distance (ft.)	Joint Length (ft.)
37179	1686585.983	40.950
37180	1686626.933	48.942
37181	1686675.875	49.142
37182	1686725 017	47.433
37183	1686772.450	49.975
37184	1686822.425	45.592
37185	1686868.017	49.783
37186	1686917.800	49.942
37187	1686967.742	47.475
37188	1687015.217	47.275
37189	1687062.492	42.950
37190	1687105.442	46.733
37191	1687152.175	45.742
37192	1687197.917	49 800
37193	1687247.717	47.158
37194	1687294.875	44 633
37195	1687339.508	37.392
37196	1687376.900	45.233
37197	1687422.133	50.225
37198	1687472.358	47.217
37199	1687519.575	47.550
37200	1687567 125	49.725
37201	1687616.850	48 233
37202	1687665.083	48.692
37203	1687713.775	45.167
37204	1687758.942	48.067
37205	1687807.008	45 658
37206	1687852.667	47 525
37207	1687900.192	49 567
37208	1687949.758	46.292
37209	1687996 050	46.325
37210	1688042 375	48.592
37211	1688090.967	48.950
37212	1688139.917	46 467
37213	1688186.383	45.758
37214	1688232.142	45.700
37215	1688277 842	50.717
37216	1688328.558	44.867
37217	1688373.425	46.417
37218	1688419.842	46.117
37219	1688465.958	44.083
37220	1688510.042	44.350
37221	1688554.392	42 308
37222	1688596.700	45 033
37223	1688641.733	46.242
37224	1688687.975	43.533
37225	1688731.508	44.817
37226	1688776.325	49 383
37227	1688825.708	47.983
37228	1688873.692	51.733
37229	1688925.425	46.367
37230	1688971.792	48 217
37231	1689020 008	38.300
37232	1689058.308	50.400
37233	1689108 708	49.683
37234	1689158.392	48 483
37235	1689206.875	48.808
37236	1689255 683	48.825

Weld	Distance (ft.)	Joint Length (ft.)
37237	1689304.508	45 500
37238	1689350.008	47.783
37239	1689397.792	46.408
37240	1689444.200	49.117
37241	1689493.317	48.625
37242	1689541.942	48.425
37243	1689590.367	50.425
37244	1689640 792	47.800
37245	1689688.592	49.675
37246	1689738.267	37.367
37247	1689775.633	44.017
37248	1689819 650	50.767
37249	1689870.417	49.967
37250	1689920.383	50 358
37251	1689970.742	47.792
37252	1690018.533	47.367
37253	1690065.900	50 583
37254	1690116.483	49 950
37255	1690166.433	51.175
37256	1690217 608	41.808
37257	1690259.417	42.483
37258	1690301 900	51.192
37259	1690353.092	49.925
37260	1690403.017	50.333
37261	1690453.350	51.325
37262	1690504.675	49.975
37263	1690554.650	50.542
37264	1690605.192	50.292
37265	1690655 483	50.883
37266	1690706 367	51.433
37267	1690757 800	51.517
37268	1690809.317	50.175
37269	1690859.492	47.558
37270	1690907.050	46.408
37271	1690953 458	46.092
37272	1690999.550	46.342
37273	1691045 892	46.733
37274	1691092.625	50.808
37275	1691143.433	45.842
37276	1691189.275	49.417
37277	1691238.692	46.467
37278	1691285.158	47.142
37279	1691332.300	45.858
37280	1691378 158	48.592
37281	1691426.750	50.050
37282	1691476.800	48.608
37283	1691525.408	47 575
37284	1691572.983	48.450
37285	1691621.433	46.158
37286	1691667 592	49.225
37287	1691716 817	49.725
37288	1691766.542	48.808
37289	1691815.350	44.942
37290	1691860.292	48.967
37291	1691909.258	46.075
37292	1691955.333	50.317
37293	1692005.650	42.808
37294	1692048.458	37.692

Weld	Distance (ft.)	Joint Length (ft.)
37295	1692086.150	43.150
37296	1692129.300	45.833
37297	1692175.133	49.325
37298	1692224.458	48.925
37299	1692273.383	49.475
37300	1692322.858	46 225
37301	1692369 083	48 008
37302	1692417.092	49.617
37303	1692466.708	49.783
37304	1692516.492	44.125
37305	1692560.617	45.925
37306	1692606.542	48.667
37307	1692655.208	46.892
37308	1692702.100	50.300
37309	1692752.400	46.992
37310	1692799.392	50.158
37311	1692849.550	50.225
37312	1692899.775	46.583
37313	1692946.358	39.958
37314	1692986.317	45.858
37315	1693032.175	46.633
37316	1693078.808	44.858
37317	1693123.667	50.208
37318	1693173.875	49.917
37319	1693223.792	49.667
37320	1693273.458	44.650
37321	1693318.108	44.683
37322	1693362.792	46.317
37323	1693409.108	49.208
37324	1693458.317	47.792
37325	1693506.108	49.108
37326	1693555.217	47.183
37327	1693602.400	52.342
37328	1693654.742	43 925
37329	1693698.667	46.642
37330	1693745.308	47.042
37331	1693792.350	44.333
37332	1693836.683	49.400
37333	1693886.083	45.842
37334	1693931.925	46.008
37335	1693977.933	44 017
37336	1694021.950	46 733
37337	1694068.683	46.475
37338	1694115.158	49.375
37339	1694164.533	46.408
37340	1694210.942	49.383
37341	1694260.325	48.550
37342	1694308.875	49 208
37343	1694358 083	47.233
37344	1694405.317	44.267
37345	1694449.583	46.033
37346	1694495.617	48 692
37347	1694544.308	46 808
37348	1694591.117	47 075
37349	1694638.192	45.017
37350	1694683.208	45.517
37351	1694728.725	50.225
37352	1694778.950	44.075

Weld	Distance (ft.)	Joint Length (ft.)
37353	1694823.025	43.225
37354	1694866.250	45.858
37355	1694912.108	42.275
37356	1694954.383	50.392
37357	1695004.775	46.508
37358	1695051.283	47.808
37359	1695099.092	46.100
37360	1695145.192	45.400
37361	1695190.592	46.550
37362	1695237.142	43.267
37363	1695280.408	46 150
37364	1695326.558	46.733
37365	1695373.292	45.642
37366	1695418.933	46.425
37367	1695465.358	44.933
37368	1695510.292	51.042
37369	1695561.333	47.075
37370	1695608.408	46.575
37371	1695654.983	48.367
37372	1695703 350	51.125
37373	1695754.475	47.050
37374	1695801.525	45.658
37375	1695847.183	49.242
37376	1695896.425	47.658
37377	1695944.083	49.008
37378	1695993.092	47.700
37379	1696040.792	49.800
37380	1696090.592	50.008
37381	1696140.600	50.167
37382	1696190.767	47 392
37383	1696238.158	47 092
37384	1696285.250	45.492
37385	1696330.742	47.058
37386	1696377.800	45.567
37387	1696423.367	45.650
37388	1696469.017	47.467
37389	1696516.483	44.325
37390	1696560.808	48 408
37391	1696609.217	46.558
37392	1696655.775	45.883
37393	1696701.658	45.817
37394	1696747.475	46.575
37395	1696794.050	46.275
37396	1696840.325	48.392
37397	1696888.717	44.908
37398	1696933.625	48.333
37399	1696981.958	45.967
37400	1697027.925	47.717
37401	1697075.642	49.833
37402	1697125 475	48.117
37403	1697173.592	46.800
37404	1697220.392	48.500
37405	1697268.892	47.317
37406	1697316.208	47.500
37407	1697363.708	47.075
37408	1697410.783	47.608
37409	1697458.392	46 767
37410	1697505.158	44.558

Weld	Distance (ft.)	Joint Length (ft.)
37411	1697549.717	45 225
37412	1697594 942	47.450
37413	1697642.392	48.525
37414	1697690.917	49.733
37415	1697740.650	46.208
37416	1697786.858	45.600
37417	1697832.458	44.408
37418	1697876.867	44.883
37419	1697921 750	47.417
37420	1697969 167	47.483
37421	1698016 650	48.850
37422	1698065.500	48.167
37423	1698113.667	45.908
37424	1698159.575	47.575
37425	1698207.150	46.842
37426	1698253 992	46.142
37427	1698300 133	48 325
37428	1698348.458	45.675
37429	1698394.133	49.467
37430	1698443.600	45.192
37431	1698488.792	46.758
37432	1698535 550	44.967
37433	1698580.517	46.425
37434	1698626.942	46.433
37435	1698673.375	49.367
37436	1698722.742	45.975
37437	1698768.717	42.850
37438	1698811.567	49.875
37439	1698861.442	48.725
37440	1698910.167	45.933
37441	1698956.100	48.117
37442	1699004.217	46.658
37443	1699050.875	50.833
37444	1699101.708	47.867
37445	1699149.575	46.908
37446	1699196.483	50.025
37447	1699246 508	51.025
37448	1699297 533	44.775
37449	1699342.308	45 192
37450	1699387.500	44.958
37451	1699432.458	50.267
37452	1699482.725	47.067
37453	1699529.792	45 967
37454	1699575.758	48.050
37455	1699623 808	47.458
37456	1699671 267	49.392
37457	1699720.658	47.350
37458	1699768.008	43.533
37459	1699811 542	50.450
37460	1699861 992	46.292
37461	1699908.283	45.167
37462	1699953.450	46.208
37463	1699999.658	46.692
37464	1700046 350	51.075
37465	1700097.425	50.167
37466	1700147.592	51 092
37467	1700198.683	51.167
37468	1700249 850	46.033

Weld	Distance (ft.)	Joint Length (ft.)
37469	1700295.883	47.958
37470	1700343.842	49.167
37471	1700393.008	45.200
37472	1700438.208	51.117
37473	1700489 325	45.950
37474	1700535.275	48 817
37475	1700584.092	45 225
37476	1700629.317	50 975
37477	1700680.292	51.583
37478	1700731.875	50.792
37479	1700782.667	47.925
37480	1700830.592	51.100
37481	1700881.692	48.508
37482	1700930 200	51.833
37483	1700982.033	47 700
37484	1701029 733	48.983
37485	1701078.717	50.742
37486	1701129.458	51.292
37487	1701180.750	50.558
37488	1701231.308	50.692
37489	1701282.000	48 408
37490	1701330 408	48.133
37491	1701378.542	44.300
37492	1701422.842	44.842
37493	1701467.683	49.125
37494	1701516.808	51.375
37495	1701568 183	47.225
37496	1701615 408	49.100
37497	1701664.508	48 308
37498	1701712.817	46.192
37499	1701759 008	49.242
37500	1701808.250	48.308
37501	1701856 558	48.733
37502	1701905.292	51.692
37503	1701956.983	49.983
37504	1702006.967	47.683
37505	1702054.650	46.383
37506	1702101.033	49.517
37507	1702150.550	45.892
37508	1702196.442	44.058
37509	1702240.500	47.800
37510	1702288 300	43.983
37511	1702332.283	46.267
37512	1702378.550	46.308
37513	1702424.858	45.950
37514	1702470.808	46.350
37515	1702517.158	42.742
37516	1702559.900	44.683
37517	1702604.583	45.092
37518	1702649 675	43 750
37519	1702693.425	48.050
37520	1702741.475	43.200
37521	1702784.675	44.875
37522	1702829.550	47.450
37523	1702877 000	45 200
37524	1702922.200	45 042
37525	1702967.242	47.133
37526	1703014.375	39.608

Weld	Distance (ft.)	Joint Length (ft.)
37527	1703053.983	46.125
37528	1703100.108	49.217
37529	1703149.325	45.417
37530	1703194.742	48.850
37531	1703243.592	47.525
37532	1703291.117	47.800
37533	1703338.917	48.550
37534	1703387.467	48.675
37535	1703436.142	47.950
37536	1703484.092	48.583
37537	1703532 675	46.258
37538	1703578 933	48.967
37539	1703627.900	48.150
37540	1703676.050	47.833
37541	1703723.883	47.733
37542	1703771.617	47.650
37543	1703819.267	48.683
37544	1703867.950	48.792
37545	1703916.742	50.542
37546	1703967.283	48 992
37547	1704016.275	48.142
37548	1704064.417	48.817
37549	1704113.233	48.592
37550	1704161.825	49.450
37551	1704211.275	48.633
37552	1704259.908	48.925
37553	1704308.833	48.225
37554	1704357.058	49.150
37555	1704406.208	49.575
37556	1704455 783	46.458
37557	1704502.242	47 042
37558	1704549.283	48.517
37559	1704597.800	41.825
37560	1704639.625	42.025
37561	1704681 650	48.908
37562	1704730 558	48.517
37563	1704779.075	49.300
37564	1704828.375	49.208
37565	1704877.583	45.342
37566	1704922 925	50.642
37567	1704973 567	44.158
37568	1705017.725	49.083
37569	1705066.808	50.242
37570	1705117 050	47.217
37571	1705164.267	50.425
37572	1705214.692	47.117
37573	1705261.808	47.650
37574	1705309.458	46.842
37575	1705356.300	45.158
37576	1705401 458	50 058
37577	1705451.517	49.883
37578	1705501.400	47.975
37579	1705549.375	45.375
37580	1705594.750	45.308
37581	1705640.058	44 367
37582	1705684.425	45 475
37583	1705729.900	48.167
37584	1705778.067	47.383

Weld	Distance (ft.)	Joint Length (ft.)
37585	1705825.450	47.008
37586	1705872.458	45.417
37587	1705917.875	43.100
37588	1705960.975	50.058
37589	1706011.033	44.925
37590	1706055 958	44.417
37591	1706100 375	45 917
37592	1706146 292	44.900
37593	1706191.192	45.592
37594	1706236.783	47.217
37595	1706284.000	44.708
37596	1706328.708	43.625
37597	1706372.333	44 458
37598	1706416.792	48.742
37599	1706465.533	49.058
37600	1706514.592	47.442
37601	1706562.033	45.433
37602	1706607.467	43.583
37603	1706651.050	45.242
37604	1706696.292	48 375
37605	1706744 667	50 183
37606	1706794 850	49.492
37607	1706844.342	44.008
37608	1706888.350	47.200
37609	1706935.550	49.567
37610	1706985.117	49.142
37611	1707034 258	48.650
37612	1707082 908	47.017
37613	1707129 925	50.267
37614	1707180.192	43.642
37615	1707223.833	44 342
37616	1707268.175	44.950
37617	1707313.125	49.783
37618	1707362.908	45.900
37619	1707408.808	47.925
37620	1707456.733	47.017
37621	1707503 750	48.425
37622	1707552.175	49 108
37623	1707601.283	48.483
37624	1707649.767	44.283
37625	1707694.050	46.217
37626	1707740.267	45.600
37627	1707785.867	49.225
37628	1707835 092	49.308
37629	1707884.400	49 692
37630	1707934.092	34.492
37631	1707968.583	50.125
37632	1708018.708	48.908
37633	1708067.617	49.642
37634	1708117 258	50.117
37635	1708167 375	45.967
37636	1708213.342	49 150
37637	1708262.492	48.142
37638	1708310.633	49.442
37639	1708360.075	47.242
37640	1708407 317	44.825
37641	1708452.142	48 550
37642	1708500.692	46 250

Weld	Distance (ft.)	Joint Length (ft.)
37643	1708546.942	42.650
37644	1708589.592	48.617
37645	1708638.208	47.275
37646	1708685.483	48.158
37647	1708733.642	46.675
37648	1708780.317	46.975
37649	1708827.292	49.283
37650	1708876.575	48.275
37651	1708924.850	44.550
37652	1708969.400	45.267
37653	1709014.667	44.942
37654	1709059.608	49 075
37655	1709108.683	50.858
37656	1709159 542	48 942
37657	1709208.483	48 483
37658	1709256.967	43.442
37659	1709300.408	34.725
37660	1709335.133	48.908
37661	1709384.042	47.600
37662	1709431.642	47.067
37663	1709478.708	48.417
37664	1709527.125	47 992
37665	1709575.117	46.583
37666	1709621 700	43.575
37667	1709665.275	46.850
37668	1709712.125	48.700
37669	1709760.825	48.992
37670	1709809.817	47.975
37671	1709857.792	49.183
37672	1709906.975	48.608
37673	1709955.583	41.450
37674	1709997.033	49.425
37675	1710046.458	44.392
37676	1710090.850	42.392
37677	1710133.242	47.525
37678	1710180.767	45.742
37679	1710226.508	42.692
37680	1710269 200	32.167
37681	1710301.367	43.450
37682	1710344.817	47.225
37683	1710392.042	48.408
37684	1710440.450	39.525
37685	1710479.975	42.508
37686	1710522.483	34.075
37687	1710556.558	50.608
37688	1710607.167	47.242
37689	1710654.408	47.508
37690	1710701.917	51.067
37691	1710752.983	44.550
37692	1710797.533	50 083
37693	1710847.617	43.742
37694	1710891 358	49.842
37695	1710941.200	49.850
37696	1710991.050	48.692
37697	1711039.742	45.583
37698	1711085.325	49.767
37699	1711135.092	45.708
37700	1711180.800	50.417

Weld	Distance (ft.)	Joint Length (ft.)
37701	1711231.217	50.083
37702	1711281.300	50.875
37703	1711332.175	49.925
37704	1711382.100	49.033
37705	1711431.133	49.350
37706	1711480.483	48.450
37707	1711528.933	49.400
37708	1711578.333	49.208
37709	1711627.542	49.908
37710	1711677.450	48 992
37711	1711726.442	47.508
37712	1711773.950	48.883
37713	1711822.833	49.650
37714	1711872.483	50.700
37715	1711923.183	49.325
37716	1711972.508	46.383
37717	1712018.892	47.167
37718	1712066.058	51.283
37719	1712117.342	46.525
37720	1712163.867	47.350
37721	1712211.217	48.125
37722	1712259.342	24.192
37723	1712283.533	1.983
37724	1712285.517	40.017
37725	1712325.533	41.292
37726	1712366.825	43.500
37727	1712410.325	42.325
37728	1712452.650	40 025
37729	1712492.675	24.100
37730	1712516.775	21.667
37731	1712538.442	43.517
37732	1712581.958	41.758
37733	1712623.717	40.908
37734	1712664 625	43.417
37735	1712708.042	44.283
37736	1712752.325	37 433
37737	1712789.758	1.992
37738	1712791.750	44.233
37739	1712835.983	49.400
37740	1712885.383	46.300
37741	1712931.683	50.542
37742	1712982.225	46.142
37743	1713028.367	46.417
37744	1713074.783	46.650
37745	1713121.433	23.783
37746	1713145.217	49.675
37747	1713194 892	1.917
37748	1713196.808	45 525
37749	1713242.333	50 108
37750	1713292.442	49.492
37751	1713341.933	47.042
37752	1713388.975	46.175
37753	1713435.150	45.775
37754	1713480.925	48.467
37755	1713529.392	46.650
37756	1713576.042	49.200
37757	1713625.242	45.900
37758	1713671.142	44.783

Weld	Distance (ft.)	Joint Length (ft.)
37759	1713715.925	44.958
37760	1713760 883	47.233
37761	1713808 117	46.833
37762	1713854.950	46.075
37763	1713901 025	43.667
37764	1713944 692	44.375
37765	1713989.067	44.208
37766	1714033.275	45.733
37767	1714079.008	45.467
37768	1714124.475	43.625
37769	1714168.100	47.975
37770	1714216.075	45.592
37771	1714261.667	44.817
37772	1714306 483	46.050
37773	1714352.533	45.367
37774	1714397 900	43 650
37775	1714441.550	46.350
37776	1714487.900	43 467
37777	1714531.367	47.258
37778	1714578.625	45.675
37779	1714624.300	48.833
37780	1714673.133	45.858
37781	1714718.992	44.408
37782	1714763.400	46.108
37783	1714809.508	46.867
37784	1714856.375	50.833
37785	1714907.208	45.058
37786	1714952.267	48.400
37787	1715000 667	45.392
37788	1715046.058	43 700
37789	1715089.758	48.492
37790	1715138.250	49.608
37791	1715187.858	44.942
37792	1715232 800	43.117
37793	1715275.917	49.558
37794	1715325.475	46.333
37795	1715371.808	45.458
37796	1715417.267	43 400
37797	1715460.667	46.233
37798	1715506.900	51.425
37799	1715558.325	46.308
37800	1715604.633	45.533
37801	1715650.167	46.625
37802	1715696.792	49.917
37803	1715746.708	49.992
37804	1715796.700	39.858
37805	1715836.558	45.792
37806	1715882.350	50.233
37807	1715932.583	45.258
37808	1715977 842	45.842
37809	1716023.683	45.392
37810	1716069.075	45 408
37811	1716114.483	47.942
37812	1716162.425	47.533
37813	1716209 958	50.167
37814	1716260.125	46 125
37815	1716306.250	46.900
37816	1716353.150	42.500

Weld	Distance (ft.)	Joint Length (ft.)
37817	1716395.650	36.742
37818	1716432.392	46.750
37819	1716479.142	45.033
37820	1716524.175	46.942
37821	1716571.117	45.183
37822	1716616 300	44.433
37823	1716660 733	46.967
37824	1716707.700	45 583
37825	1716753 283	46 892
37826	1716800.175	46 208
37827	1716846.383	44.925
37828	1716891.308	44.358
37829	1716935.667	50.142
37830	1716985.808	47.275
37831	1717033.083	50.733
37832	1717083.817	48.333
37833	1717132.150	45.692
37834	1717177.842	49 183
37835	1717227.025	46.383
37836	1717273.408	45 575
37837	1717318.983	44.492
37838	1717363.475	48.983
37839	1717412.458	47.325
37840	1717459.783	47.850
37841	1717507.633	45.500
37842	1717553.133	49.817
37843	1717602.950	51.025
37844	1717653.975	49.217
37845	1717703.192	41.575
37846	1717744 767	48.908
37847	1717793.675	44.025
37848	1717837.700	45.992
37849	1717883.692	45 183
37850	1717928.875	45.917
37851	1717974.792	46.500
37852	1718021.292	50.483
37853	1718071.775	44.967
37854	1718116.742	46.592
37855	1718163.333	45 292
37856	1718208.625	43 100
37857	1718251.725	39.983
37858	1718291.708	46.683
37859	1718338.392	47 200
37860	1718385.592	45 042
37861	1718430.633	40 533
37862	1718471.167	42.383
37863	1718513.550	42.108
37864	1718555.658	33.392
37865	1718589.050	46.342
37866	1718635.392	45 342
37867	1718680.733	44.775
37868	1718725.508	46.350
37869	1718771.858	47.350
37870	1718819 208	49.500
37871	1718868 708	45.283
37872	1718913.992	43.925
37873	1718957.917	34.008
37874	1718991.925	46.417

Weld	Distance (ft.)	Joint Length (ft.)
37875	1719038.342	46.800
37876	1719085.142	9.575
37877	1719094.717	47.125
37878	1719141.842	44.808
37879	1719186.650	44.367
37880	1719231.017	1.992
37881	1719233.008	17.833
37882	1719250 842	34.033
37883	1719284.875	41.767
37884	1719326.642	42.825
37885	1719369.467	42.950
37886	1719412.417	42.875
37887	1719455.292	39.175
37888	1719494.467	43.283
37889	1719537.750	43.142
37890	1719580.892	39.792
37891	1719620.683	43.175
37892	1719663.858	40.783
37893	1719704.642	41.775
37894	1719746 417	43.950
37895	1719790.367	42.842
37896	1719833.208	29.767
37897	1719862.975	43.300
37898	1719906.275	27.567
37899	1719933.842	43.667
37900	1719977.508	41.783
37901	1720019.292	43.025
37902	1720062.317	39.933
37903	1720102.250	34.175
37904	1720136.425	38.625
37905	1720175.050	23.025
37906	1720198.075	24.333
37907	1720222.408	20.042
37908	1720242.450	41.117
37909	1720283.567	35.742
37910	1720319.308	33.767
37911	1720353.075	36.883
37912	1720389 958	24.767
37913	1720414.725	18 667
37914	1720433.392	26 967
37915	1720460.358	34.400
37916	1720494.758	35.808
37917	1720530.567	36.733
37918	1720567.300	37.283
37919	1720604.583	33 900
37920	1720638.483	35.625
37921	1720674.108	40.492
37922	1720714.600	40.358
37923	1720754.958	38.367
37924	1720793.325	33.758
37925	1720827 083	31.483
37926	1720858.567	30.917
37927	1720889.483	33.525
37928	1720923.008	41.642
37929	1720964 650	42.750
37930	1721007 400	42.675
37931	1721050.075	41.500
37932	1721091.575	35.517

Weld	Distance (ft.)	Joint Length (ft.)
37933	1721127.092	27.075
37934	1721154.167	32.300
37935	1721186.467	39.250
37936	1721225.717	32.583
37937	1721258.300	33.967
37938	1721292.267	26.642
37939	1721318.908	28.192
37940	1721347.100	20.767
37941	1721367.867	36.167
37942	1721404.033	43.750
37943	1721447.783	41.800
37944	1721489.583	26.292
37945	1721515 875	36 417
37946	1721552.292	31.767
37947	1721584.058	42.983
37948	1721627.042	43.542
37949	1721670.583	42.183
37950	1721712.767	42.517
37951	1721755.283	35.075
37952	1721790 358	42.217
37953	1721832.575	37.275
37954	1721869 850	42.058
37955	1721911.908	41 917
37956	1721953 825	41.633
37957	1721995.458	32.142
37958	1722027.600	37.225
37959	1722064.825	24.308
37960	1722089.133	30 650
37961	1722119.783	44 142
37962	1722163.925	41.758
37963	1722205 683	37.500
37964	1722243.183	39.467
37965	1722282.650	22.783
37966	1722305.433	43.450
37967	1722348.883	43.917
37968	1722392.800	35 867
37969	1722428 667	42.683
37970	1722471 350	32.708
37971	1722504.058	43.342
37972	1722547.400	43.450
37973	1722590 850	44.025
37974	1722634 875	43.517
37975	1722678 392	44.042
37976	1722722.433	42.433
37977	1722764.867	43.992
37978	1722808.858	43.033
37979	1722851.892	43.908
37980	1722895.800	42 533
37981	1722938.333	39.150
37982	1722977.483	42.333
37983	1723019.817	43.567
37984	1723063.383	42.300
37985	1723105.683	41 042
37986	1723146.725	41.625
37987	1723188.350	32.200
37988	1723220.550	32.242
37989	1723252.792	42.517
37990	1723295 308	41.125

Weld	Distance (ft.)	Joint Length (ft.)
37991	1723336.433	40.525
37992	1723376.958	42.042
37993	1723419.000	42.642
37994	1723461.642	28.925
37995	1723490.567	42.808
37996	1723533.375	42.967
37997	1723576.342	42.325
37998	1723618.667	42.883
37999	1723661.550	31.633
38000	1723693.183	27.367
38001	1723720.550	44.350
38002	1723764.900	43.783
38003	1723808.683	38.950
38004	1723847.633	44 000
38005	1723891.633	30.358
38006	1723921.992	30.625
38007	1723952.617	41.967
38008	1723994.583	42.117
38009	1724036.700	42.875
38010	1724079 575	41.342
38011	1724120 917	31.633
38012	1724152.550	31.342
38013	1724183.892	37.558
38014	1724221.450	35.150
38015	1724256.600	36.158
38016	1724292.758	35.808
38017	1724328.567	30.525
38018	1724359.092	34.625
38019	1724393.717	35 892
38020	1724429.608	36.083
38021	1724465.692	42.342
38022	1724508.033	42.633
38023	1724550.667	42.750
38024	1724593 417	34.267
38025	1724627.683	33.883
38026	1724661.567	33.775
38027	1724695.342	41.942
38028	1724737.283	22.500
38029	1724759.783	30.650
38030	1724790.433	30.192
38031	1724820.625	33 258
38032	1724853.883	32.792
38033	1724886.675	39.758
38034	1724926.433	33.508
38035	1724959.942	29.258
38036	1724989.200	26.917
38037	1725016.117	28 000
38038	1725044.117	38.858
38039	1725082.975	35.767
38040	1725118.742	33.850
38041	1725152 592	42.783
38042	1725195 375	42.650
38043	1725238.025	42 142
38044	1725280.167	31.025
38045	1725311.192	43.492
38046	1725354.683	35.950
38047	1725390 633	43.175
38048	1725433.808	29.558

Weld	Distance (ft.)	Joint Length (ft.)
38049	1725463.367	36.675
38050	1725500.042	32.925
38051	1725532.967	28.642
38052	1725561.608	41.483
38053	1725603.092	42.092
38054	1725645.183	40.733
38055	1725685.917	42.450
38056	1725728.367	32.650
38057	1725761.017	35 975
38058	1725796.992	42.725
38059	1725839.717	21.833
38060	1725861.550	42.825
38061	1725904.375	41.517
38062	1725945.892	42.958
38063	1725988.850	42.692
38064	1726031 542	43.292
38065	1726074.833	40.383
38066	1726115.217	43.667
38067	1726158.883	42.533
38068	1726201.417	42.317
38069	1726243.733	41.358
38070	1726285.092	37.083
38071	1726322.175	43.600
38072	1726365.775	42.358
38073	1726408.133	43.208
38074	1726451.342	42 533
38075	1726493.875	40.033
38076	1726533.908	42.875
38077	1726576.783	43.117
38078	1726619.900	42.258
38079	1726662 158	39.867
38080	1726702.025	41.242
38081	1726743.267	42.183
38082	1726785.450	37.942
38083	1726823.392	29.283
38084	1726852 675	42.000
38085	1726894.675	24.967
38086	1726919.642	42.042
38087	1726961.683	40 225
38088	1727001.908	41.975
38089	1727043.883	44.825
38090	1727088.708	34.333
38091	1727123 042	40.300
38092	1727163.342	43 500
38093	1727206.842	36.875
38094	1727243.717	40.325
38095	1727284.042	42.342
38096	1727326.383	38.767
38097	1727365.150	34.525
38098	1727399.675	30 967
38099	1727430.642	7.600
38100	1727438.242	43.517
38101	1727481.758	42.942
38102	1727524.700	42.025
38103	1727566.725	34.425
38104	1727601.150	33.683
38105	1727634.833	41.792
38106	1727676.625	40.200

Weld	Distance (ft.)	Joint Length (ft.)
38107	1727716 825	42.883
38108	1727759.708	37.458
38109	1727797.167	41.067
38110	1727838.233	42.400
38111	1727880.633	32.008
38112	1727912.642	33.758
38113	1727946.400	42.992
38114	1727989 392	42.100
38115	1728031.492	43 950
38116	1728075.442	42.217
38117	1728117.658	42.792
38118	1728160.450	40.308
38119	1728200.758	29.283
38120	1728230.042	32.300
38121	1728262.342	40.883
38122	1728303 225	43 683
38123	1728346.908	41.458
38124	1728388.367	42.350
38125	1728430.717	43.133
38126	1728473 850	4.308
38127	1728478.158	41.800
38128	1728519.958	40.617
38129	1728560.575	42.567
38130	1728603.142	42.917
38131	1728646.058	43.342
38132	1728689.400	42.075
38133	1728731.475	42 175
38134	1728773.650	43.600
38135	1728817.250	43.100
38136	1728860.350	32.975
38137	1728893.325	43.967
38138	1728937.292	40.350
38139	1728977.642	42.492
38140	1729020.133	43.492
38141	1729063.625	43 683
38142	1729107.308	43.883
38143	1729151 192	39.358
38144	1729190 550	39 808
38145	1729230.358	31.583
38146	1729261.942	41.825
38147	1729303.767	42.625
38148	1729346.392	32 875
38149	1729379.267	9.692
38150	1729388.958	41.942
38151	1729430.900	42.908
38152	1729473.808	33.458
38153	1729507.267	29.675
38154	1729536.942	43.067
38155	1729580.008	42 800
38156	1729622.808	35.258
38157	1729658 067	37.800
38158	1729695.867	44.133
38159	1729740.000	42 217
38160	1729782.217	35.808
38161	1729818.025	2.658
38162	1729820.683	37.150
38163	1729857.833	43 242
38164	1729901.075	33.408

Weld	Distance (ft.)	Joint Length (ft.)
38165	1729934.483	40.975
38166	1729975.458	33.783
38167	1730009.242	32.792
38168	1730042.033	32.917
38169	1730074.950	42.350
38170	1730117.300	42.550
38171	1730159.850	43.117
38172	1730202.967	37.542
38173	1730240.508	36.550
38174	1730277.058	42.975
38175	1730320.033	42.267
38176	1730362.300	43.708
38177	1730406.008	32.058
38178	1730438 067	41 458
38179	1730479.525	40.983
38180	1730520.508	42 542
38181	1730563.050	43.492
38182	1730606 542	40.883
38183	1730647 425	42.358
38184	1730689.783	41 733
38185	1730731.517	35.758
38186	1730767.275	42.617
38187	1730809.892	42.550
38188	1730852.442	43.142
38189	1730895.583	32.233
38190	1730927.817	44 717
38191	1730972.533	39.150
38192	1731011.683	41.608
38193	1731053.292	38.017
38194	1731091.308	41.883
38195	1731133.192	43.142
38196	1731176.333	37.908
38197	1731214.242	32.525
38198	1731246.767	43.367
38199	1731290.133	43.367
38200	1731333.500	42.050
38201	1731375.550	36.950
38202	1731412.500	42.525
38203	1731455.025	29 542
38204	1731484.567	41.208
38205	1731525.775	39.900
38206	1731565.675	40.842
38207	1731606.517	42.650
38208	1731649.167	43.367
38209	1731692 533	42.317
38210	1731734.850	40.733
38211	1731775.583	27.708
38212	1731803.292	39.575
38213	1731842.867	39.333
38214	1731882.200	36.408
38215	1731918.608	40.842
38216	1731959.450	43.000
38217	1732002 450	43.833
38218	1732046.283	42.517
38219	1732088.800	42.825
38220	1732131 625	42.500
38221	1732174 125	41 633
38222	1732215.758	41.808

Weld	Distance (ft.)	Joint Length (ft.)
38223	1732257.567	39.233
38224	1732296.800	40.608
38225	1732337 408	42.033
38226	1732379.442	36 692
38227	1732416.133	41.742
38228	1732457.875	41.575
38229	1732499.450	43.492
38230	1732542.942	40.100
38231	1732583.042	43.042
38232	1732626.083	41.575
38233	1732667 658	36.433
38234	1732704.092	38 850
38235	1732742.942	44.133
38236	1732787.075	41.750
38237	1732828.825	44.900
38238	1732873.725	43.108
38239	1732916.833	42.592
38240	1732959.425	42.667
38241	1733002.092	43.092
38242	1733045.183	39.633
38243	1733084.817	41.792
38244	1733126.608	29.217
38245	1733155.825	40.233
38246	1733196.058	25.858
38247	1733221.917	43.567
38248	1733265.483	41.808
38249	1733307.292	42.508
38250	1733349.800	37.192
38251	1733386 992	33.133
38252	1733420.125	41.092
38253	1733461.217	43.233
38254	1733504 450	42.783
38255	1733547.233	38.258
38256	1733585.492	41 900
38257	1733627.392	35.417
38258	1733662 808	44.058
38259	1733706.867	26 308
38260	1733733.175	40 858
38261	1733774 033	35.925
38262	1733809.958	6.192
38263	1733816 150	34.217
38264	1733850.367	42 692
38265	1733893.058	33.533
38266	1733926.592	42.050
38267	1733968.642	43.408
38268	1734012.050	43 650
38269	1734055 700	42.508
38270	1734098.208	38.058
38271	1734136.267	22.717
38272	1734158.983	42.758
38273	1734201 742	42.225
38274	1734243.967	42.992
38275	1734286.958	41.867
38276	1734328.825	40.758
38277	1734369.583	44.883
38278	1734414 467	24 625
38279	1734439.092	43.792
38280	1734482.883	36.592

Weld	Distance (ft.)	Joint Length (ft.)
38281	1734519.475	45.133
38282	1734564.608	42.683
38283	1734607.292	41 425
38284	1734648.717	43.083
38285	1734691.800	43.750
38286	1734735.550	43 675
38287	1734779.225	43.850
38288	1734823 075	43.125
38289	1734866.200	43 608
38290	1734909 808	43.500
38291	1734953.308	42 383
38292	1734995.692	42 925
38293	1735038 617	43.275
38294	1735081.892	42.700
38295	1735124 592	42.883
38296	1735167.475	18.275
38297	1735185.750	43.083
38298	1735228.833	30.408
38299	1735259.242	42.558
38300	1735301.800	43.250
38301	1735345.050	42.725
38302	1735387.775	41.600
38303	1735429.375	42.717
38304	1735472.092	40.600
38305	1735512.692	45.367
38306	1735558.058	43.233
38307	1735601 292	42.233
38308	1735643.525	42.592
38309	1735686 117	42.033
38310	1735728 150	43.683
38311	1735771.833	41.650
38312	1735813.483	41.200
38313	1735854.683	39.842
38314	1735894.525	42.833
38315	1735937.358	42 708
38316	1735980.067	41 692
38317	1736021.758	41.958
38318	1736063 717	42 300
38319	1736106.017	42.300
38320	1736148 317	40.250
38321	1736188.567	38.842
38322	1736227.408	39.125
38323	1736266.533	39.442
38324	1736305.975	41.817
38325	1736347.792	43.183
38326	1736390.975	35.725
38327	1736426 700	41.350
38328	1736468.050	25.658
38329	1736493.708	38.600
38330	1736532 308	43.800
38331	1736576 108	40.417
38332	1736616.525	42.125
38333	1736658.650	33.983
38334	1736692.633	32.767
38335	1736725 400	42.650
38336	1736768 050	40.783
38337	1736808 833	33.033
38338	1736841.867	38.067

Weld	Distance (ft.)	Joint Length (ft.)
38339	1736879.933	36.483
38340	1736916.417	42.292
38341	1736958.708	43.500
38342	1737002.208	39.525
38343	1737041.733	41.342
38344	1737083.075	37.842
38345	1737120.917	41.208
38346	1737162.125	28.192
38347	1737190.317	15.167
38348	1737205.483	34.725
38349	1737240.208	43.108
38350	1737283.317	41 192
38351	1737324.508	41.542
38352	1737366.050	31.983
38353	1737398.033	42.675
38354	1737440.708	41.500
38355	1737482.208	35.142
38356	1737517.350	42.250
38357	1737559 600	43.175
38358	1737602.775	52.217
38359	1737654.992	33.267
38360	1737688.258	35.325
38361	1737723 583	42.183
38362	1737765.767	40.875
38363	1737806.642	41.483
38364	1737848.125	32 492
38365	1737880.617	39 492
38366	1737920.108	43.067
38367	1737963.175	41.867
38368	1738005.042	26.358
38369	1738031.400	41.408
38370	1738072 808	42.925
38371	1738115.733	41.525
38372	1738157 258	33.667
38373	1738190.925	42.742
38374	1738233.667	41.592
38375	1738275.258	41 842
38376	1738317.100	34 558
38377	1738351.658	41.217
38378	1738392.875	42.133
38379	1738435 008	39.633
38380	1738474 642	42.675
38381	1738517.317	22.067
38382	1738539 383	30.950
38383	1738570.333	42 917
38384	1738613.250	42.208
38385	1738655.458	31.267
38386	1738686.725	32.600
38387	1738719.325	42.808
38388	1738762.133	40.108
38389	1738802.242	41.150
38390	1738843.392	35.067
38391	1738878.458	34.458
38392	1738912.917	32.525
38393	1738945.442	42.242
38394	1738987.683	42.867
38395	1739030.550	43.858
38396	1739074.408	43.400

Weld	Distance (ft.)	Joint Length (ft.)
38397	1739117.808	39 708
38398	1739157.517	25.192
38399	1739182.708	22.092
38400	1739204.800	42.208
38401	1739247.008	44.558
38402	1739291.567	37.517
38403	1739329.083	43.217
38404	1739372.300	40.608
38405	1739412.908	9.325
38406	1739422.233	33.767
38407	1739456.000	42.675
38408	1739498.675	43.450
38409	1739542.125	43.158
38410	1739585.283	43.867
38411	1739629.150	41.142
38412	1739670.292	38.908
38413	1739709.200	41.792
38414	1739750.992	41.633
38415	1739792.625	42.000
38416	1739834.625	42.592
38417	1739877.217	41.308
38418	1739918.525	24.108
38419	1739942.633	43.725
38420	1739986.358	44.058
38421	1740030.417	41.575
38422	1740071.992	40.342
38423	1740112.333	43.567
38424	1740155.900	42.825
38425	1740198.725	44.275
38426	1740243.000	38.358
38427	1740281.358	43.017
38428	1740324 375	44.325
38429	1740368.700	21.650
38430	1740390 350	37.867
38431	1740428.217	42.150
38432	1740470.367	42.992
38433	1740513.358	38 300
38434	1740551.658	37.475
38435	1740589.133	42.308
38436	1740631.442	27.175
38437	1740658 617	32.567
38438	1740691.183	40.500
38439	1740731 683	37.942
38440	1740769.625	40.125
38441	1740809.750	41.800
38442	1740851.550	42.550
38443	1740894.100	42.817
38444	1740936.917	42.450
38445	1740979.367	42.983
38446	1741022.350	41.333
38447	1741063 683	40.858
38448	1741104 542	42.108
38449	1741146.650	43.200
38450	1741189.850	41.858
38451	1741231.708	42.658
38452	1741274.367	42.167
38453	1741316.533	36.633
38454	1741353.167	43.375

Weld	Distance (ft.)	Joint Length (ft.)
38455	1741396.542	42.742
38456	1741439.283	44.475
38457	1741483.758	22.917
38458	1741506.675	33.067
38459	1741539.742	31.033
38460	1741570.775	35.117
38461	1741605.892	42.250
38462	1741648.142	41.567
38463	1741689.708	42.875
38464	1741732.583	32.325
38465	1741764.908	29.858
38466	1741794.767	38.008
38467	1741832.775	41.650
38468	1741874.425	40.975
38469	1741915.400	43.683
38470	1741959.083	40.250
38471	1741999.333	43.883
38472	1742043.217	40.267
38473	1742083.483	40.633
38474	1742124.117	43.008
38475	1742167.125	42.100
38476	1742209 225	41.600
38477	1742250.825	27.192
38478	1742278.017	38.258
38479	1742316.275	37.292
38480	1742353.567	43.583
38481	1742397 150	42.975
38482	1742440 125	30.500
38483	1742470 625	30 000
38484	1742500.625	29 725
38485	1742530.350	39.567
38486	1742569.917	42.917
38487	1742612.833	43.208
38488	1742656.042	42.042
38489	1742698 083	42.667
38490	1742740 750	42.908
38491	1742783 658	44.767
38492	1742828.425	41.108
38493	1742869.533	30.692
38494	1742900 225	30.942
38495	1742931 167	41.308
38496	1742972.475	43.942
38497	1743016.417	42.383
38498	1743058.800	42.975
38499	1743101.775	43.183
38500	1743144.958	38.200
38501	1743183.158	34.742
38502	1743217.900	43 250
38503	1743261.150	43.875
38504	1743305.025	42.850
38505	1743347.875	43.000
38506	1743390.875	43.408
38507	1743434.283	40.325
38508	1743474.608	31.717
38509	1743506.325	43.458
38510	1743549 783	36.992
38511	1743586 775	43.108
38512	1743629.883	42.592

Weld	Distance (ft.)	Joint Length (ft.)
38513	1743672.475	43.800
38514	1743716.275	39.383
38515	1743755.658	41.517
38516	1743797.175	41.917
38517	1743839.092	42.317
38518	1743881.408	42.933
38519	1743924.342	43.967
38520	1743968.308	42.358
38521	1744010.667	42.833
38522	1744053.500	44.000
38523	1744097.500	26.083
38524	1744123.583	43 608
38525	1744167 192	11.100
38526	1744178.292	42 533
38527	1744220 825	42.958
38528	1744263 783	41.233
38529	1744305.017	0.842
38530	1744305 858	4.725
38531	1744310.583	2.850
38532	1744313.433	1.733
38533	1744315.167	11 725
38534	1744326.892	2.392
38535	1744329.283	1.100
38536	1744330.383	0.000

Weld	Distance (ft.)	Joint Length (ft.)

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	(b) (7)(F)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD		26.592	0.1	Begin .500" SMLS
Weld	WELD		2.408	1.5	Heavy Wall Begin
Weld	WELD		12.842	1.5	Begin .500" SMLS
Weld	WELD		2.425	1.5	Heavy Wall Begin
Weld	WELD		7.667	1.6	Begin .500" SMLS
Weld	WELD		6.025	1.5	Girth Weld Anomaly
Weld	WELD		20.558	1.5	Begin .375" ERW Bend
Weld	WELD		20.583	1.6	Bend
Weld	WELD		12.475	1.5	Bend
Weld	WELD		12.250	1.5	Bend
Weld	WELD		3.542	1.7	Begin .500" SMLS
Weld	WELD		39.008	1.6	Girth Weld Anomaly
Weld	WELD		4.792	1.6	Heavy Wall Begin
Weld	WELD		5.725	1.6	Begin .500" SMLS
Weld	WELD		52.742	1.6	Begin .312" ERW
Weld	WELD		50.983	1.5	Sleeves Weld Begin
Weld	WELD		48.075	1.5	Sleeves Weld End
Weld	WELD		49.533	1.5	Sleeves Weld Begin
Weld	WELD		49.858	1.5	Sleeves Weld End
Weld	WELD		48.617	1.5	Sleeve Weld
Weld	WELD		46.317	1.5	Sleeve Weld
Weld	WELD		39.517	1.5	Sleeve Weld
Weld	WELD		43.058	1.5	Girth Weld Anomaly
Weld	WELD		46.208	1.5	Sleeve Weld
Weld	WELD		41.700	1.5	Begin SMLS
Weld	WELD		17.842	1.5	Begin ERW
Weld	WELD		21.042	1.5	Sleeve Weld
Weld	WELD		51.283	1.5	Girth Weld Anomaly
Weld	WELD		44.483	1.6	Begin .375" ERW
Weld	WELD		48.825	1.5	Begin .312" ERW
Weld	WELD		11.658	1.6	Begin .375" ERW

EMPCO-ARKGOV007099

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (b) (7)(F)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD		5.683	1.5	Begin .312" ERW
Weld	WELD		46.917	1.5	Girth Weld Anomaly
Weld	WELD		16.625	1.6	Begin .375" ERW
Weld	WELD		4.667	1.5	Heavy Wall Begin
Weld	WELD		2.792	1.5	Begin .375" ERW
Weld	WELD		4.967	1.5	Heavy Wall Begin
Weld	WELD		3.725	1.5	Begin .312" ERW
Weld	WELD		10.967	1.6	Begin .375" ERW Replaced 25.5' pipe 10/10/05
Weld	WELD		5.850	1.5	Bend
Weld	WELD		19.200	1.5	Begin .312" ERW
Weld	WELD		2.025	1.6	Sleeve Weld Repaired 9/19/00
Weld	WELD		19.500	1.6	Sleeves Weld Begin
Weld	WELD		43.333	1.6	Sleeves Weld End
Weld	WELD		45.333	1.6	Begin .312" ERW
Weld	WELD		5.642	1.5	Heavy Wall Begin
Weld	WELD		36.458	1.6	Begin .312" ERW
Weld	WELD		12.500	1.6	Begin .375" ERW Bend
Weld	WELD		12.617	1.5	Bend
Weld	WELD		5.225	1.6	Heavy Wall Begin
Weld	WELD		2.908	1.6	Begin .375" ERW
Weld	WELD		4.492	1.6	Heavy Wall Begin
Weld	WELD		12.475	1.5	Begin .375" ERW Bend
Weld	WELD		12.617	1.5	Bend
Weld	WELD		2.325	1.6	Begin .312" ERW
Weld	WELD		5.483	1.5	Sleeve Weld
Weld	WELD		42.733	1.5	Begin SMLS
Weld	WELD		44.017	1.5	Begin ERW
Weld	WELD		42.283	1.5	Begin SMLS
Weld	WELD		51.300	1.5	Begin ERW
Weld	WELD		42.508	1.5	Begin SMLS
Weld	WELD		49.833	1.5	Begin ERW Girth Weld Anomaly

EMPCO-ARKGOV007100

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	42.583	1.5	Begin SMLS
Weld	WELD		49.808	1.5	Begin ERW
Weld	WELD		41.375	1.5	Begin SMLS
Weld	WELD		49.367	1.5	Begin ERW
Weld	WELD		43.058	1.5	Begin SMLS
Weld	WELD		41.683	1.6	Begin ERW
Weld	WELD		40.267	1.5	Begin SMLS
Weld	WELD		50.808	1.5	Begin ERW
Weld	WELD		48.783	1.5	Girth Weld Anomaly
Weld	WELD		8.825	1.6	Begin .375" ERW Bend
Weld	WELD		2.075	1.5	Begin .312" ERW
Weld	WELD		8.950	1.5	Begin .375" ERW Bend
Weld	WELD		4.608	1.6	Heavy Wall Begin
Weld	WELD		1.417	1.6	Begin .375" ERW
Weld	WELD		5.450	1.5	Heavy Wall Begin
Weld	WELD		1.708	1.6	Begin .375" ERW
Weld	WELD		4.408	1.5	Heavy Wall Begin
Weld	WELD		8.642	1.5	Begin .375" ERW Bend
Weld	WELD		1.925	1.5	Begin .312" ERW
Weld	WELD		8.708	1.5	Begin .375" ERW Bend
Weld	WELD		3.233	1.6	Begin .312" ERW
Weld	WELD		41.967	1.5	Begin .375" ERW
Weld	WELD		46.583	1.5	Begin .312" ERW
Weld	WELD		2.000	1.6	Begin .500" SMLS
Weld	WELD		27.175	1.6	Sleeves Weld Begin
Weld	WELD		37.383	1.6	Sleeves Weld End
Weld	WELD		49.267	1.5	Begin .312" ERW
Weld	WELD		1.983	1.6	Begin .500" SMLS
Weld	WELD		46.967	1.5	Begin .312" ERW
Weld	WELD		1.992	1.6	Begin .500" SMLS
Weld	WELD		41.967	1.6	Sleeves Weld Begin

EMPCO-ARKGOV007101

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	43.108	1.6	Sleeves Weld End
Weld	WELD		26.333	1.6	Begin .312" ERW
Weld	WELD		38.225	1.6	Begin .375" ERW
Weld	WELD		29.725	1.5	Begin .312" ERW
Weld	WELD		45.767	1.5	Girth Weld Anomaly
Weld	WELD		47.342	1.5	Sleeves Weld Begin
Weld	WELD		44.408	1.5	Sleeves Weld End
Weld	WELD		44.058	1.5	Sleeve Weld
Weld	WELD		46.575	1.5	Sleeve Weld
Weld	WELD		21.833	1.6	Begin .375" ERW Bend
Weld	WELD		5.650	1.5	Heavy Wall Begin
Weld	WELD		21.725	1.7	Begin .375" ERW Bend
Weld	WELD		3.567	1.6	Begin .312" ERW
Weld	WELD		51.042	1.6	Sleeves Weld Begin
Weld	WELD		45.233	1.5	Sleeves Weld End
Weld	WELD		43.700	1.6	Begin .375" ERW Repaired 10/31/05 w/52.5' new pipe
Weld	WELD		47.325	1.5	Begin .312" ERW
Weld	WELD		5.050	1.5	Begin .500" ERW
Weld	WELD		9.467	1.5	Bend
Weld	WELD		9.442	1.6	Bend
Weld	WELD		5.308	1.6	Heavy Wall Begin
Weld	WELD		12.775	1.6	Begin .500" ERW
Weld	WELD		2.500	1.6	Heavy Wall Begin
Weld	WELD		10.150	1.6	Begin .500" ERW
Weld	WELD		5.200	1.6	Heavy Wall Begin
Weld	WELD		1.575	1.6	Begin .500" ERW
Weld	WELD		2.575	1.6	Heavy Wall Begin
Weld	WELD		28.317	1.6	Begin .500" ERW
Weld	WELD		2.475	1.6	Heavy Wall Begin
Weld	WELD		10.117	1.6	Begin .500" ERW
Weld	WELD		5.175	1.6	Heavy Wall Begin

EMPCO-ARKGOV007102

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	1.567	1.6	Begin .500" ERW
Weld	WELD		2.700	1.6	Heavy Wall Begin
Weld	WELD		9.983	1.6	Begin .500" ERW
Weld	WELD		5.392	1.6	Heavy Wall Begin
Weld	WELD		5.558	1.6	Begin .500" ERW
Weld	WELD		9.383	1.6	Bend
Weld	WELD		9.358	1.6	Bend
Weld	WELD		3.458	1.5	Begin .312" ERW
Weld	WELD		43.575	1.5	Girth Weld Anomaly
Weld	WELD		50.850	1.5	Girth Weld Anomaly
Weld	WELD		49.642	1.5	Girth Weld Anomaly
Weld	WELD		1.975	1.6	Begin .500" SMLS
Weld	WELD		4.667	1.5	Heavy Wall Begin
Weld	WELD		3.558	1.6	Begin .500" SMLS
Weld	WELD		18.267	1.6	Begin .375" ERW
Weld	WELD		26.725	1.6	Begin .500" SMLS
Weld	WELD		4.033	1.6	
Weld	WELD		9.908	1.6	Begin .375" ERW
Weld	WELD		4.958	1.6	Begin .500" SMLS
Weld	WELD		40.200	1.6	Begin .312" ERW
Weld	WELD		9.133	1.6	Begin .500" SMLS
Weld	WELD		2.967	1.6	Begin .312" ERW
Weld	WELD		3.475	1.5	Heavy Wall Begin
Weld	WELD		1.417	1.5	Begin .312" ERW
Weld	WELD		1.067	1.6	Begin .500" SMLS
Weld	WELD		4.800	1.5	Heavy Wall Begin
Weld	WELD		1.975	1.6	Begin .500" SMLS
Weld	WELD		2.708	1.6	Begin .312" ERW
Weld	WELD		40.758	1.5	Sleeve Weld
Weld	WELD		48.183	1.5	Girth Weld Anomaly
Weld	WELD		48.525	1.5	Girth Weld Anomaly

EMPCO-ARKGOV007103

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	47.708	1.5	Girth Weld Anomaly
Weld	WELD		44.850	1.5	Girth Weld Anomaly
Weld	WELD		2.008	1.6	Begin .500" SMLS
Weld	WELD		41.483	1.6	Sleeves Weld Begin
Weld	WELD		43.758	1.6	Sleeves Weld End
Weld	WELD		36.092	1.5	Begin .312" ERW
Weld	WELD		44.708	1.5	Begin .375" ERW
Weld	WELD		49.800	1.5	Begin .312" ERW
Weld	WELD		52.833	1.5	Sleeve Weld
Weld	WELD		50.217	1.5	Sleeve Weld
Weld	WELD		42.633	1.5	Begin .375" ERW
Weld	WELD		47.458	1.5	Begin .312" ERW
Weld	WELD		49.425	1.5	Sleeve Weld
Weld	WELD		2.017	1.3	Begin .500" SMLS
Weld	WELD		4.758	1.3	Heavy Wall Begin
Weld	WELD		2.642	1.3	Begin .500" SMLS
Weld	WELD		12.317	1.3	Begin 375" ERW Bend
Weld	WELD		12.075	1.3	Bend
Weld	WELD		13.992	1.3	Bend
Weld	WELD		19.833	1.3	Bend
Weld	WELD		14.200	1.4	Bend
Weld	WELD		19.317	1.5	Bend
Weld	WELD		4.058	1.5	Begin .500" SMLS
Weld	WELD		2.625	1.5	Heavy Wall Begin
Weld	WELD		38.308	1.5	Begin .500" SMLS
Weld	WELD		17.750	1.4	Girth Weld Anomaly
Weld	WELD		3.425	1.3	Girth Weld Anomaly
Weld	WELD		7.075	1.3	Girth Weld Anomaly
Weld	WELD		4.842	1.4	Heavy Wall Begin
Weld	WELD		4.025	1.4	Begin .500" SMLS
Weld	WELD		2.433	1.4	Heavy Wall Begin

EMPCO-ARKGOV007104

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (b) (7)(F)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD		11.908	1.4	Begin .500" ERW
Weld	WELD		2.517	1.4	Heavy Wall Begin
Weld	WELD		3.967	1.4	Begin .500" SMLS
Weld	WELD		4.867	1.4	Heavy Wall Begin
Weld	WELD		12.500	1.3	Begin .375" ERW
Weld	WELD		21.192	0.7	Begin .500" SMLS
Weld	WELD		2.483	1.3	Heavy Wall Begin
Weld	WELD		15.083	1.4	Begin .500" SMLS
Weld	WELD		6.017	1.4	Girth Weld Anomaly
Weld	WELD		7.358	1.4	Girth Weld Anomaly
Weld	WELD		2.508	1.4	Heavy Wall Begin
Weld	WELD		5.125	1.4	Begin .500" SMLS
Weld	WELD		20.808	1.4	Begin .375" ERW Bend
Weld	WELD		21.208	1.5	Bend
Weld	WELD		14.000	1.4	Bend
Weld	WELD		20.242	1.4	Bend
Weld	WELD		10.533	1.4	Bend
Weld	WELD		28.683	1.4	Begin .500" SMLS
Weld	WELD		5.142	1.4	Girth Weld Anomaly
Weld	WELD		4.842	1.4	Heavy Wall Begin
Weld	WELD		5.383	1.4	Begin .500" SMLS
Weld	WELD		32.433	1.3	Begin .312" ERW
Weld	WELD		1.992	1.6	Begin .500" SMLS
Weld	WELD		26.808	1.6	Sleeves Weld Begin
Weld	WELD		32.217	1.6	Sleeves Weld End
Weld	WELD		47.975	1.5	Begin .312" ERW
Weld	WELD		42.783	1.5	Girth Weld Anomaly
Weld	WELD		48.125	1.5	Girth Weld Anomaly
Weld	WELD		47.625	1.5	Girth Weld Anomaly
Weld	WELD		50.800	1.5	Girth Weld Anomaly
Weld	WELD		50.067	1.5	Girth Weld Anomaly

EMPCO-ARKGOV007105

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	49.008	1.5	Girth Weld Anomaly
Weld	WELD		47.592	1.5	Girth Weld Anomaly
Weld	WELD		46.642	1.5	Girth Weld Anomaly
Weld	WELD		49.517	1.5	Girth Weld Anomaly
Weld	WELD		44.300	1.5	Girth Weld Anomaly
Weld	WELD		49.592	1.5	Girth Weld Anomaly
Weld	WELD		25.533	1.5	Girth Weld Anomaly
Weld	WELD		51.183	1.5	Girth Weld Anomaly
Weld	WELD		38.658	1.5	Girth Weld Anomaly
Weld	WELD		50.125	1.5	Girth Weld Anomaly
Weld	WELD		46.942	1.5	Girth Weld Anomaly
Weld	WELD		45.192	1.5	Girth Weld Anomaly
Weld	WELD		47.750	1.5	Sleeves Weld Begin
Weld	WELD		49.592	1.5	Sleeves Weld End
Weld	WELD		50.608	1.5	Girth Weld Anomaly
Weld	WELD		47.275	1.5	Girth Weld Anomaly
Weld	WELD		48.592	1.5	Girth Weld Anomaly
Weld	WELD		50.550	1.5	Girth Weld Anomaly
Weld	WELD		45.742	1.5	Girth Weld Anomaly
Weld	WELD		50.750	1.5	Girth Weld Anomaly
Weld	WELD		51.292	1.5	Girth Weld Anomaly
Weld	WELD		50.817	1.5	Girth Weld Anomaly
Weld	WELD		49.900	1.5	Girth Weld Anomaly
Weld	WELD		3.283	1.5	Girth Weld Anomaly
Weld	WELD		46.025	1.5	Girth Weld Anomaly
Weld	WELD		46.883	1.5	Girth Weld Anomaly
Weld	WELD		4.792	1.5	Heavy Wall Begin
Weld	WELD		3.675	1.5	Begin .312" ERW
Weld	WELD		7.608	1.5	Begin .375" ERW
Weld	WELD		35.925	1.5	Begin .312" ERW
Weld	WELD		48.342	1.5	Girth Weld Anomaly

EMPCO-ARKGOV007106

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	42.725	1.5	Girth Weld Anomaly
Weld	WELD		37.267	1.5	Begin .375" ERW
Weld	WELD		5.617	1.5	Begin .312" ERW
Weld	WELD		45.350	1.5	Girth Weld Anomaly
Weld	WELD		2.025	1.6	Begin .500" SMLS
Weld	WELD		40.767	1.6	Sleeves Weld Begin
Weld	WELD		43.142	1.6	Sleeves Weld End
Weld	WELD		1.925	1.6	Begin .312" ERW
Weld	WELD		3.433	1.6	Heavy Wall Begin
Weld	WELD		1.825	1.5	Begin .312" ERW
Weld	WELD		41.950	1.6	Begin .500" SMLS
Weld	WELD		45.992	1.5	Begin .312" ERW
Weld	WELD		4.600	1.5	Heavy Wall Begin
Weld	WELD		1.592	1.5	Begin .312" ERW
Weld	WELD		1.942	1.6	Begin .500" SMLS
Weld	WELD		43.925	1.5	Sleeves Weld Begin
Weld	WELD		39.608	1.6	Sleeves Weld End
Weld	WELD		19.342	1.6	Sleeve Weld
Weld	WELD		37.683	1.6	Sleeve Weld
Weld	WELD		2.000	1.6	Sleeve Weld
Weld	WELD		19.992	1.5	Begin .312" ERW
Weld	WELD		4.917	1.5	Heavy Wall Begin
Weld	WELD		2.483	1.5	Begin .312" ERW
Weld	WELD		51.308	1.5	Sleeve Weld
Weld	WELD		43.492	1.5	Girth Weld Anomaly
Weld	WELD		47.683	1.5	Girth Weld Anomaly
Weld	WELD		51.525	1.5	Girth Weld Anomaly
Weld	WELD		50.100	1.5	Girth Weld Anomaly
Weld	WELD		50.058	1.5	Girth Weld Anomaly
Weld	WELD		51.850	1.5	Girth Weld Anomaly
Weld	WELD		45.667	1.5	Girth Weld Anomaly

EMPCO-ARKGOV007107

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	2.000	1.5	Begin .500" SMLS
Weld	WELD		42.233	1.6	Sleeves Weld Begin
Weld	WELD		42.033	1.6	Sleeves Weld End
Weld	WELD		47.317	1.5	Begin .312" ERW
Weld	WELD		4.117	1.5	Begin .375" ERW
Weld	WELD		45.025	1.5	Begin .312" ERW
Weld	WELD		44.533	1.5	Sleeve Weld
Weld	WELD		44.442	1.5	Begin .375" ERW
Weld	WELD		42.525	1.5	Begin .312" ERW
Weld	WELD		43.783	1.5	Sleeve Weld
Weld	WELD		51.225	1.5	Girth Weld Anomaly
Weld	WELD		18.042	1.5	Sleeve Weld Repaired 8/3/05 w/1.0' full sole
Weld	WELD		49.142	1.5	Sleeve Weld
Weld	WELD		4.775	1.5	Heavy Wall Begin
Weld	WELD		4.258	1.5	Begin .312" ERW
Weld	WELD		9.383	1.5	Begin .375" ERW
Weld	WELD		48.308	1.5	Begin .312" ERW
Weld	WELD		2.025	1.6	Begin .500" SMLS X52
Weld	WELD		43.167	1.6	Sleeve Weld
Weld	WELD		41.342	1.6	Sleeves Weld Begin
Weld	WELD		40.233	1.6	Sleeves Weld End
Weld	WELD		43.292	1.6	Girth Weld Anomaly
Weld	WELD		40.908	1.6	Sleeve Weld
Weld	WELD		29.900	1.6	Sleeve Weld
Weld	WELD		28.058	1.6	Sleeves Weld Begin
Weld	WELD		39.942	1.6	Sleeves Weld End
Weld	WELD		44.692	1.5	Begin .312" ERW X42
Weld	WELD		4.042	1.5	Begin 375" ERW
Weld	WELD		4.633	1.4	Heavy Wall Begin
Weld	WELD		2.933	1.5	Begin .312" ERW
Weld	WELD		3.442	1.5	Heavy Wall Begin

EMPCO-ARKGOV007108

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	1.833	1.5	Begin .312" ERW
Weld	WELD		1.992	1.6	Begin .500" SMLS
Weld	WELD		43.233	1.6	Girth Weld Anomaly
Weld	WELD		4.775	1.6	Heavy Wall Begin
Weld	WELD		3.875	1.6	Begin .500" ERW
Weld	WELD		8.817	1.6	Bend
Weld	WELD		20.667	1.6	Begin ERW
Weld	WELD		2.525	1.6	Heavy Wall Begin
Weld	WELD		2.975	1.6	Begin .500" SMLS
Weld	WELD		5.242	1.6	Heavy Wall Begin
Weld	WELD		1.717	1.7	Begin .500" ERW
Weld	WELD		2.708	1.6	Heavy Wall Begin
Weld	WELD		9.258	1.7	Begin .500" ERW
Weld	WELD		2.533	1.6	Heavy Wall Begin
Weld	WELD		11.992	1.6	Begin .500" ERW
Weld	WELD		5.200	1.6	Heavy Wall Begin
Weld	WELD		4.167	1.6	Begin .500" ERW
Weld	WELD		2.175	1.8	Heavy Wall Begin
Weld	WELD		3.992	1.6	Begin .500" ERW
Weld	WELD		40.750	1.6	Begin .375" ERW
Weld	WELD		1.250	1.6	Heavy Wall Begin
Weld	WELD		35.267	1.6	Begin .500" SMLS
Weld	WELD		4.767	1.6	Heavy Wall Begin
Weld	WELD		2.050	1.6	Begin .500" ERW
Weld	WELD		20.267	1.6	Begin .312" ERW
Weld	WELD		49.942	1.6	Sleeves Weld Begin
Weld	WELD		50.867	1.6	Repaired 9/14/00
Weld	WELD		48.717	1.6	Sleeves Weld End Repaired 9/14/00
Weld	WELD		51.458	1.6	Sleeve Weld Inspected/Reconditioned 9/25/07
Weld	WELD		47.675	2.1	Girth Weld Anomaly
Weld	WELD		17.900	2.1	Begin .375" ERW

EMPCO-ARKGOV007109

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	37.058	2.1	Begin .312" ERW
Weld	WELD		11.967	2.1	Begin .375" ERW
Weld	WELD		28.258	2.1	Begin .312" ERW
Weld	WELD		4.750	2.1	Heavy Wall Begin
Weld	WELD		3.858	2.1	Begin .312" ERW
Weld	WELD		1.400	2.2	Begin .500" SMLS
Weld	WELD		10.642	2.2	Girth Weld Anomaly
Weld	WELD		41.258	2.2	Sleeves Weld Begin
Weld	WELD		43.017	2.2	Sleeves Weld End
Weld	WELD		43.250	2.2	Sleeves Weld Begin
Weld	WELD		44.325	2.2	Sleeves Weld End
Weld	WELD		4.658	2.2	Heavy Wall Begin
Weld	WELD		1.967	2.2	Begin .375" ERW
Weld	WELD		2.558	2.1	Begin .312" ERW
Weld	WELD		3.658	2.2	Heavy Wall Begin
Weld	WELD		2.575	2.1	Begin .312" ERW
Weld	WELD		16.783	2.1	Begin .375" ERW
Weld	WELD		51.125	2.1	Begin .312" ERW
Weld	WELD		50.508	2.1	Girth Weld Anomaly
Weld	WELD		10.083	2.1	Sleeves Weld Begin
Weld	WELD		49.242	2.1	Sleeves Weld End
Weld	WELD		12.200	2.0	Begin .375" ERW Repaired 10/12/05 w/315' new pipe
Weld	WELD		8.750	2.0	Begin .312" ERW
Weld	WELD		4.650	2.1	Heavy Wall Begin
Weld	WELD		39.067	2.0	Begin .312" ERW
Weld	WELD		50.675	2.1	Girth Weld Anomaly
Weld	WELD		45.433	2.1	Girth Weld Anomaly
Weld	WELD		2.000	2.2	Begin .500" SMLS
Weld	WELD		36.242	2.1	Begin .375" ERW
Weld	WELD		29.667	2.2	Begin .500" SMLS
Weld	WELD		44.150	2.2	Sleeves Weld Begin

EMPCO-ARKGOV007110

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	42.983	2.2	Sleeves Weld End
Weld	WELD		44.508	2.2	Sleeves Weld Begin
Weld	WELD		42.342	2.2	Sleeves Weld End
Weld	WELD		47.375	2.1	Begin .312" ERW
Weld	WELD		5.392	2.2	Heavy Wall Begin
Weld	WELD		3.783	2.1	Begin .312" ERW
Weld	WELD		3.508	2.1	Heavy Wall Begin
Weld	WELD		1.658	2.1	Begin .312" ERW
Weld	WELD		2.017	2.1	Begin .500" SMLS
Weld	WELD		11.167	2.2	Sleeves Weld Begin
Weld	WELD		36.375	2.2	Sleeves Weld End
Weld	WELD		50.125	2.1	Begin 312" ERW
Weld	WELD		36.925	2.1	Inspected/Reconditioned 9/26/07
Weld	WELD		50.583	2.1	Inspected/Reconditioned 9/25/07
Weld	WELD		49.817	2.1	Sleeve Weld
Weld	WELD		47.750	2.1	Sleeves Weld Begin
Weld	WELD		48.392	2.1	Sleeves Weld End
Weld	WELD		46.667	2.1	Sleeve Weld
Weld	WELD		49.258	2.1	Sleeve Weld
Weld	WELD		50.992	2.1	Sleeve Weld
Weld	WELD		39.542	2.1	Begin .375" ERW
Weld	WELD		2.917	2.1	Begin .312" ERW
Weld	WELD		47.342	2.1	Sleeves Weld Begin
Weld	WELD		44.817	2.1	Sleeves Weld End
Weld	WELD		15.158	2.1	Begin .375" ERW
Weld	WELD		48.925	2.1	Begin .312" ERW
Weld	WELD		48.758	2.1	Sleeve Weld Inspected/Reconditioned 9/25/07
Weld	WELD		17.417	2.1	Sleeve Weld
Weld	WELD		2.492	2.1	Sleeve Weld
Weld	WELD		40.300	2.1	Girth Weld Anomaly
Weld	WELD		47.758	2.1	Sleeve Weld

EMPCO-ARKGOV007111

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (b) (7)(F)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD		49.408	2.1	Sleeve Weld
Weld	WELD		41.117	2.1	Sleeve Weld
Weld	WELD		47.417	2.1	Girth Weld Anomaly
Weld	WELD		46.942	2.1	Girth Weld Anomaly
Weld	WELD		21.492	2.1	Begin .375" ERW Repaired 10/10/05
Weld	WELD		50.042	2.1	Begin .312" ERW
Weld	WELD		45.892	1.1	Inspected/Recoated 8/24/00 found mill grinding
Weld	WELD		11.367	1.6	Begin .375" ERW
Weld	WELD		39.542	1.5	Begin 312" ERW
Weld	WELD		4.800	1.4	Heavy Wall Begin
Weld	WELD		11.442	1.4	Begin .375" ERW Bend
Weld	WELD		20.275	1.4	Bend
Weld	WELD		13.675	1.4	Bend
Weld	WELD		20.975	1.4	Bend
Weld	WELD		3.358	1.6	Begin .312" ERW
Weld	WELD		2.567	1.5	Heavy Wall Begin
Weld	WELD		4.383	1.4	Begin .312" ERW
Weld	WELD		5.150	1.5	Heavy Wall Begin
Weld	WELD		4.158	1.4	Begin .312" ERW
Weld	WELD		2.742	1.5	Heavy Wall Begin
Weld	WELD		9.717	1.4	Begin .312" ERW
Weld	WELD		2.533	1.3	Heavy Wall Begin
Weld	WELD		9.875	1.2	Begin .312" ERW
Weld	WELD		4.675	1.3	Heavy Wall Begin
Weld	WELD		9.375	1.1	Begin .312" ERW
Weld	WELD		2.508	1.4	Heavy Wall Begin
Weld	WELD		5.333	1.4	Begin .312" ERW
Weld	WELD		19.383	1.6	Begin .375" ERW Bend
Weld	WELD		11.483	1.6	Bend
Weld	WELD		20.675	1.5	Bend
Weld	WELD		4.783	1.5	Heavy Wall Begin

EMPCO-ARKGOV007112

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	4.975	1.5	Begin .500" SMLS
Weld	WELD		10.925	1.4	Begin .375" ERW Bend
Weld	WELD		7.000	1.5	Begin .500" SMLS
Weld	WELD		41.458	1.4	Begin .312" ERW
Weld	WELD		49.600	2.1	Sleeves Weld Begin
Weld	WELD		36.742	2.1	Sleeves Weld End
Weld	WELD		47.317	2.1	Girth Weld Anomaly
Weld	WELD		50.058	2.1	Begin DSAW (Approx.)
Weld	WELD		47.742	2.1	Girth Weld Anomaly
Weld	WELD		44.792	2.1	Girth Weld Anomaly
Weld	WELD		2.175	2.2	Begin .500" ERW
Weld	WELD		4.608	2.0	Heavy Wall Begin
Weld	WELD		8.825	2.1	Begin .375" ERW
Weld	WELD		4.758	2.1	Heavy Wall Begin
Weld	WELD		1.942	2.2	Begin .375" ERW
Weld	WELD		3.967	2.2	Begin .500" SMLS
Weld	WELD		21.142	2.1	Begin .375" ERW
Weld	WELD		30.992	2.1	Begin .312" DSAW
Weld	WELD		44.258	2.1	Girth Weld Anomaly
Weld	WELD		46.558	2.1	Girth Weld Anomaly
Weld	WELD		37.500	2.1	Girth Weld Anomaly
Weld	WELD		11.983	2.1	Sleeve Weld Repaired 9/19/00
Weld	WELD		3.517	2.1	Heavy Wall Begin
Weld	WELD		2.050	2.3	Begin .500" ERW
Weld	WELD		2.433	2.2	Heavy Wall Begin
Weld	WELD		2.042	2.2	Begin .500" ERW
Weld	WELD		37.800	2.1	Begin .312" ERW
Weld	WELD		2.083	2.2	Begin .500" DSAW Gr.B
Weld	WELD		39.500	2.1	Begin .312" DSAW X42
Weld	WELD		2.083	2.1	Begin .500" DSAW Gr.B
Weld	WELD		39.517	2.1	Begin 312" ERW X42

EMPCO-ARKGOV007113

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	2.067	2.2	Begin .500" DSAW Gr.B
Weld	WELD		39.500	2.1	Begin .312" ERW X42
Weld	WELD		2.058	2.2	Begin .500" DSAW Gr.B
Weld	WELD		39.100	2.1	Begin .312" ERW X42
Weld	WELD		2.075	2.2	Begin .500" DSAW Gr.B
Weld	WELD		38.992	2.1	Begin .312" ERW X42
Weld	WELD		3.508	2.1	Heavy Wall Begin
Weld	WELD		1.867	2.1	Begin .312" ERW
Weld	WELD		4.667	2.2	Heavy Wall Begin
Weld	WELD		5.858	2.1	Begin 312" ERW
Weld	WELD		46.450	2.1	Begin ERW
Weld	WELD		50.383	2.1	Girth Weld Anomaly
Weld	WELD		1.958	2.2	Begin .500" SMLS
Weld	WELD		4.750	2.1	Heavy Wall Begin
Weld	WELD		15.792	2.2	Begin .500" SMLS
Weld	WELD		33.358	2.1	Begin .312" ERW X42
Weld	WELD		40.375	2.1	Begin .500" SMLS
Weld	WELD		2.000	2.2	Begin .375" ERW
Weld	WELD		1.942	2.2	Begin .500" SMLS
Weld	WELD		42.092	2.2	Sleeves Weld Begin
Weld	WELD		41.808	2.2	Sleeves Weld End
Weld	WELD		42.550	2.2	Sleeves Weld Begin
Weld	WELD		43.908	2.2	Sleeves Weld End
Weld	WELD		46.708	2.1	Begin .312" ERW
Weld	WELD		11.575	2.1	Begin .375" ERW
Weld	WELD		5.000	2.0	Heavy Wall Begin
Weld	WELD		12.650	2.1	Begin .375" ERW
Weld	WELD		48.342	2.2	Begin .312" ERW
Weld	WELD		4.650	2.1	Begin .375" ERW
Weld	WELD		9.292	2.1	Begin .312" ERW
Weld	WELD		21.250	2.1	Girth Weld Anomaly

EMPCO-ARKGOV007114

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	15.583	2.1	Begin .375" ERW Bend
Weld	WELD		15.983	2.1	Bend
Weld	WELD		4.675	2.2	Heavy Wall Begin
Weld	WELD		16.008	2.2	Begin .375" ERW Bend
Weld	WELD		15.683	2.2	Bend
Weld	WELD		34.117	2.1	Begin .312" ERW
Weld	WELD		45.817	2.1	Girth Weld Anomaly
Weld	WELD		48.192	2.1	Girth Weld Anomaly
Weld	WELD		45.950	2.1	Girth Weld Anomaly
Weld	WELD		46.467	2.1	Girth Weld Anomaly
Weld	WELD		43.092	2.1	Begin .344" ERW
Weld	WELD		43.408	2.1	Begin .312" ERW
Weld	WELD		45.942	2.1	Girth Weld Anomaly
Weld	WELD		47.775	2.1	Girth Weld Anomaly
Weld	WELD		50.567	2.1	Girth Weld Anomaly
Weld	WELD		44.700	2.1	Girth Weld Anomaly
Weld	WELD		46.825	2.1	Girth Weld Anomaly
Weld	WELD		45.142	2.1	Girth Weld Anomaly
Weld	WELD		28.142	2.1	Girth Weld Anomaly
Weld	WELD		49.100	2.1	Sleeve Weld
Weld	WELD		7.250	2.1	Sleeve Weld
Weld	WELD		49.700	2.1	Girth Weld Anomaly
Weld	WELD		47.667	2.1	Sleeve Weld
Weld	WELD		47.525	2.1	Sleeve Weld
Weld	WELD		48.425	2.1	Sleeve Weld
Weld	WELD		49.500	2.1	Girth Weld Anomaly
Weld	WELD		50.733	2.1	Sleeve Weld
Weld	WELD		50.125	2.1	Sleeve Weld
Weld	WELD		49.158	2.1	Girth Weld Anomaly
Weld	WELD		50.275	2.1	Girth Weld Anomaly
Weld	WELD		48.225	2.1	Girth Weld Anomaly

EMPCO-ARKGOV007115

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	50.733	2.1	Girth Weld Anomaly
Weld	WELD		50.542	2.1	Girth Weld Anomaly
Weld	WELD		44.650	2.1	Sleeve Weld
Weld	WELD		43.242	2.1	Sleeve Weld
Weld	WELD		46.567	2.1	Girth Weld Anomaly
Weld	WELD		35.042	2.1	Sleeve Weld
Weld	WELD		45.783	2.1	Sleeve Weld
Weld	WELD		45.775	2.1	Girth Weld Anomaly
Weld	WELD		44.625	2.1	Girth Weld Anomaly
Weld	WELD		45.725	2.1	Girth Weld Anomaly
Weld	WELD		45.692	2.1	Girth Weld Anomaly
Weld	WELD		45.383	2.1	Girth Weld Anomaly
Weld	WELD		49.058	2.1	Girth Weld Anomaly
Weld	WELD		48.033	2.1	Girth Weld Anomaly
Weld	WELD		46.400	2.1	Sleeves Weld Begin
Weld	WELD		26.325	2.1	Sleeves Weld End Begin .312" ERW X46
Weld	WELD		14.300	2.1	Sleeves Weld Begin Repaired 9/14/00
Weld	WELD		49.700	2.1	Sleeves Weld End
Weld	WELD		47.967	2.1	Sleeve Weld
Weld	WELD		48.200	2.1	Sleeve Weld
Weld	WELD		47.925	2.1	Girth Weld Anomaly
Weld	WELD		47.575	2.1	Girth Weld Anomaly
Weld	WELD		50.725	2.1	Girth Weld Anomaly
Weld	WELD		51.783	2.1	Girth Weld Anomaly
Weld	WELD		10.675	2.1	Begin .375" ERW Bend
Weld	WELD		6.783	2.1	Begin .312" ERW
Weld	WELD		10.742	2.1	Begin .375" ERW Bend
Weld	WELD		4.592	2.1	Heavy Wall Begin
Weld	WELD		10.842	2.2	Begin .375" ERW Bend
Weld	WELD		9.192	2.1	Begin .312" ERW
Weld	WELD		10.600	2.2	Begin .375" ERW Bend

Welds with Comments

EMPCO-ARKGOV007116

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	2.875	2.1	Begin .312" ERW
Weld	WELD		50.425	2.1	Girth Weld Anomaly
Weld	WELD		50.150	2.1	Sleeves Weld Begin
Weld	WELD		49.825	2.1	Sleeves Weld End
Weld	WELD		51.192	2.1	Girth Weld Anomaly
Weld	WELD		47.475	2.1	Girth Weld Anomaly
Weld	WELD		48.242	2.1	Sleeve Weld
Weld	WELD		48.983	2.1	Sleeve Weld
Weld	WELD		47.783	2.1	Girth Weld Anomaly
Weld	WELD		49.600	2.1	Girth Weld Anomaly
Weld	WELD		46.675	2.1	Sleeve Weld
Weld	WELD		46.458	2.1	Sleeve Weld
Weld	WELD		44.083	2.1	Girth Weld Anomaly
Weld	WELD		47.825	2.1	Girth Weld Anomaly
Weld	WELD		7.067	2.1	Begin .375" ERW
Weld	WELD		44.850	2.1	Begin .312" ERW
Weld	WELD		34.300	2.1	Girth Weld Anomaly
Weld	WELD		46.925	2.1	Sleeve Weld
Weld	WELD		48.467	2.1	Sleeve Weld
Weld	WELD		48.125	2.1	Sleeve Weld
Weld	WELD		48.658	2.1	Girth Weld Anomaly
Weld	WELD		47.650	2.1	Girth Weld Anomaly
Weld	WELD		49.550	2.1	Girth Weld Anomaly
Weld	WELD		47.808	2.1	Girth Weld Anomaly
Weld	WELD		46.158	2.1	Girth Weld Anomaly
Weld	WELD		49.400	2.1	Girth Weld Anomaly
Weld	WELD		50.392	2.1	Girth Weld Anomaly
Weld	WELD		43.692	2.1	Girth Weld Anomaly
Weld	WELD		44.442	2.1	Girth Weld Anomaly
Weld	WELD		49.408	2.1	Girth Weld Anomaly
Weld	WELD		44.300	2.1	Girth Weld Anomaly

EMPCO-ARKGOV007117

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	50.400	2.1	Girth Weld Anomaly
Weld	WELD		48.733	2.1	Girth Weld Anomaly
Weld	WELD		44.983	2.1	Girth Weld Anomaly
Weld	WELD		49.692	2.1	Girth Weld Anomaly
Weld	WELD		50.083	2.1	Girth Weld Anomaly
Weld	WELD		44.408	2.1	Girth Weld Anomaly
Weld	WELD		45.625	2.1	Girth Weld Anomaly
Weld	WELD		48.358	2.1	Girth Weld Anomaly
Weld	WELD		45.142	2.1	Sleeves Weld Begin
Weld	WELD		40.650	2.1	Sleeves Weld End
Weld	WELD		1.925	2.2	Begin .500" SMLS
Weld	WELD		43.542	2.2	Begin .500" ERW
Weld	WELD		1.317	2.1	Begin .312" ERW
Weld	WELD		49.425	2.1	Sleeve Weld
Weld	WELD		44.917	2.1	Sleeve Weld
Weld	WELD		49.517	2.1	Sleeves Weld Begin
Weld	WELD		45.825	2.1	Sleeves Weld End
Weld	WELD		47.950	2.1	Sleeve Weld
Weld	WELD		43.500	2.1	Sleeve Weld
Weld	WELD		45.033	2.1	Sleeve Weld
Weld	WELD		49.867	2.1	Girth Weld Anomaly
Weld	WELD		10.583	2.1	Begin .375" ERW Bend
Weld	WELD		4.142	2.1	Begin .312" ERW
Weld	WELD		10.608	2.2	Begin .375" ERW Bend
Weld	WELD		4.750	2.2	Heavy Wall Begin
Weld	WELD		10.692	2.2	Begin .375" ERW Bend
Weld	WELD		7.400	2.0	Begin .312" ERW
Weld	WELD		10.400	2.2	Begin .375" ERW Bend
Weld	WELD		1.492	2.1	Begin .312" ERW
Weld	WELD		19.792	2.1	Begin .375" ERW
Weld	WELD		20.742	2.1	Begin .312" ERW

Welds with Comments

EMPCO-ARKGOV007118

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	49.483	2.1	Girth Weld Anomaly
Weld	WELD		48.825	2.1	Girth Weld Anomaly
Weld	WELD		45.183	2.1	Girth Weld Anomaly
Weld	WELD		46.292	2.1	Girth Weld Anomaly
Weld	WELD		50.183	2.1	Girth Weld Anomaly
Weld	WELD		47.892	2.1	Girth Weld Anomaly
Weld	WELD		0.992	2.2	Sleeve Weld
Weld	WELD		39.950	2.2	Begin .500" ERW
Weld	WELD		44.575	2.2	Begin .500" SMLS
Weld	WELD		39.958	2.2	Begin .500" ERW
Weld	WELD		43.775	2.2	Begin .500" SMLS
Weld	WELD		39.967	2.2	Begin .500" ERW
Weld	WELD		44.442	2.2	Begin .500" SMLS
Weld	WELD		39.917	2.2	Begin .500" ERW
Weld	WELD		35.133	2.2	Begin .500" SMLS
Weld	WELD		43.425	2.1	Begin .281" ERW X52
Weld	WELD		1.025	2.2	Begin .500" SMLS
Weld	WELD		39.908	2.2	Begin .500" ERW
Weld	WELD		30.375	2.2	Begin .500" SMLS
Weld	WELD		38.992	2.2	Begin .500" ERW
Weld	WELD		43.533	2.2	Begin .500" SMLS
Weld	WELD		39.767	2.2	Begin .500" ERW
Weld	WELD		42.783	2.2	Begin .500" SMLS
Weld	WELD		40.017	2.2	Begin .500" ERW
Weld	WELD		39.833	2.2	Begin .500" SMLS
Weld	WELD		39.967	2.2	Begin .500" ERW
Weld	WELD		39.958	2.2	Begin .500" SMLS
Weld	WELD		39.958	2.2	Begin .500" ERW
Weld	WELD		13.042	2.2	Begin .500" SMLS
Weld	WELD		39.950	2.2	Begin .500" ERW
Weld	WELD		39.833	2.2	Begin .500" SMLS

EMPCO-ARKGOV007119

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	39.883	2.2	Begin .500" ERW
Weld	WELD		43.333	2.2	Begin .500" SMLS
Weld	WELD		37.642	2.2	Begin .500" ERW
Weld	WELD		28.100	2.2	Begin .500" SMLS
Weld	WELD		39.917	2.2	Begin .500" ERW
Weld	WELD		21.725	2.2	Begin .500" SMLS
Weld	WELD		39.950	2.2	Begin .500" ERW
Weld	WELD		42.842	2.2	Begin .500" SMLS
Weld	WELD		39.908	2.2	Begin .500" ERW
Weld	WELD		40.992	2.2	Begin .500" SMLS
Weld	WELD		39.900	2.2	Begin .500" ERW
Weld	WELD		40.267	2.2	Begin .500" SMLS
Weld	WELD		40.000	2.2	Begin .500" ERW
Weld	WELD		40.433	2.2	Begin .500" SMLS
Weld	WELD		39.892	2.2	Begin .500" ERW
Weld	WELD		42.192	2.2	Begin .500" SMLS
Weld	WELD		39.808	2.2	Begin .500" ERW
Weld	WELD		43.192	2.2	Begin .500" SMLS
Weld	WELD		39.925	2.2	Begin .500" ERW
Weld	WELD		42.817	2.2	Begin .500" SMLS
Weld	WELD		37.250	2.2	Begin .500" ERW
Weld	WELD		39.925	2.2	Begin .500" ERW
Weld	WELD		43.158	2.2	Begin .500" SMLS
Weld	WELD		39.892	2.2	Begin .500" ERW
Weld	WELD		42.850	2.2	Begin .500" SMLS
Weld	WELD		39.900	2.2	Begin .500" ERW
Weld	WELD		40.133	2.2	Begin .500" SMLS
Weld	WELD		39.875	2.2	Begin .500" ERW
Weld	WELD		40.383	2.2	Begin .500" SMLS
Weld	WELD		0.875	2.1	Begin .312" ERW
Weld	WELD		6.850	2.1	Sleeve Weld

EMPCO-ARKGOV007120

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	3.425	2.1	Begin .375" ERW
Weld	WELD		4.900	2.1	Heavy Wall Begin
Weld	WELD		3.325	2.2	Begin .375" ERW
Weld	WELD		18.108	2.1	Begin .312" ERW
Weld	WELD		45.950	2.1	Girth Weld Anomaly
Weld	WELD		47.933	2.1	Girth Weld Anomaly
Weld	WELD		48.658	2.1	Girth Weld Anomaly
Weld	WELD		44.175	2.1	Girth Weld Anomaly
Weld	WELD		2.083	2.1	Begin .375" ERW
Weld	WELD		4.708	2.1	Heavy Wall Begin
Weld	WELD		2.008	2.1	Begin .375" ERW
Weld	WELD		21.325	2.1	Begin .312" ERW
Weld	WELD		49.300	2.1	Girth Weld Anomaly
Weld	WELD		48.067	2.1	Girth Weld Anomaly
Weld	WELD		50.208	2.1	Girth Weld Anomaly
Weld	WELD		49.058	2.1	Girth Weld Anomaly
Weld	WELD		46.500	2.1	Girth Weld Anomaly
Weld	WELD		39.733	2.1	Girth Weld Anomaly
Weld	WELD		49.875	2.1	Girth Weld Anomaly
Weld	WELD		43.325	2.1	Girth Weld Anomaly
Weld	WELD		1.983	2.2	Begin .500" SMLS
Weld	WELD		42.458	2.2	Girth Weld Anomaly
Weld	WELD		42.075	2.2	Sleeves Weld Begin
Weld	WELD		43.450	2.2	Sleeves Weld End
Weld	WELD		37.317	2.2	Sleeves Weld Begin
Weld	WELD		30.375	2.2	Sleeves Weld End Repaired 9/14/00
Weld	WELD		26.000	2.2	Girth Weld Anomaly
Weld	WELD		2.283	2.1	Begin .375" ERW
Weld	WELD		4.908	2.1	Heavy Wall Begin
Weld	WELD		2.308	2.3	Begin .375" ERW
Weld	WELD		8.400	2.2	Begin 500" SMLS

EMPCO-ARKGOV007121

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	43.933	2.1	Begin .312" ERW
Weld	WELD		43.483	2.1	Girth Weld Anomaly
Weld	WELD		46.992	2.1	Girth Weld Anomaly
Weld	WELD		47.983	2.1	Girth Weld Anomaly
Weld	WELD		3.233	2.1	Girth Weld Anomaly
Weld	WELD		42.358	2.1	Girth Weld Anomaly
Weld	WELD		49.700	2.1	Girth Weld Anomaly
Weld	WELD		48.217	2.1	Girth Weld Anomaly
Weld	WELD		45.992	2.1	Girth Weld Anomaly
Weld	WELD		48.808	2.1	Girth Weld Anomaly
Weld	WELD		49.733	2.1	Girth Weld Anomaly
Weld	WELD		49.892	2.1	Girth Weld Anomaly
Weld	WELD		40.117	2.1	Girth Weld Anomaly
Weld	WELD		45.592	2.1	Girth Weld Anomaly
Weld	WELD		48.042	2.1	Girth Weld Anomaly
Weld	WELD		45.725	2.1	Girth Weld Anomaly
Weld	WELD		45.650	2.1	Girth Weld Anomaly
Weld	WELD		35.300	2.1	Girth Weld Anomaly
Weld	WELD		49.608	2.1	Girth Weld Anomaly
Weld	WELD		45.267	2.1	Girth Weld Anomaly
Weld	WELD		44.158	2.1	Girth Weld Anomaly
Weld	WELD		46.433	2.1	Girth Weld Anomaly
Weld	WELD		43.292	2.1	Girth Weld Anomaly
Weld	WELD		9.025	2.1	Girth Weld Anomaly
Weld	WELD		2.075	2.2	Begin .500" ERW
Weld	WELD		4.492	2.1	Heavy Wall Begin
Weld	WELD		2.058	2.1	Begin .375" ERW
Weld	WELD		32.600	2.1	Begin .312" ERW
Weld	WELD		45.142	2.1	Girth Weld Anomaly
Weld	WELD		48.867	2.1	Girth Weld Anomaly
Weld	WELD		46.658	2.1	Girth Weld Anomaly

EMPCO-ARKGOV007122

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	46.950	2.1	Girth Weld Anomaly
Weld	WELD		45.975	2.1	Girth Weld Anomaly
Weld	WELD		46.408	2.1	Girth Weld Anomaly
Weld	WELD		46.075	2.1	Girth Weld Anomaly
Weld	WELD		48.550	2.1	Girth Weld Anomaly
Weld	WELD		45.192	2.1	Girth Weld Anomaly
Weld	WELD		49.142	2.1	Girth Weld Anomaly
Weld	WELD		49.650	2.1	Girth Weld Anomaly
Weld	WELD		46.017	2.1	Girth Weld Anomaly
Weld	WELD		49.200	2.1	Girth Weld Anomaly
Weld	WELD		51.292	2.1	Girth Weld Anomaly
Weld	WELD		49.908	2.1	Girth Weld Anomaly
Weld	WELD		48.625	2.1	Girth Weld Anomaly
Weld	WELD		47.825	2.1	Girth Weld Anomaly
Weld	WELD		40.950	2.1	Girth Weld Anomaly
Weld	WELD		48.233	2.1	Girth Weld Anomaly
Weld	WELD		44.083	2.1	Girth Weld Anomaly
Weld	WELD		51.733	2.1	Girth Weld Anomaly
Weld	WELD		45.842	2.1	Girth Weld Anomaly
Weld	WELD		47.142	2.1	Girth Weld Anomaly
Weld	WELD		49.617	2.1	Girth Weld Anomaly
Weld	WELD		49.783	2.1	Girth Weld Anomaly
Weld	WELD		45.858	2.1	Girth Weld Anomaly
Weld	WELD		45.517	2.1	Girth Weld Anomaly
Weld	WELD		49.833	2.1	Girth Weld Anomaly
Weld	WELD		48.500	2.1	Girth Weld Anomaly
Weld	WELD		48.325	2.1	Girth Weld Anomaly
Weld	WELD		47.925	2.1	Girth Weld Anomaly
Weld	WELD		48.508	2.1	Girth Weld Anomaly
Weld	WELD		49.983	2.1	Girth Weld Anomaly
Weld	WELD		47.683	2.1	Girth Weld Anomaly

EMPCO-ARKGOV007123

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	48.967	2.1	Girth Weld Anomaly
Weld	WELD		47.833	2.1	Girth Weld Anomaly
Weld	WELD		48.925	2.1	Girth Weld Anomaly
Weld	WELD		47.217	2.1	Girth Weld Anomaly
Weld	WELD		50.425	2.1	Girth Weld Anomaly
Weld	WELD		45.375	2.1	Girth Weld Anomaly
Weld	WELD		47.217	2.1	Girth Weld Anomaly
Weld	WELD		47.242	2.1	Girth Weld Anomaly
Weld	WELD		47.508	2.1	Girth Weld Anomaly
Weld	WELD		47.508	2.1	Girth Weld Anomaly
Weld	WELD		47.350	2.1	Girth Weld Anomaly
Weld	WELD		1.983	2.2	Begin .500" SMLS
Weld	WELD		44.233	2.1	Begin .312" ERW
Weld	WELD		45.775	2.1	Girth Weld Anomaly
Weld	WELD		47.233	2.1	Girth Weld Anomaly
Weld	WELD		45.575	2.1	Girth Weld Anomaly
Weld	WELD		45.042	2.1	Girth Weld Anomaly
Weld	WELD		45.283	2.1	Girth Weld Anomaly
Weld	WELD		34.008	2.1	Girth Weld Anomaly
Weld	WELD		44.367	2.1	Girth Weld Anomaly
Weld	WELD		1.992	2.2	Begin .500" SMLS
Weld	WELD		39.175	2.2	Girth Weld Anomaly
Weld	WELD		43.908	2.2	Girth Weld Anomaly
Weld	WELD		31.633	2.2	Girth Weld Anomaly
Weld	WELD		35.892	2.2	Girth Weld Anomaly
Weld	WELD		42.317	2.2	Girth Weld Anomaly
Weld	WELD		41.792	2.2	Girth Weld Anomaly
Weld	WELD		42.883	2.2	Girth Weld Anomaly
Weld	WELD		41.800	2.2	Girth Weld Anomaly
Weld	WELD		41.608	2.2	Girth Weld Anomaly
Weld	WELD		39.900	2.2	Possible Field Bend Joint

EMPCO-ARKGOV007124

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Joint Length (ft.)	Speed (mph)	Comments
Weld	WELD	(b) (7)(F)	41.575	2.2	Girth Weld Anomaly
Weld	WELD		41.092	2.2	Girth Weld Anomaly
Weld	WELD		15.167	2.2	Girth Weld Anomaly
Weld	WELD		33.767	2.2	Girth Weld Anomaly
Weld	WELD		41.917	2.2	Girth Weld Anomaly
Weld	WELD		4.725	2.1	Heavy Wall Begin
Weld	WELD		2.850	2.1	Begin .375" ERW
Weld	WELD		11.725	2.2	Begin .500" ERW
Weld	WELD		2.392	2.2	Heavy Wall Begin
Weld	WELD		1.100	2.2	Begin .500" ERW
Weld	WELD		0.000	2.2	Heavy Wall Begin

EMPCO-ARKGOV007125

Detailed Feature Description(s)

Image Format: TIFF
Image Width: 2608
Image Height: 3376
Bits: 1

3 Detailed Feature Description(s)

3.1 Dig Sheets and Screen Shots

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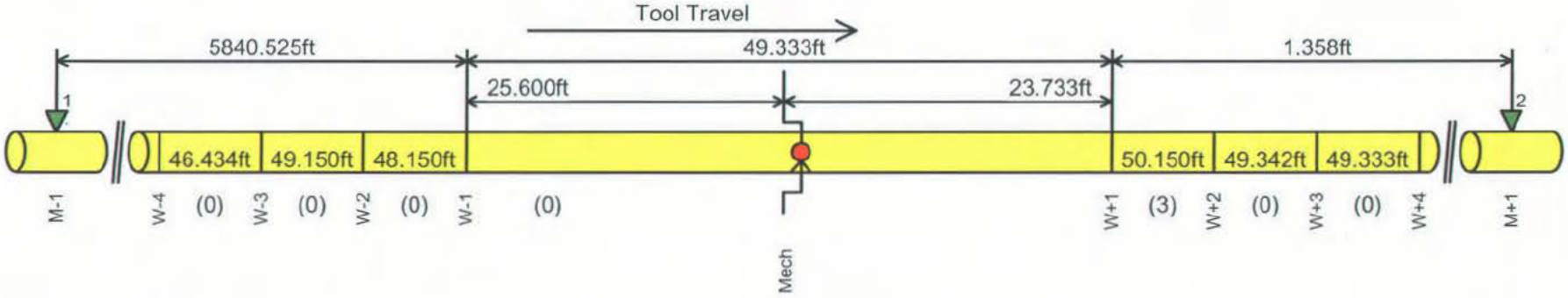
Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet



Mech : Dent
Top/Left : 5:50/571859.792ft
Distance : 571860.092ft
WT : 0.312"
Length : 12.20"
Depth : 0.63"
Clock : 6:25
Speed : 1.5mph
Comments :
(b)(7)(F) [redacted]
Elevation : 697.077

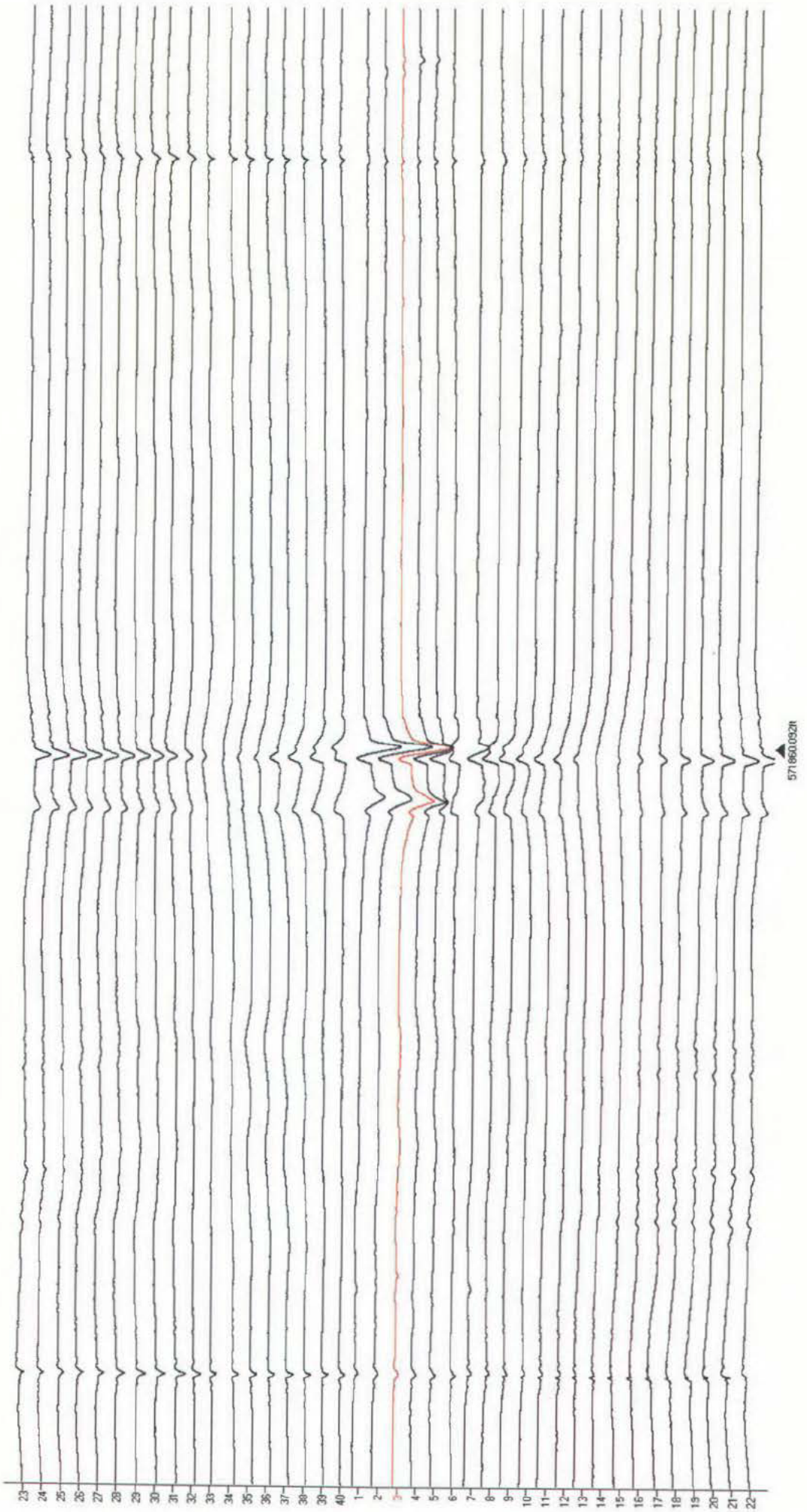
	Distance	Orientation	Comments
M-3	553077.017ft		AGM 11910+51 B.M. A225.64
M-2	557890.792ft		AGM 11862+22 B.M. A224.72
M-1	565993.967ft		AGM 11781+08 B.M. A223.19 (INS)
W-4	571690.758ft		
W-3	571737.192ft		
W-2	571786.342ft		
W-1	571834.492ft		
W+1	571883.825ft		
W+2	571933.975ft		
W+3	571983.317ft		
W+4	572032.650ft		
M+1	571885.183ft		AGM 11722+24 B.M. A222.07
M+2	579325.992ft		AGM 11647+79 B.M. A220.66
M+3	583121.092ft		AGM 11609+75 B.M. A219.94 (INS)

Width = 5.50"

Depth % = 3.17

3/21/2012 Print Number : 2

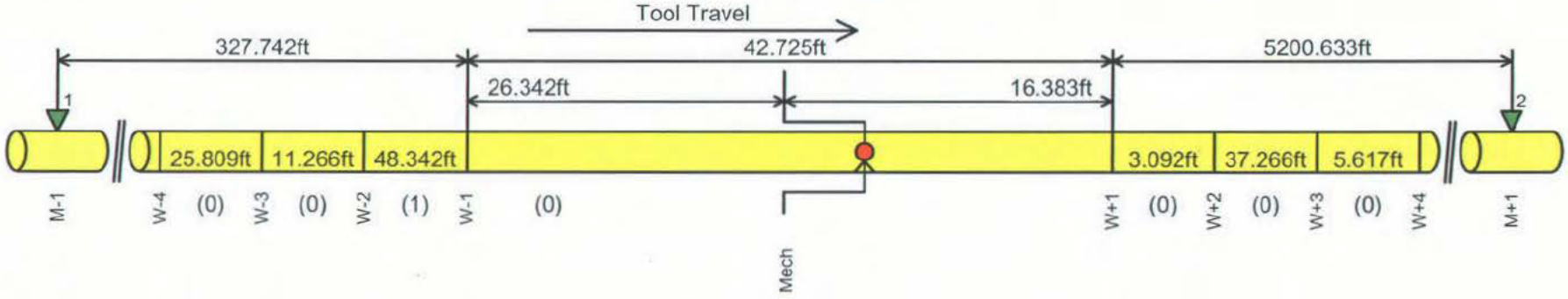
EMPCO-ARKGOV007128


571860.092ft
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet



Mech : Dent
Top/Left : 5:35/598397.983ft
Distance : 598398.242ft
WT : 0.312"
Length : 9.50"
Depth : 0.41"
Clock : 6:10
Speed : 1.5mph
Comments :
(b) (7)(F) [redacted] (b) (7)(F) [redacted]
Elevation : 400.883

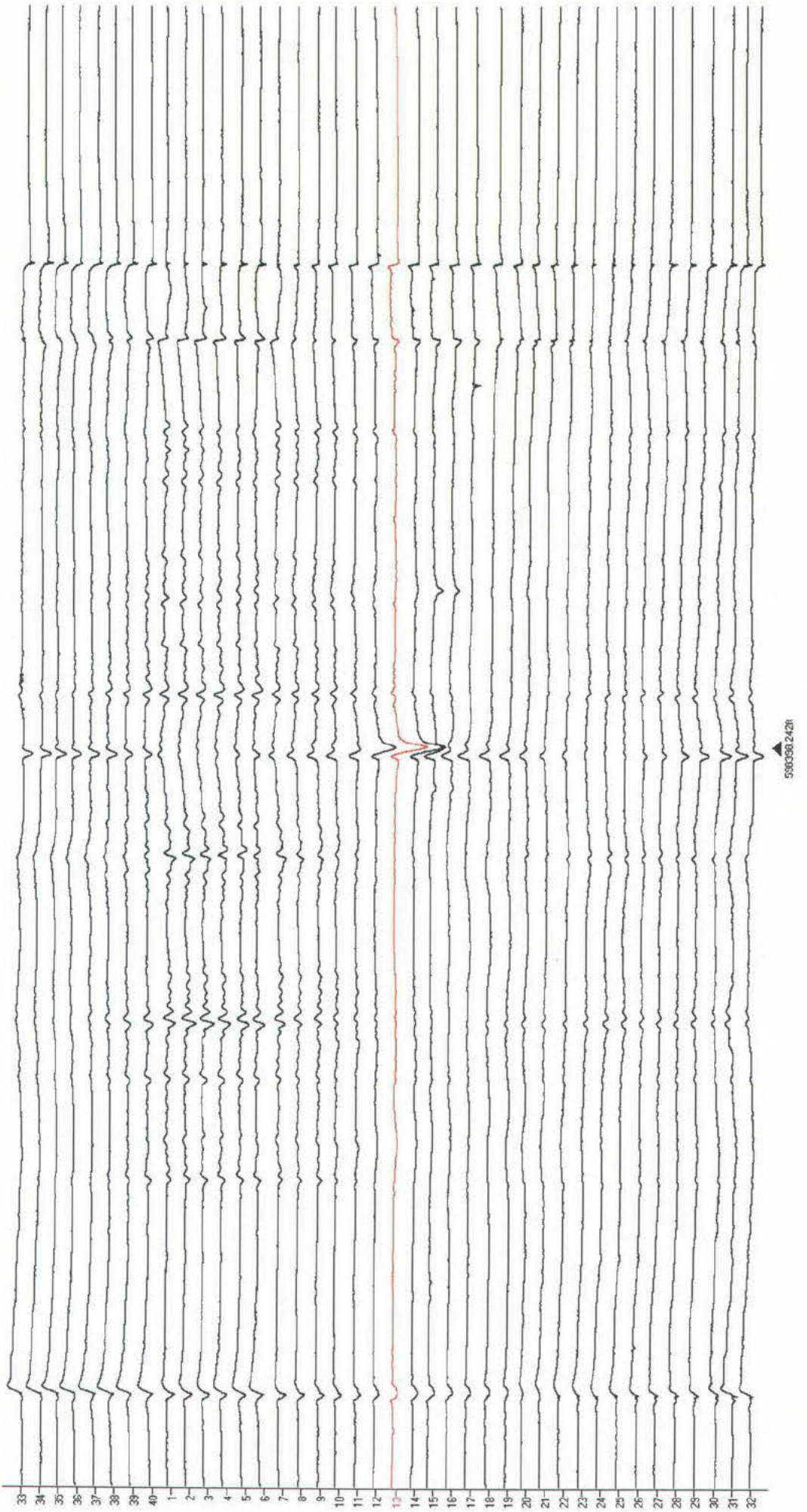
	Distance	Orientation	Comments
M-3	583121.092ft		AGM 11609+75 B.M. A219.94 (INS)
M-2	588948.342ft		AGM 11551+27 B.M. A218.83
M-1	598044.158ft		Valve B.V. # G31 11460+58 B.M. V217.12
W-4	598286.483ft		
W-3	598312.292ft		
W-2	598323.558ft		Girth Weld Anomaly
W-1	598371.900ft		Girth Weld Anomaly
W+1	598414.625ft	9:05	
W+2	598417.717ft		Begin .375" ERW
W+3	598454.983ft		Begin .312" ERW
W+4	598460.600ft		
M+1	603615.258ft		AGM 11404+79 B.M. A216.06
M+2	608671.233ft		AGM 11354+48 B.M. A215.11 (INS)
M+3	614068.292ft		AGM 11302+31 B.M. A214.12

Width = 4.20"

Depth % = 2.05

3/21/2012 Print Number : 2

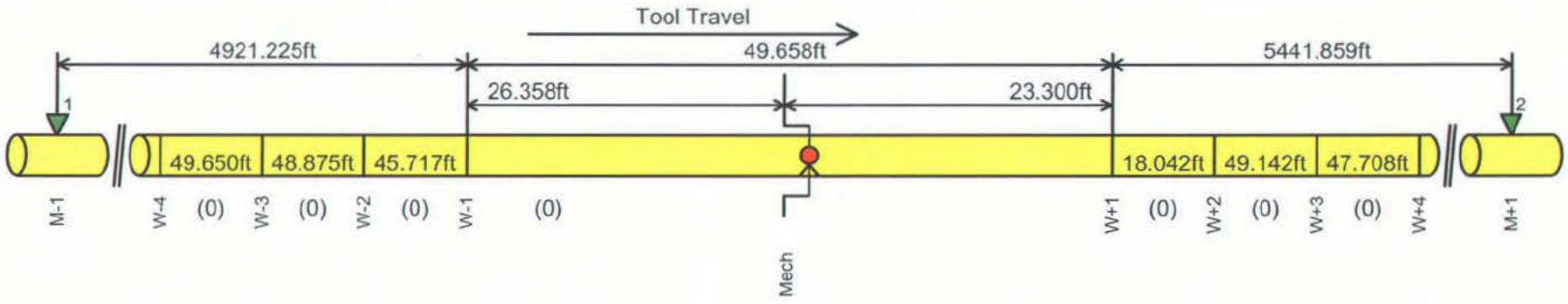
EMPCO-ARKGOV007130


33
34
35
36
37
38
39
40
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29
30
31
32
598398.242ft

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet



Mech	: Dent
Top/Left	: 10:35/772359.317ft
Distance	: 772359.483ft
WT	: 0.312"
Length	: 7.10"
Depth	: 0.44"
Clock	: 11:30
Speed	: 1.5mph
Comments	:
(b) (7)(F)	: (b) (7)(F)
Elevation	: 427.208

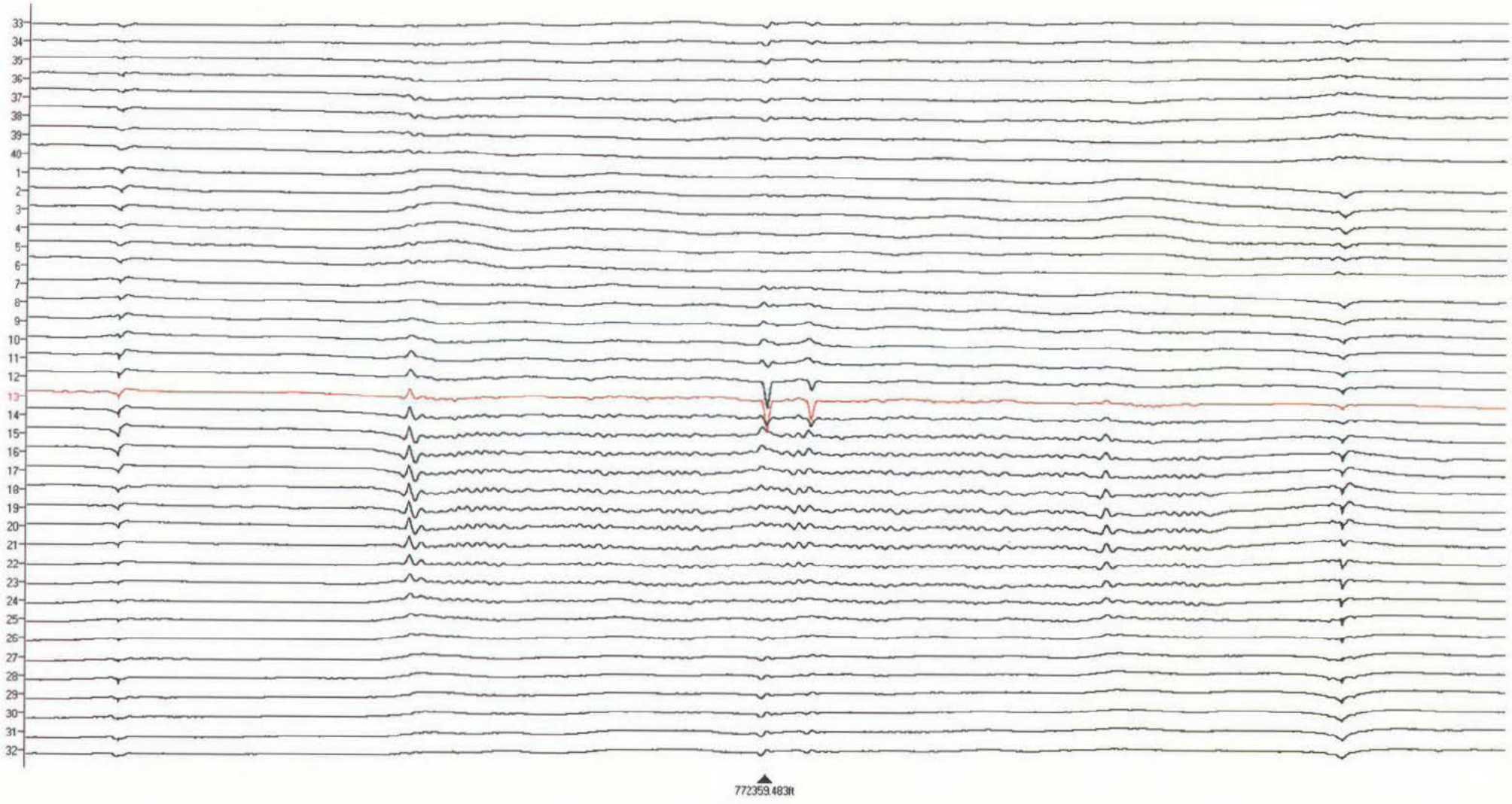
	Distance	Orientation	Comments
M-3	756406.417ft		AGM 9876+74 B.M. A187.12
M-2	761421.492ft		AGM 9826+82 B.M. A186.17 (INS)
M-1	767411.900ft		AGM 9765+11 B.M. A185.01
W-4	772188.883ft		
W-3	772238.533ft		
W-2	772287.408ft		
W-1	772333.125ft		
W+1	772382.783ft		Sleeve Weld Repaired 8/3/05 w/1.0' full sole
W+2	772400.825ft		Sleeve Weld
W+3	772449.967ft		
W+4	772497.675ft		
M+1	777824.642ft		Valve B.V. # G29 9662+26 B.M. V183.06
M+2	790410.383ft		AGM 9536+44 B.M. A180.67 (INS)
M+3	795347.283ft		AGM 9487+11 B.M. A179.74

Width = 3.60"

Depth % = 2.21

3/21/2012 Print Number : 2

EMPCO-ARKGOV007132

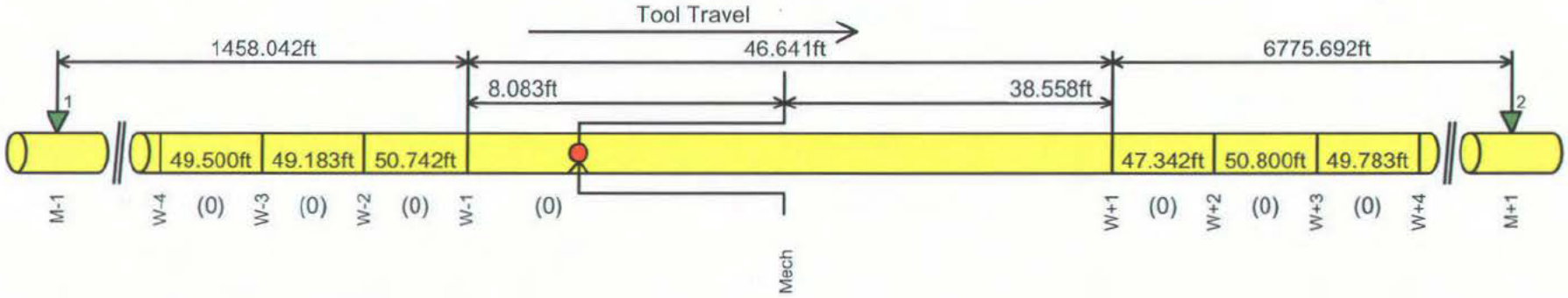


EMPCO-ARKGOV007133

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet



Mech	: Dent
Top/Left	: 12:55/904620.592ft
Distance	: 904620.775ft
WT	: 0.312"
Length	: 8.00"
Depth	: 0.40"
Clock	: 1:30
Speed	: 2.0mph
Comments	:
(b) (7)(F)	: (b) (7)(F)
Elevation	: 303.442

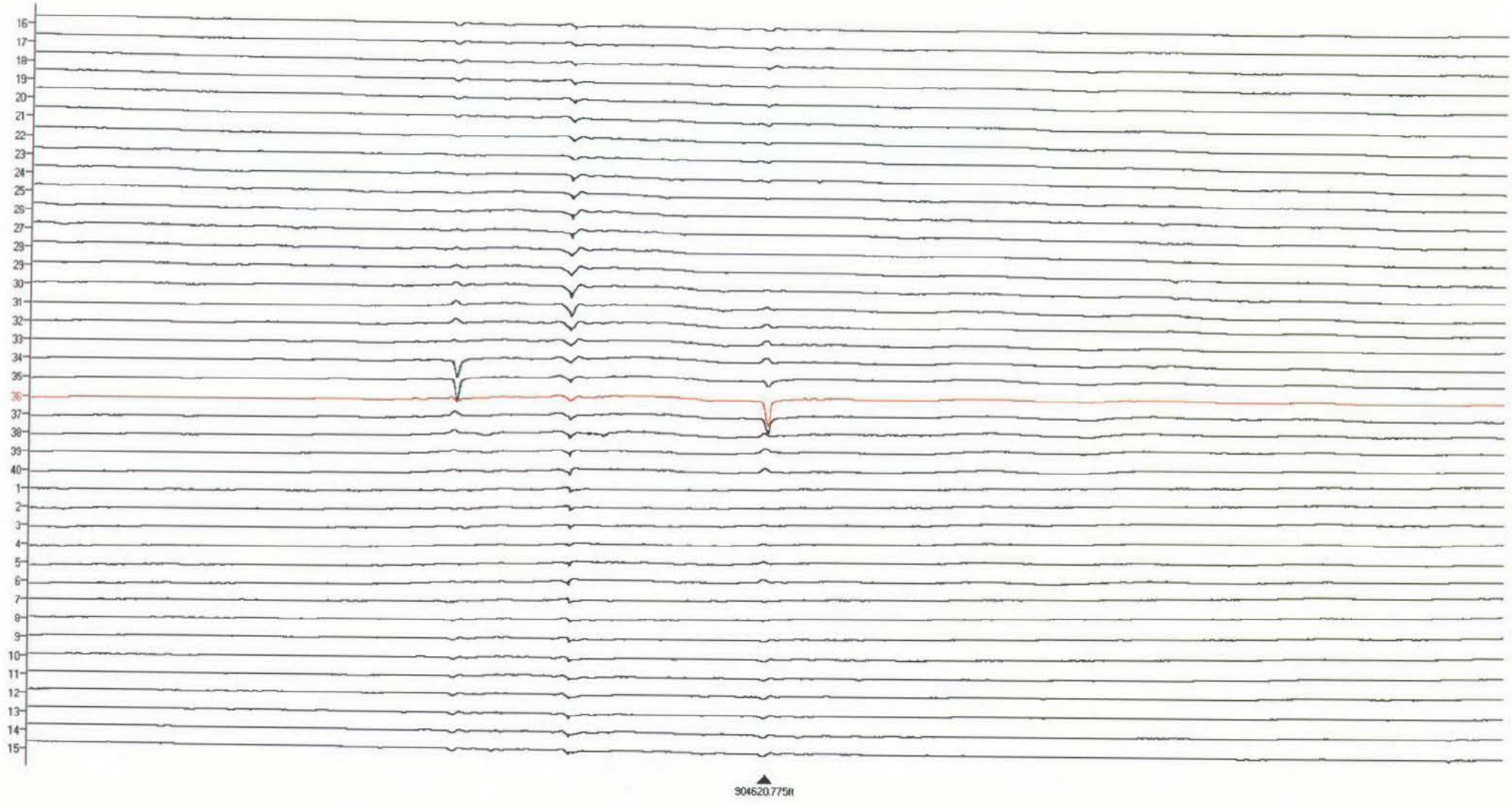
	Distance	Orientation	Comments
M-3	888330.933ft		AGM 8557+15 B.M. A162.13 (INS)
M-2	896088.808ft		Valve B.V. # G27 8479+04 B.M. V160.65
M-1	903154.650ft		Valve B.V. # G27A 8409+09 B.M. V159.32
W-4	904463.267ft		
W-3	904512.767ft		
W-2	904561.950ft		
W-1	904612.692ft		
W+1	904659.333ft		
W+2	904706.675ft		
W+3	904757.475ft		
W+4	904807.258ft		
M+1	911435.025ft		AGM 8326+24 B.M. A157.75
M+2	917316.758ft		AGM 8267+36 B.M. A156.64 (INS)
M+3	920558.017ft		AGM 8235+02 B.M. A156.03

Width = 2.90"

Depth % = 2.00

3/21/2012 Print Number : 2

EMPCO-ARKGOV007134

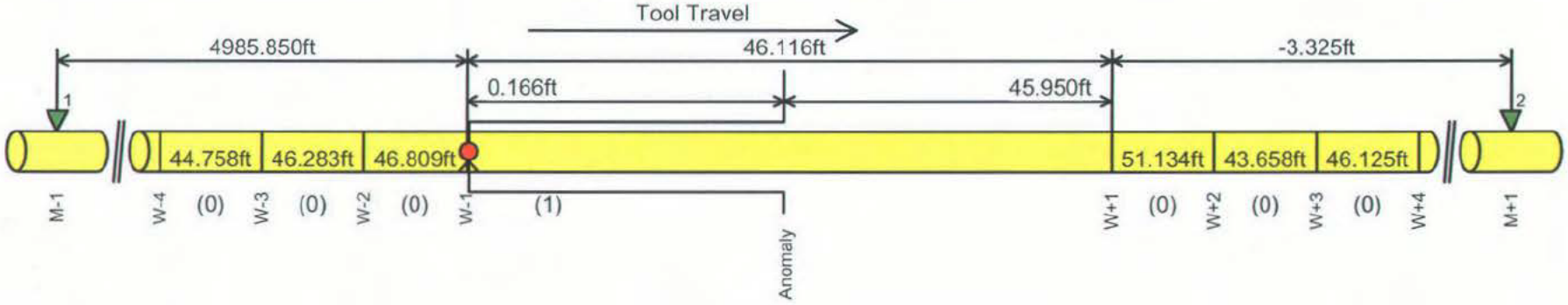


EMPCO-ARKGOV007135

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet

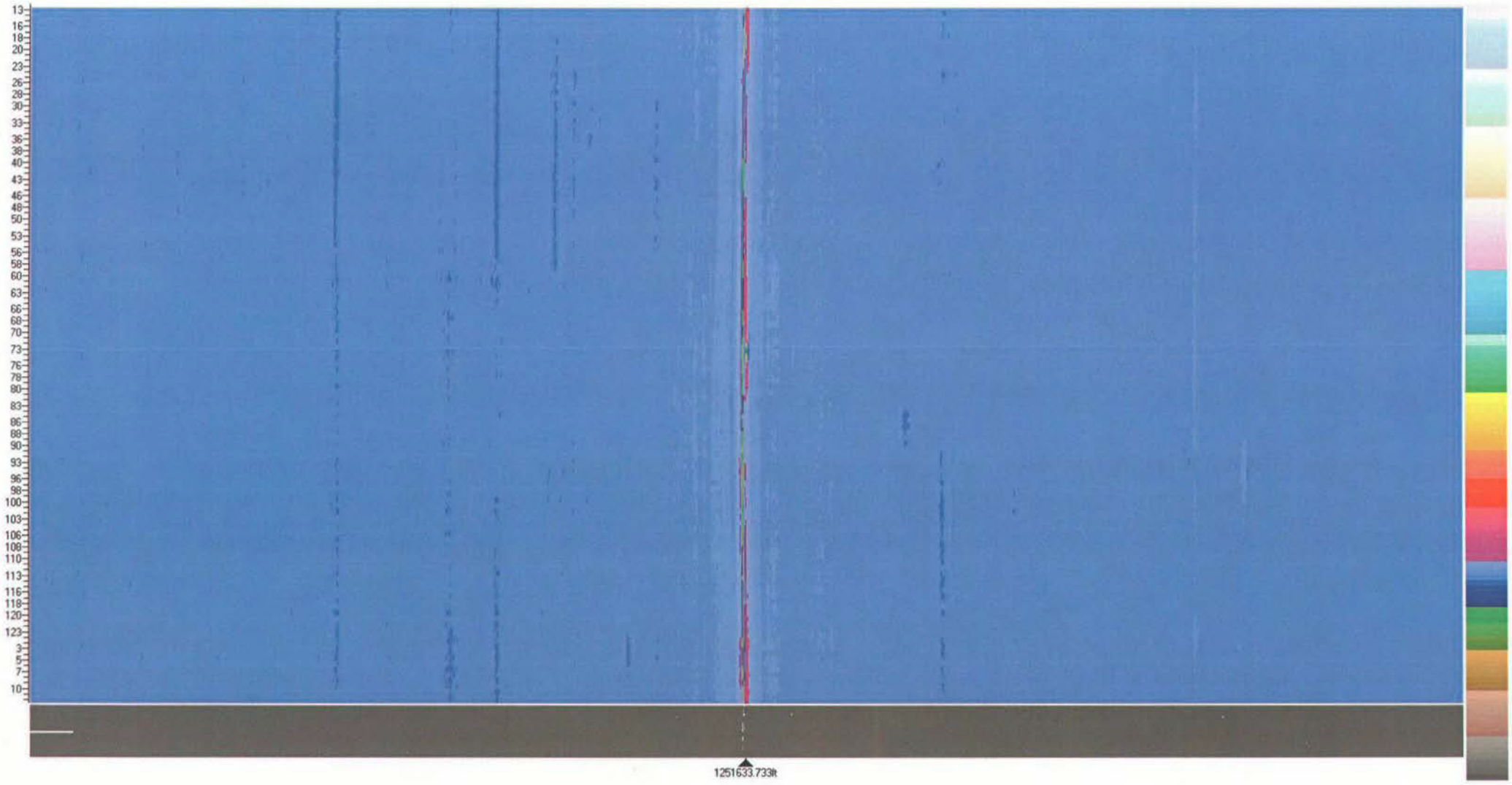


Anomaly	: Metal Loss
Top/Left	: 11:50/1251633.708ft
Distance	: 1251633.733ft
WT	: 0.312"
Length	: 0.70"
Width	: 1.10"
Depth	: 51%
Clock	: 0:00
Ratio	: 0.82
MAOP	: 943 psi
Speed	: 2.1mph
ID/OD	: Internal
Comments	:
(b) (7)(F)	: (b) (7)(F)
Elevation	: 502.618

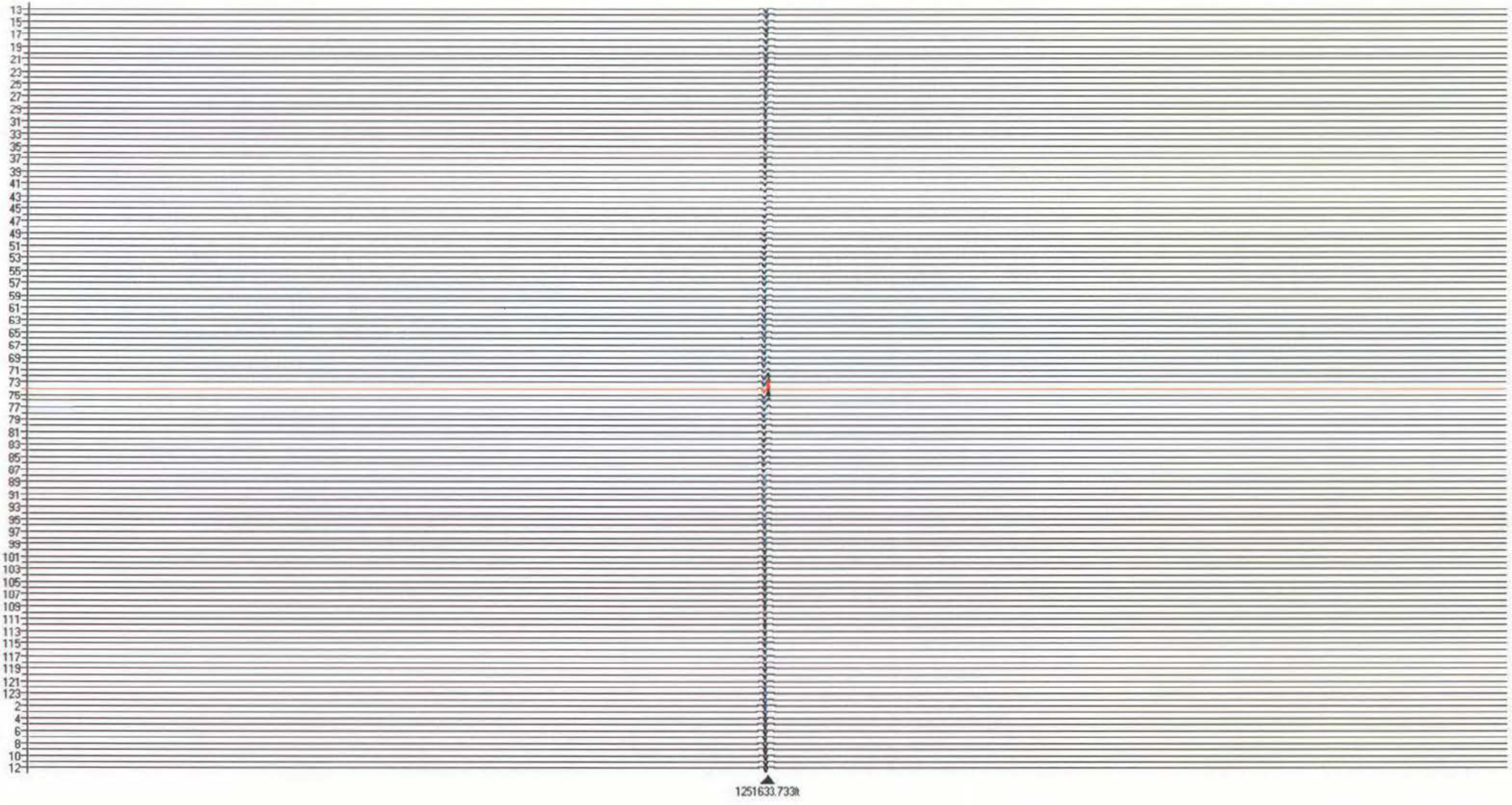
	Distance	Orientation	Comments
M-3	1235545.858ft		AGM 5088+87 B.M. A096.38 (INS)
M-2	1242760.325ft		AGM 5017+33 B.M. A095.03
M-1	1246647.717ft		AGM 4977+77 B.M. A094.28
W-4	1251495.717ft		
W-3	1251540.475ft		
W-2	1251586.758ft	11:10	
W-1	1251633.567ft	12:50	
W+1	1251679.683ft		
W+2	1251730.817ft		
W+3	1251774.475ft		
W+4	1251820.600ft		
M+1	1251676.358ft		AGM 4927+57 B.M. A093.33 (INS)
M+2	1257342.967ft		AGM 4870+90 B.M. A092.26
M+3	1263247.817ft		AGM 4811+47 B.M. A091.13

3/21/2012 Print Number : 2

EMPCO-ARKGOV007136



EMPCO-ARKGOV007137



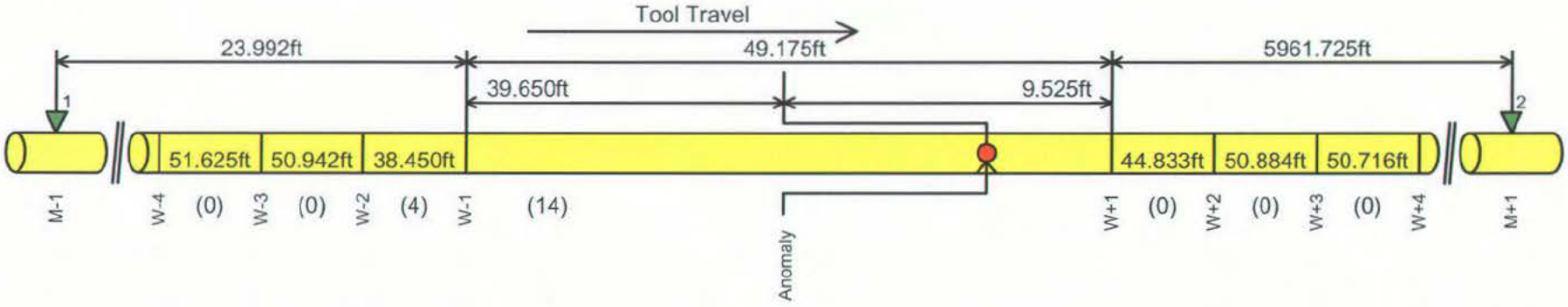
EMPCO-ARKGOV007138

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

NDT Systems & Services

Dig Information Sheet

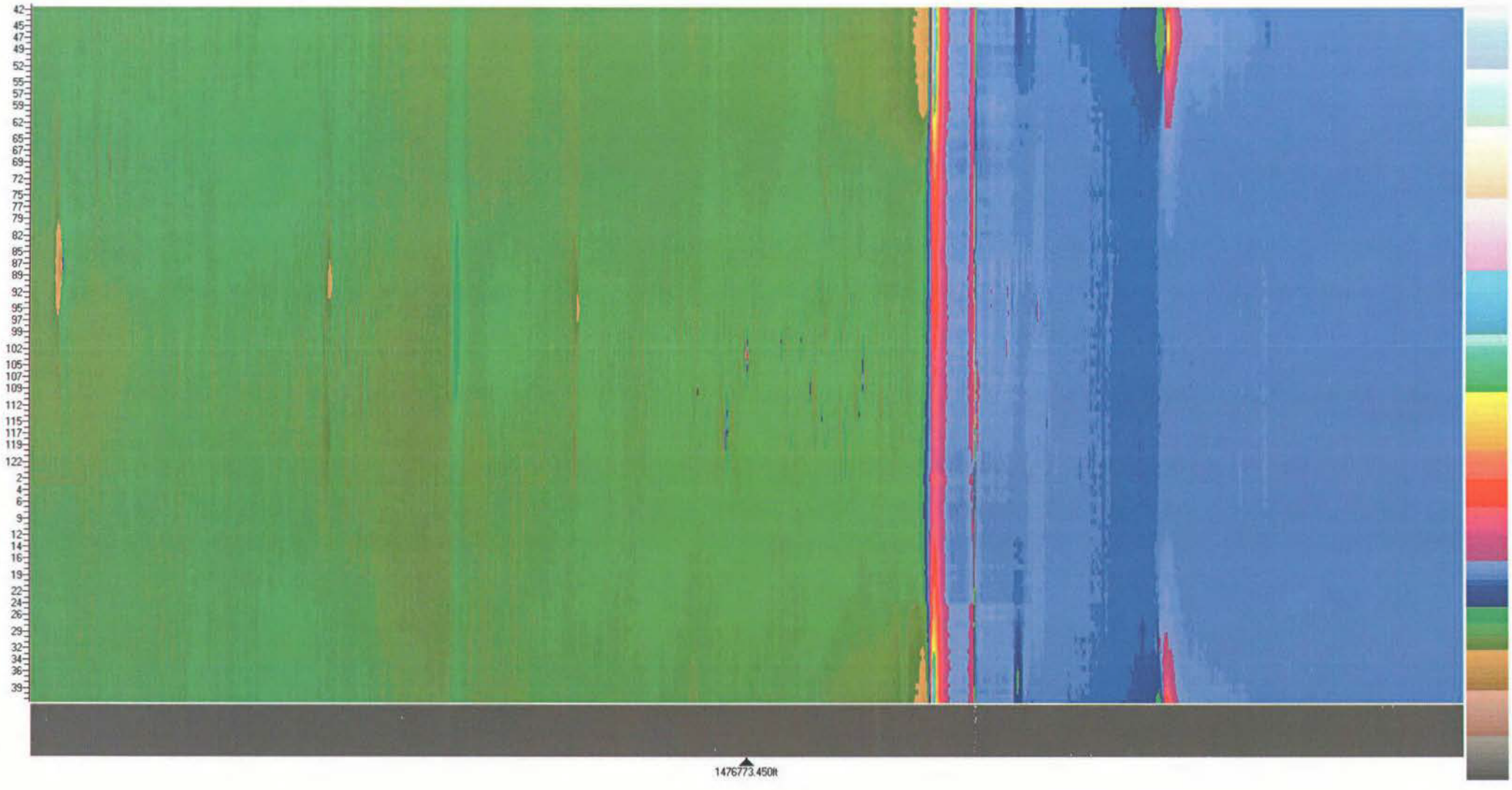


Anomaly	: Metal Loss
Top/Left	: 6:10/1476773.417ft
Distance	: 1476773.450ft
WT	: 0.312"
Length	: 0.90"
Width	: 1.20"
Depth	: 52%
Clock	: 6:10
Ratio	: 0.83
MAOP	: 943 psi
Speed	: 2.1mph
ID/OD	: External
Comments	:
(b) (7)(F)	[redacted]
Elevation	: 511.014

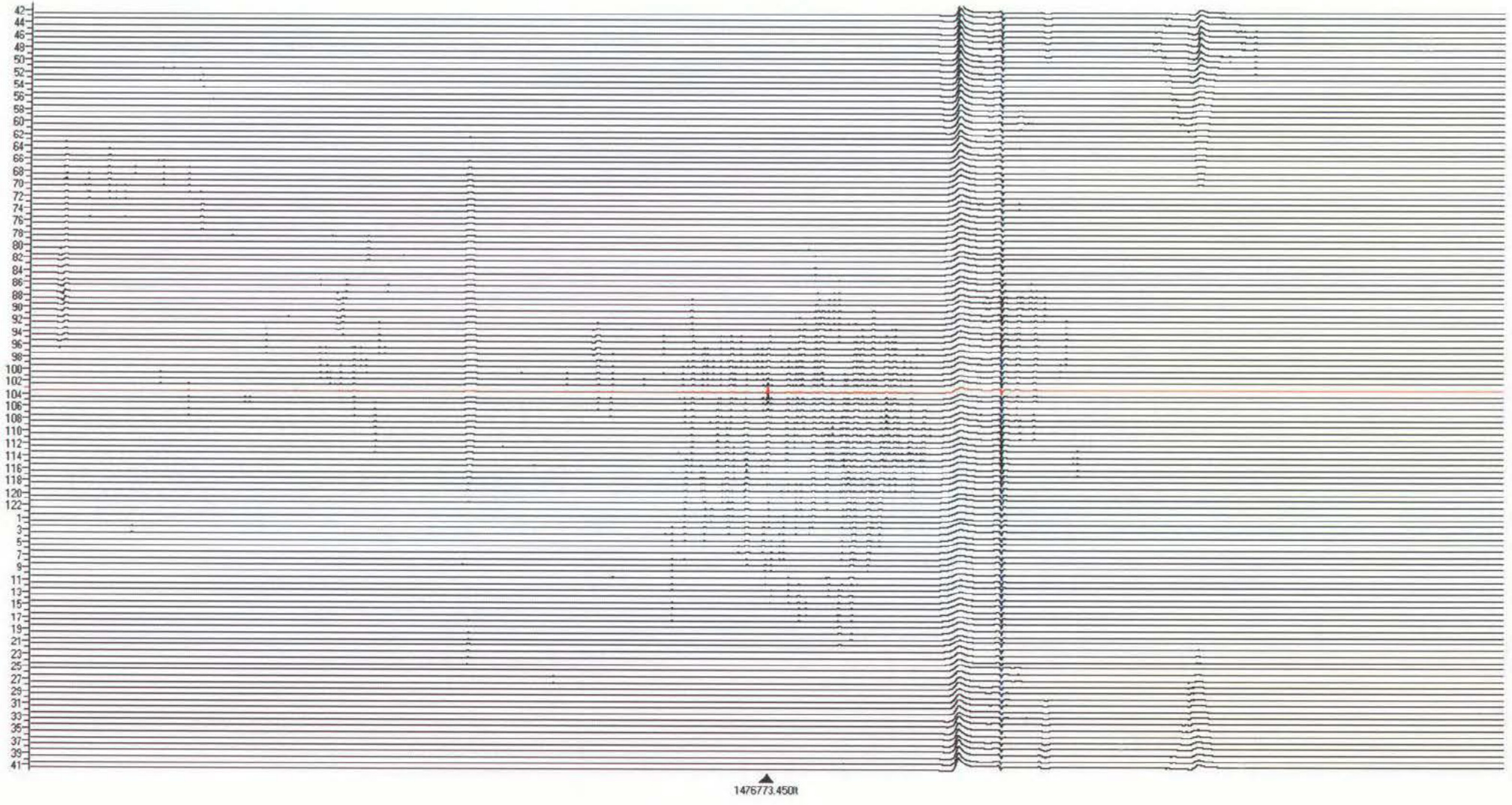
	Distance	Orientation	Comments
M-3	1462966.058ft		AGM 2814+50 B.M. A053.30 (INS)
M-2	1468879.858ft		AGM 2755+23 B.M. A052.18
M-1	1476709.808ft		AGM 2676+91 B.M. A050.70
W-4	1476592.783ft		
W-3	1476644.408ft		
W-2	1476695.350ft		
W-1	1476733.800ft		
W+1	1476782.975ft		
W+2	1476827.808ft		
W+3	1476878.692ft		
W+4	1476929.408ft		
M+1	1482744.700ft		AGM 2626+50 B.M. A049.55 (INS)
M+2	1487514.775ft		AGM 2569+39 B.M. A048.66
M+3	1493469.250ft		AGM 2509+30 B.M. A047.52

3/21/2012 Print Number : 2

EMPCO-ARKGOV007139



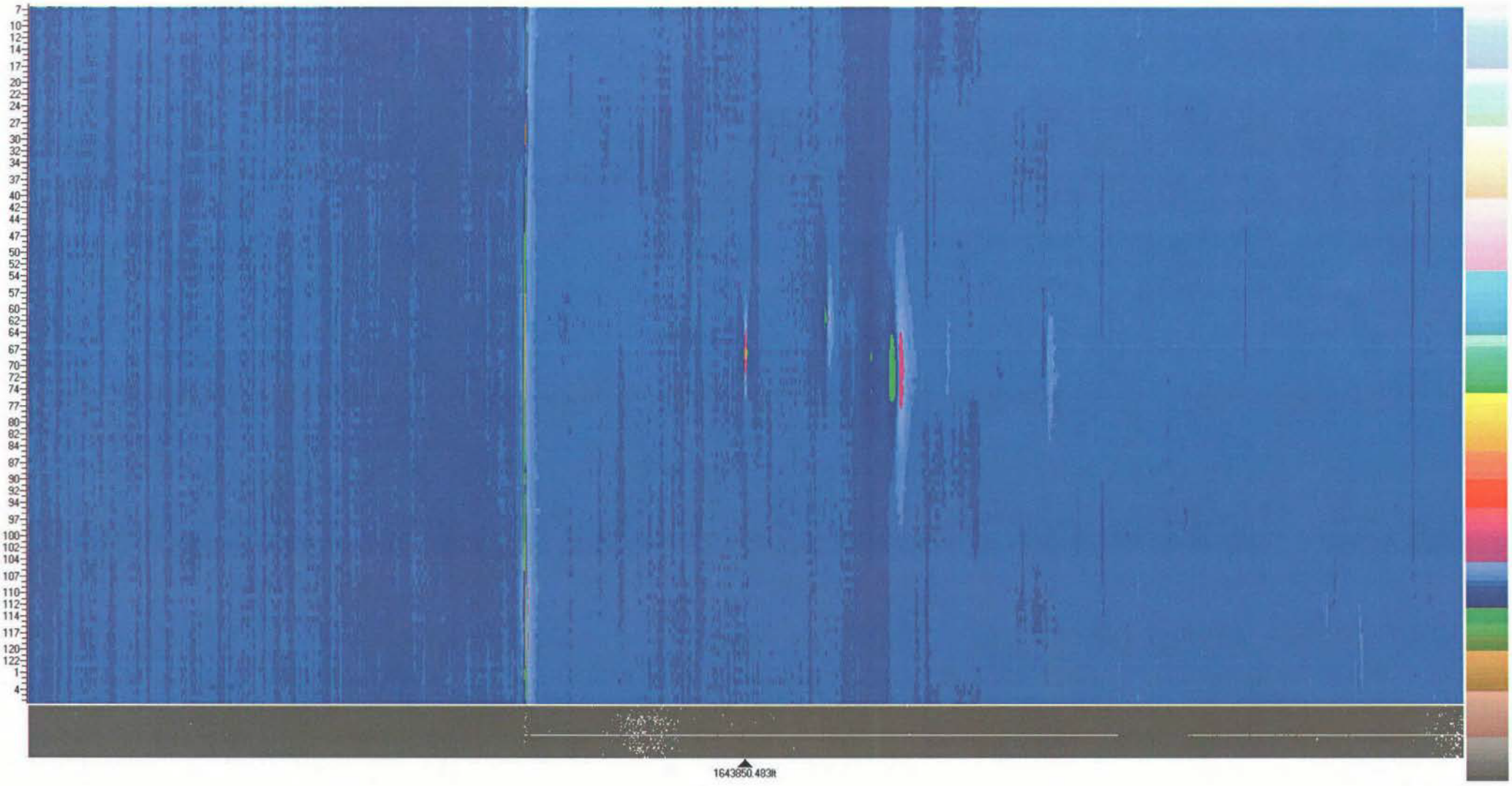
EMPCO-ARKGOV007140



EMPCO-ARKGOV007141

(b) (7)(F)

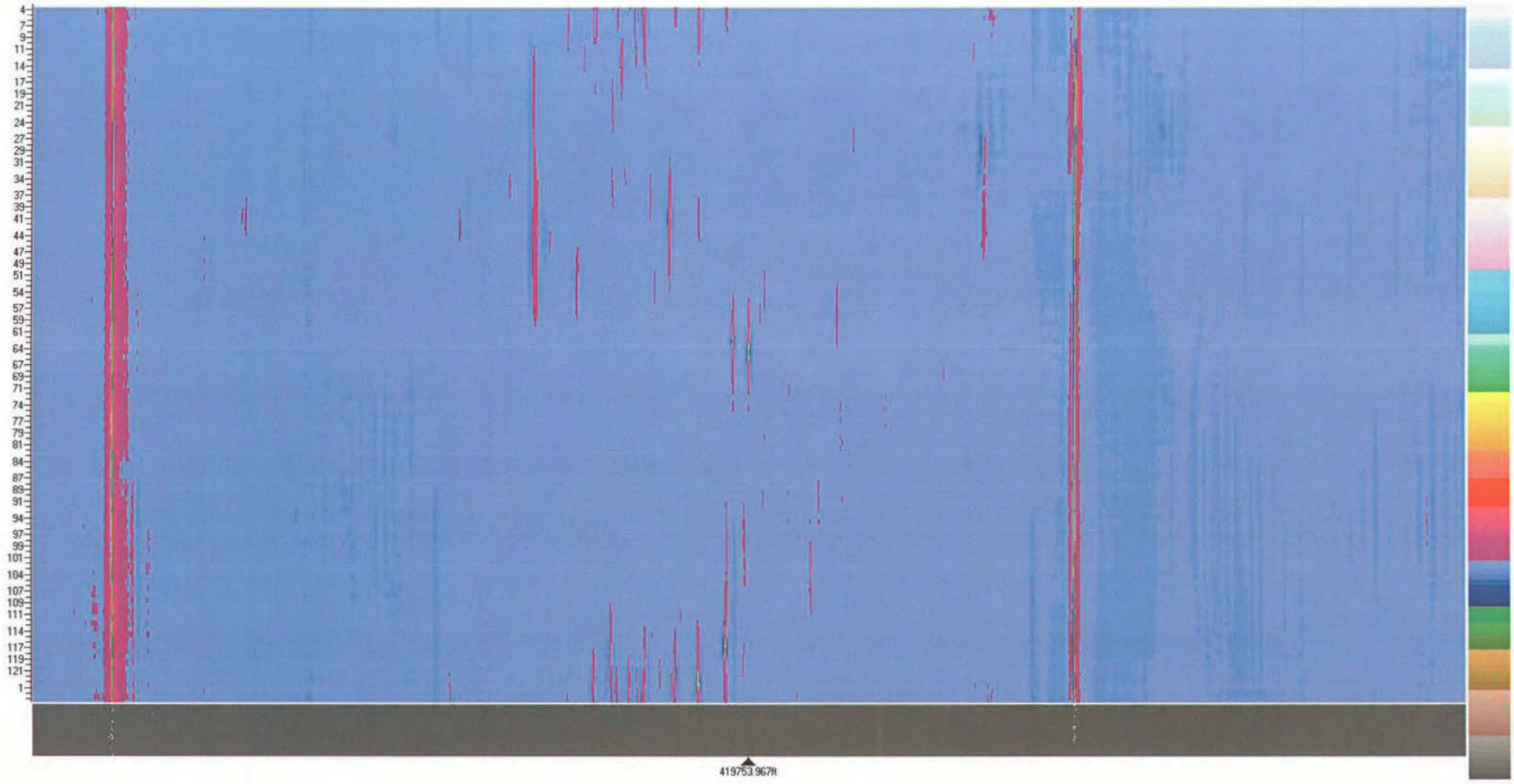
(b) (7)(F)



EMPCO-ARKGOV007143

(b) (7)(F)

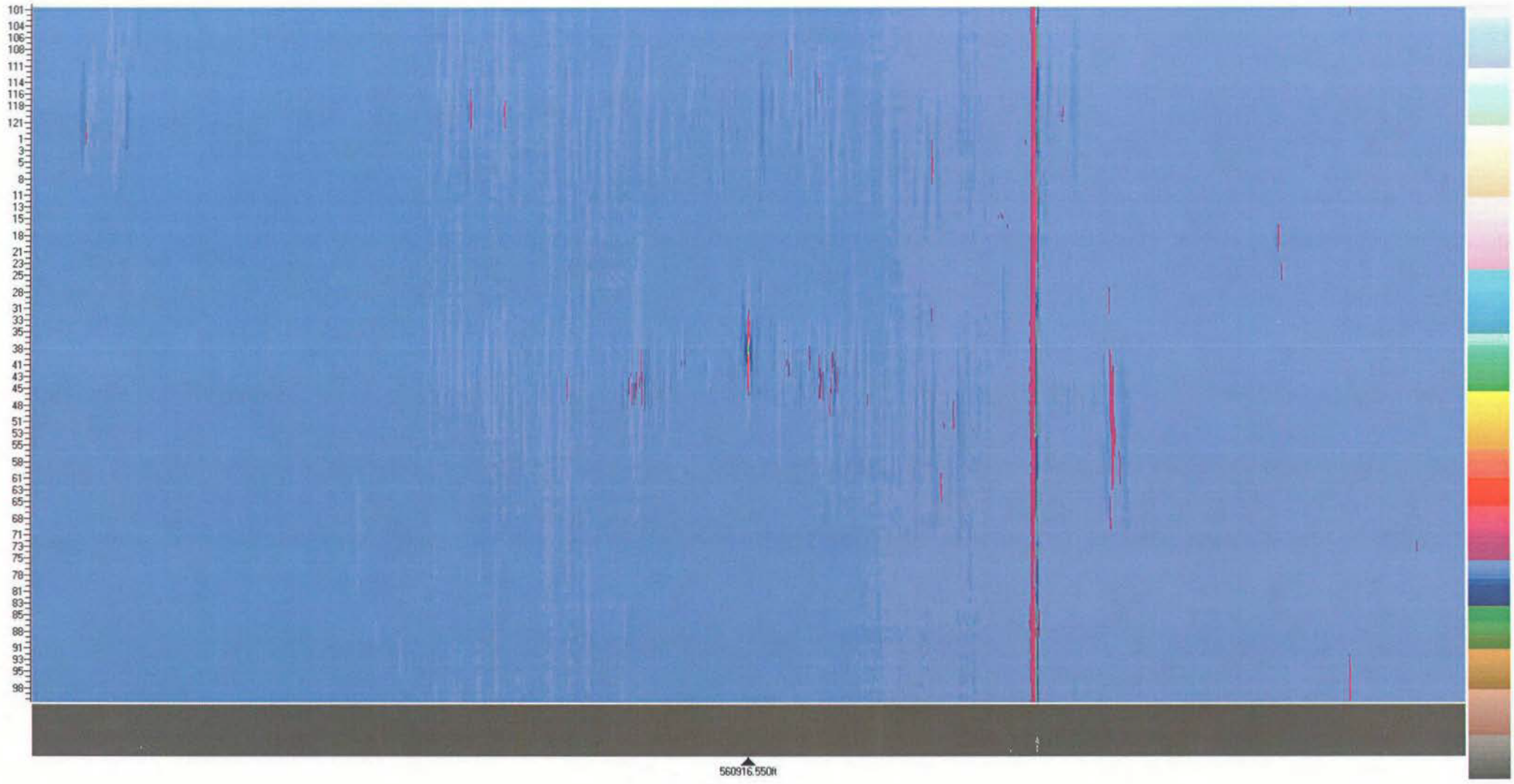
(b) (7)(F)



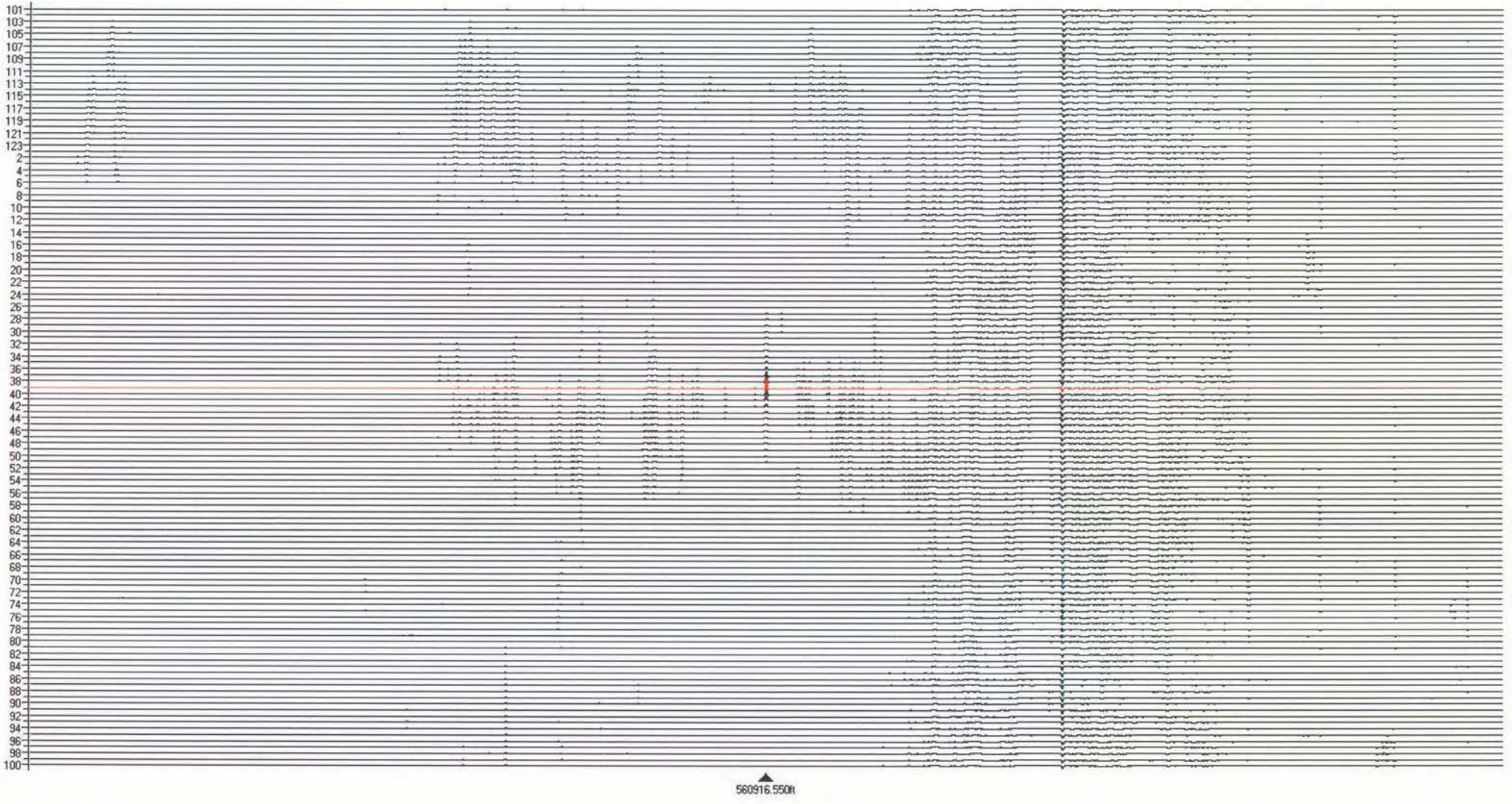
EMPCO-ARKGOV007146

(b) (7)(F)

(b) (7)(F)



EMPCO-ARKGOV007149

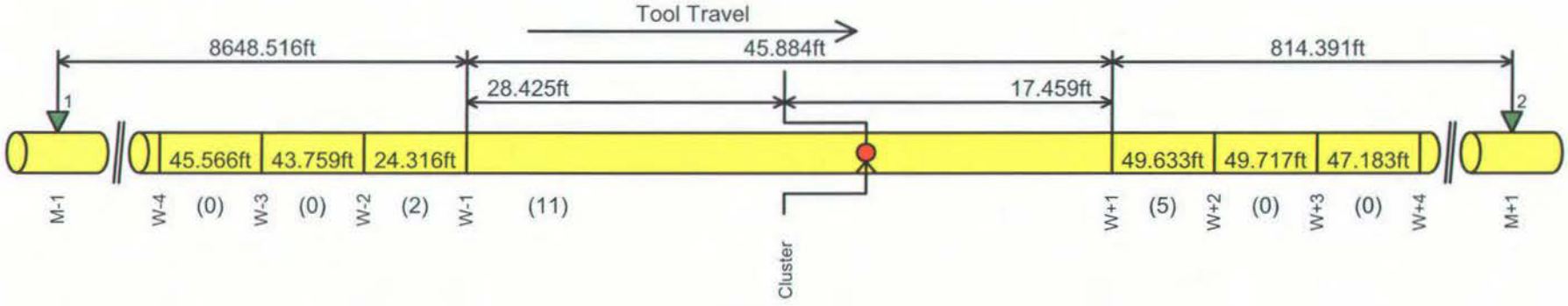


EMPCO-ARKGOV007150

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

Dig Information Sheet

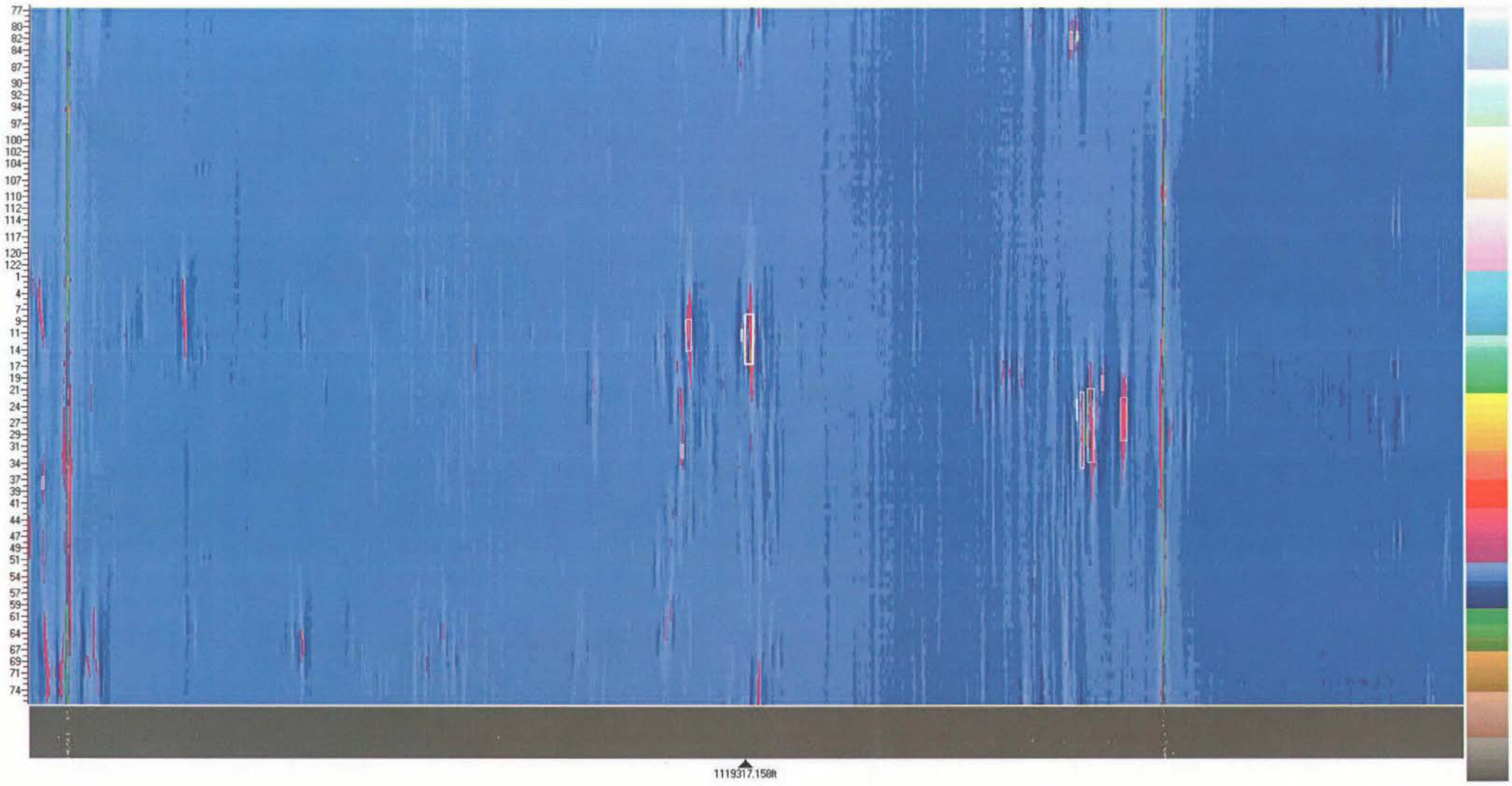


Cluster	: Metal Loss
Top/Left	: 2:20/1119317.133ft
Distance	: 1119317.158ft
WT	: 0.312"
Length	: 4.00"
Width	: 4.30"
Depth	: 42%
Clock	: 3:00
Ratio	: 0.98
MAOP	: 943 psi
Speed	: 2.1mph
ID/OD	: External
Comments	:
(b) (7)(F)	[redacted]
Elevation	: 368.428

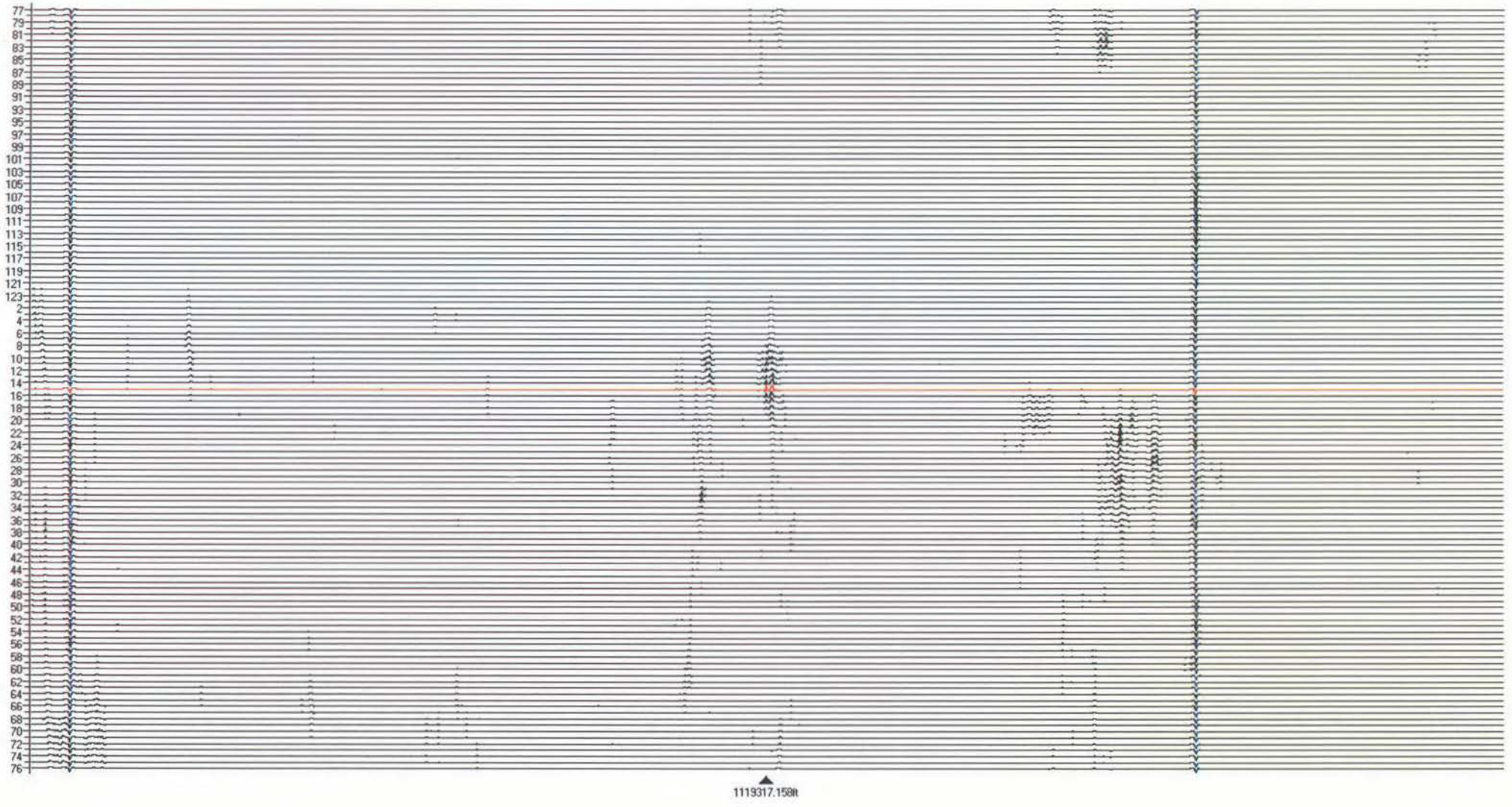
	Distance	Orientation	Comments
M-3	1095005.992ft		AGM 6489+89 B.M. A122.98 (INS)
M-2	1100990.192ft		AGM 6430+30 B.M. A121.85
M-1	1110640.217ft		AGM 6333+60 B.M. A120.02
W-4	1119175.092ft		
W-3	1119220.658ft		
W-2	1119264.417ft	3:00	
W-1	1119288.733ft	2:35	
W+1	1119334.617ft	8:05	
W+2	1119384.250ft		
W+3	1119433.967ft	11:50	
W+4	1119481.150ft		
M+1	1120149.008ft		AGM 6238+54 B.M. A118.21 (INS)
M+2	1128368.225ft		AGM 6156+33 B.M. A116.66
M+3	1134019.942ft		AGM 6099+83 B.M. A115.59

3/21/2012 Print Number : 2

EMPCO-ARKGOV007151



EMPCO-ARKGOV007152



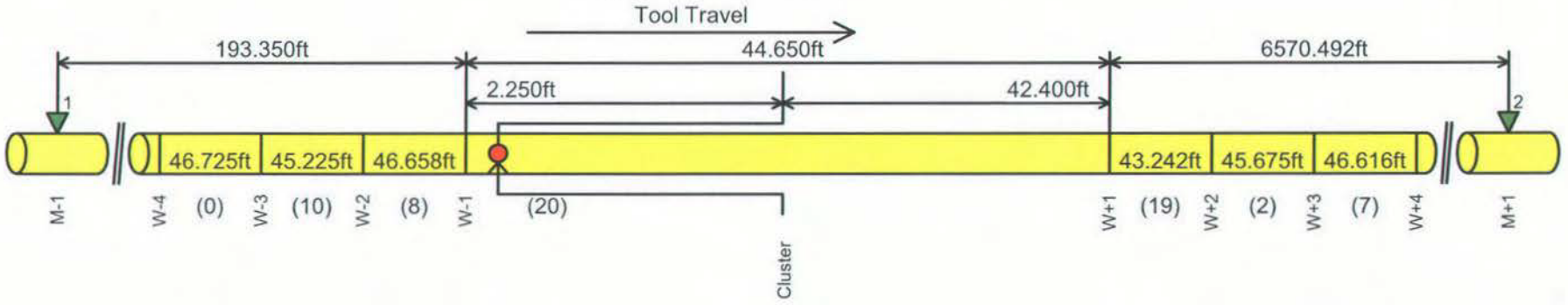
EMPCO-ARKGOV007153

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

NDT Systems & Services

Dig Information Sheet



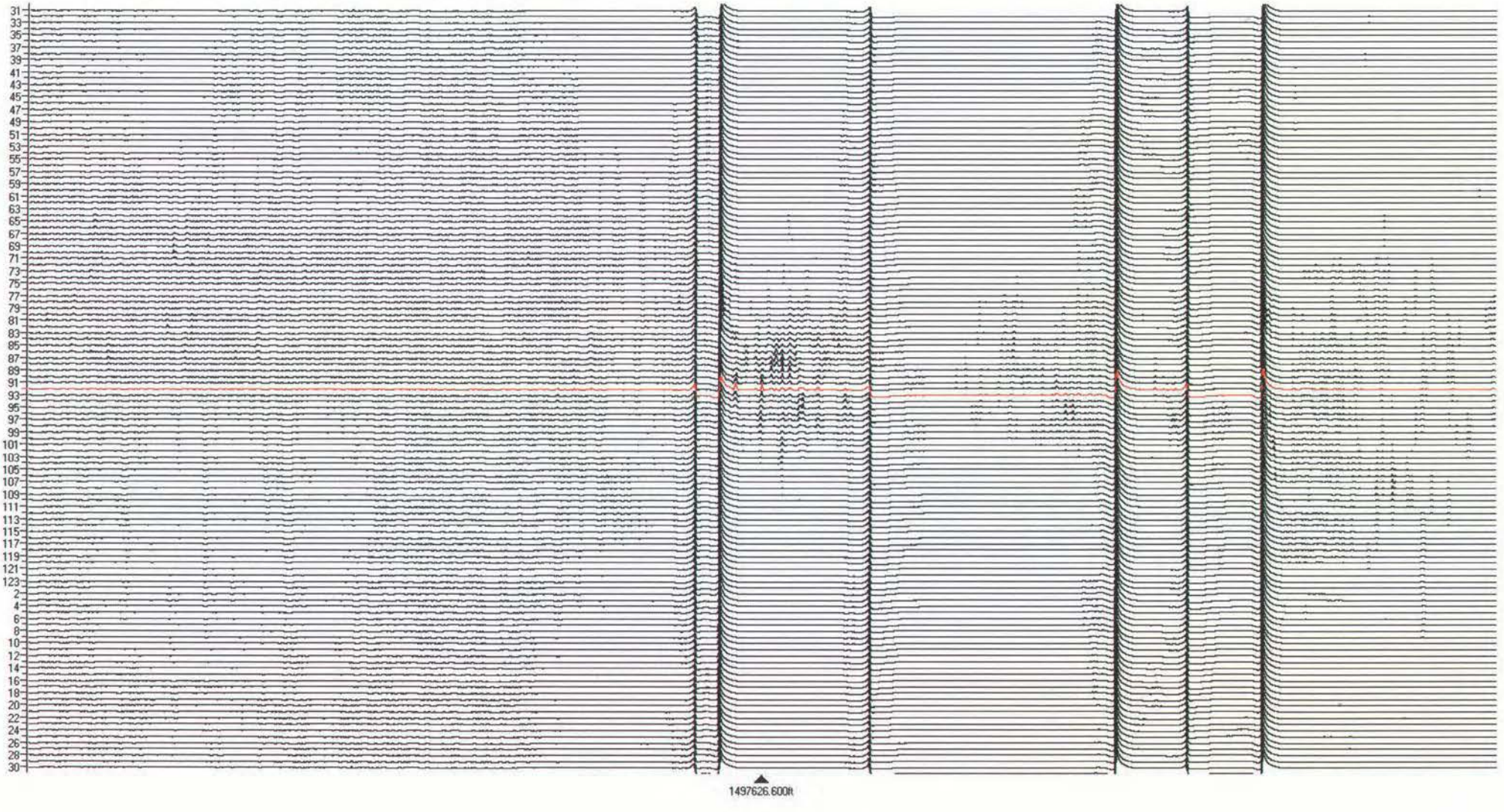
Cluster	: Metal Loss
Top/Left	: 5:40/1497626.275ft
Distance	: 1497626.600ft
WT	: 0.312"
Length	: 4.60"
Width	: 6.40"
Depth	: 44%
Clock	: 6:20
Ratio	: 1.02
MAOP	: 943 psi
Speed	: 2.1mph
ID/OD	: External
Comments	:
(b) (7)(F)	: (b) (7)(F)
Elevation	: 502.369

	Distance	Orientation	Comments
M-3	1487514.775ft		AGM 2569+39 B.M. A048.66
M-2	1493469.250ft		AGM 2509+30 B.M. A047.52
M-1	1497431.000ft		AGM 2469+68 B.M. A046.77 (INS)
W-4	1497485.742ft	12:40	
W-3	1497532.467ft		
W-2	1497577.692ft		
W-1	1497624.350ft	12:55	Sleeve Weld
W+1	1497669.000ft		Sleeve Weld
W+2	1497712.242ft	12:10	
W+3	1497757.917ft		
W+4	1497804.533ft		
M+1	1504239.492ft		AGM 2401+51 B.M. A045.48
M+2	1508347.208ft		AGM 2360+50 B.M. A044.70
M+3	1516579.167ft		AGM 2278+28 B.M. A043.15 (INS)

3/21/2012 Print Number : 2

EMPCO-ARKGOV007154

1497626.600ft
31 34 36 38 41 44 46 48 51 54 56 58 61 64 66 68 71 74 76 78 81 84 86 88 91 94 96 98 101 104 106 108 111 114 116 118 121 1 3 5 8 11 13 15 18 21 23 25 28



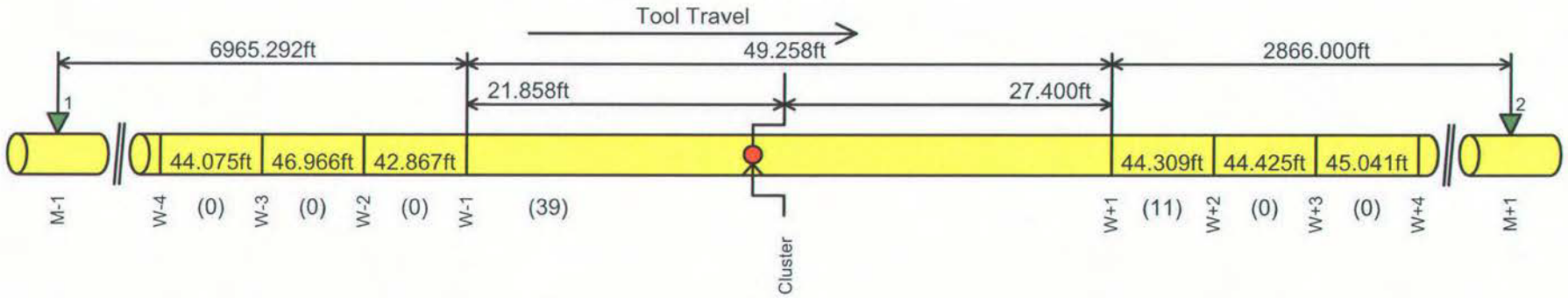
EMPCO-ARKGOV007156

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

NDT Systems & Services

Dig Information Sheet

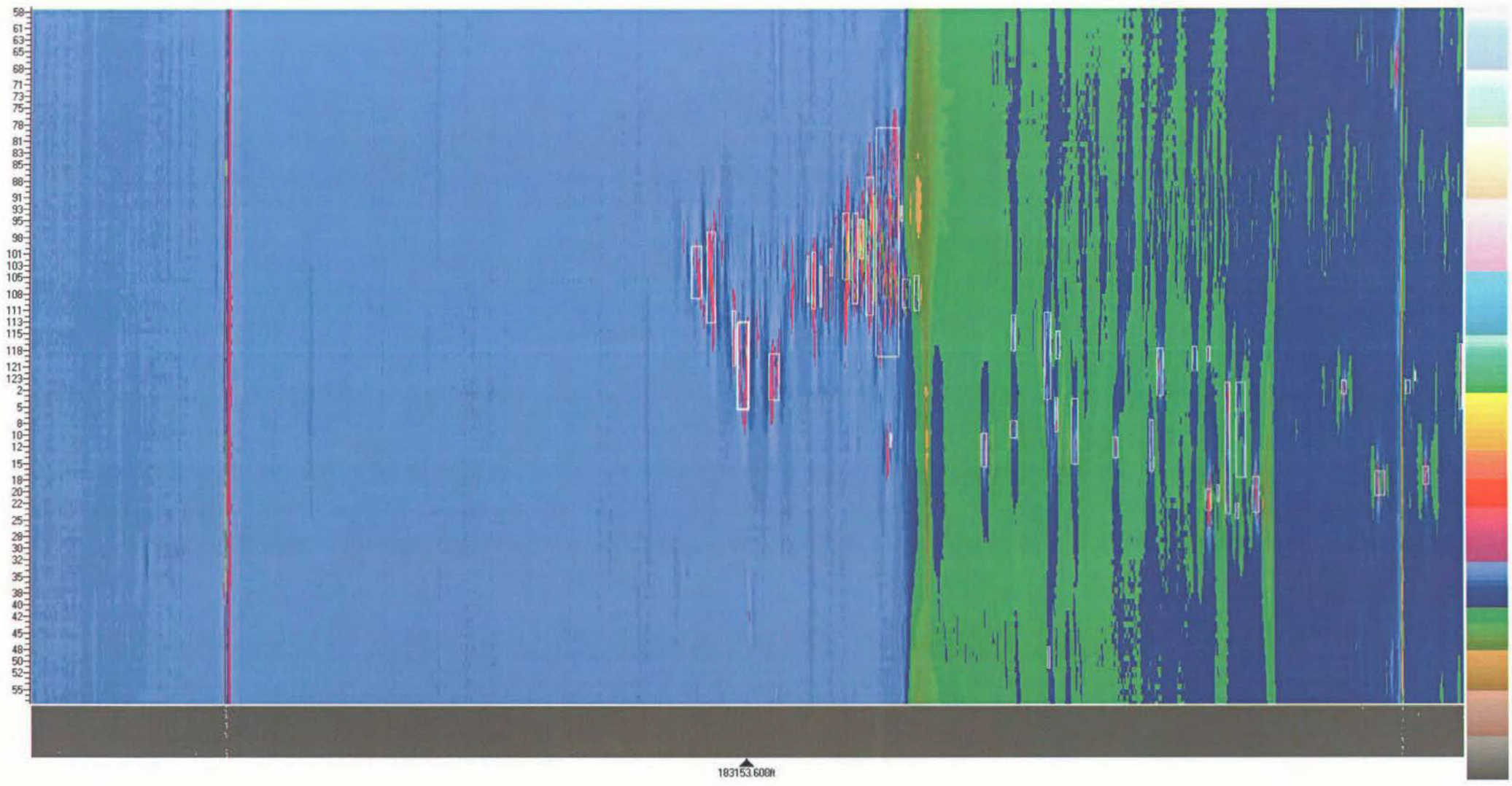


Cluster	: Metal Loss
Top/Left	: 12:40/183153.250ft
Distance	: 183153.608ft
WT	: 0.312"
Length	: 5.30"
Width	: 7.60"
Depth	: 33%
Clock	: 1:15
Ratio	: 0.96
MAOP	: 943 psi
Speed	: 1.5mph
ID/OD	: External
Comments	:
(b) (7) (F)	[redacted]
Elevation	: 362.890

	Distance	Orientation	Comments
M-3	162827.350ft		Valve S.W. B.V. 15808+24 B.M. V299.60
M-2	172390.933ft		AGM 15712+54 B.M. A297.79
M-1	176166.458ft		AGM 15675+29 B.M. A297.08
W-4	182997.842ft		
W-3	183041.917ft		
W-2	183088.883ft		
W-1	183131.750ft	11:35	
W+1	183181.008ft		
W+2	183225.317ft		
W+3	183269.742ft		
W+4	183314.783ft		
M+1	186047.008ft		AGM 15576+04 B.M. A295.20
M+2	191460.417ft		AGM 15523+20 B.M. A294.20
M+3	198010.042ft		AGM 15457+04 B.M. A292.95

3/21/2012 Print Number : 2

EMPCO-ARKGOV007157



EMPCO-ARKGOV007158

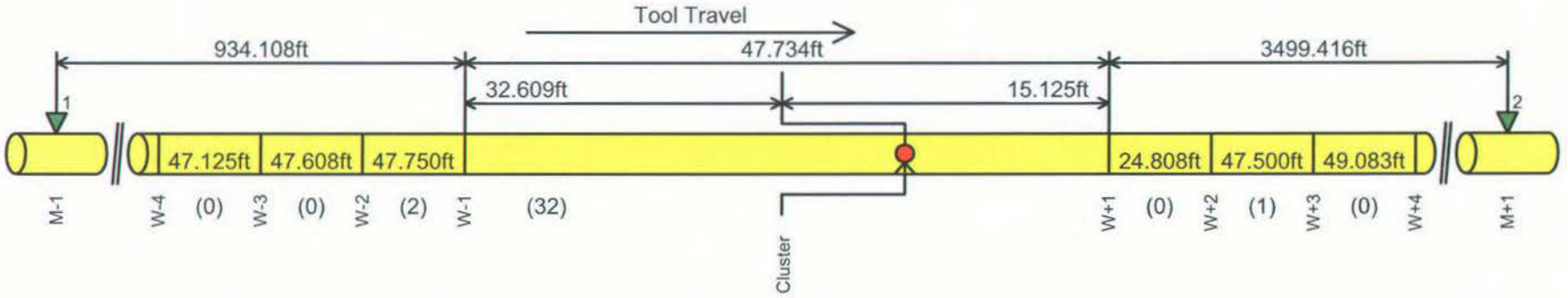
183153.608ft

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

NDT Systems & Services

Dig Information Sheet

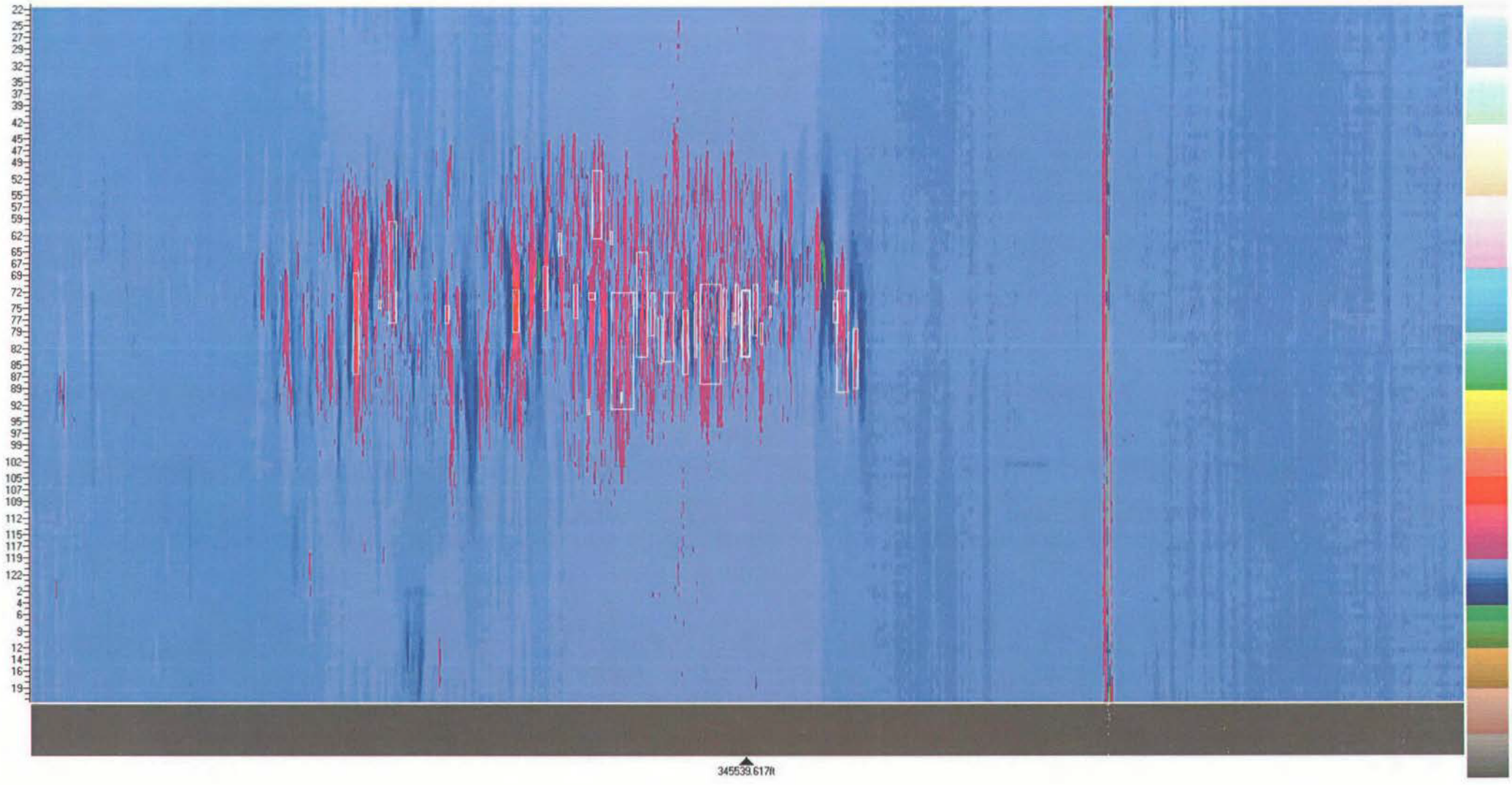


Cluster	: Metal Loss
Top/Left	: 11:25/345539.442ft
Distance	: 345539.617ft
WT	: 0.312"
Length	: 4.40"
Width	: 5.80"
Depth	: 36%
Clock	: 12:25
Ratio	: 0.95
MAOP	: 943 psi
Speed	: 1.5mph
ID/OD	: External
Comments	:
(b) (7)(F)	: (b) (7)(F)
Elevation	: 536.447

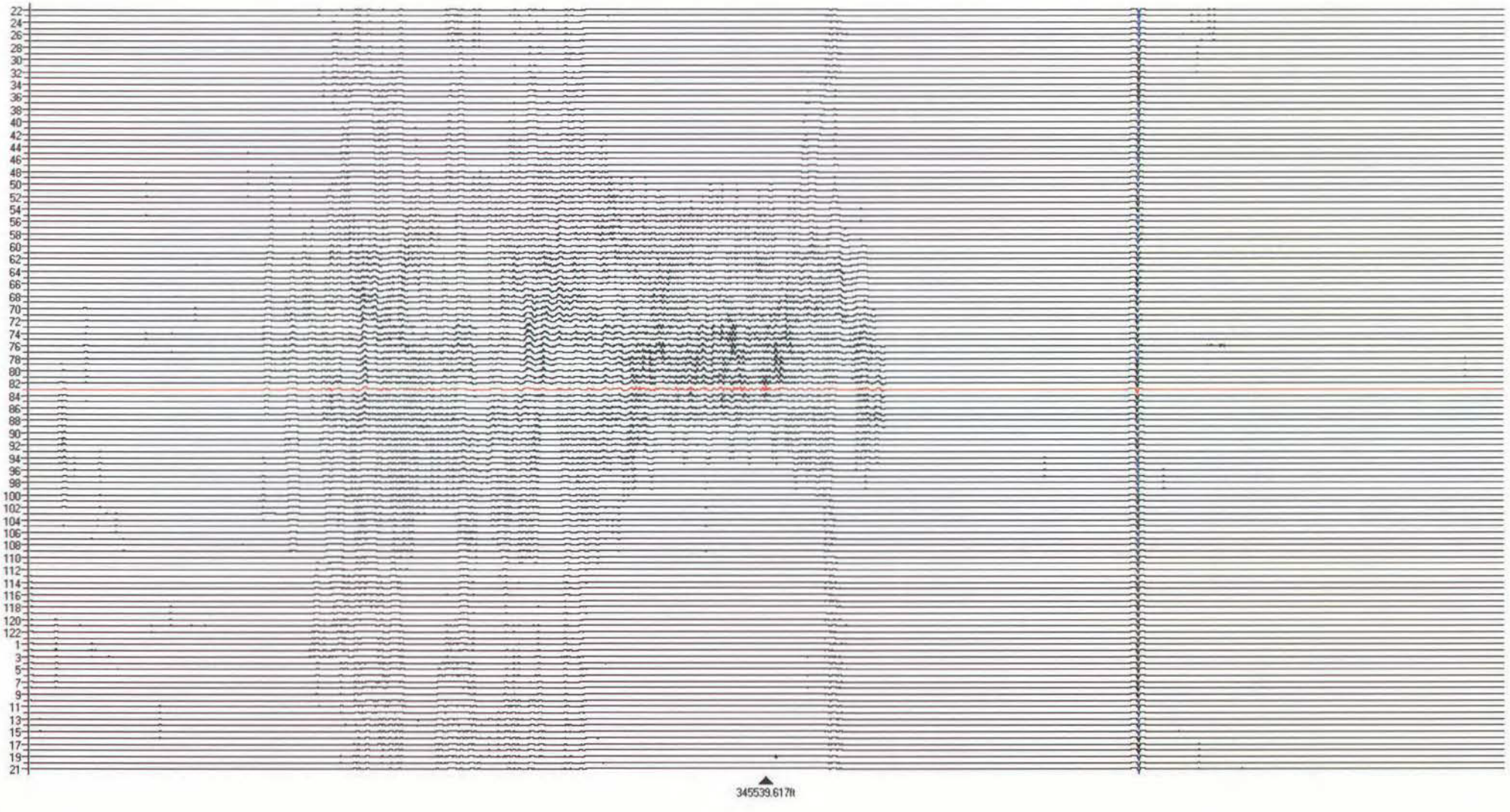
	Distance	Orientation	Comments
M-3	333499.092ft		AGM 14100+05 B.M. A267.25
M-2	337899.550ft		AGM 14055+98 B.M. A266.41
M-1	344572.900ft		AGM 13989+60 B.M. A265.16 (INS)
W-4	345364.525ft		
W-3	345411.650ft		
W-2	345459.258ft		
W-1	345507.008ft	12:10	
W+1	345554.742ft	11:00	
W+2	345579.550ft		
W+3	345627.050ft		
W+4	345676.133ft		
M+1	349054.158ft		AGM 13944+44 B.M. A264.30
M+2	357024.000ft		AGM 13864+59 B.M. A262.79
M+3	365302.683ft		AGM 13781+83 B.M. A261.22 (INS)

3/21/2012 Print Number : 2

EMPCO-ARKGOV007160



EMPCO-ARKGOV007161



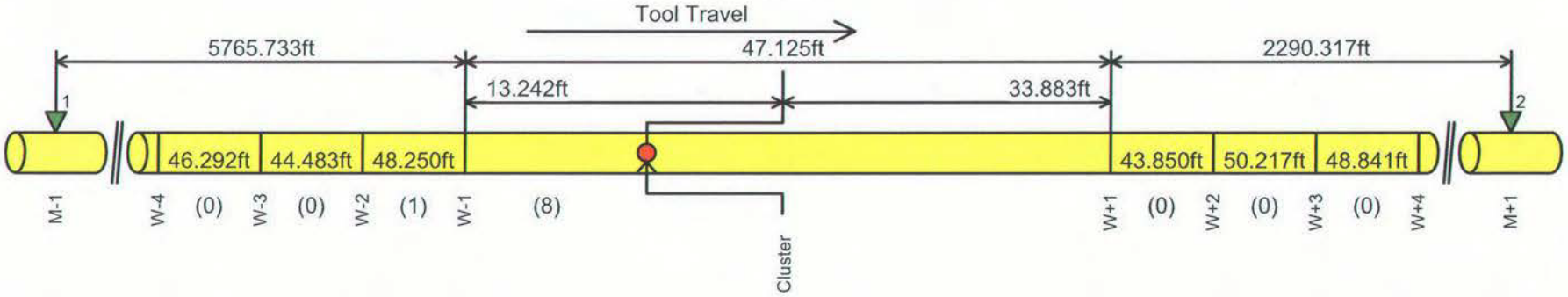
EMPCO-ARKGOV007162

Client : ExxonMobil Pipeline Company
Job # : 10906.01
Run Date : 7/10/2010

Line Name : Pegasus Crude Oil System
Section Name : Conway to Corsicana
Pipe Diameter : 20"

NDT Systems & Services

Dig Information Sheet

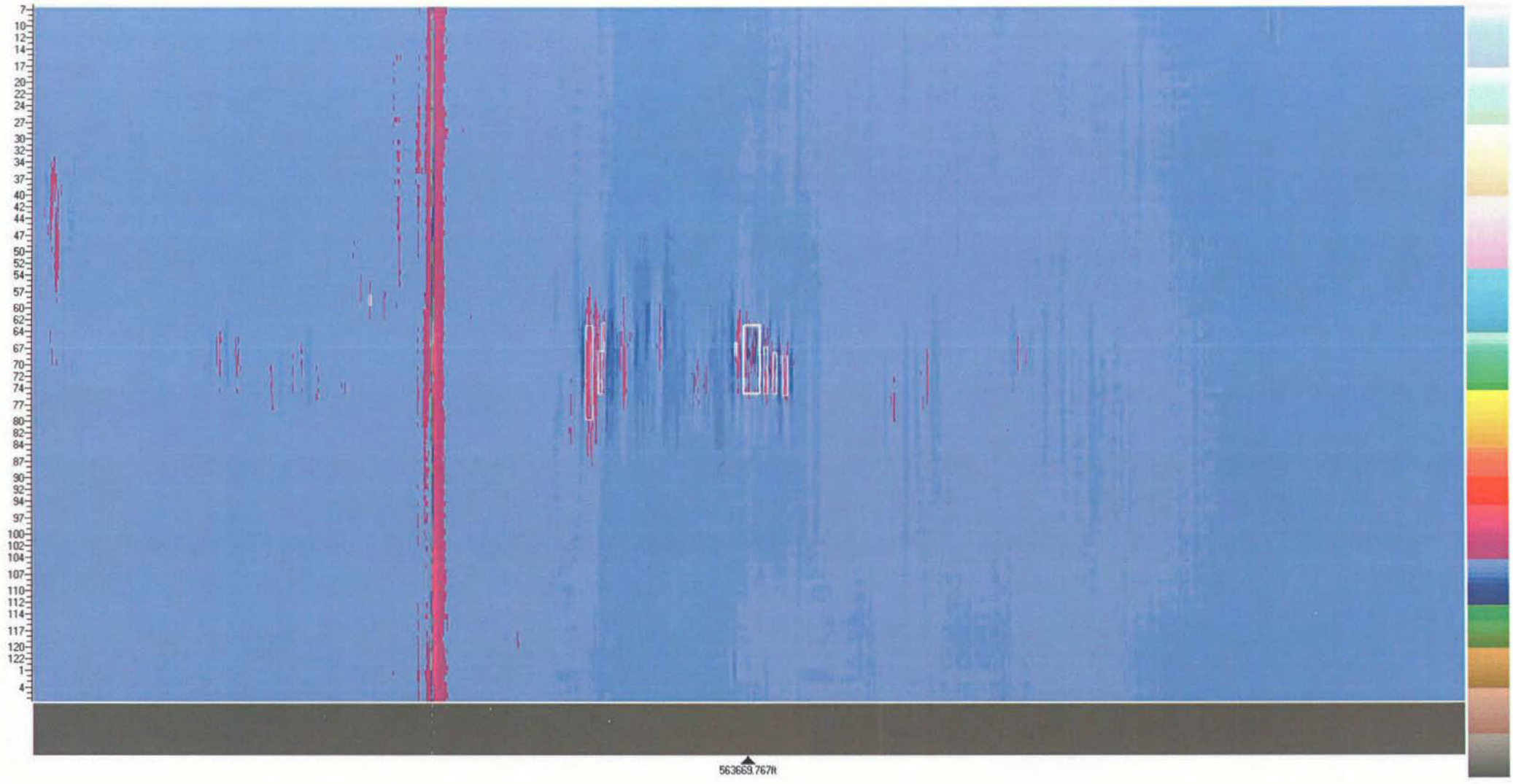


Cluster	: Metal Loss
Top/Left	: 5:10/563669.600ft
Distance	: 563669.767ft
WT	: 0.312"
Length	: 8.00"
Width	: 5.90"
Depth	: 27%
Clock	: 5:35
Ratio	: 0.96
MAOP	: 943 psi
Speed	: 1.5mph
ID/OD	: External
Comments	:
(b)(7)(F)	[redacted]
Elevation	: 548.232

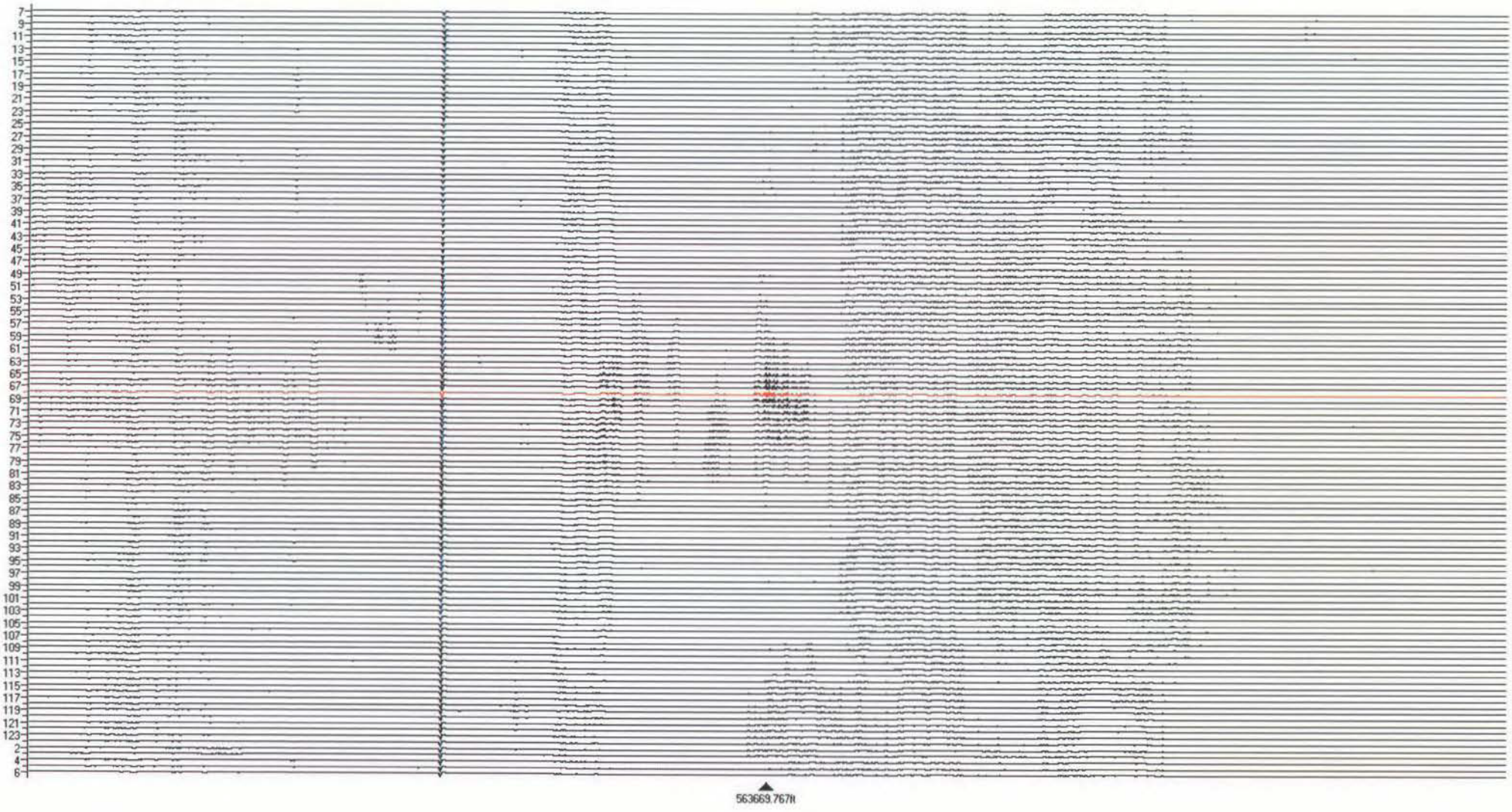
	Distance	Orientation	Comments
M-3	540293.500ft		AGM 12038+40 B.M. A228.06
M-2	553077.017ft		AGM 11910+51 B.M. A225.64
M-1	557890.792ft		AGM 11862+22 B.M. A224.72
W-4	563517.500ft	9:55	
W-3	563563.792ft		
W-2	563608.275ft		
W-1	563656.525ft		
W+1	563703.650ft		
W+2	563747.500ft		
W+3	563797.717ft		
W+4	563846.558ft		
M+1	565993.967ft		AGM 11781+08 B.M. A223.19 (INS)
M+2	571885.183ft		AGM 11722+24 B.M. A222.07
M+3	579325.992ft		AGM 11647+79 B.M. A220.66

3/21/2012 Print Number : 2

EMPCO-ARKGOV007163



EMPCO-ARKGOV007164



EMPCO-ARKGOV007165

4 Reference Point List(s)

4.1 Marker List

4.2 Fixture Report

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(b) (7)(F)

Event Name		Comments
Marker		Valve Launch B.V. # 19 17437+78 B.M V330.50
Marker		Valve B.V. # 1 S.H.G. 17430+15 B.M V330.36
Marker		AGM 17404+17 B.M. A329 86
Marker		AGM 17307+33 B.M A328 03
Marker		AGM 17219+60 B.M A326.37 (INS)
Marker		AGM 17166+71 B.M A325 37
Marker		AGM 17126+00 B.M. A324 60
Marker		AGM 17027+61 B.M A322.73 (INS)
Marker		AGM 16970+26 B.M. A321 65
Marker		AGM 16869+90 B.M A319.75
Marker		AGM 16788+78 B.M. A318.31 (INS)
Marker		AGM 16720+55 B M. A316.92
Marker		AGM 16666+53 B M. A315.89
Marker		AGM 16608+65 B. M. A314.80 (INS)
Marker		AGM 16578+31 B M. A314.22
Marker		Valve 16507+53
Marker		Valve B V.# 4G38 16507+45 B.M. V312.88
Marker		Valve B V. # 1G37 16417+50 B.M. V311.18
Marker		Valve B.V. # G39 16402+22 B.M. V310.89
Marker		AGM 16313+63 B.M A309.21
Marker		AGM 16228+42 B.M A307.56
Marker		AGM 16156+80 B.M. A306 20
Marker		AGM 16104+00 B.M. A305 20
Marker		AGM 16051+20 B.M. A304 20
Marker		AGM 15998+40 B.M. A303 20
Marker		AGM 15945+61 B M. A302.20
Marker		AGM 15892+62 B.M A301.20 (INS)
Marker		Valve 15808+37
Marker		Valve S.W. B.V. 15808+24 B.M. V299.60
Marker		AGM 15712+54 B.M. A297.79
Marker		AGM 15675+29 B.M. A297.08
Marker		AGM 15576+04 B.M. A295.20
Marker		AGM 15523+20 B.M. A294.20
Marker		AGM 15457+04 B.M. A292.95
Marker		AGM 15395+80 B.M A291.75 (INS)
Marker		AGM 15331+20 B.M. A290.57
Marker		AGM 15263+59 B.M. A289.29 (INS)
Marker		AGM 15198+58 B M. A288.05
Marker		AGM 15139+95 B.M. A286.94
Marker		AGM 15091+40 B.M. A286.02 (INS)
Marker		AGM 15047+86 B M. A285.20
Marker		Valve B.V. #G34 14975+98 B.M V283.84
Marker		AGM 14920+80 B.M. A282 79 (INS)
Marker		AGM 14849+31 B.M. A281.44
Marker		AGM 14790+51 B.M. A280.33
Marker		AGM 14726+90 B.M. A279.12 (INS)
Marker		AGM 14595+27 B.M. A276.63
Marker		AGM 14546+81 B M. A275.71 (INS)
Marker		AGM 14484+40 B M. A274.53
Marker		AGM 14415+02 B M. A273.21
Marker		AGM 14352+51 B.M. A272 03 (INS)
Marker		AGM 14285+65 B.M A270.76
Marker		Valve N.H.G 14239+84 B.M. V269 69
Marker		Valve B.V. #1 S.H.G. 14238+82 B M. V269.67
Marker		AGM 14147+38 B M. A268.15 (INS)
Marker		AGM 14100+05 B M. A267.25
Marker		AGM 14055+98 B.M. A266 41
Marker		AGM 13989+60 B.M A265.16 (INS)

Event Name	(b) (7)(F)	Comments
Marker		AGM 13944+44 B.M A264.30
Marker		AGM 13864+59 B.M. A262.79
Marker		AGM 13781+83 B.M A261.22 (INS)
Marker		AGM 13725+93 B.M. A260.16
Marker		AGM 13663+41 B.M. A258 98
Marker		Valve B V. # G32 13620+16 B M. V258.16
Marker		Valve B.V. # G33 13595+96 B M. V257.70
Marker		AGM 13549+23 B M. A256.82
Marker		AGM 13499+98 B.M. A255.88 (INS)
Marker		AGM 13420+22 B.M A254.37
Marker		AGM 13360+56 B.M A253.24
Marker		AGM 13276+65 B.M A251.65 (INS)
Marker		AGM 13220+91 B.M A250.60
Marker		AGM 13122+01 B M A248.73
Marker		AGM 13041+75 B M. A247.21 (INS)
Marker		AGM 12972+49 B M. A245 89
Marker		AGM 12896+85 B.M. A244 46
Marker		AGM 12853+28 B.M. A243.64 (INS)
Marker		AGM 12783+28 B.M A242.31
Marker		AGM 12702+62 B.M. A240 78
Marker		AGM 12648+28 B M. A239.75
Marker		Valve 16 N.H.G. 12579+45 B M V238.25
Marker		Valve B.V. # 1S.H.G. 12574+96 B.M. V238 16
Marker		AGM 12498+83 B.M A236.78
Marker		AGM 12436+60 B.M. A235.60
Marker		AGM 12347+05 B M. A233.91 (INS)
Marker		AGM 12260+28 B.M. A232 26
Marker		AGM 12211+28 B.M. A231 33
Marker		AGM 12145+86 B.M. A230 10 (INS)
Marker		AGM 12095+33 B.M. A229.14
Marker		AGM 12038+40 B.M. A228.06
Marker		AGM 11969+40 B.M. A226.75 (INS)
Marker		AGM 11910+51 B M. A225 64
Marker		AGM 11862+22 B.M. A224 72
Marker		AGM 11781+08 B.M. A223 19 (INS)
Marker		AGM 11722+24 B.M. A222.07
Marker		AGM 11647+79 B.M. A220.66
Marker		AGM 11609+75 B.M. A219 94 (INS)
Marker		AGM 11551+27 B M. A218 83
Marker		Valve B.V. # G31 11460+58 B.M V217.12
Marker		AGM 11404+79 B M A216.06
Marker		AGM 11354+48 B M. A215.11 (INS)
Marker		AGM 11302+31 B M. A214 12
Marker		Valve B.V. # S.P 11256+83 B.M V213.26
Marker		AGM 11144+55 B.M A211.13 (INS)
Marker		AGM 11057+30 B.M. A209.48
Marker		AGM 10973+51 B.M. A207 89
Marker		AGM 10902+48 B.M. A206 55 (INS)
Marker		AGM 10832+93 B.M A205.23
Marker		AGM 10760+96 B.M. A203.87
Marker		AGM 10698+85 B.M. A202 69
Marker		AGM 10602+24 B.M. A200.86 (INS)
Marker		AGM 10558+87 B.M. A200.04
Marker		AGM 10506+35 B.M A199.04
Marker		AGM 10454+40 B.M A198.06
Marker		AGM 10383+05 B.M. A196 71
Marker		AGM 10318+19 B.M. A195 48
Marker		AGM 10271+99 B.M. A194 61 (INS)

(b) (7)(F)

Event Name		Comments
Marker		AGM 10214+58 B.M A193 52
Marker		AGM 10137+80 B.M. A192.06
Marker		AGM 10047+03 B.M. A190 35
Marker		AGM 10004+32 B.M A189.54 (INS)
Marker		AGM 9932+50 B M. A188.18
Marker		AGM 9876+74 B M. A187.12
Marker		AGM 9826+82 B M. A186.17 (INS)
Marker		AGM 9765+11 B.M. A185.01
Marker		Valve B.V. # G29 9662+26 B.M. V183 06
Marker		AGM 9536+44 B.M. A180 67 (INS)
Marker		AGM 9487+11 B.M. A179 74
Marker		AGM 9405+89 B.M. A178.20
Marker		Valve B.V. # G28 9352+45 B.M. V177.19
Marker		AGM 9282+14 B M. A175.86
Marker		AGM 9247+56 B M. A175.21 (INS)
Marker		AGM 9187+22 B.M. A174 06
Marker		AGM 9139+98 B.M. A173.17
Marker		AGM 9063+33 B.M. A171.71
Marker		AGM 8989+17 B.M A170.31 (INS)
Marker		AGM 8926+33 B.M. A169.12
Marker		AGM 8870+40 B.M. A168.06
Marker		Valve Gate 8801+05 16 N. H. G.
Marker		Valve B.V. # 1 S.H.G. 8793+16 B.M. V166.60
Marker		AGM 8732+72 B.M. A165 45 (INS)
Marker		AGM 8665+16 B M. A164 17
Marker		AGM 8594+45 B.M. A162 83
Marker		AGM 8557+15 B.M. A162.13 (INS)
Marker		Valve B.V. # G27 8479+04 B M. V160.65
Marker		Valve B.V. # G27A 8409+09 B.M. V159.32
Marker		AGM 8326+24 B.M. A157.75
Marker		AGM 8267+36 B.M. A156 64 (INS)
Marker		AGM 8235+02 B.M. A156 03
Marker		AGM 8197+74 B.M. A155 32
Marker		AGM 8131+20 B.M. A154.06
Marker		AGM 8073+79 B.M A152.97 (INS)
Marker		AGM 8028+26 B.M. A152.11
Marker		AGM 7944+25 B.M. A150.52
Marker		AGM 7884+73 B.M. A149 39
Marker		AGM 7823+26 B.M. A148 23 (INS)
Marker		AGM 7769+68 B.M. A147.21
Marker		AGM 7689+38 B.M A145.69
Marker		AGM 7626+50 B.M. A144.50
Marker		AGM 7581+53 B M A143.65 (INS)
Marker		AGM 7513+44 B.M. A142 36
Marker		AGM 7463+17 B.M. 141.41
Marker		AGM 7405+01 B.M. A140 31 (INS)
Marker		AGM 7334+64 B.M A138.97
Marker		AGM 7240+57 B.M A137.19
Marker		AGM 7176+32 B M. A135.98 (INS)
Marker		Valve B V. # S P 7113+75 B M. V134.79
Marker		AGM 7074+66 B.M. A134.05
Marker		AGM 6916+80 B.M A131.06
Marker		AGM 6857+37 B.M A129+93 (INS)
Marker		AGM 6811+20 B.M. A129.06
Marker		Valve B.V # G26 6752+13 B.M. V127.94
Marker		AGM 6705+60 B.M. A127.06
Marker		AGM 6600+79 B.M. A125.08
Marker		AGM 6535+21 B.M. A123.83

Event Name	(b) (7)(F)	Comments
Marker		GM 6489+89 B.M. A122.98 (INS)
Marker		GM 6430+30 B.M. A121.85
Marker		GM 6333+60 B M. A120.02
Marker		GM 6238+54 B M. A118.21 (INS)
Marker		GM 6156+33 B.M. A116 66
Marker		GM 6099+83 B.M. A115 59
Marker		GM 6040+61 B.M. A114 47 (INS)
Marker		GM 5984+26 B.M A113.40
Marker		GM 5930+99 B.M. A112.39
Marker		GM 5878+99 B.M A111.41
Marker		GM 5827+94 B M. A110.44
Marker		GM 5772+05 B M. A109.38 (INS)
Marker		GM 5711+09 B M. A108.23
Marker		GM 5654+26 B.M A107.15
Marker		GM 5596+51 B.M. A106.06
Marker		GM 5542+49 B.M A105.03 (INS)
Marker		GM 5487+55 B.M A103.99
Marker		GM 5417+65 B.M. A102.67
Marker		GM 5379+69 B M. A101.95
Marker		GM 5309+17 B.M. A100 61 (INS)
Marker		GM 5245+42 B.M A099.41
Marker		alve 16 N H.G. 5204+51 B.M V98.55
Marker		alve B.V. # 1 S.H.G. 5200+09 B.M. V098 49
Marker		GM 5139+81 B M. A097.35
Marker		GM 5088+87 B.M. A096.38 (INS)
Marker		GM 5017+33 B M. A095 03
Marker		GM 4977+77 B.M A094.28
Marker		GM 4927+57 B.M. A093.33 (INS)
Marker		GM 4870+90 B M A092.26
Marker		GM 4811+47 B M. A091.13
Marker		GM 4744+71 B.M. A089 86 (INS)
Marker		GM 4668+69 B.M. A088 43
Marker		GM 4622+61 B.M A087.55
Marker		GM 4563+75 B.M. A086.44 (INS)
Marker		GM 4504+18 B.M. A085 31
Marker		GM 4437+45 B M. A084 05
Marker		alve 82 4372+78 B.M V082 82
Marker		alve B V. # 1 S.H G 4372+65 B.M. V082 82
Marker		GM 4298+79 B.M A081.42
Marker		GM 4243+00 B.M. A080 36
Marker		alve B V. # G25 4159+06 B.M. V078.77
Marker		GM 4044+93 B.M A076.61
Marker		GM 3974+73 B.M A075.28
Marker		GM 3855+49 B.M. A073.02 (INS)
Marker		GM 3799+38 B M. A071.96 (INS)
Marker		alve B V. # G24 3773+25 B.M. V071.46
Marker		GM 3740+29 B.M A070.84
Marker		GM 3693+39 B.M A069.95 (INS)
Marker		GM 3640+54 B.M. A068 95
Marker		GM 3597+39 B.M. A068.13
Marker		alve B.V. # S.P. 3518+54 B M. V066.64
Marker		GM 3465+78 B.M A065.64
Marker		GM 3300+28 B M A062.50
Marker		GM 3186+22 B.M. A060 34
Marker		GM 3100+44 B.M. A058.72
Marker		GM 3064+38 B.M. A058.03 (INS)
Marker		alve B.V # G23 3004+49 B.M. V056 90
Marker		GM 2920+74 B M. A055 31

Event Name	(b) (7)(F)	Comments
Marker		AGM 2888+60 B M. A054 71
Marker		AGM 2814+50 B.M. A053.30 (INS)
Marker		AGM 2755+23 B.M. A052.18
Marker		AGM 2676+91 B.M. A050 70
Marker		AGM 2626+50 B.M. A049.55 (INS)
Marker		AGM 2569+39 B.M. A048.66
Marker		AGM 2509+30 B.M. A047.52
Marker		AGM 2469+68 B.M A046 77 (INS)
Marker		AGM 2401+51 B.M. A045.48
Marker		AGM 2360+50 B.M A044.70
Marker		AGM 2278+28 B.M A043.15 (INS)
Marker		AGM 2209+35 B.M. A041.84
Marker		Valve B V. # G22 2168+38 B M. V041.06
Marker		AGM 2096+09 B.M. A039.69 (INS)
Marker		AGM 2015+40 B.M. A038.17
Marker		AGM 1961+67 B.M. A037.15
Marker		AGM 1875+70 B M. A035.52 (INS)
Marker		AGM 1801+35 B.M. A034.11
Marker		AGM 1721+05 B M. A032.59
Marker		AGM 1669+72 B.M. A031.62 (INS)
Marker		AGM 1631+44 B M. A030 89
Marker		AGM 1567+34 B.M. A029.68
Marker		Valve B.V. # G21 1451+49 B.M. V027.49
Marker		AGM 1402+01 B.M. A026 55
Marker		AGM 1320+02 B.M. A025.00 (INS)
Marker		AGM 1234+70 B.M A023.38 (INS)
Marker		AGM 1194+64 B.M. A022.62
Marker		Valve B V # G20 1129+50 B.M. V021 39
Marker		AGM 1056+00 B.M. A020.00
Marker		AGM 1003+58 B M. A019.00
Marker		AGM 940+49 B.M. A017.81
Marker		AGM 897+60 B.M A017.00
Marker		AGM 846+05 B M. A016.02
Marker		Valve B.V. # G19 790+41 B M. V014.96
Marker		AGM 760+08 B.M. A014 39
Marker		AGM 703+69 B.M. A013 32
Marker		AGM 643+31 B.M. A012.18
Marker		AGM 600+23 B.M. A011.36 (INS)
Marker		AGM 528+77 B.M. A010.01
Marker		AGM 454+12 B.M. A008.60
Marker		AGM 421+37 B.M A007.98 (INS)
Marker		AGM 388+71 B.M A007.36
Marker		AGM 312+44 B.M. A005 91
Marker		AGM 218+22 B.M. A004 13
Marker		AGM 154+72 B M A002.93 (INS)
Marker		AGM 101+26 B M. A001.91
Marker		AGM 58+51 B.M. A001.10
Marker		Valve
Marker		Valve Trap MOV B.V. # 23 0+39 B.M V000 00

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	(b) (7)(F)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	RAGM					16.967	9 625	19.333	678.233	2.367	668.608	1.1	Reference AGM
Fixture	TEE				03:00	1.250	1 158	30.208	667.358	28.958	666.200	1.6	Tee
Fixture	RAGM					1.492	0.917	30.450	667.117	28.958	666 200	1.5	Reference AGM
Fixture	TEE				09:00	1.208	1.217	45.417	652.150	44.208	650.933	1.6	Tee
Fixture	BRS					0.342	7.325	46.975	650.592	46.633	643.267	1.6	Sleeve Reinforcement Begin
Fixture	TAP				03:00	1.217	6.450	47.850	649.717	46.633	643.267	1.6	Tap
Fixture	ERS					1.958	5.708	48 592	648.975	46.633	643.267	1.5	Sleeve Reinforcement End
Fixture	AT				12:00	4.492	3.175	51 125	646.442	46.633	643.267	1.6	Pig Sig
Fixture	TAP				12:00	6.317	1 350	52.950	644.617	46.633	643.267	1.8	Tap
Fixture	AT				12:00	0.275	5.750	54.575	642.992	54.300	637.242	1.5	Attachment
Fixture	TAP				12:00	3.583	2.442	57.883	639.683	54.300	637.242	1.6	Tap
Fixture	TAP				12:00	26.417	1.000	253.883	443.683	227.467	442.683	1.5	Tap
Fixture	TAP				12:00	3.008	16.250	270.367	427.200	267.358	410.950	1.6	Tap
Fixture	TAP				12:00	14.675	28 808	632.042	65.525	617.367	36.717	1.6	Tap
Fixture	SUPP				06:00	36.108	7.375	653.475	44.092	617.367	36.717	1.6	Support
Fixture	TAP				12:00	27 375	2.675	688.225	9.342	660 850	6.667	1.6	Tap
Fixture	TAP				12:00	2.992	1.100	693.892	3 675	690.900	2.575	1.6	Tap
Fixture	TAP				12:00	1.158	4.567	3.375	2566.125	2.217	2561.558	1.6	Tap
Fixture	SUPP				06:00	38.542	14.200	46.483	2523.017	7.942	2508.817	1.5	Support
Fixture	TAP				12:00	9.867	37.375	70.550	2498.950	60.683	2461.575	1.5	Tap
Fixture	BC					7.625	37.075	8568.817	1033.950	8561.192	996.875	1.5	Casing Begin - State Hwy. 36
Fixture	AT				10:30	11 208	37.200	8667.333	935 433	8656.125	898.233	1.5	Centralizers Begin
Fixture	AT				12:00	13 458	34.458	8717.992	884.775	8704.533	850.317	1.5	Centralizers End
Fixture	EC					23 483	24.433	8728.017	874.750	8704.533	850.317	1.5	Casing End
Fixture	AT				12:00	46.592	3.333	101.100	8731.492	54.508	8728.158	1.5	Protective Barrier Begin
Fixture	AT				12:00	2.708	47.433	107.142	8725.450	104.433	8678.017	1.5	Protective Barrier End
Fixture	AT				12:00	26.250	23.892	130.683	8701.908	104.433	8678.017	1.5	Protective Barrier Begin
Fixture	AT				12:00	32.308	17 833	136.742	8695.850	104.433	8678.017	1.5	Protective Barrier End
Fixture	AT				12:00	37.725	11.383	3411.450	5421.142	3373.725	5409.758	1.5	Attachment
Fixture	AT				12:00	44.417	5.492	4887.800	3944.792	4843.383	3939.300	1.5	Protective Barrier Begin
Fixture	AT				12:00	0.750	49.975	4894.042	3938.550	4893.292	3888.575	1.5	Protective Barrier End
Fixture	AT				12:00	40.017	10.708	4933.308	3899.283	4893.292	3888.575	1.5	Protective Barrier Begin
Fixture	AT				12:00	46.408	4.317	4939.700	3892.892	4893.292	3888.575	1.5	Protective Barrier End
Fixture	AT				12:00	20.492	27.775	5448.292	3384.300	5427.800	3356.525	1.5	Protective Barrier Begin

EMPCO-ARKGOV007174

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:00	26.775	21.492	5454.575	3378.017	5427.800	3356.525	1.5	Protective Barrier End
Fixture	AT				12:00	41.400	8.350	5517.467	3315.125	5476.067	3306.775	1.5	Protective Barrier Begin
Fixture	AT				12:00	47.808	1.942	5523.875	3308.717	5476.067	3306.775	1.5	Protective Barrier End
Fixture	AT				12.00	44.592	6.283	6843.900	1988.692	6799.308	1982.408	1.5	Protective Barrier Begin
Fixture	AT				12:00	50.800	0.075	6850.108	1982.483	6799.308	1982.408	1.5	Protective Barrier End
Fixture	AT				12:00	28.425	23.833	6878.608	1953.983	6850.183	1930.150	1.5	Protective Barrier Begin
Fixture	AT				12:00	34.725	17.533	6884.908	1947.683	6850.183	1930.150	1.5	Protective Barrier End
Fixture	AT				12:00	31.142	17 767	7451.033	1381.558	7419 892	1363.792	1.5	Protective Barrier Begin
Fixture	AT				12:00	38.817	10 092	7458.708	1373 883	7419.892	1363.792	1.5	Protective Barrier End
Fixture	AT				12:00	43.858	6.842	7512.658	1319.933	7468 800	1313.092	1.5	Protective Barrier Begin
Fixture	AT				12:00	0.175	44 492	7519.675	1312.917	7519.500	1268.425	1.5	Protective Barrier End
Fixture	AT				12:00	36.700	7.967	7556.200	1276.392	7519.500	1268.425	1.5	Protective Barrier Begin
Fixture	AT				12:00	43.100	1.567	7562.600	1269.992	7519.500	1268.425	1.5	Protective Barrier End
Fixture	AT				12:00	31.967	16.633	7596.133	1236.458	7564.167	1219.825	1.5	Protective Barrier Begin
Fixture	AT				12:00	38.208	10 392	7602.375	1230.217	7564 167	1219.825	1.5	Protective Barrier End
Fixture	AT				12.00	9.258	37.767	792 700	4506.267	783 442	4468.500	1.5	Protective Barrier Begin
Fixture	AT				12.00	15.408	31.617	798.850	4500.117	783.442	4468.500	1.5	Protective Barrier End
Fixture	AT				12.00	46.975	0.050	830.417	4468.550	783.442	4468.500	1.5	Protective Barrier Begin
Fixture	AT				12:00	6.167	43.250	836.633	4462.333	830.467	4419.083	1.5	Protective Barrier End
Fixture	AT				12:00	44.342	6.717	1205.950	4093.017	1161.608	4086.300	1.5	Protective Barrier Begin
Fixture	AT				12:00	50.475	0.583	1212.083	4086.883	1161.608	4086.300	1.5	Protective Barrier End
Fixture	AT				12:00	43 283	5.142	1255.950	4043.017	1212.667	4037.875	1.5	Protective Barrier Begin
Fixture	AT				12:00	1.083	49.100	1262.175	4036.792	1261.092	3987.692	1.5	Protective Barrier End
Fixture	BC					43.058	7.425	1833.475	3465.492	1790.417	3458 067	1.5	Casing Begin - U.S. Hwy 64
Fixture	AT				03:15	9 950	39 642	1936.550	3362.417	1926.600	3322.775	1.5	Centralizers Begin
Fixture	AT				01:45	43.142	3.158	2116.375	3182.592	2073.233	3179.433	1.5	Centralizers End
Fixture	EC					46.642	2.333	2214.992	3083.975	2168.350	3081.642	1.5	Casing End
Fixture	BS					83.000	15.025	2937.092	2361.875	2854.092	2346.850	1.5	Sleeve Begin Repaired 01/07/02
Fixture	ES					6.608	41 908	2958.725	2340.242	2952.117	2298.333	1.5	Sleeve End
Fixture	AT				12 00	14 242	35.958	7327.183	2500.600	7312.942	2464.642	1 5	Protective Barrier Begin
Fixture	AT				12:00	22.233	27.967	7335.175	2492.608	7312.942	2464.642	1.5	Protective Barrier End
Fixture	AT				12:00	9.058	37.758	7372.200	2455.583	7363.142	2417.825	1.5	Protective Barrier Begin
Fixture	AT				12:00	17.083	29.733	7380.225	2447.558	7363.142	2417.825	1.5	Protective Barrier End
Fixture	BC					19.217	30.350	9272.192	555.592	9252.975	525.242	1.5	Casing Begin - State Hwy. 286

EMPCO-ARKGOV007175

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:00	31.283	18.283	9284.258	543.525	9252.975	525.242	1.5	Centralizers Begin
Fixture	AT				12:15	3.958	42.208	9306.500	521 283	9302.542	479.075	1.5	Centralizers End
Fixture	EC					14.767	31.400	9317.308	510.475	9302.542	479.075	1.5	Casing End
Fixture	BC					42.125	3.592	2462.500	7582.792	2420.375	7579.200	1.5	Casing Begin - Stone Dam Creek/Lake Co
Fixture	AT				12:55	10.417	39.658	2476.508	7568.783	2466.092	7529.125	1.5	Centralizers Begin
Fixture	AT				12:00	50.592	0.750	2566.758	7478.533	2516.167	7477.783	1.5	Centralizers End
Fixture	EC					9.525	40.367	2577.033	7468.258	2567.508	7427.892	1.5	Casing End
Fixture	BRS					28 242	19.483	4277.275	5768.017	4249.033	5748.533	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12.00	29.775	17.950	4278.808	5766.483	4249.033	5748.533	1.5	Stopple
Fixture	ERS					31.342	16.383	4280.375	5764.917	4249.033	5748 533	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	36.442	11.283	4285.475	5759.817	4249.033	5748 533	1.5	Tap Patch
Fixture	BC					5.883	40.325	4306.708	5738.583	4300.825	5698.258	1.5	Casing Begin - IH 40
Fixture	EC					18.567	9.842	5391.883	4653.408	5373.317	4643.567	1.5	Casing End
Fixture	LEAD				12:00	19.150	9.258	5392.467	4652.825	5373.317	4643.567	1.5	Test Lead
Fixture	TAP				12:00	2 383	41.583	5473.400	4571.892	5471.017	4530.308	1.5	Tap Patch
Fixture	BRS					7.517	36.450	5478.533	4566.758	5471.017	4530 308	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	9.067	34.900	5480.083	4565.208	5471.017	4530.308	1.5	Stopple
Fixture	ERS					10 608	33.358	5481.625	4563.667	5471.017	4530.308	1.5	Sleeve Reinforcement End
Fixture	LEAD				12:00	27.167	13.433	131.642	8004.142	104.475	7990.708	1.5	Test Lead
Fixture	BC					27.425	13.175	131.900	8003.883	104.475	7990.708	1.5	Casing Begin - U.S. 365
Fixture	AT				08:35	4.967	38.008	150.042	7985.742	145.075	7947.733	1.5	Centralizers Begin
Fixture	AT				03:55	45.942	3.875	279.942	7855.842	234.000	7851.967	1.5	Centralizers End
Fixture	EC					3.358	1.525	287.175	7848.608	283.817	7847.083	1.5	Casing End
Fixture	BC					33.992	9.158	577.883	7557.900	543.892	7548.742	1.5	Casing Begin - Missouri Pacific RR
Fixture	AT				12.00	2.308	45.442	589.350	7546.433	587.042	7500.992	1.5	Centralizers Begin
Fixture	AT				10:00	35.508	11.333	719.483	7416.300	683.975	7404.967	1.5	Centralizers End
Fixture	EC					43.742	3.100	727.717	7408.067	683.975	7404.967	1.5	Casing End
Fixture	LEAD				12:00	5.775	44.792	4080.475	4055.308	4074.700	4010.517	1.5	Test Lead
Fixture	BC					5.975	44.592	4080.675	4055.108	4074 700	4010.517	1.5	Casing Begin - Sturgis Rd.
Fixture	AT				12:00	15.225	35.342	4089.925	4045.858	4074 700	4010.517	1.5	Centralizers Begin
Fixture	AT				01:30	19.708	29.058	4144.975	3990.808	4125.267	3961.750	1.5	Centralizers End
Fixture	EC					30.400	18.367	4155.667	3980.117	4125.267	3961.750	1.5	Casing End
Fixture	AT				12:00	48.733	0.850	6739.717	49.092	6690.983	48.242	1.5	Protective Barrier Begin
Fixture	AT				12:00	5.167	42.300	6745.733	43.075	6740.567	0.775	1.5	Protective Barrier End

EMPCO-ARKGOV007176

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:00	39.158	8.308	6779.725	9.083	6740.567	0.775	1.5	Protective Barrier Begin
Fixture	AT				12:00	45.133	2 333	6785.700	3.108	6740.567	0.775	1.5	Protective Barrier End
Fixture	AT				12:00	3 142	48.492	5292.142	74.050	5289.000	25.558	1.5	Protective Barrier Begin
Fixture	AT				12:00	9.175	42.458	5298.175	68.017	5289.000	25.558	1.5	Protective Barrier End
Fixture	AT				12:00	5.083	37.217	5345.717	20.475	5340.633	-16.742	1.5	Protective Barrier Begin
Fixture	AT				12:00	11.158	31.142	5351.792	14.400	5340.633	-16.742	1.5	Protective Barrier End
Fixture	LEAD				12.00	3.825	41.642	3695.525	2091.658	3691.700	2050.017	1.5	Test Lead
Fixture	LEAD				12:00	4 792	1.458	2210.483	817 367	2205 692	815 908	1.5	Test Lead
Fixture	BC					5 175	1 075	2210.867	816.983	2205 692	815 908	1.5	Casing Begin - State Hwy. 89
Fixture	AT				06.55	8 058	42 017	2220.000	807.850	2211.942	765 833	1.5	Centralizers Begin
Fixture	AT				09:00	8.092	40 650	2270.108	757 742	2262.017	717.092	1.5	Centralizers End
Fixture	EC					20.217	28.525	2282.233	745.617	2262.017	717.092	1.5	Casing End
Fixture	TAP				12:00	7.417	42.333	533.267	6558.175	525.850	6515.842	1.5	Tap
Fixture	BRS					30.433	16.592	6900.325	191.117	6869.892	174.525	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	31.950	15.075	6901.842	189.600	6869.892	174.525	1.5	Stopple
Fixture	ERS					33.517	13 508	6903.408	188.033	6869 892	174 525	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	37 992	9 033	6907.883	183 558	6869 892	174 525	1.5	Tap
Fixture	BRS					30 592	6.667	7079.900	11 542	7049.308	4.875	1.6	Sleeve Reinforcement Begin
Fixture	TAP				03:00	31.708	5.550	7081.017	10.425	7049.308	4.875	1.6	Tap
Fixture	ERS					32.750	4.508	7082.058	9.383	7049.308	4.875	1.6	Sleeve Reinforcement End
Fixture	TAP				12:00	1.292	1.158	7087.858	3.583	7086.567	2.425	1.6	Tap
Fixture	TAP				12:00	0.850	1.942	3.092	4.633	2.242	2.692	1.5	Tap
Fixture	TAP				12.00	2.083	0.708	4.325	3.400	2.242	2.692	1.5	Tap
Fixture	TAP				12.00	1.425	2.300	3.700	8979.567	2 275	8977.267	1.5	Tap
Fixture	BRS					2.217	46.825	8.217	8975.050	6.000	8928.225	1.4	Sleeve Reinforcement Begin
Fixture	TAP				03:00	3.250	45.792	9.250	8974.017	6.000	8928.225	1.6	Tap
Fixture	ERS					4.375	44.667	10.375	8972.892	6.000	8928.225	1.6	Sleeve Reinforcement End
Fixture	TAP				12:00	6.900	42.142	12.900	8970.367	6.000	8928.225	1.5	Tap
Fixture	TAP				11:00	21.150	28.842	76.192	8907.075	55.042	8878.233	1.5	Tap
Fixture	TAP				11:00	21.817	28.175	76.858	8906.408	55.042	8878.233	1.5	Tap
Fixture	TAP				11:00	22.458	27.533	77.500	8905.767	55.042	8878.233	1.5	Tap
Fixture	TAP				11:00	23.275	26.717	78.317	8904.950	55.042	8878.233	1.5	Tap
Fixture	TAP				12:00	4.058	36.967	3252.967	5730.300	3248.908	5693.333	1.6	Tap
Fixture	WT					8.867	31.592	3668.200	5315.067	3659.333	5283.475	1.6	Weights Begin - Arkansas River Area

EMPCO-ARKGOV007177

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	WT	(b) (7)(F)				4.500	38 775	7391.800	1591.467	7387.300	1552.692	1.6	Weights End
Fixture	AT				12:00	13.100	35.267	8845.408	137.858	8832.308	102.592	1.5	Attachment
Fixture	SUPP				06:00	17.658	29.950	8943.217	40.050	8925.558	10.100	1.5	Support
Fixture	TAP				12.00	6.567	1.200	8979.733	3.533	8973.167	2.333	1.5	Tap
Fixture	TAP				12:00	0.642	35.817	3.950	1526.375	3.308	1490.558	1.5	Tap
Fixture	SUPP				06:00	22.633	15.967	62.400	1467.925	39.767	1451.958	1.5	Support
Fixture	LEAD				12:00	36.742	8.717	429.208	1101.117	392.467	1092.400	1.5	Test Lead
Fixture	BC					36.208	10 150	1254.883	275 442	1218.675	265.292	1.5	Casing Begin - C.R.I. & P. RR
Fixture	AT				01:10	2.258	45 517	1267.292	263.033	1265.033	217.517	1.5	Centralizers Begin
Fixture	AT				06:45	32.958	12.750	1387.458	142.867	1354 500	130 117	1.5	Centralizers End
Fixture	EC					43 292	2.417	1397.792	132.533	1354.500	130.117	1.5	Casing End
Fixture	TAP				12:00	20.692	24.900	1467.158	63.167	1446.467	38.267	1.5	Tap
Fixture	TAP				12:00	10.733	1.883	1518.042	12.283	1507.308	10.400	1.6	Tap
Fixture	TAP				12:00	11.583	1.033	1518.892	11.433	1507.308	10.400	1.6	Tap
Fixture	VLV					2.742	2.483	1522.667	7.658	1519.925	5.175	1.6	Valve Check
Fixture	TAP				12:00	0.833	2.075	1525.983	4.342	1525.150	2.267	1.5	Tap
Fixture	TAP				12:00	1.700	1.208	1526.850	3.475	1525.150	2.267	1.6	Tap
Fixture	TAP				12:00	0.967	11.508	3.192	8841.583	2 225	8830.075	1.5	Tap
Fixture	TAP				12:00	33.592	12.750	92.000	8752.775	58.408	8740.025	1.5	Tap
Fixture	LEAD				12:00	44.658	0.575	962.100	7882.675	917.442	7882.100	1.5	Test Lead
Fixture	TAP				12:00	7.733	39.217	1530.550	7314.225	1522.817	7275.008	1.5	Tap Patch
Fixture	BS					38.042	10 058	3103.458	5741.317	3065 417	5731.258	1.5	Sleeve Begin Repaired 04/10/02
Fixture	ES					40.108	7.992	3105.525	5739.250	3065.417	5731.258	1.5	Sleeve End
Fixture	BS					16.467	23 983	3560.975	5283.800	3544 508	5259.817	1.5	Sleeve Begin Repaired 04/10/02
Fixture	ES					18.542	21 908	3563.050	5281.725	3544.508	5259.817	1.5	Sleeve End
Fixture	TAP				12:00	5.667	42.708	4390.217	4454.558	4384.550	4411.850	1.5	Tap Patch
Fixture	BS					1.367	48.392	6423.608	2421.167	6422.242	2372.775	1.5	Sleeve Begin
Fixture	ES					3.750	46.008	6425.992	2418.783	6422.242	2372.775	1.5	Sleeve End
Fixture	BS					6 200	42.642	7613.650	1114.700	7607.450	1072.058	1.5	Sleeve Begin Repaired 9/9/05 w/2.0' full so
Fixture	ES					8.300	40.542	7615.750	1112.600	7607.450	1072.058	1.5	Sleeve End
Fixture	BC					6.942	36.100	3998.992	3114.008	3992.050	3077.908	1.5	Casing Begin - State Hwy 300
Fixture	EC					25.350	24.442	4060.442	3052.558	4035.092	3028.117	1.5	Casing End
Fixture	LEAD				12:00	26.083	23.708	4061.175	3051.825	4035.092	3028.117	1.5	Test Lead
Fixture	BS					6.475	43.775	3912.992	1392.775	3906.517	1349.000	1.5	Sleeve Begin Repaired 9/6/05 w/2.0' full so

EMPCO-ARKGOV007178

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	ES	(b) (7)(F)				9.058	41.192	3915.575	1390.192	3906.517	1349.000	1.5	Sleeve End
Fixture	BS					3 475	44.575	4787.375	518.392	4783.900	473.817	1.5	Sleeve Begin Repaired 9/6/05 w/1.0' full so
Fixture	ES					4 567	43.483	4788.467	517.300	4783.900	473.817	1.5	Sleeve End
Fixture	BS					26.525	10.267	5108.217	197.550	5081.692	187.283	1.5	Sleeve Begin Repaired 9/5/05 w/1.0' full so
Fixture	ES					27.583	9.208	5109.275	196.492	5081.692	187.283	1.5	Sleeve End
Fixture	BS					43.275	6.467	1677.808	3587.258	1634.533	3580.792	1.5	Sleeve Begin Repaired 9/5/05 w/1.0' full so
Fixture	ES					44.350	5.392	1678.883	3586.183	1634.533	3580.792	1.5	Sleeve End
Fixture	BS					43.625	7.775	1920.483	3344.583	1876.858	3336.808	1.5	Sleeve Begin Repaired 9/3/05 w/1.0' full so
Fixture	ES					44 683	6.717	1921.542	3343.525	1876 858	3336.808	1.5	Sleeve End
Fixture	BC					10.725	6.758	4.492	8388.967	-6.233	8382.208	1.5	Casing Begin - State Hwy. 113
Fixture	EC					32.600	18.942	94.975	8298.483	62.375	8279.542	1.5	Casing End
Fixture	LEAD				12:00	32.850	18.692	95.225	8298.233	62.375	8279.542	1.5	Test Lead
Fixture	TAP				12:00	8.100	0.850	8390.325	3.133	8382.225	2.283	1.6	Tap
Fixture	TAP				12:00	0.700	0.717	3.025	10.075	2.325	9.358	1.6	Tap
Fixture	VLV					2.708	2 742	6.450	6.650	3.742	3.908	1.6	Valve Check 15808+30
Fixture	TAP				12.00	0 833	0 875	10.025	3.075	9.192	2.200	1.5	Tap
Fixture	TAP				12:00	0 817	7.825	3.025	9560.558	2.208	9552.733	1.6	Tap
Fixture	TAP				12:00	1 292	45.033	465.750	9097.833	464 458	9052.800	1.5	Tap
Fixture	BC					30.483	14.092	1201.258	8362.325	1170.775	8348.233	1.5	Casing Begin - State Hwy. 10
Fixture	AT				01:20	3.217	35.900	1218.567	8345.017	1215.350	8309.117	1.5	Centralizers Begin
Fixture	AT				06:30	17.508	13.875	1271.975	8291.608	1254.467	8277.733	1.5	Centralizers End
Fixture	EC					27.300	4 083	1281.767	8281.817	1254.467	8277.733	1.5	Casing End
Fixture	LEAD				12:00	27.342	4.042	1281.808	8281.775	1254.467	8277 733	1.5	Test Lead
Fixture	FEAT					44 942	3.367	1395.025	8168.558	1350.083	8165.192	1.5	Full Encirclement Attachments Begin
Fixture	SUPP				06.00	38.650	14.117	1437.042	8126.542	1398.392	8112.425	1.5	Support
Fixture	FEAT					14.208	10.300	1465.367	8098.217	1451.158	8087.917	1.5	Attachments Full Encirclement End
Fixture	BS					13.225	32.008	4239.967	5323.617	4226.742	5291.608	1.5	Sleeve Begin
Fixture	ES					15.283	29.950	4242.025	5321.558	4226.742	5291.608	1.5	Sleeve End
Fixture	TAP				12:00	3.150	2 825	7299.175	2264.408	7296 025	2261.583	1.5	Tap
Fixture	BS					15.633	28.483	2691.117	1084.408	2675 483	1055.925	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					18 192	25.925	2693.675	1081.850	2675.483	1055.925	1.5	Sleeve End
Fixture	BS					12.592	32.342	3447.008	328.517	3434.417	296.175	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					15.642	29.292	3450.058	325.467	3434.417	296.175	1.5	Sleeve End
Fixture	BC					1.867	37.525	175.383	9705.167	173.517	9667.642	1.6	Casing Begin - Big Maumelle River

EMPCO-ARKGOV007179

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:40	8.283	31 108	181.800	9698.750	173.517	9667.642	1.6	Centralizers Begin
Fixture	AT				08:40	33.592	9.842	566.842	9313.708	533 250	9303.867	1.6	Centralizers End
Fixture	EC					41.758	1 675	575.008	9305.542	533.250	9303.867	1.6	Casing End
Fixture	BS					6.258	40.708	584.917	9295.633	578.658	9254.925	1.6	Sleeve Begin Repaired 04/03/02
Fixture	ES					14.325	32.642	592.983	9287.567	578.658	9254.925	1.6	Sleeve End
Fixture	TAP				12:00	22.817	21.275	648.442	9232.108	625.625	9210.833	1.5	Tap Patch
Fixture	LEAD				12:00	7.442	36.442	677.158	9203.392	669.717	9166.950	1.5	Test Lead
Fixture	BC					28 375	20.883	6993.667	2886.883	6965.292	2866.000	1.5	Casing Begin - Creek
Fixture	EC					35.700	8.608	7050.250	2830.300	7014.550	2821.692	1.5	Casing End
Fixture	BS					0 892	39 750	8073.117	1807.433	8072.225	1767.683	1.5	Sleeve Begin Repaired 04/03/02
Fixture	ES					2.950	37 692	8075.175	1805.375	8072 225	1767.683	1.5	Sleeve End
Fixture	BS					8.225	38.358	8528.533	1352.017	8520.308	1313.658	1.5	Sleeve Begin Repaired 04/03/02
Fixture	ES					11.292	35.292	8531.600	1348.950	8520.308	1313.658	1.5	Sleeve End
Fixture	BS					9.542	12.783	9270.183	610.367	9260.642	597.583	1.5	Sleeve Begin Repaired 04/03/02
Fixture	ES					11.600	10.725	9272.242	608.308	9260.642	597.583	1.5	Sleeve End
Fixture	BC					34.858	12.408	3353.308	2060.100	3318.450	2047.692	1.5	Casing Begin - Creek
Fixture	BS					46.933	0.333	3365.383	2048.025	3318 450	2047.692	1.5	Sleeve Begin
Fixture	ES					7.717	35.658	3373.433	2039.975	3365.717	2004.317	1.5	Sleeve End
Fixture	EC					14.825	28.550	3380.542	2032.867	3365.717	2004.317	1.5	Casing End
Fixture	BS					33.858	10.542	3586.575	1826.833	3552.717	1816.292	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					36.433	7.967	3589.150	1824.258	3552.717	1816.292	1.5	Sleeve End
Fixture	BS					41.208	8.483	5186.775	226.633	5145 567	218.150	1.5	Sleeve Begin
Fixture	ES					19.383	25.342	5214.642	198.767	5195.258	173.425	1.5	Sleeve End
Fixture	BS					3 267	44.742	986 942	5562.683	983.675	5517.942	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					5.817	42.192	989.492	5560.133	983.675	5517.942	1.5	Sleeve End
Fixture	BS					29.058	13.058	2203.858	4345.767	2174.800	4332.708	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					31.625	10.492	2206.425	4343.200	2174.800	4332.708	1.5	Sleeve End
Fixture	BS					16.375	28.325	2569.292	3980.333	2552.917	3952.008	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					19.425	25.275	2572.342	3977.283	2552.917	3952.008	1.5	Sleeve End
Fixture	SUPP				06:00	43.433	3.700	3394.200	3155.425	3350.767	3151.725	1.5	Support
Fixture	BS					4 458	38.917	3402.358	3147.267	3397.900	3108.350	1.5	Sleeve Begin Repaired 04/03/02
Fixture	ES					6 508	36.867	3404.408	3145.217	3397.900	3108.350	1.5	Sleeve End
Fixture	BS					34.342	11.100	3964.825	2584.800	3930.483	2573.700	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					36.917	8.525	3967.400	2582.225	3930.483	2573.700	1.5	Sleeve End

EMPCO-ARKGOV007180

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	41 058	4 942	4922.500	1627.125	4881.442	1622.183	1.5	Tap
Fixture	TAP				12:00	16 792	32 742	6548.283	1.342	6531.492	-31.400	1.5	Tap Patch
Fixture	BC					35 925	9.983	5841.450	210.383	5805.525	200.400	1.5	Casing Begin - State Hwy. 9
Fixture	LEAD				12.00	5.433	40 075	5907.033	144 800	5901 600	104.725	1.5	Test Lead
Fixture	AT				12:00	15.842	29 667	5917.442	134 392	5901.600	104.725	1.5	Centralizers Begin
Fixture	AT				06.50	20.567	25.358	5967.675	84.158	5947.108	58.800	1.5	Centralizers End
Fixture	EC					4.733	42.983	6044.525	7.308	6039.792	-35.675	1.5	Casing End
Fixture	BS					28.825	20.658	4881.392	1551.917	4852.567	1531.258	1.5	Sleeve Begin Repaired 9/8/05 w/1.37' full s
Fixture	ES					30.258	19 225	4882.825	1550 483	4852 567	1531.258	1.5	Sleeve End
Fixture	BS					20.275	27.475	2931.800	3839.433	2911.525	3811.958	1.5	Sleeve Begin Repaired 04/11/02
Fixture	ES					22 342	25.408	2933.867	3837.367	2911.525	3811.958	1.5	Sleeve End
Fixture	BC					39.275	11.075	6718.958	52 275	6679.683	41.200	1.5	Casing Begin - Lake Winona Rd.
Fixture	AT				12:00	1.300	48.608	6731.333	39.900	6730.033	-8.708	1.5	Centralizers Begin
Fixture	AT				04:55	31.600	18.308	6761.633	9.600	6730.033	-8.708	1.5	Centralizers End
Fixture	EC					41.342	8.567	0 142	6477.400	-41 200	6468.833	1.5	Casing End
Fixture	LEAD				12.00	42.000	7 908	0 800	6476.742	-41 200	6468.833	1.5	Test Lead
Fixture	BS					38.225	10 492	326.600	6150.942	288.375	6140.450	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					46 408	2.308	334 783	6142.758	288.375	6140.450	1.5	Sleeve End
Fixture	BS					48.183	0.533	336.558	6140.983	288.375	6140.450	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					8.608	39.950	345.700	6131.842	337.092	6091.892	1.5	Sleeve End
Fixture	BS					17.575	30.983	354.667	6122.875	337.092	6091.892	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					20 158	28.400	357.250	6120.292	337.092	6091 892	1.5	Sleeve End
Fixture	LEAD				12:00	32.792	13.550	1.467	5877.008	-31 325	5863.458	1.5	Test Lead
Fixture	SUPP				06:00	15.883	32.300	1504.892	4373.583	1489 008	4341.283	1.5	Support
Fixture	SUPP				06:00	32.900	15.283	1521.908	4356.567	1489.008	4341.283	1.5	Support
Fixture	LEAD				12:00	9.792	39.617	5818.542	59.933	5808.750	20.317	1.5	Test Lead
Fixture	BC					1.633	47.267	5859.792	18.683	5858.158	-28.583	1.5	Casing Begin - C/L - Road. Ditch protector
Fixture	EC					9.758	39.142	5867.917	10.558	5858.158	-28.583	1.5	Casing End
Fixture	LEAD				12.00	42 842	0.283	4641.958	193.092	4599.117	192.808	1.5	Test Lead
Fixture	LEAD				12:30	34.933	14 092	4775.842	59.208	4740.908	45.117	1.5	Test Lead
Fixture	BS					41 858	3.900	182.292	4151.917	140.433	4148.017	1.5	Sleeve Begin
Fixture	ES					43.592	2.167	184.025	4150.183	140.433	4148.017	1.5	Sleeve End
Fixture	BS					12.875	35.200	440.108	3894.100	427.233	3858.900	1.5	Sleeve Begin Repaired 9/7/05 w/1.0' full so
Fixture	ES					14.000	34.075	441.233	3892.975	427.233	3858.900	1.5	Sleeve End

EMPCO-ARKGOV007181

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	15.050	33 158	3738.517	3486.367	3723.467	3453.208	1.5	Test Lead
Fixture	SUPP				06:00	20.983	28.117	5386.825	1838.058	5365.842	1809.942	1.5	Support
Fixture	TAP				12:00	24.575	9 650	7051.283	173.600	7026.708	163.950	1.5	Tap
Fixture	BRS					28 883	5.342	7055.592	169.292	7026.708	163.950	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	30.475	3.750	7057.183	167.700	7026.708	163.950	1.5	Stopple
Fixture	ERS					32.033	2.192	7058.742	166.142	7026.708	163.950	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	2.175	46.542	7063.108	161.775	7060.933	115.233	1.5	Tap
Fixture	TAP				12:00	19.892	1.942	7220.175	4.708	7200.283	2.767	1.5	Tap
Fixture	TAP				12:00	20.883	0.950	7221.167	3.717	7200.283	2.767	1.5	Tap
Fixture	TAP				12:00	0.808	20.917	3.692	5628.725	2.883	5607 808	1.6	Tap
Fixture	TAP				12:00	1.800	19.925	4.683	5627.733	2.883	5607.808	1.6	Tap
Fixture	TAP				12:00	33.450	11.783	159 642	5472.775	126.192	5460.992	1.5	Tap
Fixture	BRS					37.858	7.375	164.050	5468.367	126.192	5460.992	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	39.408	5.825	165.600	5466.817	126.192	5460.992	1.5	Stopple
Fixture	ERS					41.008	4.225	167.200	5465.217	126.192	5460 992	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	44.233	1.000	170 425	5461.992	126.192	5460.992	1.5	Tap
Fixture	LEAD				11:30	8.183	40.692	2971.258	2661.158	2963 075	2620.467	1.5	Test Lead
Fixture	BC					6 267	39.750	5591.183	41.233	5584.917	1.483	1.5	Casing Begin - C/L - Road. Ditch protector
Fixture	EC					15.842	30.175	5600.758	31.658	5584.917	1.483	1.5	Casing End
Fixture	BC					27.417	18.600	5612.333	20.083	5584.917	1.483	1.5	Casing Begin - Ditch protector
Fixture	EC					37.483	8.533	5622.400	10.017	5584.917	1.483	1.5	Casing End
Fixture	BC					12.783	35.675	2230.283	4727.142	2217.500	4691.467	1.5	Casing Begin - C/L - Timber Rd. 24000 Di
Fixture	EC					24 883	23.575	2242.383	4715.042	2217 500	4691.467	1.5	Casing End
Fixture	LEAD				12.30	12 667	38.975	60.575	5849.750	47.908	5810.775	1.5	Test Lead
Fixture	SUPP				06:00	15.275	26.983	1630.350	4279.975	1615.075	4252.992	1.5	Support
Fixture	BS					38.858	10.550	3267.458	3103.600	3228.600	3093.050	1.5	Sleeve Begin Repaired 04/12/02
Fixture	ES					40.925	8.483	3269.525	3101.533	3228.600	3093.050	1.5	Sleeve End
Fixture	LEAD				12:00	27.517	19.392	6102.325	268.733	6074.808	249.342	1.5	Test Lead
Fixture	BC					44.092	5.358	6262.775	108.283	6218.683	102.925	1.5	Casing Begin - Road
Fixture	EC					34.708	14.400	6302.842	68 217	6268.133	53.817	1.5	Casing End
Fixture	AT				12.00	10.342	39.150	4141.000	8986.100	4130.658	8946.950	1.5	Protective Barrier Begin
Fixture	AT				12:00	18.375	31.117	4149.033	8978.067	4130.658	8946.950	1 5	Protective Barrier End
Fixture	BC					47.750	1.742	4178.408	8948.692	4130.658	8946.950	1.5	Casing Begin - C/L - Road Ditch protector
Fixture	EC					10.342	41.533	4190.492	8936.608	4180.150	8895.075	1.5	Casing End

EMPCO-ARKGOV007182

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	20.492	31.383	4200.642	8926.458	4180.150	8895.075	1.5	Test Lead
Fixture	LEAD				12:00	17 283	26.083	49 175	4798.742	31.892	4772.658	1.5	Test Lead
Fixture	BS					28.825	15.450	908.067	3939.850	879.242	3924.400	1.5	Sleeve Begin Repaired 9/2/05 w/1.5 full so
Fixture	ES					30.392	13 883	909.633	3938.283	879.242	3924.400	1.5	Sleeve End
Fixture	BS					7.925	36.458	3966.967	880.950	3959.042	844.492	1.5	Sleeve Begin Repaired 9/1/05 w/1.0' full so
Fixture	ES					9.000	35.383	3968.042	879.875	3959.042	844.492	1.5	Sleeve End
Fixture	BS					37.258	11.125	4124.725	723.192	4087.467	712.067	1.5	Sleeve Begin Repaired 9/1/05 w/1.0' full so
Fixture	ES					38.325	10 058	4125.792	722.125	4087 467	712.067	1.5	Sleeve End
Fixture	AT				12:00	12.483	22 017	9.067	6918.950	-3 417	6896.933	1.5	Protective Barrier Begin
Fixture	AT				12:00	20 558	13.942	17.142	6910.875	-3.417	6896.933	1.5	Protective Barrier End
Fixture	LEAD				12:00	28.450	1.375	59 533	6868.483	31.083	6867.108	1.5	Test Lead
Fixture	BS					6 250	41.808	2039.117	4888.900	2032.867	4847.092	1.5	Sleeve Begin Repaired 9/2/05 w/1 25' full s
Fixture	ES					7.625	40.433	2040.492	4887.525	2032.867	4847.092	1.5	Sleeve End
Fixture	BS					12.500	31 933	4522.850	2405.167	4510.350	2373.233	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					18.133	26.300	4528.483	2399.533	4510.350	2373.233	1.5	Sleeve End
Fixture	BS					9 758	33.900	4791.842	2136.175	4782 083	2102.275	1.5	Sleeve Begin Repaired 10/28/01
Fixture	ES					12 350	31.308	4794.433	2133.583	4782.083	2102.275	1.5	Sleeve End
Fixture	BS					5.017	44.900	5299.450	1628.567	5294.433	1583 667	1.5	Sleeve Begin Repaired 8/31/05 w/1 0' full s
Fixture	ES					6.075	43.842	5300.508	1627.508	5294.433	1583.667	1.5	Sleeve End
Fixture	LEAD				12:00	1.825	44.025	6015.600	314.292	6013.775	270.267	1.5	Test Lead
Fixture	BC					2.325	43.525	6016.100	313.792	6013 775	270.267	1.5	Casing Begin - State Hwy. 7
Fixture	AT				03:00	10.117	35.733	6023.892	306.000	6013.775	270.267	1.5	Centralizers Begin
Fixture	AT				05:50	24.592	22 292	6084.217	245.675	6059.625	223.383	1.5	Centralizers End
Fixture	EC					8.742	34.567	6115.250	214.642	6106 508	180 075	1.5	Casing End
Fixture	AT				12:00	19.975	26.025	346.750	6320.425	326 775	6294.400	1.5	Protective Barrier Begin
Fixture	AT				12:00	34.200	11.800	360.975	6306.200	326.775	6294.400	1.5	Protective Barrier End
Fixture	BC					0.400	44.475	3668.933	2998.242	3668.533	2953.767	1.5	Casing Begin - Abandoned RR
Fixture	AT				11:25	10.325	34.550	3678.858	2988.317	3668.533	2953.767	1.5	Centralizers Begin
Fixture	AT				11:10	5.767	43.433	3719.175	2948.000	3713 408	2904.567	1.5	Centralizers End
Fixture	EC					15.683	33.517	3729.092	2938.083	3713.408	2904.567	1.5	Casing End
Fixture	BC					3.233	45.258	6563.725	103.450	6560 492	58.192	1.5	Casing Begin - Hwy. 298
Fixture	LEAD				12:00	9.725	38.767	6570.217	96.958	6560.492	58.192	1.5	Test Lead
Fixture	EC					6.642	42.500	6662.975	4.200	6656.333	-38.300	1.5	Casing End
Fixture	BRS					27.000	19.175	4407.900	123.383	4380.900	104.208	1.5	Sleeve Reinforcement Begin

EMPCO-ARKGOV007183

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	STPL	(b) (7)(F)			12:00	28.508	17 667	4409.408	121.875	4380 900	104.208	1.5	Stopple
Fixture	ERS					30.100	16.075	4411.000	120.283	4380.900	104.208	1.5	Sleeve Reinforcement End
Fixture	TAP				12.00	35 050	11.125	4415.950	115.333	4380.900	104.208	1.5	Tap
Fixture	TAP				09:00	4.708	0.992	4527.625	3.658	4522.917	2.667	1.6	Tap
Fixture	TAP				12:00	3.525	9.250	6.167	94.433	2.642	85.183	1.6	Tap
Fixture	AT				12:00	5.525	7.250	8.167	92.433	2.642	85.183	1.5	Pig Sig
Fixture	TEE				09:00	1.258	1.242	16.675	83.925	15.417	82.683	1.6	Tee
Fixture	VLV					2.600	2.600	30.667	69 933	28.067	67.333	1.6	Valve Check 14239+51
Fixture	TEE				09:00	1.208	1 367	36.050	64.550	34.842	63.183	1.5	Tee
Fixture	AT				12:00	8.400	19.917	45.817	54.783	37.417	34 867	1.5	Pig Sig
Fixture	TEE				09.00	1.225	1.250	66.958	33.642	65.733	32.392	1.6	Tee
Fixture	VLV					2.592	2.583	80.917	19.683	78.325	17.100	1.6	Valve Check 14239+00
Fixture	TEE				09:00	1.300	1.400	86 367	14.233	85.067	12.833	1.7	Tee
Fixture	AT				12:00	5.075	4.908	92.842	7.758	87.767	2.850	1.6	Pig Sig
Fixture	TAP				12.00	12.233	33.467	100.542	9152.400	88.308	9118.933	1.5	Tap
Fixture	BRS					17.350	28.350	105.658	9147.283	88.308	9118.933	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	18.867	26.833	107 175	9145.767	88.308	9118.933	1.5	Stopple
Fixture	ERS					20.458	25.242	108 767	9144.175	88.308	9118.933	1.6	Sleeve Reinforcement End
Fixture	BS					21.367	28.933	1516.217	3133.525	1494.850	3104.592	1.5	Sleeve Begin Repaired 02/26/02
Fixture	ES					23.517	26.783	1518.367	3131.375	1494.850	3104.592	1.5	Sleeve End
Fixture	LEAD				12:00	4.483	45.542	1139.942	3260.517	1135.458	3214.975	1.5	Test Lead
Fixture	BC					46.092	0.933	1231.575	3168.883	1185.483	3167.950	1.5	Casing Begin - Logging RR
Fixture	AT				03.10	10.217	40.367	1242.725	3157.733	1232.508	3117.367	1.5	Centralizers Begin
Fixture	AT				06.25	32.117	18.467	1264.625	3135.833	1232.508	3117.367	1.5	Centralizers End
Fixture	EC					41.958	8.625	1274.467	3125.992	1232.508	3117.367	1.5	Casing End
Fixture	BC					33.150	12.717	3193.817	3479.533	3160.667	3466.817	1.5	Casing Begin - C/L - Road. Ditch protector
Fixture	EC					41.300	4.567	3201.967	3471.383	3160.667	3466.817	1.5	Casing End
Fixture	LEAD				12:00	17.400	32.717	6670.008	3.342	6652.608	-29.375	1.5	Test Lead
Fixture	BC					29.400	20.717	8.658	4472.600	-20.742	4451.883	1.5	Casing Begin - Glazypeau Rd.
Fixture	EC					39.533	10.583	18.792	4462.467	-20.742	4451 883	1.5	Casing End
Fixture	BS					10 058	40.417	4965.317	3004.525	4955.258	2964.108	1.5	Sleeve Begin Repaired 8/30/05 w/2.0' full s
Fixture	ES					12.133	38.342	4967.392	3002.450	4955.258	2964.108	1.5	Sleeve End
Fixture	BRS					4.833	26.700	5343.600	2626.242	5338.767	2599.542	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	6.350	25.183	5345.117	2624.725	5338.767	2599.542	1.5	Stopple

EMPCO-ARKGOV007184

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	ERS	(b) (7)(F)				7 908	23.625	5346.675	2623.167	5338 767	2599.542	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	13.883	17 650	5352.650	2617.192	5338.767	2599.542	1.6	Tap
Fixture	AT				12:00	29 325	2 208	5368.092	2601.750	5338.767	2599.542	1.5	Protective Barrier Begin
Fixture	AT				12:00	17 858	25.667	5388.158	2581.683	5370.300	2556.017	1.5	Protective Barrier End
Fixture	TAP				12:00	0.817	45.117	5433.042	2536.800	5432.225	2491.683	1.5	Tap
Fixture	BRS					6.808	39.125	5439.033	2530.808	5432.225	2491.683	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	8.325	37.608	5440.550	2529.292	5432.225	2491.683	1.5	Stopple
Fixture	ERS					9.900	36.033	5442.125	2527.717	5432.225	2491.683	1.5	Sleeve Reinforcement End
Fixture	BC					17 000	29.050	7909.642	60.200	7892.642	31.150	1.5	Casing Begin - Glazypeau Rd.
Fixture	LEAD				12 00	17.075	28.975	7909.717	60.125	7892.642	31.150	1.5	Test Lead
Fixture	EC					25.175	20 875	7917.817	52.025	7892.642	31.150	1.5	Casing End
Fixture	AT				05:35	29.325	18.658	431.633	7847.050	402.308	7828.392	1.5	Attachment
Fixture	LEAD				12:00	8.258	4.283	8276.442	2.242	8268.183	-2.042	1.5	Test Lead
Fixture	BC					11.642	0.900	1.142	5586.650	-10.500	5585.750	1.5	Casing Begin - State Hwy 227
Fixture	AT				08:40	9.383	23.475	11 425	5576.367	2.042	5552.892	1.5	Centralizers Begin
Fixture	AT				07:05	6.917	36.208	41.817	5545.975	34.900	5509.767	1.5	Centralizers End
Fixture	EC					15.592	27.533	50.492	5537.300	34.900	5509.767	1.5	Casing End
Fixture	LEAD				12:00	16 183	26.942	51.083	5536.708	34.900	5509.767	1.5	Test Lead
Fixture	LEAD				12:00	16.383	26.742	51.283	5536.508	34.900	5509.767	1.5	Test Lead
Fixture	BS					34.642	10.467	173.600	5414.192	138.958	5403.725	1.5	Sleeve Begin Repaired 02/27/02
Fixture	ES					6.600	39.792	190.667	5397.125	184.067	5357.333	1.5	Sleeve End
Fixture	AT				12.00	25.400	20.133	3813.958	1773.833	3788.558	1753.700	1.5	Protective Barrier Begin
Fixture	AT				12:00	31.458	14.075	3820.017	1767.775	3788.558	1753.700	1.5	Protective Barrier End
Fixture	BC					36.525	9.258	5034.067	553.725	4997.542	544.467	1.5	Casing Begin - RR
Fixture	AT				04:35	5.650	39 983	5048.975	538.817	5043.325	498.833	1.5	Centralizers Begin
Fixture	AT				03:20	9.783	34.742	5143.192	444.600	5133.408	409.858	1.5	Centralizers End
Fixture	EC					19.608	24.917	5153.017	434.775	5133.408	409.858	1.5	Casing End
Fixture	BS					30.050	15.617	5806.125	425.342	5776.075	409.725	1.5	Sleeve Begin Repaired 8/25/05 w/2.0' full s
Fixture	ES					32.142	13.525	5808.217	423.250	5776.075	409.725	1.5	Sleeve End
Fixture	BC					35.992	11.642	4 350	4325.200	-31.642	4313.558	1.5	Casing Begin - Ditch protector
Fixture	EC					45.908	1.725	14.267	4315.283	-31 642	4313.558	1.5	Casing End
Fixture	AT				12:00	8 142	37.333	24.133	4305.417	15.992	4268.083	1.5	Protective Barrier Begin
Fixture	AT				12:00	14.158	31.317	30.150	4299.400	15.992	4268.083	1.5	Protective Barrier End
Fixture	BC					26.083	19.392	42.075	4287.475	15.992	4268.083	1.5	Casing Begin - Ditch protector

EMPCO-ARKGOV007185

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:00	33.033	12 442	49.025	4280.525	15.992	4268.083	1.5	Protective Barrier Begin
Fixture	EC					35.875	9.600	51.867	4277.683	15.992	4268.083	1.5	Casing End
Fixture	AT				12:00	39.092	6.383	55 083	4274.467	15.992	4268.083	1.5	Protective Barrier End
Fixture	BC					33.350	15 167	706.892	3622.658	673.542	3607.492	1.5	Casing Begin - C/L Treasure Isle Rd. Ditch
Fixture	EC					43.458	5.058	717.000	3612.550	673.542	3607.492	1.5	Casing End
Fixture	AT				12:00	37.258	1.600	759.317	3570.233	722.058	3568.633	1.5	Protective Barrier Begin
Fixture	AT				12:00	10.358	37.658	771.275	3558.275	760.917	3520.617	1.5	Protective Barrier End
Fixture	BC					23.492	23.292	832.425	3497.125	808.933	3473.833	1.5	Casing Begin - Treasure Isle Rd.
Fixture	EC					6.858	40.617	912.942	3416.608	906 083	3375.992	1.5	Casing End
Fixture	AT				12.00	28.275	19.033	981.833	3347.717	953.558	3328.683	1.5	Protective Barrier Begin
Fixture	LEAD				12:00	29.558	17 750	983.117	3346.433	953.558	3328.683	1.5	Test Lead
Fixture	AT				12:00	35.525	11.783	989.083	3340.467	953.558	3328.683	1.5	Protective Barrier End
Fixture	SUPP				06:00	9.275	24.100	4301.208	28.342	4291.933	4.242	1.6	Support
Fixture	TAP				12:00	32.542	0.833	4324.475	5.075	4291.933	4.242	1.6	Tap
Fixture	TAP				12:00	0.567	1.242	4325.875	3.675	4325.308	2.433	1.6	Tap
Fixture	TAP				12:00	1.142	2 417	3.375	2431.383	2.233	2428.967	1.5	Tap
Fixture	TAP				12:00	2.558	1.000	4.792	2429.967	2.233	2428.967	1.5	Tap
Fixture	BPCH				12:00	36.675	2.308	537.008	1897.750	500.333	1895.442	1.6	Patch Begin
Fixture	EPCH					38.900	0.083	539.233	1895.525	500.333	1895.442	1.6	Patch End
Fixture	BC					25.175	14.325	703.358	1731.400	678.183	1717.075	1.6	Casing Begin - Ouachita River
Fixture	AT				01:15	0.925	30.975	718.608	1716.150	717.683	1685.175	1.6	Centralizers Begin
Fixture	AT				11:40	5.050	38.208	1756.408	678.350	1751.358	640 142	1.6	Centralizers End
Fixture	EC					10.475	32.783	1761.833	672.925	1751.358	640 142	1.6	Casing End
Fixture	TAP				12:00	12.133	37.308	2366.058	68.700	2353 925	31.392	1.5	Tap
Fixture	BRS					2.725	6.408	2408.625	26.133	2405.900	19.725	1.6	Sleeve Reinforcement Begin
Fixture	STPL				12:00	4.317	4.817	2410.217	24.542	2405.900	19.725	1.6	Stopple
Fixture	ERS					5.850	3.283	2411.750	23.008	2405.900	19.725	1.6	Sleeve Reinforcement End
Fixture	TAP				12:00	1.558	1.408	2416.592	18.167	2415.033	16.758	1.5	Tap
Fixture	TAP				12:00	1.258	0 958	2419.258	15.500	2418 000	14.542	1.5	Tap
Fixture	VLV					2.225	1.250	2422.442	12.317	2420.217	11.067	1.5	Valve Check
Fixture	TAP				12.00	0.833	0.583	2424.525	10.233	2423.692	9.650	1.5	Tap
Fixture	TAP				12.00	4.967	0.992	2430.075	4.683	2425.108	3.692	1.3	Tap
Fixture	TAP				12:00	1.217	0.758	3.392	4540.167	2.175	4539.408	1.5	Tap
Fixture	TAP				12:00	8.817	38.200	71.017	4472.542	62.200	4434.342	1.5	Tap

EMPCO-ARKGOV007186

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BS	(b) (7)(F)				8 192	38 267	3008.525	2016.400	3000 333	1978.133	1.5	Sleeve Begin
Fixture	ES					10.258	36 200	3010.592	2014.333	3000.333	1978.133	1.5	Sleeve End
Fixture	AT				12.00	5.983	41.742	4962.058	62.867	4956 075	21.125	1.5	Protective Barrier Begin
Fixture	AT				12:00	14.100	33 625	4970.175	54.750	4956 075	21.125	1.5	Protective Barrier End
Fixture	AT				12:00	43.742	3.983	4999.817	25.108	4956.075	21.125	1.5	Protective Barrier Begin
Fixture	AT				12:00	3.967	47.267	5007.767	17.158	5003.800	-30.108	1.5	Protective Barrier End
Fixture	AT				12:00	31.892	16.267	781.800	7195.042	749.908	7178.775	1.5	Protective Barrier Begin
Fixture	AT				12:00	40 892	7.267	790 800	7186.042	749 908	7178.775	1.5	Protective Barrier End
Fixture	AT				12:00	16 367	31.017	814 433	7162.408	798 067	7131.392	1.5	Protective Barrier Begin
Fixture	AT				12.00	24.517	22.867	822.583	7154.258	798 067	7131.392	1.5	Protective Barrier End
Fixture	BS					30.150	16.183	3913.467	4063.375	3883.317	4047.192	1.5	Sleeve Begin Repaired 02/28/02
Fixture	ES					36.267	10.067	3919.583	4057.258	3883.317	4047.192	1.5	Sleeve End
Fixture	BC					16.800	24.233	4010.333	3966.508	3993.533	3942.275	1.5	Casing Begin - Hwy 270
Fixture	AT				07:20	13.183	34.525	4047.750	3929.092	4034.567	3894.567	1.5	Centralizers Begin
Fixture	AT				04:40	5 925	41 675	4187.925	3788.917	4182 000	3747 242	1.5	Centralizers End
Fixture	EC					19 725	21.033	4249.325	3727.517	4229 600	3706.483	1.5	Casing End
Fixture	LEAD				10:00	0.358	50.833	6318.542	1658.300	6318.183	1607.467	1.5	Test Lead
Fixture	AT				12:00	36.842	8 983	1629.317	4347.017	1592.475	4338 033	1.5	Protective Barrier Begin
Fixture	AT				12:00	42.867	2.958	1635.342	4340.992	1592.475	4338.033	1.5	Protective Barrier End
Fixture	AT				12:00	13.958	34.783	1652.258	4324.075	1638.300	4289.292	1.5	Protective Barrier Begin
Fixture	AT				12:00	19.983	28.758	1658.283	4318.050	1638.300	4289.292	1.5	Protective Barrier End
Fixture	BC					34.150	9.258	2063.475	3912.858	2029 325	3903.600	1.5	Casing Begin - Grisham Rd.
Fixture	EC					0.675	48 067	2073.408	3902.925	2072.733	3854.858	1.5	Casing End
Fixture	BC					31.617	17.125	2104.350	3871.983	2072.733	3854.858	1.5	Casing Begin - Grisham Rd
Fixture	EC					43 692	5.050	2116.425	3859.908	2072 733	3854 858	1.5	Casing End
Fixture	BC					25.033	24.825	5928.233	48.100	5903.200	23.275	1.5	Casing Begin - Ditch protector
Fixture	EC					32.550	17.308	5935.750	40.583	5903.200	23.275	1.5	Casing End
Fixture	BC					5.150	43.600	5958.208	18.125	5953.058	-25.475	1.5	Casing Begin - Ditch protector
Fixture	EC					12.675	36 075	5965.733	10.600	5953.058	-25.475	1.5	Casing End
Fixture	LEAD				12:00	14.692	34 058	5967.750	8.583	5953.058	-25.475	1.5	Test Lead
Fixture	LEAD				12:00	37.108	13.800	6016.633	2360.283	5979.525	2346.483	1 5	Test Lead
Fixture	BC					37.817	13.092	6017.342	2359.575	5979.525	2346.483	1 5	Casing Begin - State Hwy 227
Fixture	AT				09:00	1.667	45.100	6032.100	2344.817	6030.433	2299.717	1.5	Centralizers Begin
Fixture	AT				02:50	42.125	4.642	6072.558	2304.358	6030.433	2299.717	1.5	Centralizers End

EMPCO-ARKGOV007187

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				5.000	11.775	6082.200	2294.717	6077.200	2282.942	1.5	Casing End
Fixture	BC					27.017	18.233	10 775	5585.408	-16.242	5567.175	1.5	Casing Begin - Nubbin Rd.
Fixture	EC					44 375	0.875	28.133	5568.050	-16.242	5567.175	1.5	Casing End
Fixture	SUPP				06:00	3 242	7.217	2953.908	2642.275	2950 667	2635.058	1.5	Support
Fixture	BC					32.475	11.058	7572.642	2401.433	7540.167	2390.375	1.5	Casing Begin - Ballard Rd.
Fixture	EC					39.075	4.458	7579.242	2394.833	7540.167	2390.375	1.5	Casing End
Fixture	BC					25.192	21.650	7608.892	2365.183	7583.700	2343.533	1.5	Casing Begin - Ballard Rd.
Fixture	EC					34.850	11.992	7618.550	2355.525	7583.700	2343.533	1.5	Casing End
Fixture	LEAD				12:00	46 533	0.308	7630.233	2343.842	7583.700	2343.533	1.5	Test Lead
Fixture	TAP				12.00	10.783	38.792	7686.600	2287.475	7675.817	2248.683	1.5	Tap Patch
Fixture	BS					45.675	1.050	8295.017	1679.058	8249 342	1678.008	1.5	Sleeve Begin
Fixture	ES					1.042	44.200	8297.108	1676.967	8296.067	1632.767	1.5	Sleeve End
Fixture	BS					15.067	33.442	9544.775	429.300	9529.708	395.858	1.5	Sleeve Begin
Fixture	ES					39.350	9.158	9569.058	405.017	9529.708	395.858	1.5	Sleeve End
Fixture	BC					44.408	5.775	32.083	7988.517	-12.325	7982.742	1.5	Casing Begin - Old Dallas Rd
Fixture	EC					0.808	46 033	38.667	7981.933	37.858	7935.900	1.5	Casing End
Fixture	LEAD				12:00	25.275	23.292	20.108	6723.608	-5.167	6700.317	1.5	Test Lead
Fixture	TAP				12:00	9.317	34.192	1922.867	4820.850	1913.550	4786.658	1.5	Tap
Fixture	TAP				12:00	4.092	46.267	6382.517	470.600	6378.425	424.333	1.5	Tap
Fixture	LEAD				12:00	22.650	7.567	65.300	5093.792	42.650	5086.225	1.5	Test Lead
Fixture	BS					5.700	1.083	3277.783	1881.308	3272.083	1880.225	1.5	Sleeve Begin
Fixture	ES					1.008	48.792	3279.875	1879.217	3278.867	1830 425	1.5	Sleeve End
Fixture	BS					35.650	8.667	939.117	6061.308	903 467	6052.642	1.5	Sleeve Begin Repaired 04/08/02 by RLB
Fixture	ES					0.542	46.408	948.325	6052.100	947 783	6005.692	1.5	Sleeve End
Fixture	TAP				12:00	6.208	43.283	1629.033	5371.392	1622.825	5328.108	1.5	Tap
Fixture	AT				12:00	14.033	36.742	6963.367	37.058	6949.333	0.317	1.5	Protective Barrier Begin
Fixture	AT				12:00	20.067	30.708	6969.400	31.025	6949.333	0.317	1.5	Protective Barrier End
Fixture	BS					20.050	30.575	4173.708	3872.117	4153.658	3841.542	1.5	Sleeve Begin
Fixture	ES					31.408	19 217	4185.067	3860.758	4153.658	3841.542	1.5	Sleeve End
Fixture	LEAD				12:00	15.833	33.958	7965.600	80.225	7949.767	46.267	1.5	Test Lead
Fixture	AT				12.00	26.733	23.058	7976.500	69.325	7949.767	46.267	1.5	Protective Barrier Begin
Fixture	AT				12.00	32 758	17.033	7982.525	63.300	7949.767	46.267	1.5	Protective Barrier End
Fixture	AT				12:00	19.750	31.183	8019.308	26.517	7999.558	-4.667	1.5	Protective Barrier Begin
Fixture	AT				12:00	30.808	20.125	8030.367	15.458	7999.558	-4.667	1.5	Protective Barrier End

EMPCO-ARKGOV007188

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	FEAT	(b) (7)(F)				29 208	19.283	1190.425	4203.942	1161.217	4184.658	1.5	Attachment Poss. Full Encirclement
Fixture	FEAT					36 217	12.275	1197.433	4196.933	1161.217	4184.658	1.5	Attachment Poss Full Encirclement
Fixture	FEAT					37 858	10.633	1199.075	4195.292	1161.217	4184.658	1.5	Attachment Poss Full Encirclement
Fixture	BS					35.892	14.075	686.725	6230.783	650.833	6216.708	1.5	Sleeve Begin Repaired 8/24/05 w/14.5' full
Fixture	ES					0.575	37.708	701.375	6216.133	700.800	6178.425	1.5	Sleeve End
Fixture	AT				12:00	34.633	14.933	2919.908	3997.600	2885.275	3982.667	1.6	Attachment
Fixture	TAP				12:00	21.800	28.817	3054.433	3863.075	3032.633	3834.258	1.5	Tap
Fixture	TAP				12.00	29.942	7.300	6907.825	9.683	6877.883	2.383	1.3	Tap
Fixture	TAP				12:00	33.375	3.867	6911.258	6.250	6877 883	2.383	1.3	Tap
Fixture	TAP				12 00	35.092	2.150	6912.975	4.533	6877 883	2.383	1.3	Tap
Fixture	TAP				12.00	1.917	0 725	4 292	1169.958	2.375	1169.233	1.3	Tap
Fixture	TAP				12:00	1 875	10.442	6.892	1167.358	5.017	1156.917	1.4	Tap
Fixture	TAP				12:00	1.600	17 717	384.283	789.967	382.683	772.250	1.5	Tap
Fixture	TAP				12:00	2.100	1.958	404.100	770.150	402.000	768.192	1.5	Tap
Fixture	TAP				12.00	3 025	1 033	405.025	769.225	402.000	768 192	1.4	Tap
Fixture	TEE				03:00	1.317	1.308	407.375	766.875	406.058	765.567	1.5	Tee
Fixture	TAP				12:00	11.800	26.508	420.483	753.767	408.683	727.258	1.4	Tap
Fixture	TAP				12.00	1.250	3.000	504 375	669.875	503.125	666.875	1.4	Tap
Fixture	VLV					2.825	2.017	510.200	664.050	507.375	662.033	1.4	Valve Check
Fixture	TEE				03:00	1.175	1.258	517.417	656.833	516.242	655.575	1.2	Tee
Fixture	AT				12:00	2.692	9.217	521.367	652.883	518.675	643.667	1.4	Pig Sig
Fixture	TEE				03:00	1.383	1.133	531.967	642.283	530 583	641.150	1.4	Tee
Fixture	VLV					2.850	2.017	539.917	634.333	537 067	632.317	1.4	Valve Check
Fixture	TAP				12:00	1.908	10.592	543.842	630 408	541.933	619.817	1.3	Tap
Fixture	TEE				09:00	1.233	1.250	576.858	597.392	575.625	596 142	1.3	Tee
Fixture	TEE				03:00	1.200	1.308	652.333	521.917	651.133	520.608	1.4	Tee
Fixture	TAP				12:00	0.425	4.700	654.067	520.183	653.642	515.483	1.4	Tap
Fixture	TAP				12:00	1.708	3.417	655.350	518.900	653.642	515.483	1.4	Tap
Fixture	AT				12:00	1 450	19.358	660.217	514.033	658.767	494 675	1.1	Pig Sig
Fixture	TAP				12:00	18 733	2.075	677.500	496.750	658.767	494 675	1.5	Tap
Fixture	TAP				12:00	5 150	5.383	1070.117	104.133	1064.967	98.750	1.4	Tap
Fixture	TAP				12.00	27.100	15 908	1131.283	42.967	1104.183	27.058	1.4	Tap
Fixture	TAP				03:00	12.908	5.833	1160.100	14.150	1147.192	8.317	1.4	Tap
Fixture	TAP				12:00	1.300	3.842	1167.233	7.017	1165.933	3.175	1.4	Tap

EMPCO-ARKGOV007189

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			03:00	4.017	1.125	1169.950	4.300	1165.933	3.175	1.4	Tap
Fixture	TAP				12:00	4 550	0.592	1170.483	3.767	1165.933	3.175	1.4	Tap
Fixture	TAP				12:00	1.125	4 258	3.383	7606.092	2.258	7601.833	1.4	Tap
Fixture	TAP				03.00	1 742	3.642	4.000	7605.475	2.258	7601.833	1.4	Tap
Fixture	TAP				12:00	1.517	30.917	11.117	7598.358	9.600	7567.442	1.4	Tap
Fixture	TAP				12:00	28.900	21.592	70.933	7538.542	42.033	7516.950	1.4	Tap
Fixture	BC					18.992	25.808	156.600	7452.875	137.608	7427.067	1.4	Casing Begin - U.S. Hwy. 70
Fixture	AT				02:10	28.658	16.142	166.267	7443.208	137.608	7427.067	1.4	Centralizers Begin
Fixture	AT				05:20	7.867	35.958	286.342	7323.133	278.475	7287.175	1.4	Centralizers End
Fixture	EC					14.200	29.625	292.675	7316.800	278.475	7287.175	1.4	Casing End
Fixture	LEAD				12.00	22 658	21.167	301.133	7308.342	278.475	7287.175	1.4	Test Lead
Fixture	BS					18.942	26.783	2175.367	5434.108	2156.425	5407.325	1.4	Sleeve Begin Repaired 8/22/05 w/2.0' full s
Fixture	ES					21.000	24.725	2177.425	5432.050	2156.425	5407.325	1.4	Sleeve End
Fixture	AT				12:00	10.717	40.525	5655.725	1953.750	5645.008	1913.225	1.6	Protective Barrier Begin
Fixture	AT				12:00	16.750	34 492	5661.758	1947.717	5645 008	1913.225	1.6	Protective Barrier End
Fixture	AT				12:00	35.475	15.767	5680.483	1928.992	5645.008	1913.225	1.6	Protective Barrier Begin
Fixture	AT				12:00	41.492	9.750	5686.500	1922.975	5645.008	1913.225	1.6	Protective Barrier End
Fixture	LEAD				11:30	30.792	18 467	7004.142	605.333	6973.350	586.867	1.6	Test Lead
Fixture	BC					38.100	11.158	7011.450	598.025	6973.350	586.867	1.6	Casing Begin - Bumblebee Rd.
Fixture	EC					48.175	1.083	7021.525	587.950	6973.350	586.867	1.6	Casing End
Fixture	BC					18.383	30.092	7040.992	568.483	7022.608	538.392	1.6	Casing Begin - Bumblebee Rd.
Fixture	EC					25.492	22.983	7048.100	561.375	7022.608	538.392	1.6	Casing End
Fixture	BS					47.392	3.308	742.983	8118.642	695 592	8115.333	1.5	Sleeve Begin
Fixture	ES					6.750	40.942	753.042	8108.583	746 292	8067.642	1.5	Sleeve End
Fixture	LEAD				01:00	45.375	4.283	6367.800	2493.825	6322.425	2489.542	1.5	Test Lead
Fixture	WT					9.108	19.533	3727.942	4946.842	3718.833	4927.308	1.6	Weights Begin - Caddo River
Fixture	WT					15.817	19.492	3906.883	4767.900	3891.067	4748.408	1.6	Weights End
Fixture	BC					10.408	39.492	8301.158	373.625	8290.750	334.133	1.5	Casing Begin - Missouri Pacific RR
Fixture	EC					44 283	3.400	8384.933	289.850	8340.650	286 450	1.5	Casing End
Fixture	LEAD				12:00	37.775	12.750	1.400	4893.250	-36.375	4880.500	1.5	Test Lead
Fixture	BC					1.808	45.675	15 958	4878.692	14.150	4833.017	1.5	Casing Begin - State Hwy. 8
Fixture	EC					44.892	2.592	59.042	4835.608	14.150	4833.017	1.5	Casing End
Fixture	BS					25.958	23.408	1875.975	3164.033	1850.017	3140.625	1.5	Sleeve Begin
Fixture	ES					28.700	20.667	1878.717	3161.292	1850.017	3140.625	1.5	Sleeve End

EMPCO-ARKGOV007190

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BC	(b) (7)(F)				9 425	41 008	41 392	5648.925	31.967	5607.917	1.5	Casing Begin - Ebenezer Rd.
Fixture	EC					19.550	30 883	51 517	5638.800	31.967	5607.917	1.5	Casing End
Fixture	BS					32.833	8 142	4471.133	1219.183	4438.300	1211.042	1.5	Sleeve Begin Repaired 8/19/05 w/2.0' full s
Fixture	ES					34.900	6.075	4473.200	1217.117	4438.300	1211.042	1.5	Sleeve End
Fixture	BS					5.642	44.933	526.525	6591.042	520.883	6546.108	1.5	Sleeve Begin Repaired 8/19/05 w/1.6' full s
Fixture	ES					7.367	43.208	528.250	6589.317	520.883	6546.108	1.5	Sleeve End
Fixture	LEAD				12:00	5.933	44.725	4133.800	2983.767	4127.867	2939.042	1.5	Test Lead
Fixture	BC					6.475	44.183	4134.342	2983.225	4127.867	2939.042	1.5	Casing Begin - State Hwy. 84
Fixture	LEAD				12:00	27 500	23.158	4155.367	2962.200	4127.867	2939.042	1.5	Test Lead
Fixture	EC					10.050	39 725	4256.275	2861.292	4246.225	2821.567	1.5	Casing End
Fixture	BS					44.808	3.333	2217.350	2596.425	2172 542	2593.092	1.5	Sleeve Begin Repaired 8/18/05 w/2.0' full s
Fixture	ES					46.925	1.217	2219.467	2594.308	2172.542	2593.092	1.5	Sleeve End
Fixture	TAP				12.00	20.967	26.175	2312.117	2501.658	2291.150	2475.483	1.5	Tap Patch
Fixture	BS					9.433	40.533	3434.958	1378.817	3425.525	1338.283	1.5	Sleeve Begin Repaired 8/18/05 w/3.0' full s
Fixture	ES					12.525	37 442	3438.050	1375.725	3425.525	1338.283	1.5	Sleeve End
Fixture	BS					46.592	0.275	3522.083	1291.692	3475.492	1291.417	1.5	Sleeve Begin Repaired 8/18/05 w/1 0' full s
Fixture	ES					0 825	50.033	3523.183	1290.592	3522.358	1240.558	1.5	Sleeve End
Fixture	AT				12:00	16.425	30.600	3678.933	1134.842	3662.508	1104.242	1.5	Protective Barrier Begin
Fixture	BS					23.900	23.125	3686.408	1127.367	3662.508	1104.242	1.5	Sleeve Begin
Fixture	ES					25.308	21.717	3687.817	1125.958	3662.508	1104.242	1.5	Sleeve End
Fixture	AT				12:00	29.567	17.458	3692.075	1121.700	3662.508	1104.242	1.5	Protective Barrier End
Fixture	BC					15.842	0.108	2.258	8100.917	-13 583	8100.808	1.5	Casing Begin - Ditch protector
Fixture	EC					9.992	23.183	12.358	8090.817	2.367	8067.633	1.5	Casing End
Fixture	BC					2.100	41.458	5585.250	2517.925	5583 150	2476 467	1.5	Casing Begin - CR
Fixture	EC					23 308	20.250	5606.458	2496.717	5583.150	2476.467	1.5	Casing End
Fixture	BS					7.233	10.008	8095.225	7.950	8087.992	-2.058	1.5	Sleeve Begin
Fixture	ES					13.067	4.175	8101.058	2.117	8087.992	-2.058	1.5	Sleeve End
Fixture	BC					32.150	10.933	34.208	5857.008	2.058	5846.075	1.5	Casing Begin - Ditch protector
Fixture	EC					42.325	0.758	44.383	5846.833	2.058	5846.075	1.5	Casing End
Fixture	BC					3.183	43.758	3286.708	2604.508	3283.525	2560.750	1.5	Casing Begin - State Hwy. 27
Fixture	EC					22.175	5.467	3352.642	2538.575	3330.467	2533.108	1.5	Casing End
Fixture	AT				12.00	40.750	3.825	3738.858	3701.950	3698.108	3698.125	1.5	Protective Barrier Begin
Fixture	AT				12:00	3.592	46.458	3746.275	3694.533	3742.683	3648.075	1.5	Protective Barrier End
Fixture	AT				12:00	18.633	31.417	3761.317	3679.492	3742.683	3648.075	1.5	Protective Barrier Begin

EMPCO-ARKGOV007191

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			12:00	28.925	21.125	3771.608	3669.200	3742 683	3648.075	1.5	Protective Barrier End
Fixture	AT				12:00	1.358	49.825	7405.008	35 800	7403.650	-14.025	1.5	Protective Barrier Begin
Fixture	AT				12:00	7.383	43.800	7411.033	29.775	7403 650	-14.025	1.5	Protective Barrier End
Fixture	AT				12 00	23.017	28.167	7426.667	14 142	7403.650	-14.025	1.5	Protective Barrier Begin
Fixture	AT				12:00	29.067	22.117	7432.717	8.092	7403.650	-14.025	1.5	Protective Barrier End
Fixture	AT				12:00	23.283	26.442	2328.858	1466.242	2305.575	1439.800	1.5	Protective Barrier Begin
Fixture	AT				12:00	42.725	7.000	2348.300	1446.800	2305.575	1439.800	1.5	Protective Barrier End
Fixture	TAP				12.00	46 192	5.717	2401.492	1393.608	2355.300	1387.892	1.5	Tap
Fixture	TAP				12.00	17.175	32.367	2424.383	1370.717	2407.208	1338.350	1.5	Tap Patch
Fixture	AT				12:00	45.117	6.033	3254.375	540.725	3209.258	534.692	1.5	Protective Barrier Begin
Fixture	AT				12:00	0.667	49.958	3261.075	534.025	3260 408	484 067	1.5	Protective Barrier End
Fixture	AT				12:00	18.633	31.992	3279.042	516.058	3260.408	484.067	1.5	Protective Barrier Begin
Fixture	AT				12:00	25.342	25.283	3285.750	509.350	3260.408	484.067	1.5	Protective Barrier End
Fixture	BC					6.092	38.342	3.300	5823.950	-2.792	5785.608	1.5	Casing Begin - Trace Rd.
Fixture	EC					16.167	28.267	13.375	5813.875	-2.792	5785.608	1.5	Casing End
Fixture	BC					35.208	9.225	32.417	5794.833	-2.792	5785 608	1.5	Casing Begin - Trace Rd.
Fixture	EC					0.833	47.567	42 475	5784.775	41.642	5737.208	1.5	Casing End
Fixture	BS					21.525	26.883	639.492	5187.758	617.967	5160.875	1.5	Sleeve Begin Repaired 8/17/05 w/3 0' full s
Fixture	ES					24.583	23.825	642.550	5184.700	617.967	5160.875	1.5	Sleeve End
Fixture	BS					44.658	2.042	1243.983	4583.267	1199.325	4581.225	1.5	Sleeve Begin Repaired 8/16/05 w/4.0' full s
Fixture	ES					2.042	44.067	1248.067	4579.183	1246.025	4535.117	1.5	Sleeve End
Fixture	BS					9.683	37.142	2124.408	3702.842	2114.725	3665.700	1.5	Sleeve Begin Repaired 8/16/05 w/4.0' full s
Fixture	ES					13.775	33.050	2128.500	3698.750	2114.725	3665.700	1.5	Sleeve End
Fixture	BC					48.850	1.625	539.967	8555.850	491.117	8554.225	1.5	Casing Begin - Ditch protector
Fixture	EC					6 025	41.400	547.617	8548.200	541.592	8506.800	1.5	Casing End
Fixture	AT				12:00	13.242	34 183	554.833	8540.983	541.592	8506.800	1.5	Protective Barrier Begin
Fixture	AT				12:00	23.342	24.083	564.933	8530.883	541.592	8506.800	1.5	Protective Barrier End
Fixture	BC					45.083	3.150	6408.050	2687.767	6362.967	2684.617	1.5	Casing Begin - Ditch protector
Fixture	EC					4.542	45.833	6415.742	2680.075	6411.200	2634.242	1.5	Casing End
Fixture	TAP				12.00	1.967	49.617	9037.408	58.408	9035.442	8.792	1.5	Tap
Fixture	TAP				12 00	4.775	46.808	9040.217	55 600	9035.442	8.792	1.5	Tap
Fixture	TAP				12:00	5.250	1.167	9092.275	3.542	9087 025	2.375	1.5	Tap
Fixture	TAP				12:00	1.158	2.517	3.575	5567.525	2.417	5565.008	1.5	Tap
Fixture	TAP				12:00	2.667	33.850	8.758	5562.342	6.092	5528.492	1.5	Tap

EMPCO-ARKGOV007192

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	11 650	39 367	54.258	5516.842	42.608	5477.475	1.5	Tap
Fixture	TAP				12:00	13 308	12 500	255.633	5315.467	242 325	5302.967	1.5	Tap
Fixture	BRS					16.025	9.783	258.350	5312.750	242.325	5302.967	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	17 575	8 233	259.900	5311.200	242 325	5302.967	1.5	Stopple
Fixture	ERS					19.142	6.667	261.467	5309.633	242.325	5302.967	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	21.858	3.950	264.183	5306.917	242.325	5302.967	1.5	Tap
Fixture	BC					0.450	49.000	416.892	5154.208	416.442	5105.208	1.5	Casing Begin - State Hwy. 19
Fixture	AT				02.25	3 583	45.867	420.025	5151.075	416.442	5105.208	1.5	Centralizers Begin
Fixture	AT				07:25	24.808	23.400	539.567	5031.533	514.758	5008.133	1.5	Centralizers End
Fixture	EC					28.892	16.458	591.858	4979.242	562.967	4962.783	1.5	Casing End
Fixture	TAP				12:00	4.567	40.642	612.883	4958.217	608.317	4917.575	1.5	Tap
Fixture	WT					7.258	33.508	1124.317	4446.783	1117.058	4413.275	1.6	Weights Begin - Little Missouri River
Fixture	WT					39.525	3.242	1402.717	4168.383	1363.192	4165.142	1.6	Weights End
Fixture	TAP				12:00	0.433	1.492	1588.742	3982.358	1588.308	3980.867	1.6	Tap
Fixture	VLV					1.842	1 592	1592.075	3979.025	1590.233	3977.433	1.5	Valve Check
Fixture	TAP				12.00	1 417	0 408	1595.083	3976.017	1593.667	3975.608	1.5	Tap
Fixture	TAP				12:00	3.842	41.783	2687.100	2368.875	2683.258	2327.092	1.5	Tap Patch
Fixture	BC					30.083	16 292	1484.433	3077.275	1454.350	3060 983	1.5	Casing Begin - Ditch protector
Fixture	EC					40.175	6.200	1494.525	3067.183	1454.350	3060.983	1.5	Casing End
Fixture	AT				09:10	12.950	36.158	4271.750	289.958	4258.800	253.800	1.5	Attachment Possible
Fixture	TAP				12:00	36.208	1.092	4558.325	3.383	4522.117	2.292	1.6	Tap
Fixture	TAP				12:00	0 958	0.633	3.267	10992.017	2.308	10991.383	1.5	Tap
Fixture	WT					3.117	37.867	2846.433	8148.850	2843.317	8110.983	1.6	Weights Begin - Muddy Fork River
Fixture	WT					31.067	8.542	2915.367	8079.917	2884.300	8071.375	1.6	Weights End
Fixture	TAP				12:00	22 133	6.417	5261.250	5734.033	5239.117	5727.617	1.5	Tap
Fixture	TAP				12:00	27.367	1.183	5266.483	5728.800	5239.117	5727.617	1.5	Tap
Fixture	VLV					2.875	2.042	5270.542	5724.742	5267.667	5722.700	0.0	Valve Check # S.P. 11201+89 B.M. V212.
Fixture	TAP				12:00	1.167	1.317	5273.750	5721.533	5272.583	5720.217	1.5	Tap
Fixture	TAP				12:00	2.750	11.825	5277.817	5717.467	5275 067	5705.642	1.7	Tap
Fixture	BC					11.292	39 292	9809.925	1185.358	9798.633	1146.067	1.5	Casing Begin - Ditch protector
Fixture	EC					19 408	31.175	9818.042	1177.242	9798.633	1146.067	1.5	Casing End
Fixture	BC					37 742	12.842	9836.375	1158.908	9798.633	1146.067	1.5	Casing Begin - Ditch protector
Fixture	EC					47.817	2.767	9846.450	1148.833	9798.633	1146.067	1.5	Casing End
Fixture	BC					18.408	24.017	18.208	8713.000	-0.200	8688.983	1.5	Casing Begin - Nathan Rd.

EMPCO-ARKGOV007193

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			05:25	29 458	12.967	29 258	8701.950	-0.200	8688.983	1.5	Centralizers Begin
Fixture	AT				11:25	9.383	15.117	51.608	8679.600	42.225	8664.483	1.5	Centralizers End
Fixture	EC					20.058	4.442	62.283	8668.925	42.225	8664.483	1.5	Casing End
Fixture	LEAD				12:00	20.908	3.592	63.133	8668.075	42.225	8664.483	1.5	Test Lead
Fixture	LEAD				12:00	3.883	1.033	6823.242	1907.967	6819.358	1906.933	1.5	Test Lead
Fixture	BC					4.742	0.175	6824.100	1907.108	6819.358	1906.933	1.5	Casing Begin - CR 6
Fixture	AT				03:50	4.217	2.292	6834.067	1897.142	6829.850	1894.850	1.5	Centralizers Begin
Fixture	AT				09.50	18.183	29.442	6854.542	1876.667	6836 358	1847.225	1.5	Centralizers End
Fixture	EC					40.650	6.975	6877.008	1854.200	6836.358	1847.225	1.5	Casing End
Fixture	BC					16.292	32.183	8339.700	391.508	8323 408	359.325	1.5	Casing Begin - Ditch protector
Fixture	EC					25.775	22.700	8349.183	382.025	8323.408	359.325	1.5	Casing End
Fixture	BC					41.850	6.625	8365.258	365.950	8323.408	359.325	1.5	Casing Begin - Ditch protector
Fixture	EC					3.425	46.767	8375.308	355.900	8371.883	309.133	1.5	Casing End
Fixture	BC					39.558	4.542	3159.017	3916.900	3119.458	3912.358	1.5	Casing Begin - Haul Rd.
Fixture	EC					46.733	1.183	3259.083	3816.833	3212.350	3815.650	1.5	Casing End
Fixture	BC					12.767	37.558	4256.317	2819.600	4243.550	2782.042	1.5	Casing Begin - RR
Fixture	EC					4.225	43 708	4397.200	2678.717	4392.975	2635.008	1.5	Casing End
Fixture	LEAD				12:00	4.575	11 292	7024.617	51.300	7020.042	40.008	1.5	Test Lead
Fixture	BC					5.500	10.367	7025.542	50.375	7020.042	40.008	1.5	Casing Begin - State Hwy. 369
Fixture	AT				11:25	14.542	1.325	7034.583	41.333	7020.042	40.008	1.5	Centralizers Begin
Fixture	AT				11:25	19.208	26.675	7055.117	20.800	7035.908	-5.875	1.5	Centralizers End
Fixture	EC					32.283	13.600	7068.192	7.725	7035.908	-5 875	1.5	Casing End
Fixture	TAP				12:00	3.117	47.533	35.833	7306.292	32.717	7258 758	1.5	Tap Patch
Fixture	TAP				12:00	42.883	6.525	175.550	7166.575	132.667	7160.050	1.5	Tap
Fixture	TAP				12.00	1.200	8.808	1619.858	5722.267	1618.658	5713.458	1.5	Tap
Fixture	TAP				12:00	24.192	25.050	1684.633	5657.492	1660.442	5632.442	1.5	Tap
Fixture	TAP				12:00	37.883	11.408	3489.042	3853.083	3451.158	3841.675	1.5	Tap
Fixture	BS					19.883	32.375	1129.633	5659.358	1109.750	5626.983	1.5	Sleeve Begin
Fixture	ES					23.942	28.317	1133.692	5655.300	1109 750	5626 983	1.5	Sleeve End
Fixture	TAP				12:00	11.600	36.267	5924.025	864.967	5912.425	828.700	1.5	Tap
Fixture	LEAD				11:30	24.233	23.292	2294.258	3940.717	2270.025	3917.425	1.5	Possible Test Lead
Fixture	BS					3.767	47.542	3042.533	3192.442	3038.767	3144.900	1.5	Sleeve Begin Repaired 04/10/02 by RLB
Fixture	ES					11.942	39.367	3050.708	3184.267	3038.767	3144.900	1.5	Sleeve End
Fixture	BS					19.667	31.642	3058.433	3176.542	3038.767	3144.900	1.5	Sleeve Begin

EMPCO-ARKGOV007194

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	ES	(b) (7)(F)				23.783	27.525	3062.550	3172.425	3038.767	3144.900	1.5	Sleeve End
Fixture	BRS					35.075	16 242	4703.358	1531.617	4668.283	1515.375	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12.00	36.658	14.658	4704.942	1530.033	4668.283	1515.375	1.5	Stopple
Fixture	ERS					38.208	13.108	4706.492	1528.483	4668.283	1515.375	1.5	Sleeve Reinforcement End
Fixture	TAP				12.00	40.767	10.550	4709.050	1525.925	4668.283	1515.375	1.5	Tap
Fixture	TAP				12:00	4.783	25.900	4809.817	1425.158	4805.033	1399.258	1.5	Tap
Fixture	TAP				12:00	36.925	9.367	4872.642	1362.333	4835.717	1352.967	1.5	Tap
Fixture	BRS					39.792	6 500	4875.508	1359.467	4835.717	1352.967	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	41 342	4.950	4877.058	1357.917	4835.717	1352.967	1.5	Stopple
Fixture	ERS					42.900	3.392	4878.617	1356.358	4835 717	1352.967	1.5	Sleeve Reinforcement End
Fixture	LEAD				12 30	26.250	16.567	1828.600	7826.000	1802.350	7809.433	1.5	Possible Test Lead
Fixture	TAP				12:00	20.917	20 342	5321.025	4333.575	5300.108	4313.233	1.5	Tap Patch
Fixture	LEAD				12:00	21.375	18.300	6730.342	2924.258	6708.967	2905.958	1.5	Test Lead
Fixture	BC					21.933	17.742	6730.900	2923.700	6708.967	2905 958	1.5	Casing Begin - U.S. Hwy. 278
Fixture	LEAD				12:00	7.742	41.075	6756.383	2898.217	6748.642	2857.142	1.5	Test Lead
Fixture	AT				10.50	19.075	29.742	6767.717	2886.883	6748 642	2857.142	1.5	Centralizers Begin
Fixture	AT				12:20	41.200	7.617	6789.842	2864.758	6748.642	2857.142	1.5	Centralizers End
Fixture	EC					24.783	26.850	6832.017	2822.583	6807.233	2795.733	1.5	Casing End
Fixture	LEAD				12:00	0.525	50.175	5158.083	92.892	5157.558	42.717	1.5	Test Lead
Fixture	BC					3.308	47.392	5160.867	90.108	5157.558	42.717	1.5	Casing Begin - Possum Hollow Rd.
Fixture	AT				05:00	12.808	37.892	5170.367	80.608	5157.558	42.717	1.5	Centralizers Begin
Fixture	AT				11:20	22.383	25.100	5230.642	20.333	5208.258	-4.767	1.5	Centralizers End
Fixture	EC					32.600	14 883	5240.858	10 117	5208.258	-4.767	1.5	Casing End
Fixture	LEAD				12.00	2.175	42.700	6286.958	202.342	6284.783	159.642	1.5	Test Lead
Fixture	BC					3.867	41.008	6288.650	200.650	6284.783	159.642	1.5	Casing Begin - State Hwy. 26
Fixture	AT				04:15	7.075	38.550	6348.900	140.400	6341.825	101.850	1.5	Centralizers Begin
Fixture	AT				02:50	32.525	12.742	6419.975	69.325	6387.450	56.583	1.5	Centralizers End
Fixture	EC					12.742	37.258	6487.375	1.925	6474.633	-35.333	1.5	Casing End
Fixture	BC					3.508	44.217	2.192	7649.325	-1.317	7605.108	1.5	Casing Begin - U.S. Hwy. 371
Fixture	AT				07:05	13.008	34.717	11.692	7639.825	-1.317	7605.108	1.5	Centralizers Begin
Fixture	AT				11:10	21.433	25.900	162.842	7488.675	141.408	7462 775	1.5	Centralizers End
Fixture	EC					33.767	13 567	175.175	7476.342	141.408	7462.775	1 5	Casing End
Fixture	LEAD				12:00	0.517	22.817	621.200	8175.425	620.683	8152.608	1.6	Test Lead
Fixture	WT					16.442	26.242	744.900	8051.725	728.458	8025.483	1.6	Weight - Saline River

EMPCO-ARKGOV007195

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	WT	(b) (7)(F)				11.442	30.942	782.583	8014.042	771.142	7983.100	1.6	Weight
Fixture	LEAD				12:00	42 283	0 692	902.858	7893.767	860 575	7893.075	1.6	Test Lead
Fixture	TAP				12:00	38.550	4.175	6635.642	2160.983	6597.092	2156.808	1.5	Tap
Fixture	TAP				12:00	41.725	4 958	7897.183	899.442	7855.458	894 483	1.5	Tap
Fixture	TAP				12:00	9.125	35.892	112.583	4467.225	103.458	4431.333	1.5	Tap
Fixture	BC					2.683	36.858	4502.958	76.850	4500.275	39.992	1.5	Casing Begin - State Hwy. 317
Fixture	AT				02:00	12.867	26.675	4513.142	66.667	4500.275	39.992	1.5	Centralizers Begin
Fixture	AT				11:25	3.525	21.317	4543.342	36.467	4539.817	15.150	1.5	Centralizers End
Fixture	EC					15 500	9.342	4555.317	24.492	4539.817	15.150	1.5	Casing End
Fixture	TAP				12:00	11.858	32.583	5804.092	1392.442	5792.233	1359.858	1.5	Tap
Fixture	TAP				12:00	25.283	21.025	6609.600	586.933	6584 317	565.908	1.5	Tap
Fixture	BC					1.642	46.067	2009.750	3005.325	2008.108	2959.258	1.5	Casing Begin - Ditch protector
Fixture	EC					9.733	37.975	2017.842	2997.233	2008.108	2959.258	1.5	Casing End
Fixture	TAP				12:00	2.450	18.767	2058.267	2956.808	2055.817	2938.042	1.5	Tap
Fixture	TAP				12:00	24 125	24.633	1318.875	4671.533	1294.750	4646.900	1.5	Tap Patch
Fixture	BC					2.617	45.867	6763.117	3649.625	6760.500	3603.758	1.5	Casing Begin - Hwy. 71
Fixture	AT				10.50	11.850	36.633	6772.350	3640.392	6760.500	3603.758	1.5	Centralizers Begin
Fixture	AT				04.45	36.050	12.808	6845.033	3567.708	6808.983	3554 900	1.5	Centralizers End
Fixture	EC					45.600	3.258	6854.583	3558.158	6808.983	3554.900	1.5	Casing End
Fixture	BC					5.475	25.283	7173.758	3238.983	7168.283	3213.700	1.5	Casing Begin - Melrose Rd.
Fixture	AT				09:45	12.142	18.617	7180.425	3232.317	7168.283	3213.700	1.5	Centralizers Begin
Fixture	AT				06:40	23 733	11.283	7222.775	3189.967	7199.042	3178.683	1.5	Centralizers End
Fixture	EC					33.608	1.408	7232.650	3180.092	7199.042	3178.683	1.5	Casing End
Fixture	LEAD				12:00	34.883	0.133	7233.925	3178.817	7199.042	3178.683	1.5	Test Lead
Fixture	TAP				12:00	3.258	3.158	10407.150	5.592	10403.892	2.433	1.6	Tap
Fixture	TAP				12:00	5.183	1.233	10409.075	3.667	10403.892	2.433	1.6	Tap
Fixture	TAP				12:00	1.150	3.108	3.492	12582.250	2.342	12579.142	1.5	Tap
Fixture	TAP				12:00	10.117	24.792	16.717	12569.025	6.600	12544.233	1.5	Tap
Fixture	TAP				12:00	32.700	17.983	269.475	12316.267	236.775	12298.283	1.5	Tap
Fixture	BRS					36 850	13.833	273.625	12312.117	236.775	12298.283	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	38 425	12.258	275.200	12310.542	236.775	12298.283	1.5	Stopple
Fixture	ERS					39.950	10.733	276 725	12309.017	236.775	12298.283	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	44.042	6.642	280.817	12304.925	236.775	12298.283	1.5	Tap
Fixture	BS					14.092	36.667	6240.100	6345.642	6226.008	6308.975	1.5	Sleeve Begin Repaired 04/02/02 by RLB

EMPCO-ARKGOV007196

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	ES	(b) (7)(F)				21.167	29.592	6247.175	6338.567	6226.008	6308.975	1.5	Sleeve End
Fixture	WT					4 658	35.592	9424.050	3161.692	9419.392	3126.100	1.6	Weights Begin - Cossatot River
Fixture	WT					20.258	15.900	9479.900	3105.842	9459.642	3089.942	1.6	Weights End
Fixture	BC					10.533	19 367	352.567	4993.725	342.033	4974.358	1.6	Casing Begin - Little River Crossing
Fixture	AT				02:10	20.725	9.175	362.758	4983.533	342.033	4974.358	1.6	Centralizers Begin
Fixture	AT				11:05	21.133	19.483	1032.958	4313.333	1011.825	4293.850	1.6	Centralizers End
Fixture	EC					29.650	10.967	1041.475	4304.817	1011.825	4293.850	1.6	Casing End
Fixture	TAP				12 00	39.050	1 567	1050.875	4295.417	1011.825	4293.850	1.6	Tap Patch
Fixture	BRS					6.617	22.583	5317.342	28.950	5310.725	6.367	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	7.967	21.233	5318.692	27.600	5310.725	6.367	1.5	Stopple
Fixture	ERS					9.367	19.833	5320.092	26.200	5310 725	6.367	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	12.325	16.875	5323.050	23.242	5310.725	6.367	1.5	Tap
Fixture	TAP				12:00	2.783	1.258	5342.708	3.583	5339.925	2.325	1.5	Tap
Fixture	TAP				12:00	1.158	1.775	3.467	7012.075	2.308	7010.300	1.5	Tap
Fixture	TAP				12:00	0.833	1.117	6.075	7009.467	5.242	7008 350	1.6	Tap
Fixture	VLV					1.833	1 608	9.025	7006.517	7.192	7004.908	1.4	Valve Check
Fixture	TAP				12.00	1 050	0.783	11.683	7003.858	10.633	7003.075	1.5	Tap
Fixture	TAP				12:00	13.625	30 750	26.092	6989.450	12.467	6958 700	1.5	Tap
Fixture	BRS					16.633	27.742	29.100	6986.442	12.467	6958.700	1.5	Sleeve Reinforcement Begin
Fixture	STPL				12:00	18.142	26.233	30.608	6984.933	12.467	6958.700	1.5	Stopple
Fixture	ERS					19.633	24 742	32.100	6983.442	12.467	6958.700	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	17.775	27.500	303.950	6711.592	286.175	6684.092	1.5	Tap Patch
Fixture	LEAD				11.45	17.592	31 308	3421.275	7.658	3403 683	-23.650	2.2	Test Lead
Fixture	BC					18.250	30.650	3421.933	7.000	3403.683	-23.650	2.2	Casing Begin - KCS R R. & State Hwy. 234
Fixture	BS					23 850	25.050	3427.533	1.400	3403.683	-23.650	2.2	Sleeve Begin Repaired 10/18/05 w/8.0' full
Fixture	ES					31.967	16.933	6.717	6089.400	-25.250	6072.467	2.2	Sleeve End
Fixture	LEAD				12:00	3.400	25.775	27.050	6069.067	23.650	6043.292	2.2	Test Lead
Fixture	AT				07:20	23.992	5.183	47.642	6048.475	23.650	6043.292	2.2	Centralizers Begin
Fixture	AT				06:10	22 567	26.700	167.575	5928.542	145 008	5901.842	2.2	Centralizers End
Fixture	EC					47.517	1.750	192.525	5903.592	145.008	5901.842	2.2	Casing End
Fixture	AT				12:00	42.067	3.100	168.658	7410.750	126.592	7407.650	1.6	Protective Barrier Begin
Fixture	AT				12:00	4.958	41.333	176.717	7402.692	171.758	7361.358	1.6	Protective Barrier End
Fixture	BC					34.225	12.067	205.983	7373.425	171.758	7361.358	1.6	Casing Begin - CR 19
Fixture	EC					44.292	2.000	216.050	7363.358	171.758	7361.358	1.6	Casing End

EMPCO-ARKGOV007197

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BC	(b) (7)(F)				26 425	19.092	2.867	7410.867	-23.558	7391.775	1.6	Casing Begin - State Hwy 108
Fixture	LEAD				12:00	7 508	31.158	29.467	7384.267	21.958	7353.108	1.6	Test Lead
Fixture	AT				03:30	17.192	21 475	39.150	7374.583	21.958	7353.108	1.6	Centralizers Begin
Fixture	AT				04:00	23.158	25.350	83.783	7329.950	60.625	7304.600	1.6	Centralizers End
Fixture	EC					5.450	24.183	123.092	7290.642	117.642	7266.458	1.6	Casing End
Fixture	BC					0.508	47.775	3370.067	4043.667	3369.558	3995.892	1.6	Casing Begin - CR 153
Fixture	EC					8.992	39.292	3378.550	4035.183	3369.558	3995.892	1.6	Casing End
Fixture	BC					40.475	7.808	3410.033	4003.700	3369.558	3995.892	1.6	Casing Begin - CR 153
Fixture	EC					0.100	50 625	3417.942	3995.792	3417.842	3945.167	1.6	Casing End
Fixture	TAP				12.00	0.167	43.175	6232.542	56 250	6232.375	13.075	1.6	Tap
Fixture	BC					7 900	35.442	6240.275	48.517	6232 375	13.075	1.6	Casing Begin - CR 051
Fixture	EC					17.342	26.000	6249.717	39.075	6232.375	13.075	1.6	Casing End
Fixture	BC					43.267	0.075	6275.642	13.150	6232.375	13.075	1.6	Casing Begin - CR 051
Fixture	EC					10.058	31.317	6285.775	3.017	6275.717	-28.300	1.6	Casing End
Fixture	BC					8.400	35.817	5030.475	565.408	5022.075	529 592	1.6	Casing Begin - St. L. & S. F. RR
Fixture	AT				03:40	20.475	23.742	5042.550	553.333	5022 075	529 592	1.6	Centralizers Begin
Fixture	AT				08:20	22 142	20.783	5132.425	463.458	5110 283	442.675	1.6	Centralizers End
Fixture	EC					41.392	1.533	5151.675	444.208	5110.283	442.675	1.6	Casing End
Fixture	TAP				12:00	12.592	1.767	6930.967	4.175	6918.375	2.408	1.6	Tap
Fixture	TAP				12:00	1.458	2.417	3.825	779.100	2.367	776.683	1.6	Tap
Fixture	TAP				12:00	2.492	1.383	4.858	778.067	2.367	776.683	1.7	Tap
Fixture	AT				12:00	25.492	2.033	271.133	511.792	245.642	509.758	1.6	Pig Sig
Fixture	TEE				09:00	1 242	1.283	276.425	506.500	275 183	505.217	1.6	Tee
Fixture	TAP				12:00	1 683	1.292	279.392	503.533	277 708	502.242	1.6	Tap
Fixture	VLV					2.725	2.517	283.408	499 517	280.683	497.000	1.6	Valve Check 8798+24
Fixture	TEE				03:00	1.275	1.433	288.917	494.008	287.642	492.575	1.8	Tee
Fixture	AT				12:00	28.958	1.008	338.025	444.900	309.067	443.892	1.6	Pig Sig
Fixture	TEE				09:00	1.283	1.250	340.317	442.608	339.033	441.358	1.6	Tee
Fixture	VLV					2.700	2.500	356.258	426.667	353.558	424.167	1.6	Valve Check 8797+46
Fixture	TEE				03:00	0.992	1.183	363.917	419.008	362.925	417 825	1.2	Tee
Fixture	TAP				12:00	37.825	2.925	406.917	376.008	369.092	373.083	1.6	Tap
Fixture	TAP				12:00	39.733	1.017	408.825	374 100	369.092	373.083	1.7	Tap
Fixture	FLNG					0.633	0.617	410.475	372.450	409.842	371.833	1.6	Flange
Fixture	TAP				12:00	0.992	34.275	412.083	370.842	411.092	336.567	1.6	Tap

EMPCO-ARKGOV007198

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	1.983	33.283	413.075	369.850	411.092	336.567	1.6	Tap
Fixture	TAP				12:00	20.625	7.717	715.525	67.400	694.900	59.683	1.6	Tap
Fixture	TAP				12:00	1.500	3.242	777.217	5.708	775.717	2.467	1.6	Tap
Fixture	TAP				12:00	2.542	2.200	778.258	4 667	775.717	2.467	1.6	Tap
Fixture	TAP				12:00	28.233	22.817	52.850	5995.350	24.617	5972.533	1.6	Tap
Fixture	BC					32.600	18.450	57.217	5990.983	24.617	5972.533	1.6	Casing Begin - State Hwy. 41
Fixture	LEAD				12:00	5.250	45.408	80.917	5967.283	75.667	5921.875	1.6	Test Lead
Fixture	AT				04:05	19.650	31.008	95.317	5952.883	75.667	5921.875	1.6	Centralizers Begin
Fixture	AT				06:00	19.200	30.633	145.525	5902.675	126.325	5872.042	1.6	Centralizers End
Fixture	EC					6.942	34 725	183.100	5865.100	176 158	5830.375	1.6	Casing End
Fixture	BC					40.642	11.592	2296.683	4453.617	2256.042	4442.025	2.2	Casing Begin - Cement Plant Road
Fixture	EC					11.258	39.942	2370.200	4380.100	2358.942	4340.158	2.2	Casing End
Fixture	LEAD				12:00	12.367	38.833	2371.308	4378.992	2358.942	4340.158	2.2	Test Lead
Fixture	BC					3.075	47.100	0.383	7071.400	-2.692	7024.300	2.1	Casing Begin - CR 1
Fixture	AT				02:10	12.575	37.600	9 883	7061.900	-2.692	7024.300	2.1	Centralizers Begin
Fixture	AT				03:30	31 875	10.942	79.358	6992.425	47.483	6981.483	2.1	Centralizers End
Fixture	EC					40.192	2.625	87.675	6984.108	47.483	6981.483	2.1	Casing End
Fixture	LEAD				12.00	41.158	1.658	88.642	6983.142	47.483	6981 483	2.1	Test Lead
Fixture	BC					12.167	32.817	5316.758	1755.025	5304.592	1722.208	2.1	Casing Begin - Walnut Bayou
Fixture	AT				04:00	21.875	23.108	5326.467	1745.317	5304.592	1722.208	2.1	Centralizers Begin
Fixture	AT				10:30	21.667	26.558	5466.717	1605.067	5445.050	1578.508	2.1	Centralizers End
Fixture	EC					35.075	13 150	5480.125	1591.658	5445.050	1578.508	2.1	Casing End
Fixture	AT				12:00	25.583	26.450	68.900	7688.975	43.317	7662.525	2.1	Attachment
Fixture	LEAD				12:00	32.258	3.900	7692.333	65.542	7660 075	61.642	2.1	Test Lead
Fixture	TAP				12:00	1.158	3.208	7752.292	5.583	7751.133	2.375	2.1	Tap
Fixture	TAP				12:00	2.958	1.408	7754.092	3.783	7751.133	2.375	2.1	Tap
Fixture	TAP				12:00	1.367	2.492	3.742	7062.100	2.375	7059.608	2.1	Tap
Fixture	TAP				12:00	1.983	7.292	8.217	7057.625	6.233	7050.333	2.1	Tap
Fixture	BRS					4 333	4 942	10.567	7055.275	6.233	7050.333	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	5.850	3.425	12.083	7053.758	6.233	7050.333	2.1	Stopple
Fixture	ERS					7.442	1 833	13.675	7052.167	6.233	7050.333	2.1	Sleeve Reinforcement End
Fixture	BC					33.808	9 208	1036.058	6029.783	1002 250	6020.575	2.2	Casing Begin - Red River
Fixture	AT				11:25	3.992	37.692	1049.258	6016.583	1045.267	5978.892	2.2	Centralizers Begin
Fixture	AT				05:30	24.483	20.042	6876.075	189.767	6851.592	169.725	2.2	Centralizers End

EMPCO-ARKGOV007199

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				16 075	27.250	6912.192	153.650	6896.117	126.400	2.2	Casing End
Fixture	TAP				12:00	40.767	3.558	7059.808	6 033	7019 042	2.475	2.2	Tap
Fixture	TAP				12:00	42.542	1 783	7061.583	4.258	7019.042	2.475	2.2	Tap
Fixture	TAP				12.00	1 183	0.783	3.367	8277.008	2.183	8276.225	2.1	Tap
Fixture	TAP				12:00	1.450	1.108	5.600	8274.775	4.150	8273.667	2.2	Tap
Fixture	VLV					2.233	1.425	8.942	8271.433	6.708	8270.008	2.0	Valve Check
Fixture	TAP				12:00	1.108	1.467	11.475	8268.900	10.367	8267.433	2.1	Tap
Fixture	TAP				12:00	34.083	1.917	1205.458	7074.917	1171.375	7073.000	2.1	Tap
Fixture	TAP				12:00	31.358	18 142	1339.975	6940.400	1308 617	6922.258	2.1	Tap
Fixture	BRS					34 275	15.225	1342.892	6937.483	1308.617	6922.258	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	35.867	13.633	1344.483	6935.892	1308.617	6922.258	2.1	Stopple
Fixture	ERS					37.425	12.075	1346.042	6934.333	1308.617	6922.258	2.1	Sleeve Reinforcement End
Fixture	LEAD				12:00	19.417	26.925	8271.058	9.317	8251.642	-17.608	2.1	Test Lead
Fixture	LEAD				12:00	31.850	14.475	12.508	6663.467	-19.342	6648.992	2.1	Test Lead
Fixture	BS					15.717	29 967	4547.700	0.517	4531 983	-29.450	2.1	Sleeve Begin
Fixture	ES					17.775	27.908	1.542	5699.550	-16 233	5671.642	2.1	Sleeve End
Fixture	BS					11.267	37.458	40.717	5660.375	29.450	5622 917	2.1	Sleeve Begin Repaired 8/12/05 w/2.0' full s
Fixture	ES					13.333	35.392	42.783	5658.308	29.450	5622.917	2.1	Sleeve End
Fixture	LEAD				12:00	18.092	30.633	47.542	5653.550	29.450	5622.917	2.1	Test Lead
Fixture	LEAD				12:00	7.908	27.317	3.292	6143.758	-4.617	6116.442	2.1	Test Lead
Fixture	BC					10.692	24.533	6.075	6140.975	-4.617	6116.442	2.1	Casing Begin - FM 2735
Fixture	AT				06:40	20 717	14.508	16.100	6130.950	-4.617	6116.442	2.1	Centralizers Begin
Fixture	AT				09:35	41 758	4.958	117.142	6029.908	75.383	6024.950	2.1	Centralizers End
Fixture	EC					5.058	15.417	127.158	6019.892	122.100	6004.475	2.1	Casing End
Fixture	BC					44.275	7 317	1998.308	4148.742	1954.033	4141.425	2.1	Casing Begin - Ditch protector
Fixture	EC					2.842	47.533	2008.467	4138.583	2005.625	4091.050	2.1	Casing End
Fixture	BC					24.583	25.792	2030.208	4116.842	2005.625	4091.050	2.1	Casing Begin - Ditch protector
Fixture	EC					38.408	11.967	2044.033	4103.017	2005.625	4091.050	2.1	Casing End
Fixture	BS					19.908	28.658	5986.633	160.417	5966.725	131.758	2.1	Sleeve Begin Repaired 8/10/05 w/8.0' full s
Fixture	ES					27.983	20.583	5994.708	152.342	5966.725	131 758	2.1	Sleeve End
Fixture	BC					30.525	18 792	6140.417	6.633	6109.892	-12.158	2.1	Casing Begin - Ditch protector
Fixture	EC					40.667	8.650	3.508	5344.500	-37.158	5335.850	2.1	Casing End
Fixture	BC					12.758	35.475	24.917	5323.092	12.158	5287.617	2.1	Casing Begin - Ditch protector
Fixture	EC					22.883	25.350	35.042	5312.967	12.158	5287.617	2.1	Casing End

EMPCO-ARKGOV007200

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	23.692	24.542	35.850	5312.158	12.158	5287.617	2.1	Test Lead
Fixture	BC					0.567	49.992	1155.592	4192.417	1155.025	4142.425	2.1	Casing Begin - Hwy. 26 (U.S. 259)
Fixture	EC					30.308	5.033	1376.842	3971.167	1346.533	3966.133	2.1	Casing End
Fixture	BS					28.908	16.992	2609.150	2738.858	2580.242	2721.867	2.1	Sleeve Begin Repaired 8/10/05 w/2.0' full s
Fixture	ES					30.975	14.925	2611.217	2736.792	2580.242	2721.867	2.1	Sleeve End
Fixture	BS					14 267	30.100	2898.425	5078.967	2884.158	5048.867	2.1	Sleeve Begin Repaired 8/9/05 w/2.0' full so
Fixture	ES					16.333	28.033	2900.492	5076.900	2884.158	5048.867	2.1	Sleeve End
Fixture	LEAD				12.00	5.400	6 992	3528.200	4449.192	3522.800	4442.200	2.1	Test Lead
Fixture	BC					5.850	6 542	3528.650	4448.742	3522.800	4442.200	2.1	Casing Begin - TX & Pacific RR/U.S. 82
Fixture	AT				12:20	0.917	44.933	3536.108	4441.283	3535.192	4396.350	2.1	Centralizers Begin
Fixture	AT				02:15	29.550	12 250	3750.700	4226.692	3721.150	4214.442	2.1	Centralizers End
Fixture	EC					41.275	0.525	3762.425	4214.967	3721.150	4214.442	2.1	Casing End
Fixture	LEAD				12:00	15.875	34.400	17.625	6325.933	1.750	6291.533	2.1	Test Lead
Fixture	BC					17.583	32.692	19.333	6324.225	1.750	6291.533	2.1	Casing Begin - FM 1701
Fixture	LEAD				12:00	22.542	25 075	74.567	6268.992	52.025	6243.917	2.1	Test Lead
Fixture	EC					8.642	39.508	207.658	6135.900	199.017	6096.392	2.1	Casing End
Fixture	BC					25.292	20.692	4491.092	1.400	4465.800	-19 292	2.1	Casing Begin - Ditch protector
Fixture	EC					35.617	10.367	8 925	6794.708	-26 692	6784.342	2.1	Casing End
Fixture	BC					13.092	37.367	32.383	6771.250	19.292	6733.883	2.1	Casing Begin - Ditch protector
Fixture	EC					23.325	27.133	42.617	6761.017	19.292	6733.883	2.1	Casing End
Fixture	BC					7.242	42.167	2.100	5024.483	-5.142	4982.317	2.1	Casing Begin - Ditch protector
Fixture	EC					17.317	32.092	12.175	5014.408	-5.142	4982 317	2.1	Casing End
Fixture	BC					0.892	46.983	45.158	4981.425	44.267	4934 442	2.1	Casing Begin - Ditch protector
Fixture	EC					11.000	36.875	55.267	4971.317	44.267	4934.442	2.1	Casing End
Fixture	BC					25.567	25 883	1109.217	3917.367	1083.650	3891.483	2.1	Casing Begin - Ditch protector
Fixture	EC					37.683	13.767	1121.333	3905.250	1083.650	3891.483	2.1	Casing End
Fixture	BC					42.892	2.483	1177.992	3848.592	1135.100	3846.108	2.1	Casing Begin - Ditch protector
Fixture	EC					8.967	40.442	1189.442	3837.142	1180.475	3796.700	2.1	Casing End
Fixture	BC					3.417	43 775	2080.175	2946.408	2076.758	2902.633	2.1	Casing Begin - FM 3165
Fixture	LEAD				12:00	6.867	44.033	2130.817	2895.767	2123.950	2851.733	2.1	Test Lead
Fixture	EC					11 367	34.092	2232.283	2794.300	2220.917	2760.208	2.1	Casing End
Fixture	BC					47 542	1.433	4073.267	953.317	4025.725	951.883	2.1	Casing Begin - Ditch protector
Fixture	EC					8.667	38.042	4083.367	943.217	4074.700	905.175	2.1	Casing End
Fixture	BC					33.408	13.300	4108.108	918.475	4074.700	905.175	2.1	Casing Begin - Ditch protector

EMPCO-ARKGOV007201

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				43.525	3.183	4118.225	908.358	4074.700	905.175	2.1	Casing End
Fixture	TAP				12:00	25.083	22 875	4146.492	880 092	4121.408	857.217	2.1	Tap Patch
Fixture	BC					28.758	17 275	5025.350	1.233	4996.592	-16.042	2.1	Casing Begin - Ditch protector
Fixture	EC					38.833	7.200	8.842	5810.283	-29 992	5803.083	2.1	Casing End
Fixture	BC					20.708	26.400	36.750	5782.375	16.042	5755.975	2.1	Casing Begin - Ditch protector
Fixture	EC					30.825	16.283	46.867	5772.258	16.042	5755.975	2.1	Casing End
Fixture	LEAD				12:00	31.075	19.183	5799.625	19.500	5768.550	0.317	2.0	Test Lead
Fixture	BC					2 575	48.058	2.258	7025.417	-0.317	6977.358	2.0	Casing Begin - Ditch protector
Fixture	EC					14 858	35.775	14 542	7013.133	-0.317	6977.358	2.0	Casing End
Fixture	BC					50.517	0 117	50.200	6977.475	-0.317	6977.358	2.0	Casing Begin - Ditch protector
Fixture	EC					12.142	33.342	62.458	6965.217	50.317	6931.875	2.0	Casing End
Fixture	LEAD				12:00	45.517	0.325	6949.175	78.500	6903.658	78.175	1.8	Test Lead
Fixture	BC					1.208	42.517	6950.708	76.967	6949.500	34.450	1.8	Casing Begin - FM 911
Fixture	EC					14.900	32.817	7008.125	19.550	6993.225	-13.267	1.8	Casing End
Fixture	BC					8 517	3.683	0.808	6430.000	-7.708	6426.317	2.0	Casing Begin - FM 44
Fixture	EC					31.692	11.908	295.225	6135.583	263.533	6123.675	2.1	Casing End
Fixture	LEAD				12:00	34.308	11 417	6424.267	6.542	6389.958	-4.875	2.0	Test Lead
Fixture	TAP				12:00	5.150	2.033	6625.475	4.433	6620.325	2.400	2.1	Tap
Fixture	TAP				12:00	1.933	37.133	4.183	3526.408	2.250	3489.275	2.1	Tap
Fixture	AT				08:30	3.950	39.033	11575.158	4206.808	11571.208	4167.775	2.2	Centralizers Begin
Fixture	BC					4.900	38.083	11576.108	4205.858	11571.208	4167.775	2.2	Casing Begin - Sulphur River
Fixture	AT				02:20	40.625	2 067	11865.908	3916.058	11825.283	3913.992	2.2	Centralizers End
Fixture	EC					10.308	3.675	11878.283	3903.683	11867.975	3900 008	2.2	Casing End
Fixture	LEAD				12.00	2.242	42.208	722.458	5223.975	720.217	5181.767	2.2	Test Lead
Fixture	LEAD				12:00	43.317	7.042	37.792	4548.642	-5.525	4541.600	2.1	Test Lead
Fixture	BC					44.150	5.158	5701.083	291.108	5656.933	285.950	2.1	Casing Begin - Hwy. 71
Fixture	LEAD				12:00	15.050	35.292	5721.292	270.900	5706.242	235.608	2.1	Test Lead
Fixture	EC					8.883	41.692	5809.808	182.383	5800.925	140.692	2.1	Casing End
Fixture	LEAD				12:00	9 967	40.608	5810.892	181.300	5800 925	140.692	2.1	Test Lead
Fixture	TAP				12:00	3.767	1.192	5988.383	3.808	5984.617	2.617	2.2	Tap
Fixture	TAP				12.00	1.158	2.625	3.933	4398.442	2.775	4395 817	2.1	Tap
Fixture	TAP				12:00	0.633	1.083	7.192	4395.183	6 558	4394.100	2.2	Tap
Fixture	VLV					1.833	1.675	10.108	4392.267	8.275	4390.592	2.1	Valve Check
Fixture	TAP				12:00	1.008	0.650	12.792	4389.583	11.783	4388.933	2.1	Tap

EMPCO-ARKGOV007202

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	5.592	45.467	53.592	4348.783	48.000	4303.317	2.1	Tap
Fixture	BRS					9.667	41.392	57 667	4344.708	48.000	4303.317	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	11.267	39.792	59.267	4343.108	48.000	4303.317	2.1	Stopple
Fixture	ERS					12.750	38 308	60.750	4341.625	48.000	4303.317	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	16.050	35.008	64.050	4338.325	48.000	4303.317	2.1	Tap
Fixture	AT				10:40	4.725	39.367	2536.133	1866.242	2531.408	1826.875	2.1	Attachments Begin
Fixture	AT				02:20	31.975	12.117	2563.383	1838.992	2531.408	1826.875	2.1	Attachments End
Fixture	TAP				12:00	35.067	8.142	3145.133	7522.050	3110.067	7513.908	2.2	Tap Patch
Fixture	LEAD				12:00	34.242	8.383	9068.900	1598.283	9034 658	1589.900	2.2	Test Lead
Fixture	TAP				12 00	34.733	15.592	3059.558	3495.192	3024.825	3479.600	2.1	Tap Patch
Fixture	SUPP				06.00	17.142	29.525	3615.917	2938.833	3598.775	2909.308	2.1	Support
Fixture	SUPP				06·00	32.700	13.967	3631.475	2923.275	3598.775	2909.308	2.1	Support
Fixture	LEAD				12:00	26.158	19.575	6498.175	56.575	6472.017	37.000	2.1	Test Lead
Fixture	BC					35.975	9.758	6507.992	46.758	6472.017	37.000	2.1	Casing Begin - Ditch protector
Fixture	EC					45.317	0 417	6517.333	37.417	6472.017	37.000	2.1	Casing End
Fixture	BC					23.892	25 108	6541.642	13.108	6517.750	-12.000	2.1	Casing Begin - Ditch protector
Fixture	EC					33.175	15 825	6550.925	3.825	6517.750	-12.000	2.1	Casing End
Fixture	BC					40.258	10 342	4372.342	156.517	4332.083	146.175	2.1	Casing Begin - Hwy. 1402
Fixture	LEAD				12:00	35.483	4.158	4418.167	110.692	4382.683	106.533	2.1	Test Lead
Fixture	EC					2.067	44 258	4521.858	7.000	4519.792	-37.258	2.1	Casing End
Fixture	BC					29.892	16.533	3739.650	2244.550	3709.758	2228.017	2.1	Casing Begin - Ditch protector
Fixture	EC					38.058	8.367	3747.817	2236.383	3709.758	2228.017	2.1	Casing End
Fixture	BC					22 517	27.325	3778.700	2205.500	3756.183	2178.175	2.1	Casing Begin - Ditch protector
Fixture	EC					32 533	17.308	3788.717	2195.483	3756.183	2178 175	2.1	Casing End
Fixture	BC					20.025	29 600	5928.333	55.867	5908.308	26.267	2.1	Casing Begin - Ditch protector
Fixture	EC					28.100	21.525	5936.408	47.792	5908.308	26.267	2.1	Casing End
Fixture	BC					44.425	5.200	5952.733	31.467	5908.308	26.267	2.1	Casing Begin - Ditch protector
Fixture	EC					4.508	45.875	5962.442	21.758	5957.933	-24.117	2.1	Casing End
Fixture	BS					40.367	10 017	14.100	9635.925	-26.267	9625.908	2.1	Sleeve Begin
Fixture	ES					42.433	7.950	16.167	9633.858	-26.267	9625.908	2.1	Sleeve End
Fixture	TAP				12:00	37.708	1.833	7860.933	1789.092	7823.225	1787.258	2.1	Tap
Fixture	BS					42.292	3.508	8764.750	885.275	8722.458	881.767	2.1	Sleeve Begin Repaired 8/8/05 w/3.0' full so
Fixture	ES					45.333	0.467	8767.792	882.233	8722.458	881.767	2.1	Sleeve End
Fixture	BC					24.067	17.083	9531.075	118.950	9507.008	101.867	2.1	Casing Begin - FM 2152

EMPCO-ARKGOV007203

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	AT	(b) (7)(F)			05:40	19.642	30.842	9567.800	82.225	9548 158	51.383	2.1	Centralizers Begin
Fixture	AT				10:40	10 125	16.892	9608.767	41.258	9598.642	24.367	2.1	Centralizers End
Fixture	EC					23.092	3.925	9621.733	28 292	9598.642	24.367	2.1	Casing End
Fixture	LEAD				12:00	39 950	9.683	8734.350	774.442	8694.400	764.758	2.1	Test Lead
Fixture	LEAD				12:00	16.608	34.142	1658.283	6560.933	1641.675	6526.792	2.1	Test Lead
Fixture	LEAD				12:00	14.775	30.700	4274.583	3944.633	4259.808	3913.933	2.1	Test Lead
Fixture	BC					15.358	30.117	4275.167	3944.050	4259.808	3913.933	2.1	Casing Begin - Hwy. 271
Fixture	AT				03.05	27.017	18.458	4286.825	3932.392	4259.808	3913.933	2.1	Centralizers Begin
Fixture	AT				06:10	32.400	14 350	4387.000	3832.217	4354 600	3817.867	2.1	Centralizers End
Fixture	EC					41.042	5.708	4395.642	3823.575	4354.600	3817.867	2.1	Casing End
Fixture	LEAD				12:00	22.592	23 967	1295.967	4355.750	1273.375	4331.783	2.1	Test Lead
Fixture	LEAD				12:00	36.317	11.667	50.325	5873.258	14.008	5861.592	2.1	Test Lead
Fixture	TAP				12:00	18.833	28.225	75.725	5561.925	56.892	5533.700	2.1	Tap
Fixture	LEAD				12:00	45.375	4.692	5627.358	10.292	5581.983	5.600	2.1	Test Lead
Fixture	BS					47 433	4 417	3919.908	1476.833	3872 475	1472.417	2.1	Sleeve Begin Repaired 8/5/05 w/2 0' full so
Fixture	ES					49.525	2.325	3922.000	1474.742	3872.475	1472.417	2.1	Sleeve End
Fixture	TAP				12:00	50.258	1.592	3922.733	1474.008	3872.475	1472.417	2.1	Tap
Fixture	BS					36.850	12 908	2293.283	2839.450	2256 433	2826.542	2.1	Sleeve Begin Repaired 8/3/05 w/2 0' full so
Fixture	ES					38.925	10.833	2295.358	2837.375	2256.433	2826.542	2.1	Sleeve End
Fixture	BS					44.908	4.850	2301.342	2831.392	2256.433	2826.542	2.1	Sleeve Begin Repaired 8/3/05 w/2.0' full so
Fixture	ES					46.975	2.783	2303.408	2829.325	2256.433	2826.542	2.1	Sleeve End
Fixture	BC					10.183	38.883	5356.858	206.050	5346.675	167.167	2.1	Casing Begin - Hwy. 67
Fixture	AT				11.50	19.750	29.317	5366.425	196.483	5346.675	167.167	2.1	Centralizers Begin
Fixture	AT				02:40	9.300	18 125	5546.675	16.233	5537.375	-1.892	2.1	Centralizers End
Fixture	EC					20.117	7.308	5557.492	5.417	5537.375	-1.892	2.1	Casing End
Fixture	LEAD				12:00	20.708	6.717	5558.083	4.825	5537.375	-1.892	2.1	Test Lead
Fixture	BS					31.608	15.100	1171.792	5067.800	1140.183	5052.700	2.1	Sleeve Begin
Fixture	ES					34.717	11.992	1174.900	5064.692	1140.183	5052.700	2.1	Sleeve End
Fixture	BC					20.742	29.542	2823.475	3416.117	2802.733	3386.575	2.1	Casing Begin - St. Louis Southwestern RR
Fixture	AT				08:20	39.750	10.533	2842.483	3397.108	2802.733	3386 575	2.1	Centralizers Begin
Fixture	AT				10:05	20.758	28.733	2923.042	3316.550	2902.283	3287 817	2.1	Centralizers End
Fixture	EC					26.408	23.083	2928.692	3310.900	2902.283	3287.817	2.1	Casing End
Fixture	LEAD				12:00	35.858	13.908	4978.625	1260.967	4942.767	1247.058	2.1	Test Lead
Fixture	BRS					21.083	28.250	414.583	5245.242	393.500	5216.992	2.1	Sleeve Reinforcement Begin

EMPCO-ARKGOV007204

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	STPL	(b) (7)(F)			12:00	22.433	26.900	415.933	5243.892	393.500	5216.992	2.1	Stopple
Fixture	ERS					23.825	25 508	417.325	5242.500	393.500	5216.992	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	27.092	22.242	420.592	5239.233	393.500	5216.992	2.1	Tap
Fixture	BC					8.483	8.933	655.533	5004.292	647.050	4995.358	2.1	Casing Begin - Old Hwy. 67 (IH 30)
Fixture	AT				04:10	32.767	17.192	1113.975	4545.850	1081.208	4528.658	2.1	Centralizers Begin
Fixture	AT				08:25	38.917	11.792	1170.083	4489.742	1131.167	4477.950	2.1	Centralizers End
Fixture	EC					0.108	41.992	1181.983	4477.842	1181.875	4435.850	2.1	Casing End
Fixture	LEAD				12:00	9 067	33.033	1190.942	4468.883	1181.875	4435.850	2.1	Test Lead
Fixture	TAP				12.00	26 300	23.467	1403.242	4256.583	1376 942	4233.117	2.1	Tap
Fixture	BRS					28.900	20 867	1405.842	4253.983	1376.942	4233 117	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	30.258	19.508	1407.200	4252.625	1376.942	4233.117	2.1	Stopple
Fixture	ERS					31.633	18.133	1408.575	4251.250	1376.942	4233.117	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	22.908	28.458	5026.508	396.017	5003.600	367.558	2.1	Tap Patch
Fixture	BC					8.383	39.192	5332.267	90.258	5323.883	51.067	2.1	Casing Begin - Farm Rd. 21
Fixture	AT				11:10	17.567	30.008	5341.450	81.075	5323.883	51.067	2.1	Centralizers Begin
Fixture	AT				12:15	18.400	32.825	5389.858	32.667	5371.458	-0.158	2.1	Centralizers End
Fixture	EC					28.967	22.258	5400.425	22.100	5371.458	-0.158	2.1	Casing End
Fixture	LEAD				12:00	45.733	5.492	5417.192	5.333	5371.458	-0.158	2.1	Test Lead
Fixture	AT				10:00	30.700	14.033	3333.400	2146.875	3302.700	2132.842	2.1	Attachment Begin
Fixture	AT				10:00	31.975	12.758	3334.675	2145.600	3302.700	2132.842	2.1	Attachment End
Fixture	SUPP				06:00	14.525	33.233	4266.833	2709.592	4252.308	2676.358	2.1	Support
Fixture	BRS					40.700	3.592	5796.850	1179.575	5756.150	1175.983	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	42.283	2.008	5798.433	1177.992	5756.150	1175.983	2.1	Stopple
Fixture	ERS					43.833	0.458	5799.983	1176.442	5756.150	1175.983	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	2 242	41.292	5802.683	1173.742	5800 442	1132.450	2.1	Tap
Fixture	LEAD				12:00	42.842	5.208	5886.817	1089.608	5843.975	1084.400	2.1	Test Lead
Fixture	BC					19.233	30.175	5916.108	1060.317	5896.875	1030.142	2.1	Casing Begin - Farm Rd. 115
Fixture	EC					21.408	27.192	6017.267	959.158	5995.858	931.967	2.1	Casing End
Fixture	LEAD				12:00	22.350	26.250	6018.208	958.217	5995 858	931.967	2.1	Test Lead
Fixture	TAP				12:00	12.058	36.133	6145.283	831.142	6133 225	795.008	2.1	Tap
Fixture	BRS					16.175	32.017	6149.400	827.025	6133 225	795.008	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	17.725	30.467	6150.950	825.475	6133.225	795.008	2.1	Stopple
Fixture	ERS					19.283	28.908	6152.508	823.917	6133.225	795.008	2.1	Sleeve Reinforcement End
Fixture	BC					2.575	43.875	6909.167	67.258	6906.592	23.383	2.1	Casing Begin - Ditch protector

EMPCO-ARKGOV007205

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				14.883	31 567	6921.475	54 950	6906.592	23.383	2.1	Casing End
Fixture	BC					45.825	0 625	6952.417	24 008	6906.592	23.383	2.1	Casing Begin - Ditch protector
Fixture	EC					11.575	38.100	6964.617	11.808	6953 042	-26.292	2.1	Casing End
Fixture	BS					12.742	36.242	2892.492	4172.908	2879.750	4136.667	2.1	Sleeve Begin 2' of full sole installed 9/20/
Fixture	ES					15.292	33.692	2895.042	4170.358	2879.750	4136.667	2.1	Sleeve End
Fixture	TAP				12:00	25.358	24.842	4781.667	2283.733	4756.308	2258.892	2.1	Tap Patch
Fixture	BC					15.075	33.092	6908.892	156.508	6893.817	123.417	2.1	Casing Begin - Ditch protector
Fixture	EC					24.433	24.575	7062.150	3.250	7037.717	-21.325	2.1	Casing End
Fixture	TAP				12:00	33.375	13.592	100.275	6242.325	66.900	6228.733	2.1	Tap
Fixture	TAP				12:00	31 158	13.617	195.575	6147.025	164.417	6133 408	2.1	Tap Patch
Fixture	BS					43.333	6.892	252.525	6090.075	209.192	6083.183	2.1	Sleeve Begin Repaired 9/1/00 found mill g
Fixture	ES					47.383	2.842	256.575	6086.025	209.192	6083.183	2.1	Sleeve End
Fixture	TAP				12:00	39.983	5.092	342.142	6000.458	302.158	5995.367	2.1	Tap Patch
Fixture	TAP				12:00	21.225	24.075	416.692	5925.908	395.467	5901.833	2.1	Tap Patch
Fixture	TAP				12:00	16.558	1.750	547.417	5795.183	530.858	5793.433	2.1	Tap Patch
Fixture	TAP				12.00	39.800	5.925	588 967	5753.633	549 167	5747.708	2.1	Tap Patch
Fixture	TAP				12:00	20.500	22.108	857.175	5485.425	836.675	5463.317	2.1	Tap Patch
Fixture	TAP				12:00	27 575	17.400	999.883	5342.717	972.308	5325.317	2.1	Tap Patch
Fixture	BS					21.042	24.150	1263.500	5079.100	1242.458	5054.950	2.1	Sleeve Begin
Fixture	ES					32.117	13.075	1274.575	5068.025	1242.458	5054.950	2.1	Sleeve End
Fixture	TAP				12:00	14.100	33.208	1431.367	4911.233	1417.267	4878.025	2.1	Tap Patch
Fixture	TAP				12:00	19.733	25.283	2109.133	4233.467	2089.400	4208.183	1.1	Tap
Fixture	BS					23.175	19.975	4998.167	1344.433	4974.992	1324.458	1.6	Sleeve Begin 4' of full sole installed 8/25/
Fixture	ES					27.250	15.900	5002.242	1340.358	4974 992	1324.458	1.5	Sleeve End
Fixture	BRS					39.450	5.342	5541.358	801 242	5501.908	795.900	1.6	Sleeve Reinforcement Begin
Fixture	STPL				12:00	41.017	3.775	5542.925	799.675	5501.908	795.900	1.5	Stopple
Fixture	ERS					42.592	2.200	5544.500	798.100	5501.908	795.900	1.5	Sleeve Reinforcement End
Fixture	TAP				12:00	2.225	46.817	5548.925	793.675	5546.700	746.858	1.6	Tap
Fixture	TAP				12:00	13.025	36 267	5803.075	539.525	5790.050	503.258	1.6	Tap
Fixture	BRS					17.508	31 783	5807.558	535.042	5790.050	503.258	1.6	Sleeve Reinforcement Begin
Fixture	STPL				12:00	19.058	30.233	5809.108	533.492	5790.050	503.258	1.5	Stopple
Fixture	ERS					20.642	28.650	5810.692	531.908	5790.050	503.258	1 5	Sleeve Reinforcement End
Fixture	BS					11.158	39.433	5850.500	492.100	5839.342	452.667	1.6	Sleeve Begin
Fixture	ES					15.233	35.358	5854.575	488.025	5839.342	452.667	1.6	Sleeve End

EMPCO-ARKGOV007206

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	6.533	42.750	2441.400	1976.325	2434.867	1933.575	1.7	Tap Patch
Fixture	BC					8 883	41.375	3633.625	784.100	3624.742	742 725	1.7	Casing Begin - Hwy. 37
Fixture	AT				04:05	17.983	32.275	3642.725	775 000	3624.742	742.725	1.7	Centralizers Begin
Fixture	AT				10:35	48.525	1.425	3723.525	694.200	3675.000	692.775	1.7	Centralizers End
Fixture	EC					8.725	22.592	3733.675	684.050	3724.950	661.458	1.7	Casing End
Fixture	LEAD				12:00	19.583	11.733	3744.533	673.192	3724.950	661.458	1.7	Test Lead
Fixture	BRS					39 667	7.458	4073.467	344.258	4033.800	336.800	1.3	Sleeve Reinforcement Begin
Fixture	STPL				12:00	41.258	5 867	4075.058	342.667	4033.800	336 800	1.3	Stopple
Fixture	ERS					42.817	4 308	4076.617	341.108	4033.800	336.800	1.3	Sleeve Reinforcement End
Fixture	TAP				12:00	0.450	47.142	4081.375	336.350	4080.925	289.208	1.3	Tap
Fixture	TAP				12:00	18 433	25.908	4380.558	37.167	4362.125	11.258	1.4	Tap
Fixture	TAP				12:00	6.467	2.425	4412.933	4.792	4406 467	2.367	1.4	Tap
Fixture	TAP				12:00	8.433	0.458	4414.900	2.825	4406.467	2.367	1.4	Tap
Fixture	AT				12:00	0.900	40.942	14.775	409.908	13.875	368.967	1.4	Pig Sig
Fixture	TAP				03:00	6.592	35.250	20 467	404.217	13.875	368 967	1.4	Tap
Fixture	TAP				12.00	4 150	9.525	159 525	265 158	155.375	255.633	1.4	Tap
Fixture	TAP				12:00	0 958	2.400	201 258	223 425	200.300	221.025	1.5	Tap
Fixture	TEE				09:00	1 267	1.300	204 925	219 758	203.658	218.458	1.5	Tee
Fixture	VLV					3.042	2.108	213.650	211.033	210.608	208.925	1.4	Valve Check
Fixture	TEE				10:30	1.550	1.192	221.467	203.217	219.917	202.025	1.4	Tee
Fixture	AT				12:00	2.950	6.767	225.608	199.075	222.658	192.308	1.5	Pig Sig
Fixture	TEE				09:00	1.308	1 225	233.683	191.000	232.375	189.775	1.3	Tee
Fixture	VLV					2.625	2 050	247.408	177.275	244.783	175.225	1.1	Valve Check
Fixture	TEE				09:00	1.242	1 267	260.075	164.608	258.833	163.342	1.4	Tee
Fixture	TAP				12:00	0.733	4.600	262.075	162.608	261.342	158.008	1.4	Tap
Fixture	AT				12:00	1.500	3.833	262.842	161.842	261.342	158.008	1.4	Attachment Poss. Full Encirclement
Fixture	TAP				12:00	3.400	1.933	264.742	159.942	261.342	158.008	1.5	Tap
Fixture	TAP				12:00	0.667	18.717	267.342	157.342	266.675	138.625	1.8	Tap
Fixture	TAP				12:00	38.108	2.217	420.008	4.675	381.900	2.458	1.5	Tap
Fixture	TAP				12:00	39 325	1.000	421.225	3.458	381.900	2.458	1.5	Tap
Fixture	TAP				12:00	2.433	2.542	4 758	6027.858	2.325	6025.317	1.5	Tap
Fixture	TAP				12:00	3.933	1.042	6 258	6026.358	2.325	6025.317	1.5	Tap (Reinforced)
Fixture	AT				12:00	2.142	5.133	9.442	6023.175	7.300	6018.042	1.5	Attachment
Fixture	TAP				12:00	17.550	23.908	51.075	5981.542	33.525	5957.633	1.5	Tap

EMPCO-ARKGOV007207

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP	(b) (7)(F)			12:00	25.208	23.717	314.392	5718.225	289 183	5694.508	2.9	Tap
Fixture	BRS					29 508	19.417	318.692	5713.925	289.183	5694.508	2.9	Sleeve Reinforcement Begin
Fixture	STPL				12:00	31.125	17 800	320.308	5712.308	289.183	5694.508	2.9	Stopple
Fixture	ERS					32.650	16.275	321.833	5710.783	289.183	5694.508	2.9	Sleeve Reinforcement End
Fixture	LEAD				12:00	20.467	25.367	535.833	5496.783	515.367	5471.417	2.6	Test Lead
Fixture	LEAD				12:00	27.958	17.875	543.325	5489.292	515.367	5471.417	2.6	Test Lead
Fixture	LEAD				12:00	35.167	10.667	550.533	5482.083	515.367	5471.417	2.5	Test Lead
Fixture	TAP				01:30	49.158	0.458	3791.425	2241.192	3742.267	2240.733	1.7	Tap
Fixture	TAP				03.00	4.592	38.942	3796.475	2236.142	3791.883	2197.200	1.7	Tap
Fixture	LEAD				12:00	4 392	43 658	2 842	5100.042	-1.550	5056.383	1.8	Test Lead
Fixture	TAP				12 00	23 000	21.842	203.175	4899.708	180.175	4877.867	1.8	Tap Patch
Fixture	TAP				12:00	24.808	12.783	70.158	7144.308	45.350	7131.525	2.2	Tap
Fixture	AT				10:30	0.550	42.225	3120.967	4093.500	3120.417	4051.275	2.2	Attachment
Fixture	LEAD				12:00	3.050	46.692	76.308	3811.083	73.258	3764.392	2.1	Test Lead
Fixture	BC					42.450	1.750	3853.250	34.142	3810 800	32.392	2.1	Casing Begin - Ditch protector
Fixture	EC					6.367	44.867	3861.367	26 025	3855.000	-18.842	2.1	Casing End
Fixture	BC					20.392	30.842	3875.392	12.000	3855.000	-18.842	2.1	Casing Begin - Ditch protector
Fixture	EC					28 492	22.742	3883.492	3.900	3855.000	-18.842	2.1	Casing End
Fixture	BC					36.525	14.608	39.850	5626.758	3.325	5612.150	2.1	Casing Begin - Ditch protector
Fixture	EC					44.592	6.542	47.917	5618.692	3.325	5612.150	2.1	Casing End
Fixture	LEAD				12:00	50.433	0.700	53.758	5612.850	3.325	5612.150	2.1	Test Lead
Fixture	BC					13.758	2.442	1592.133	4074.475	1578 375	4072.033	2.1	Casing Begin - Ditch protector
Fixture	EC					7 683	39 525	1602.258	4064.350	1594.575	4024.825	2.1	Casing End
Fixture	BC					34.358	12.850	1628.933	4037.675	1594.575	4024.825	2.1	Casing Begin - Ditch protector
Fixture	EC					44 458	2.750	1639.033	4027.575	1594 575	4024 825	2.1	Casing End
Fixture	BC					22.658	26.950	2033.825	3632.783	2011.167	3605.833	2.1	Casing Begin - L.A. & T. RR
Fixture	AT				10:10	32.250	17.358	2043.417	3623.192	2011.167	3605.833	2.1	Centralizers Begin
Fixture	AT				01:15	18.900	29.033	2124.000	3542.608	2105.100	3513.575	2.1	Centralizers End
Fixture	EC					29.533	18 400	2134.633	3531.975	2105.100	3513.575	2.1	Casing End
Fixture	TAP				12.00	49.350	0 500	2336.892	3329.717	2287.542	3329.217	2.1	Tap
Fixture	TAP				12:00	0.275	47.042	5647.625	18.983	5647 350	-28.058	2.1	Tap
Fixture	BC					21 200	26.117	1.942	5902.908	-19.258	5876.792	2.1	Casing Begin - State Hwy 11
Fixture	AT				04:50	27.167	20.150	7.908	5896.942	-19.258	5876.792	2.1	Centralizers Begin
Fixture	AT				09:00	14.458	32.358	87.908	5816.942	73.450	5784.583	2.1	Centralizers End

EMPCO-ARKGOV007208

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				16 550	30.267	90 000	5814.850	73.450	5784.583	2.1	Casing End
Fixture	LEAD				12:00	25 375	21.442	98.825	5806.025	73.450	5784.583	2.1	Test Lead
Fixture	TAP				12:00	19 717	25.875	1885.983	4018.867	1866.267	3992.992	2.1	Tap Patch
Fixture	LEAD				12:00	3.542	4.925	4436.758	1468.092	4433.217	1463.167	2.1	Test Lead
Fixture	TAP				12:00	26.317	20.300	1750.175	4964.400	1723.858	4944.100	2.1	Tap Patch
Fixture	BS					21.300	28.125	5367.375	1347.200	5346.075	1319.075	2.1	Sleeve Begin
Fixture	ES					24.867	24.558	5370.942	1343.633	5346.075	1319.075	2.1	Sleeve End
Fixture	BC					27.817	15 883	5813.092	901.483	5785.275	885 600	2.1	Casing Begin - Ditch protector
Fixture	EC					35 958	7.742	5821.233	893.342	5785.275	885.600	2.1	Casing End
Fixture	BC					20.867	25.183	5849.842	864 733	5828.975	839.550	2.1	Casing Begin - Ditch protector
Fixture	EC					29.383	16.667	5858.358	856 217	5828 975	839.550	2.1	Casing End
Fixture	LEAD				12:00	32.117	13.933	5861.092	853.483	5828.975	839.550	2.1	Test Lead
Fixture	BC					16.033	29.933	6667.900	46.675	6651.867	16.742	2.1	Casing Begin - Ditch protector
Fixture	EC					26.142	19.825	6678.008	36.567	6651.867	16.742	2.1	Casing End
Fixture	BC					0.658	43.658	6698.492	16 083	6697.833	-27 575	2.1	Casing Begin - Ditch protector
Fixture	EC					10.767	33.550	6708.600	5.975	6697.833	-27.575	2.1	Casing End
Fixture	BC					25 367	21.083	5201.317	2393.667	5175.950	2372.583	2.1	Casing Begin - FM 852
Fixture	EC					29.433	16.842	5351.808	2243.175	5322.375	2226.333	2.1	Casing End
Fixture	SUPP				06:00	15.033	33.967	5478.392	2116.592	5463.358	2082.625	2.1	Support
Fixture	BC					9.017	40.992	2837.217	3113.892	2828.200	3072.900	2.1	Casing Begin - Ditch protector
Fixture	EC					17.167	32.842	2845.367	3105.742	2828.200	3072.900	2.1	Casing End
Fixture	BC					4.275	40.808	2882.483	3068.625	2878.208	3027.817	2.1	Casing Begin - Ditch protector
Fixture	EC					12.342	32.742	2890.550	3060.558	2878.208	3027 817	2.1	Casing End
Fixture	LEAD				12:00	15.117	31 858	5614.458	336.650	5599.342	304.792	2.1	Test Lead
Fixture	LEAD				12:00	39.758	7.042	548 825	5333.133	509 067	5326.092	2.1	Test Lead
Fixture	LEAD				12:00	24.033	21.508	2150.558	3731.400	2126.525	3709.892	2.1	Test Lead
Fixture	LEAD				12:00	18.133	20.067	2190.200	3691.758	2172.067	3671.692	2.1	Test Lead
Fixture	BS					15.308	30.808	2319.250	3562.708	2303.942	3531.900	2.1	Sleeve Begin Repaired 8/15/00
Fixture	ES					23.350	22.767	2327.292	3554.667	2303.942	3531.900	2.1	Sleeve End
Fixture	LEAD				12 00	3.867	46.358	2448.842	3433.117	2444 975	3386.758	2.1	Test Lead
Fixture	BS					45.133	4.975	4034.083	1847.875	3988.950	1842.900	2 1	Sleeve Begin Repaired 8/16/00
Fixture	ES					0.642	43.775	4039.700	1842.258	4039.058	1798 483	2.1	Sleeve End
Fixture	LEAD				12:00	13.125	31.975	5727.383	154.575	5714.258	122.600	2.1	Test Lead
Fixture	BC					13.708	31.392	5727.967	153.992	5714.258	122.600	2.1	Casing Begin - FM Rd. 69

EMPCO-ARKGOV007209

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				25.825	23.892	5876.008	5.950	5850.183	-17.942	2.1	Casing End
Fixture	BS					46 975	0.467	1394.117	5266.892	1347.142	5266.425	2.1	Sleeve Begin Repaired 8/11/00
Fixture	ES					16.708	34.133	1411.292	5249.717	1394 583	5215.583	2.1	Sleeve End
Fixture	LEAD				12:00	29.400	16.975	1521.442	5139.567	1492.042	5122.592	2.1	Test Lead
Fixture	BC					30.225	16.150	1522.267	5138.742	1492.042	5122.592	2.1	Casing Begin - FM 515
Fixture	LEAD				12:00	5.733	45.025	1544.150	5116.858	1538.417	5071.833	2.1	Test Lead
Fixture	AT				12:55	19.425	31.333	1557.842	5103.167	1538.417	5071.833	2.1	Centralizers Begin
Fixture	AT				05 20	19 325	25.167	1608.500	5052.508	1589.175	5027.342	2.1	Centralizers End
Fixture	EC					31.417	13.225	1665.083	4995.925	1633.667	4982.700	2.1	Casing End
Fixture	BS					13.900	30.892	4718.367	1747.800	4704.467	1716.908	2.1	Sleeve Begin Repaired 8/1/05 w/2.0' full so
Fixture	ES					15.975	28.817	4720.442	1745.725	4704 467	1716.908	2.1	Sleeve End
Fixture	TAP				12:00	15.025	9.833	6424.292	41.875	6409.267	32.042	2.1	Tap
Fixture	BRS					20.283	7.208	6454.408	11.758	6434.125	4.550	2.1	Sleeve Reinforcement Begin
Fixture	TAP				03:00	21.367	6.125	6455.492	10.675	6434.125	4.550	2.1	Tap
Fixture	ERS					22.425	5 067	6456.550	9.617	6434.125	4.550	2.1	Sleeve Reinforcement End
Fixture	TAP				12.00	26.908	0 583	6461.033	5.133	6434.125	4.550	2.2	Tap
Fixture	SUPP				06.00	27 000	0.492	6461.125	5.042	6434.125	4.550	2.2	Support
Fixture	AT				12:00	0.317	1.858	6461.933	4.233	6461.617	2.375	2.2	Attachment
Fixture	SUPP				06:00	2.125	6.700	4.358	9.208	2.233	2.508	2.1	Support
Fixture	AT				12:00	6.092	2.733	8.325	5.242	2.233	2.508	2.2	Pig Sig
Fixture	TAP				12:00	1 442	0.500	3.692	7380.400	2.250	7379.900	2.1	Tap
Fixture	BRS					1.858	26.783	6.050	7378.042	4.192	7351.258	2.2	Sleeve Reinforcement Begin
Fixture	TAP				03:00	2 983	25.658	7.175	7376.917	4.192	7351.258	2.5	Tap
Fixture	ERS					4 125	24.517	8.317	7375.775	4.192	7351.258	2.1	Sleeve Reinforcement End
Fixture	TAP				03:00	23.575	8.483	479.542	6904.550	455.967	6896.067	2.2	Tap
Fixture	TAP				12:00	23.658	8.400	479.625	6904.467	455.967	6896.067	2.2	Tap
Fixture	TAP				12:00	36.558	8.258	576.717	6807.375	540.158	6799.117	2.1	Tap
Fixture	TAP				12:00	12.100	34.350	597.075	6787.017	584.975	6752.667	2.1	Tap Patch
Fixture	BC					23.700	1.308	1377.583	6006.508	1353.883	6005.200	2.1	Casing Begin - FM 2966
Fixture	AT				12:05	10.717	37.100	1389.608	5994.483	1378.892	5957.383	2.1	Centralizers Begin
Fixture	AT				04:20	14.958	33.292	1441.667	5942.425	1426.708	5909.133	2.1	Centralizers End
Fixture	EC					24.958	23.292	1451.667	5932.425	1426.708	5909.133	2.1	Casing End
Fixture	LEAD				12:00	27.100	21.150	1453.808	5930.283	1426.708	5909.133	2.1	Test Lead
Fixture	BC					9.392	34.867	1519.067	5865.025	1509.675	5830.158	2.1	Casing Begin - Ditch protector

EMPCO-ARKGOV007210

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				29.542	14.717	1539.217	5844.875	1509 675	5830.158	2.1	Casing End
Fixture	TAP				12:00	7.367	42.733	2752.300	2815.717	2744 933	2772.983	2.1	Tap
Fixture	BRS					11.617	38.483	2756.550	2811.467	2744.933	2772.983	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	13.158	36.942	2758.092	2809.925	2744.933	2772.983	2.1	Stopple
Fixture	ERS					14.708	35.392	2759.642	2808.375	2744.933	2772.983	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	19.200	30.900	2764.133	2803.883	2744.933	2772.983	2.1	Tap
Fixture	BC					49.992	0.433	3750.783	1817.233	3700.792	1816.800	2.1	Casing Begin - FM 2225
Fixture	EC					25.600	24.483	3872.142	1695.875	3846.542	1671.392	2.1	Casing End
Fixture	BRS					11.358	17.508	7672.808	758.833	7661.450	741.325	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	12.908	15 958	7674.358	757.283	7661.450	741.325	2.1	Stopple
Fixture	ERS					14.467	14 400	7675.917	755 725	7661.450	741.325	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	18.400	10.467	7679.850	751.792	7661.450	741.325	2.1	Tap
Fixture	TAP				12:00	38.858	0.925	8426.933	4.708	8388.075	3.783	2.1	Tap
Fixture	TAP				12:00	1.067	0.992	8428.925	2.717	8427.858	1.725	2.1	Tap
Fixture	TAP				12:00	1.533	0.517	3.325	11447.942	1 792	11447.425	2.3	Tap
Fixture	TEE				12:00	1 092	1.342	4.933	11446.333	3.842	11444.992	2.1	Tee
Fixture	TAP				12:00	1 017	1.025	7.292	11443.975	6 275	11442.950	2.0	Tap
Fixture	TAP				12:00	25.233	13 350	2497.758	77.675	2472.525	64.325	2.1	Tap
Fixture	TAP				12:00	1.025	1.017	2572.633	2.800	2571.608	1.783	2.1	Tap
Fixture	TAP				12:00	1.017	0.850	2.742	3288.350	1.725	3287.500	2.1	Tap
Fixture	TAP				12.00	1.533	1.333	5.125	3285.967	3.592	3284.633	2.2	Tap
Fixture	VLV					2.800	1.867	9.258	3281.833	6.458	3279.967	2.1	Valve Check
Fixture	TAP				12:00	1 217	4.642	12 342	3278.750	11.125	3274.108	2.1	Tap
Fixture	TAP				12:00	3.550	2.308	14.675	3276.417	11.125	3274 108	2.2	Tap
Fixture	TAP				12:00	38.200	8.250	76.842	3214.250	38.642	3206.000	2.1	Tap
Fixture	TAP				12:00	16.775	31.350	198.433	3092.658	181.658	3061.308	2.1	Tap
Fixture	BRS					20.708	27.417	202.367	3088.725	181.658	3061.308	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	22.292	25.833	203.950	3087.142	181.658	3061.308	2.1	Stopple
Fixture	ERS					23.825	24.300	205.483	3085.608	181 658	3061.308	2.1	Sleeve Reinforcement End
Fixture	AT				06:00	0 042	2.525	21.117	4733.675	21.075	4731.150	2.1	Attachment
Fixture	BC					3.842	9.775	27.483	4727.308	23.642	4717.533	2.1	Casing Begin - St. FM 17
Fixture	AT				05:35	12.392	1.225	36.033	4718.758	23.642	4717.533	2.1	Centralizers Begin
Fixture	AT				08:50	17.708	33.217	54.967	4699.825	37.258	4666.608	2.1	Centralizers End
Fixture	EC					25.417	25.508	62.675	4692.117	37.258	4666.608	2.1	Casing End

EMPCO-ARKGOV007211

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	37.892	13.033	75.150	4679.642	37.258	4666.608	2.1	Test Lead
Fixture	TAP				12:00	1.417	44.242	3045.208	1709.583	3043.792	1665.342	2.1	Tap Patch
Fixture	BC					34.183	14 283	4715.942	38.850	4681.758	24.567	2.1	Casing Begin - U.S. Hwy. 69
Fixture	AT				02:30	6.842	44.225	4737.067	17.725	4730.225	-26.500	2.1	Centralizers Begin
Fixture	AT				01:35	15.983	34.783	131.983	5100.192	116.000	5065.408	2.1	Centralizers End
Fixture	EC					26.192	24.575	142.192	5089.983	116.000	5065.408	2.1	Casing End
Fixture	LEAD				12:00	26.258	24.508	142.258	5089.917	116.000	5065.408	2.1	Test Lead
Fixture	BC					33.050	15.467	0.042	7802.108	-33.008	7786.642	2.1	Casing Begin - Ditch protector
Fixture	EC					43.167	5 350	10.158	7791.992	-33.008	7786.642	2.1	Casing End
Fixture	BC					33.392	13.025	48 900	7753.250	15.508	7740.225	2.1	Casing Begin - Ditch protector
Fixture	EC					43.517	2.900	59.025	7743.125	15.508	7740.225	2.1	Casing End
Fixture	SUPP				06:00	32.058	14.117	6336.475	1465.675	6304.417	1451.558	2.1	Support
Fixture	SUPP				06:00	16.008	34.108	6589.392	1212.758	6573.383	1178.650	2.1	Support
Fixture	BC					3.542	46.167	7525.275	276.875	7521.733	230.708	2.1	Casing Begin - FM 779
Fixture	EC					32.117	16 858	7652.250	149.900	7620.133	133.042	2.1	Casing End
Fixture	TAP				12:00	0.742	1.217	7798.717	3.433	7797.975	2.217	2.2	Tap
Fixture	TAP				12:00	3 200	12.592	5.733	5339.608	2.533	5327.017	2.2	Tap
Fixture	BRS					10.675	5.117	13.208	5332.133	2.533	5327.017	2.2	Sleeve Reinforcement Begin
Fixture	STPL				12:00	12.217	3.575	14.750	5330.592	2.533	5327.017	2.2	Stopple
Fixture	ERS					13.792	2.000	16.325	5329.017	2.533	5327.017	2.2	Sleeve Reinforcement End
Fixture	LEAD				12:00	48.717	1.408	100.400	5244.942	51.683	5243.533	2.1	Test Lead
Fixture	BC					38.758	3 050	3952.992	12604.658	3914.233	12601.608	2.2	Casing Begin - Sabine River
Fixture	AT				09:50	3.258	40.000	3959.300	12598.350	3956.042	12558.350	2.2	Centralizers Begin
Fixture	AT				06:45	26 508	17.617	4198.158	12359.492	4171.650	12341.875	2.2	Centralizers End
Fixture	EC					35.558	8.567	4207.208	12350.442	4171.650	12341.875	2.2	Casing End
Fixture	TAP				12:00	39.808	2.783	4382.942	12174.708	4343.133	12171.925	2.2	Tap Patch
Fixture	SUPP				06:00	10.958	1.758	10800.667	5756.983	10789.708	5755.225	2.0	Support
Fixture	TAP				12:00	11.733	0.983	10801.442	5756.208	10789.708	5755.225	2.1	Tap
Fixture	VLV					2 558	2.442	10804.983	5752.667	10802.425	5750 225	2.0	Valve Check CO8 3358+08 B.M. V063.60
Fixture	TAP				12:00	0 908	11.742	10808.333	5749.317	10807.425	5737 575	2.1	Tap
Fixture	SUPP				06:00	1 892	10.758	10809.317	5748.333	10807.425	5737.575	2.1	Support
Fixture	LEAD				12.00	20.392	24.550	14054.725	2502.925	14034 333	2478.375	2.1	Test Lead
Fixture	BC					12.758	34.008	5511.675	5875.775	5498.917	5841.767	2.1	Casing Begin - CR 1810
Fixture	EC					18.592	28.292	5608.975	5778.475	5590.383	5750.183	2.1	Casing End

EMPCO-ARKGOV007212

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	40.342	7 617	3415.358	5162.725	3375 017	5155.108	2.1	Test Lead
Fixture	BC					18.717	30 017	1.117	3613.758	-17.600	3583.742	2.1	Casing Begin - T. & P RR / Hwy. 80
Fixture	AT				03:30	40.083	8.650	22 483	3592.392	-17.600	3583.742	2.1	Centralizers Begin
Fixture	AT				01:25	2.142	35.117	232.275	3382.600	230 133	3347.483	2.1	Centralizers End
Fixture	EC					8.050	29.208	238.183	3376.692	230.133	3347.483	2.1	Casing End
Fixture	BC					23.842	20.450	1902.475	1712.400	1878.633	1691.950	2.1	Casing Begin - Ditch protector
Fixture	EC					31.842	12.450	1910.475	1704.400	1878.633	1691.950	2.1	Casing End
Fixture	AT				05:35	36.892	12 467	2807.742	807.133	2770.850	794 667	2.1	Attachment
Fixture	BC					27.283	19.475	2985.508	629.367	2958.225	609 892	2.1	Casing Begin - Ditch protector
Fixture	EC					35.208	11.550	2993.433	621.442	2958.225	609.892	2.1	Casing End
Fixture	BC					7.475	31.642	3189.508	2791.483	3182.033	2759.842	2.1	Casing Begin - 1110
Fixture	EC					26.325	23.625	3247.475	2733.517	3221.150	2709.892	2.1	Casing End
Fixture	BC					35.717	15.067	5885.750	95.242	5850.033	80.175	2.1	Casing Begin - Ditch protector
Fixture	EC					45.792	4.992	5895.825	85.167	5850.033	80.175	2.1	Casing End
Fixture	LEAD				12:00	5 233	41.017	5906.050	74.942	5900.817	33.925	2.1	Test Lead
Fixture	BRS					19.892	26.358	5920.708	60.283	5900 817	33.925	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	21.475	24 775	5922.292	58.700	5900.817	33.925	2.1	Stopple
Fixture	ERS					23.117	23 133	5923.933	57.058	5900 817	33.925	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	27.958	18.292	5928.775	52.217	5900.817	33.925	2.1	Tap
Fixture	SUPP				06:00	13.825	2.158	5976.475	4.517	5962.650	2.358	2.2	Support
Fixture	TAP				12:00	13.875	2.108	5976.525	4.467	5962.650	2.358	2.2	Tap
Fixture	SUPP				06:00	1.992	14.017	4.308	8369.633	2.317	8355.617	2.2	Support
Fixture	TAP				12.00	2.008	14.000	4.325	8369.617	2.317	8355.617	2.2	Tap
Fixture	TAP				12.00	28.825	15.550	137.233	8236.708	108.408	8221.158	2.1	Tap
Fixture	BRS					33.750	10.625	142.158	8231.783	108 408	8221.158	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	35.317	9.058	143.725	8230.217	108.408	8221.158	2.1	Stopple
Fixture	ERS					36.942	7.433	145.350	8228.592	108.408	8221.158	2.1	Sleeve Reinforcement End
Fixture	BS					20.242	28.367	3541.942	4832.000	3521.700	4803.633	2.1	Sleeve Begin
Fixture	ES					28 392	20.217	3550.092	4823.850	3521.700	4803.633	2.1	Sleeve End
Fixture	BC					36 575	4.533	1539.625	4374.175	1503.050	4369.642	2.1	Casing Begin - State Hwy. 19
Fixture	AT				12.55	40 683	0.425	1543.733	4370.067	1503 050	4369.642	2.1	Centralizers Begin
Fixture	AT				12:50	20 433	22.942	1705.342	4208.458	1684 908	4185.517	2.1	Centralizers End
Fixture	EC					36.425	6.950	1721.333	4192.467	1684.908	4185.517	2.1	Casing End
Fixture	LEAD				12:00	36.808	6.567	1721.717	4192.083	1684.908	4185.517	2.1	Test Lead

EMPCO-ARKGOV007213

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BC	1468805.225				37.117	11.475	5839.167	74.633	5802 050	63.158	2.1	Casing Begin - County Rd. 3103
Fixture	EC	(b) (7)(F)				14.075	31.192	5910.933	2.867	5896.858	-28.325	2.1	Casing End
Fixture	BC					25.325	13.125	10.867	6024.025	-14.458	6010.900	2.1	Casing Begin - FM 589
Fixture	EC					47 425	1.750	71.417	5963.475	23.992	5961.725	2.1	Casing End
Fixture	BC					5.450	43.558	1775.100	4259.792	1769.650	4216.233	2.1	Casing Begin - Ditch protector
Fixture	EC					12.450	36.558	1782.100	4252.792	1769.650	4216.233	2.1	Casing End
Fixture	BRS					28.033	8.642	5555.308	479.583	5527.275	470.942	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	29 533	7.142	5556.808	478.083	5527.275	470 942	2.1	Stopple
Fixture	ERS					31 100	5.575	5558.375	476.517	5527 275	470.942	2.1	Sleeve Reinforcement End
Fixture	TAP				12.00	36.000	0.675	5563.275	471.617	5527.275	470.942	2.1	Tap
Fixture	BC					15.883	35.358	5657.075	377 817	5641.192	342.458	2.1	Casing Begin - IH 20
Fixture	EC					37.058	13.117	6033.683	1.208	5996.625	-11.908	2.1	Casing End
Fixture	LEAD				12:00	37.642	12.533	6034.267	0.625	5996.625	-11.908	2.1	Test Lead
Fixture	TAP				12:00	16.400	30.650	133.242	4636.833	116.842	4606.183	2.1	Tap
Fixture	BRS					21.300	25 750	138.142	4631.933	116.842	4606.183	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	22.800	24.250	139.642	4630.433	116.842	4606.183	2.1	Stopple
Fixture	ERS					24.367	22.683	141.208	4628.867	116.842	4606.183	2.1	Sleeve Reinforcement End
Fixture	BS					14.708	36.025	3008.883	1761.192	2994 175	1725.167	2.1	Sleeve Begin
Fixture	ES					38.958	11.775	3033.133	1736.942	2994.175	1725.167	2.1	Sleeve End
Fixture	BS					44.058	6.675	3038.233	1731.842	2994.175	1725.167	2.1	Sleeve Begin
Fixture	ES					0.583	45.650	3045.492	1724.583	3044.908	1678.933	2.1	Sleeve End
Fixture	BC					7.167	42.292	4389.608	380.467	4382 442	338.175	2.1	Casing Begin - State Hwy. 64
Fixture	AT				11:55	17.525	31.933	4399.967	370.108	4382.442	338.175	2.1	Centralizers Begin
Fixture	AT				12:50	23.792	24.767	4504.867	265.208	4481.075	240.442	2.1	Centralizers End
Fixture	EC					34.725	13.833	4515.800	254.275	4481 075	240 442	2.1	Casing End
Fixture	LEAD				12:00	34.767	13.792	4515.842	254.233	4481.075	240.442	2.1	Test Lead
Fixture	BC					29.250	19.692	3.425	5951.050	-25.825	5931.358	2.1	Casing Begin - Ditch protector
Fixture	EC					37.317	11.625	11.492	5942.983	-25.825	5931.358	2.1	Casing End
Fixture	TAP				12:00	46.350	3.392	852.533	5101.942	806 183	5098.550	2.1	Tap Patch
Fixture	BC					48.317	3.108	904 242	5050.233	855 925	5047.125	2.1	Casing Begin - Ditch protector
Fixture	EC					4.908	45 417	912 258	5042.217	907.350	4996.800	2.1	Casing End
Fixture	BC					19.183	27 675	1.567	3960.183	-17.617	3932.508	2.1	Casing Begin - Ditch protector
Fixture	EC					25.158	21.700	7.542	3954.208	-17.617	3932.508	2.1	Casing End
Fixture	BC					13.575	30.808	42.817	3918.933	29.242	3888.125	2.1	Casing Begin - Ditch protector

EMPCO-ARKGOV007214

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	EC	(b) (7)(F)				19 633	24.750	48.875	3912.875	29.242	3888.125	2.1	Casing End
Fixture	LEAD				12:00	33 358	12.483	527.617	3434.133	494.258	3421.650	2.1	Test Lead
Fixture	BS					6.642	38.008	199.992	6608.500	193.350	6570.492	2.1	Sleeve Begin
Fixture	ES					16.775	27.875	210.125	6598.367	193.350	6570.492	2.1	Sleeve End
Fixture	BS					19.600	25.050	212.950	6595.542	193.350	6570.492	2.1	Sleeve Begin
Fixture	ES					22.700	21.950	216.050	6592.442	193.350	6570.492	2.1	Sleeve End
Fixture	BC					9.967	41.417	4.017	4103.700	-5.950	4062.283	2.1	Casing Begin - Ditch protector
Fixture	EC					16.042	35 342	10.092	4097.625	-5.950	4062.283	2.1	Casing End
Fixture	BC					47.742	3.642	41.792	4065.925	-5.950	4062.283	2.1	Casing Begin - Ditch protector
Fixture	EC					2 383	44 050	47 817	4059.900	45.433	4015.850	2.1	Casing End
Fixture	LEAD				12:00	13.792	31.092	2263.258	1844.458	2249.467	1813.367	2.1	Test Lead
Fixture	BC					15.042	29.842	2264.508	1843.208	2249.467	1813.367	2.1	Casing Begin - State Hwy. 243
Fixture	AT				12:50	24.425	20.458	2273.892	1833.825	2249.467	1813.367	2.1	Centralizers Begin
Fixture	AT				11:15	14.200	33.183	2403.700	1704.017	2389.500	1670.833	2.1	Centralizers End
Fixture	EC					19.733	27.650	2409.233	1698.483	2389 500	1670.833	2.1	Casing End
Fixture	BS					20.642	26.742	2410.142	1697.575	2389.500	1670.833	2.1	Sleeve Begin
Fixture	ES					28.875	18.508	2418.375	1689.342	2389.500	1670.833	2.1	Sleeve End
Fixture	BS					26.425	8.617	2463.308	1644.408	2436.883	1635 792	2.1	Sleeve Begin
Fixture	ES					0.617	45.167	2472.542	1635.175	2471.925	1590.008	2.1	Sleeve End
Fixture	LEAD				12:00	25.900	19.025	3225.225	882.492	3199.325	863.467	2.1	Test Lead
Fixture	BC					39.625	5.233	4035.917	71.800	3996.292	66.567	2.1	Casing Begin - Ditch protector
Fixture	EC					6 275	39.983	4047.425	60.292	4041.150	20.308	2.1	Casing End
Fixture	BC					8.658	35.592	6884.992	1346.967	6876.333	1311 375	2.1	Casing Begin - Ditch protector
Fixture	EC					20.675	23.575	6897.008	1334.950	6876.333	1311.375	2.1	Casing End
Fixture	AT				12:00	43.292	0.958	6919.625	1312.333	6876.333	1311.375	2.1	Protective Barrier Begin
Fixture	AT				12:00	8.742	36.492	6929.325	1302.633	6920.583	1266.142	2.1	Protective Barrier End
Fixture	AT				12:00	7.675	41.883	2931.025	3949.292	2923.350	3907.408	2.1	Attachment
Fixture	BRS					12.925	34.450	3664.792	3215.525	3651.867	3181.075	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	14.475	32.900	3666.342	3213.975	3651.867	3181.075	2.1	Stopple
Fixture	ERS					16.083	31 292	3667.950	3212.367	3651.867	3181.075	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	19.442	27.933	3671.308	3209.008	3651.867	3181.075	2.1	Tap
Fixture	TAP				12:00	26.525	23.175	4585.067	2295.250	4558.542	2272.075	2.1	Tap
Fixture	BRS					29.358	20.342	4587.900	2292.417	4558.542	2272.075	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	30.942	18.758	4589.483	2290.833	4558.542	2272.075	2.1	Stopple

EMPCO-ARKGOV007215

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	ERS	(b) (7)(F)				32.500	17.200	4591.042	2289.275	4558.542	2272.075	2.1	Sleeve Reinforcement End
Fixture	BS					19.025	27.867	5018.058	1862.258	4999 033	1834.392	2.1	Sleeve Begin
Fixture	ES					20 692	26.200	5019.725	1860.592	4999.033	1834.392	2.1	Sleeve End
Fixture	BS					27.200	19.692	5026.233	1854.083	4999.033	1834.392	2.1	Sleeve Begin
Fixture	ES					32.867	14.025	5031.900	1848.417	4999.033	1834.392	2.1	Sleeve End
Fixture	BS					36.642	10.250	5035.675	1844.642	4999 033	1834.392	2.1	Sleeve Begin
Fixture	ES					39.800	7.092	5038.833	1841.483	4999.033	1834.392	2.1	Sleeve End
Fixture	BS					46.433	0.458	5045.467	1834.850	4999.033	1834.392	2.1	Sleeve Begin
Fixture	ES					20.742	27 225	5066.667	1813.650	5045.925	1786.425	2.1	Sleeve End
Fixture	BC					21.292	26.592	6793.083	87.233	6771.792	60.642	2.1	Casing Begin - Ditch protector
Fixture	EC					29.292	18.592	6801.083	79 233	6771.792	60.642	2.1	Casing End
Fixture	BRS					1.408	23.942	4040.450	57.467	4039.042	33.525	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	2.975	22.375	4042.017	55.900	4039.042	33.525	2.1	Stopple
Fixture	ERS					4.600	20.750	4043.642	54.275	4039.042	33.525	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	10.492	14.858	4049.533	48.383	4039.042	33.525	2.1	Tap
Fixture	SUPP				06:00	9.175	1.567	4094.025	3.892	4084.850	2.325	2.1	Support
Fixture	TAP				12:00	9.225	1.517	4094.075	3.842	4084.850	2.325	2.1	Tap
Fixture	BRS					0.492	10.350	2.758	7228.933	2.267	7218.583	2.2	Sleeve Reinforcement Begin
Fixture	TAP				12:00	1.517	9.325	3.783	7227.908	2.267	7218.583	2.2	Tap
Fixture	ERS					2.567	8.275	4.833	7226.858	2.267	7218.583	2.2	Sleeve Reinforcement End
Fixture	TAP				12:00	37.300	10.800	77.833	7153.858	40.533	7143.058	2.1	Tap
Fixture	BRS					43.233	4.867	83.767	7147.925	40.533	7143.058	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	44.767	3.333	85.300	7146.392	40.533	7143 058	2.1	Stopple
Fixture	ERS					46.392	1 708	86.925	7144.767	40.533	7143.058	2.1	Sleeve Reinforcement End
Fixture	BS					21.333	25.842	1443.800	5787.892	1422.467	5762 050	2.1	Sleeve Begin
Fixture	ES					24.992	22.183	1447.458	5784.233	1422.467	5762.050	2.1	Sleeve End
Fixture	BS					46.117	4.033	4498.050	2733.642	4451.933	2729.608	2.1	Sleeve Begin
Fixture	ES					48.250	1.900	4500.183	2731.508	4451.933	2729.608	2.1	Sleeve End
Fixture	BS					49.683	0.467	4501.617	2730.075	4451.933	2729 608	2.1	Sleeve Begin
Fixture	ES					10.617	38.425	4512.700	2718.992	4502.083	2680 567	2.1	Sleeve End
Fixture	BC					9.625	39.208	7201.067	30.625	7191.442	-8.583	2.1	Casing Begin - Ditch protector
Fixture	EC					19.717	29.117	7211.158	20.533	7191.442	-8.583	2.1	Casing End
Fixture	BS					26.958	23.383	2634.350	5439.950	2607.392	5416.567	2.1	Sleeve Begin
Fixture	ES					35.175	15.167	2642.567	5431.733	2607.392	5416.567	2.1	Sleeve End

EMPCO-ARKGOV007216

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BS	(b) (7)(F)				24.767	23.475	5116 517	2957.783	5091.750	2934.308	2.1	Sleeve Begin
Fixture	ES					32.917	15.325	5124.667	2949.633	5091.750	2934.308	2.1	Sleeve End
Fixture	BC					17.008	19.333	3203.250	2176.233	3186 242	2156.900	2.1	Casing Begin - FM 47
Fixture	AT				12:00	28 700	7.642	3214.942	2164.542	3186.242	2156.900	2.1	Centralizers Begin
Fixture	AT				11:55	42.192	5.567	3264.775	2114.708	3222.583	2109.142	2.1	Centralizers End
Fixture	EC					5.017	36.758	3275.358	2104.125	3270.342	2067.367	2.1	Casing End
Fixture	LEAD				12:00	5.033	36.742	3275.375	2104.108	3270.342	2067.367	2.1	Test Lead
Fixture	BS					35.308	14.092	3868.858	1510.625	3833.550	1496.533	2.1	Sleeve Begin
Fixture	ES					39 067	10.333	3872.617	1506.867	3833.550	1496.533	2.1	Sleeve End
Fixture	BS					22 075	24.750	4054.483	1325.000	4032.408	1300.250	2.1	Sleeve Begin
Fixture	ES					32.233	14.592	4064.642	1314.842	4032.408	1300.250	2.1	Sleeve End
Fixture	BS					35.083	11.742	4067.492	1311.992	4032.408	1300.250	2.1	Sleeve Begin
Fixture	ES					3.625	41.783	4082.858	1296.625	4079.233	1254.842	2.1	Sleeve End
Fixture	BS					14.900	30.508	4094.133	1285.350	4079.233	1254.842	2.1	Sleeve Begin
Fixture	ES					18 075	27.333	4097.308	1282.175	4079.233	1254.842	2.1	Sleeve End
Fixture	BS					20.650	26.025	4243.917	1135.567	4223.267	1109.542	2.1	Sleeve Begin
Fixture	ES					30.783	15.892	4254.050	1125.433	4223.267	1109.542	2.1	Sleeve End
Fixture	BS					2 467	47.833	4976.233	3632.008	4973.767	3584.175	2.1	Sleeve Begin
Fixture	ES					7.608	42.692	4981.375	3626.867	4973.767	3584.175	2.1	Sleeve End
Fixture	LEAD				12:00	15.958	31.408	6776.292	1831.950	6760.333	1800.542	2.1	Test Lead
Fixture	BC					6.667	41.508	8605.917	2.325	8599.250	-39.183	2.1	Casing Begin - Ditch protector
Fixture	EC					16.267	31 908	7.275	7415.108	-8.992	7383.200	2.1	Casing End
Fixture	BC					7.167	36.225	46.350	7376.033	39.183	7339.808	2.1	Casing Begin - Ditch protector
Fixture	EC					19.250	24.142	58.433	7363.950	39.183	7339 808	2.1	Casing End
Fixture	BS					14.317	29 233	5863.600	1558.783	5849.283	1529.550	2.1	Sleeve Begin
Fixture	ES					18.517	25.033	5867.800	1554.583	5849.283	1529.550	2.1	Sleeve End
Fixture	BS					23.192	20.358	5872.475	1549.908	5849.283	1529.550	2.1	Sleeve Begin
Fixture	ES					27.342	16.208	5876.625	1545.758	5849.283	1529.550	2.1	Sleeve End
Fixture	BC					3.900	44 008	3.342	5142.142	-0.558	5098.133	2.1	Casing Begin - Ditch protector
Fixture	EC					18.983	28.925	18.425	5127.058	-0.558	5098.133	2.1	Casing End
Fixture	BC					6.325	41.025	53.675	5091.808	47.350	5050.783	2.1	Casing Begin - Ditch protector
Fixture	EC					21 375	25.975	68.725	5076.758	47.350	5050.783	2.1	Casing End
Fixture	BC					39.292	2.192	2240.492	2904.992	2201.200	2902.800	2.1	Casing Begin - Ditch protector
Fixture	EC					6.158	42.450	2248.842	2896.642	2242.683	2854.192	2.1	Casing End

EMPCO-ARKGOV007217

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BC	(b) (7)(F)				36.275	12.333	2278.958	2866.525	2242.683	2854.192	2.1	Casing Begin - Ditch protector
Fixture	EC					3.633	45.892	2294.925	2850.558	2291.292	2804.667	2.1	Casing End
Fixture	BS					32.667	13.733	3613.558	1531.925	3580.892	1518.192	2.1	Sleeve Begin
Fixture	ES					37 242	9.158	3618.133	1527.350	3580 892	1518.192	2.1	Sleeve End
Fixture	BS					15.350	30.842	3642.642	1502.842	3627.292	1472.000	2.1	Sleeve Begin
Fixture	ES					22.483	23.708	3649.775	1495.708	3627.292	1472.000	2.1	Sleeve End
Fixture	BC					28.383	15.425	5135.633	9.850	5107.250	-5.575	2.1	Casing Begin - FM 90
Fixture	AT				11:50	32.975	10.833	5140.225	5.258	5107.250	-5.575	2.1	Centralizers Begin
Fixture	AT				10:10	40 533	10.483	94 875	3725.300	54.342	3714.817	2.1	Centralizers End
Fixture	EC					0.117	48.075	105.475	3714.700	105 358	3666.625	2.1	Casing End
Fixture	LEAD				12:00	0.400	47.792	105.758	3714.417	105.358	3666.625	2.1	Test Lead
Fixture	BC					23.508	26.092	3776.908	43.267	3753.400	17.175	2.1	Casing Begin - Ditch protector
Fixture	EC					32.550	17.050	3785.950	34.225	3753.400	17.175	2.1	Casing End
Fixture	BC					43.817	2.175	6336.658	67.492	6292.842	65.317	2.1	Casing Begin - Ditch protector
Fixture	EC					5.350	39 325	6344.183	59.967	6338.833	20.642	2.1	Casing End
Fixture	TAP				12:00	23.825	26.858	1334.892	10271.000	1311.067	10244.142	2.1	Tap
Fixture	BRS					28.258	22.425	1339.325	10266.567	1311.067	10244.142	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	29.858	20.825	1340.925	10264.967	1311.067	10244.142	2.1	Stopple
Fixture	ERS					31.467	19.217	1342.533	10263.358	1311.067	10244.142	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	35.758	14.925	1346.825	10259.067	1311.067	10244.142	2.1	Tap
Fixture	BC					0.333	45.883	2363.275	9242.617	2362.942	9196.733	2.1	Casing Begin - State Hwy. 175
Fixture	AT				12.00	7 842	38 375	2370.783	9235.108	2362.942	9196.733	2.1	Centralizers Begin
Fixture	AT				12.05	33.217	11.700	2490.900	9114.992	2457.683	9103.292	2.1	Centralizers End
Fixture	EC					43.750	1.167	2501.433	9104.458	2457.683	9103.292	2.1	Casing End
Fixture	LEAD				12:00	44.017	0.900	2501.700	9104.192	2457.683	9103.292	2.1	Test Lead
Fixture	LEAD				12:00	37.142	11.100	4172.317	7433.575	4135.175	7422.475	2.1	Test Lead
Fixture	BC					38.492	9.750	4173.667	7432.225	4135.175	7422.475	2.1	Casing Begin - RR Spur
Fixture	EC					0.350	45.108	4278.292	7327.600	4277.942	7282.492	2.1	Casing End
Fixture	BC					29.600	17.667	4542.908	7062.983	4513.308	7045 317	2.1	Casing Begin - T. & N.O. RR Pleasure Hill
Fixture	AT				11.20	40.783	6.483	4554.092	7051.800	4513.308	7045.317	2.1	Centralizers Begin
Fixture	AT				11:10	35.667	12.808	4643.933	6961.958	4608.267	6949.150	2.1	Centralizers End
Fixture	EC					36.575	11.900	4644.842	6961.050	4608.267	6949.150	2.1	Casing End
Fixture	BPCH				10:50	47.867	1.433	4886.858	6719.033	4838.992	6717.600	2.1	Patch Begin
Fixture	EPCH					48.742	0.558	4887.733	6718.158	4838.992	6717.600	2.1	Patch End

EMPCO-ARKGOV007218

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (ft.)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	LEAD	(b) (7)(F)			12:00	26.058	23 417	5157.958	6447.933	5131.900	6424.517	2.1	Test Lead
Fixture	BS					29.658	13.842	8818.692	2787.200	8789.033	2773.358	2.1	Sleeve Begin
Fixture	ES					37.842	5.658	8826.875	2779.017	8789.033	2773.358	2.1	Sleeve End
Fixture	BC					29 325	17.367	10539.575	1066.317	10510.250	1048.950	2.1	Casing Begin - Ditch protector
Fixture	EC					35.300	11.392	10545.550	1060.342	10510.250	1048.950	2.1	Casing End
Fixture	BC					13.942	33.717	10570 883	1035.008	10556.942	1001.292	2.1	Casing Begin - Ditch protector
Fixture	EC					19.967	27.692	10576.908	1028.983	10556.942	1001.292	2.1	Casing End
Fixture	TAP				12:00	9.242	1 367	11598 658	7.233	11589.417	5 867	2.0	Tap
Fixture	SUPP				06.00	9.275	1.333	11598.692	7.200	11589.417	5.867	2.0	Support
Fixture	SUPP				06:00	1.475	9.217	3 908	4940.833	2.433	4931.617	2.2	Support
Fixture	AT				12:00	1 508	9.183	3.942	4940.800	2.433	4931 617	2.2	Attachment Poss. Full Encirclement
Fixture	BC					6.342	43.083	100.625	4844.117	94.283	4801.033	2.1	Casing Begin - Ditch protector
Fixture	EC					26.458	22.967	120.742	4824.000	94.283	4801.033	2.1	Casing End
Fixture	TAP				12:00	13.600	31.400	205.025	4739.717	191.425	4708.317	2.1	Tap
Fixture	BRS					18.092	26.908	209.517	4735.225	191.425	4708.317	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12:00	19.642	25.358	211.067	4733.675	191.425	4708.317	2.1	Stopple
Fixture	ERS					21 317	23 683	212.742	4732.000	191.425	4708.317	2.1	Sleeve Reinforcement End
Fixture	TAP				12.00	25.617	19 383	217.042	4727.700	191 425	4708.317	2.1	Tap
Fixture	BC					19.692	28.800	724.533	4220.208	704.842	4191.408	2.1	Casing Begin - Ditch protector
Fixture	EC					28.583	19.908	733.425	4211.317	704.842	4191.408	2.1	Casing End
Fixture	BC					13.075	36.408	766.408	4178.333	753.333	4141.925	2.1	Casing Begin - Ditch protector
Fixture	EC					22.083	27 400	775.417	4169.325	753.333	4141.925	2.1	Casing End
Fixture	BC					9.742	33.667	1179.517	3765.225	1169.775	3731.558	2.1	Casing Begin - Ditch protector
Fixture	EC					17.067	26 342	1186.842	3757.900	1169.775	3731.558	2.1	Casing End
Fixture	BC					10.083	37.458	1223.267	3721.475	1213.183	3684.017	2.1	Casing Begin - Ditch protector
Fixture	EC					17.425	30.117	1230.608	3714.133	1213.183	3684.017	2.1	Casing End
Fixture	BC					26.625	24.442	2884.292	2060.450	2857.667	2036.008	2.1	Casing Begin - Ditch protector
Fixture	EC					34.725	16.342	2892.392	2052.350	2857.667	2036.008	2.1	Casing End
Fixture	BC					13.450	37.967	2922.183	2022.558	2908.733	1984.592	2.1	Casing Begin - Ditch protector
Fixture	EC					21 075	30.342	2929.808	2014.933	2908.733	1984.592	2.1	Casing End
Fixture	BC					37.750	11 417	4035.650	909.092	3997.900	897.675	2.1	Casing Begin - Ditch protector
Fixture	EC					3.242	43.050	4050.308	894 433	4047.067	851.383	2.1	Casing End
Fixture	BC					27.342	18.950	4074.408	870.333	4047.067	851.383	2.1	Casing Begin - Ditch protector
Fixture	EC					41.958	4.333	4089.025	855.717	4047.067	851.383	2.1	Casing End

EMPCO-ARKGOV007219

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (b) (7)(F)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	BC					14 542	33.533	15.342	8152.442	0.800	8118.908	2.1	Casing Begin - Ditch protector
Fixture	EC					24.517	23.558	25.317	8142.467	0.800	8118.908	2.1	Casing End
Fixture	BC					46.200	1.875	47.000	8120.783	0.800	8118.908	2.1	Casing Begin - Ditch protector
Fixture	EC					6.242	41.650	55.117	8112.667	48.875	8071.017	2.1	Casing End
Fixture	TAP				12:00	4.625	18.375	233.492	7934.292	228.867	7915.917	2.1	Tap
Fixture	BC					19.067	3.933	247.933	7919.850	228.867	7915.917	2.1	Casing Begin - Ditch protector
Fixture	EC					5.942	34.008	258.800	7908.983	252.858	7874.975	2.2	Casing End
Fixture	BS					30.383	11.892	7441.267	726.517	7410.883	714.625	2.1	Sleeve Begin
Fixture	ES					36.575	5.700	7447.458	720.325	7410.883	714 625	2.1	Sleeve End
Fixture	TAP				12.00	31.450	0.508	7529.500	638.283	7498.050	637.775	2.1	Tap Patch
Fixture	BC					6.375	36.242	7700.475	467.308	7694.100	431.067	2.1	Casing Begin - State Hwy 334
Fixture	EC					30.592	9.958	7986.925	180.858	7956.333	170.900	2.1	Casing End
Fixture	LEAD				12:00	31.417	9.133	7987.750	180.033	7956.333	170.900	2.1	Test Lead
Fixture	TAP				12:00	6.967	36.975	8314.642	387.775	8307.675	350.800	2.1	Tap
Fixture	BRS					11.017	32.925	8318.692	383.725	8307.675	350.800	2.1	Sleeve Reinforcement Begin
Fixture	STPL				12 00	12.600	31.342	8320.275	382.142	8307.675	350.800	2.1	Stopple
Fixture	ERS					14.250	29 692	8321.925	380.492	8307.675	350.800	2.1	Sleeve Reinforcement End
Fixture	TAP				12:00	16.575	27.367	8324.250	378.167	8307.675	350.800	2.1	Tap
Fixture	TAP				12:00	2.450	0.975	8570.617	131.800	8568.167	130.825	2.1	Tap
Fixture	AT				05:40	2.467	0.958	8570.633	131.783	8568.167	130.825	2.1	Attachment
Fixture	VLV				12:00	2.933	1.967	8574.525	127.892	8571.592	125.925	2.1	Valve Check 1236+34
Fixture	AT				12:00	34.475	16 033	2244.617	1615.808	2210.142	1599.775	2.1	Protective Barrier Begin
Fixture	AT				12:00	45.458	5.050	2255.600	1604.825	2210.142	1599.775	2.1	Protective Barrier End
Fixture	BC					33.242	13.150	2293.892	1566.533	2260.650	1553.383	2.1	Casing Begin - Ditch protector
Fixture	EC					40.308	6 083	2300.958	1559.467	2260.650	1553.383	2.1	Casing End
Fixture	BC					3.067	45.442	3858.033	2.392	3854.967	-43.050	2.1	Casing Begin - State Hwy. 274
Fixture	AT				11:05	12.375	36.133	6.917	6490.583	-5.458	6454.450	2.1	Centralizers Begin
Fixture	AT				12:45	38.733	10.350	81.783	6415.717	43.050	6405.367	2.1	Centralizers End
Fixture	EC					13.992	32.125	106.125	6391.375	92.133	6359.250	2.1	Casing End
Fixture	LEAD				12:00	14.192	31.925	106 325	6391.175	92.133	6359.250	2.1	Test Lead
Fixture	BC					33.450	11 775	6363.325	134.175	6329 875	122.400	2.1	Casing Begin - Ditch protector
Fixture	EC					39 925	5.300	6369.800	127.700	6329.875	122.400	2.1	Casing End
Fixture	TAP				12:00	0.700	1.383	6493.575	3.925	6492.875	2.542	2.2	Tap
Fixture	TAP				12:00	1.450	0.558	3.617	7345.933	2.167	7345.375	2.1	Tap

EMPCO-ARKGOV007220

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance (b) (7)(F)	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
Fixture	TAP				12:00	8.683	12 642	12.858	7336.692	4.175	7324.050	2.1	Tap
Fixture	BPCH				12:00	13.400	26.817	3035.217	4314.333	3021 817	4287.517	2.1	Patch Begin
Fixture	EPCH					15 567	24 650	3037.383	4312.167	3021.817	4287.517	2.1	Patch End
Fixture	BC					5 700	37.750	5042.792	1789.067	5037 092	1751.317	2.2	Casing Begin - Trinity River
Fixture	AT				01:05	13.850	29.600	5050.942	1780.917	5037.092	1751.317	2.2	Centralizers Begin
Fixture	AT				10:25	36.875	6.608	5471.650	1360.208	5434.775	1353.600	2.2	Centralizers End
Fixture	EC					38.542	4.942	5473.317	1358.542	5434.775	1353.600	2.2	Casing End
Fixture	TAP				12:00	2 458	15.567	5647.892	1183.967	5645 433	1168.400	2.2	Tap Patch
Fixture	AT				12:00	11 083	6 942	5656.517	1175.342	5645.433	1168.400	2.2	Tap Patch
Fixture	TAP				12:00	28.742	11.900	6712.875	118.983	6684 133	107 083	2.2	Tap
Fixture	TAP				12.00	2.192	41.275	6726.967	104 892	6724 775	63.617	2.2	Tap
Fixture	TAP				12:00	0.983	1.300	6783.892	47.967	6782.908	46.667	2.1	Tap
Fixture	VLV				12:00	3.058	1.850	6788.250	43.608	6785 192	41.758	2.1	Valve Check 940+07
Fixture	TAP				12:00	1.225	1.083	6791.325	40.533	6790.100	39.450	2.2	Tap
Fixture	TAP				12:00	29.525	13.617	41.400	4674.625	11.875	4661.008	2.2	Tap
Fixture	TAP				12.00	1 992	42.275	57 008	4659.017	55.017	4616.742	2.2	Tap
Fixture	TAP				12.00	25.775	13.400	5343.617	210 583	5317.842	197.183	2.1	Tap Patch
Fixture	TAP				12:00	0.558	1 517	5550.325	3.875	5549.767	2.358	2.2	Tap
Fixture	TAP				12:00	1.517	0.542	3.650	3003.933	2.133	3003.392	2.0	Tap
Fixture	BC					39.633	4.283	2990.400	17.183	2950.767	12.900	2.1	Casing Begin - Dirt Road
Fixture	EC					5.350	40.700	3000.033	7.550	2994.683	-33.150	2.1	Casing End
Fixture	BC					4 942	43.825	5562.283	103.867	5557.342	60.042	2.1	Casing Begin - FM 636
Fixture	EC					6 708	37.350	5660.917	5.233	5654.208	-32 117	2.1	Casing End
Fixture	BC					45.258	1.550	2748.692	3288.658	2703.433	3287.108	2.1	Casing Begin - Ditch protector
Fixture	EC					5.350	41 167	2755.592	3281.758	2750.242	3240.592	2.1	Casing End
Fixture	BC					16.183	30.333	2766.425	3270.925	2750.242	3240.592	2.1	Casing Begin - Ditch protector
Fixture	EC					23.267	23.250	2773.508	3263.842	2750.242	3240.592	2.1	Casing End
Fixture	BS					36.175	9.933	1879.067	2433.342	1842.892	2423.408	2.1	Sleeve Begin
Fixture	ES					38.333	7.775	1881.225	2431.183	1842.892	2423.408	2.1	Sleeve End
Fixture	BC					27.992	16 450	4267.283	45.125	4239.292	28.675	2.1	Casing Begin - Ditch protector
Fixture	EC					36.325	8.117	4275.617	36.792	4239.292	28.675	2.1	Casing End
Fixture	BC					9.625	37.408	4293.358	19.050	4283.733	-18.358	2.1	Casing Begin - Ditch protector
Fixture	EC					17.958	29.075	4301.692	10.717	4283.733	-18.358	2.1	Casing End
Fixture	BC					3.308	47.408	3898.717	3237.633	3895.408	3190.225	2.1	Casing Begin - Ditch protector

EMPCO-ARKGOV007221

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
		(b) (7)(F)											
Fixture	EC					10.375	40 342	3905.783	3230.567	3895.408	3190.225	2.1	Casing End
Fixture	BC					26 767	23.950	3922.175	3214.175	3895.408	3190.225	2.1	Casing Begin - Ditch protector
Fixture	EC					33.733	16 983	3929.142	3207.208	3895.408	3190.225	2.1	Casing End
Fixture	BS					15.192	34.208	2333.092	5130.508	2317.900	5096.300	2.1	Sleeve Begin
Fixture	ES					17.692	31.708	2335.592	5128.008	2317.900	5096.300	2.1	Sleeve End
Fixture	BC					9.808	37.992	3267.925	11.217	3258.117	-26.775	2.1	Casing Begin - FM 1129
Fixture	EC					44.167	2.100	114.925	3144.758	70.758	3142.658	2.1	Casing End
Fixture	BC					22.225	15 000	8974.950	1087.175	8952.725	1072.175	2.2	Casing Begin - Ditch protector
Fixture	EC					28.183	9.042	8980.908	1081.217	8952.725	1072.175	2.2	Casing End
Fixture	BC					19.217	21.825	10050.025	12.100	10030.808	-9.725	2.2	Casing Begin - Ditch protector
Fixture	EC					26.133	14.908	10056.942	5.183	10030.808	-9.725	2.2	Casing End
Fixture	BC					41.425	0.925	5292.792	479 233	5251.367	478.308	2.2	Casing Begin - Post Oak Creek
Fixture	AT				12:00	9.283	33.850	5303.000	469.025	5293.717	435.175	2.2	Centralizers Begin
Fixture	AT				08:55	30.158	12.975	5323.875	448.150	5293.717	435.175	2.2	Centralizers End
Fixture	EC					40.233	2.900	5333.950	438 075	5293.717	435.175	2.2	Casing End
Fixture	BC					28.008	14.908	5494.150	277.875	5466 142	262.967	2.2	Casing Begin - U S. Hwy. 31
Fixture	AT				02:25	8.658	34.442	5688.908	83.117	5680.250	48.675	2.2	Centralizers End
Fixture	EC					13 092	30.875	5769.417	2.608	5756.325	-28.267	2.2	Casing End
Fixture	LEAD				12:00	14.025	29.942	5770.350	1.675	5756.325	-28.267	2.2	Test Lead
Fixture	BC					7.575	33.308	1705.092	3631.842	1697.517	3598.533	2.2	Casing Begin - S.L. & S.W. RR
Fixture	EC					10.392	25.367	1832.883	3504.050	1822.492	3478.683	2.2	Casing End
Fixture	BC					35.083	6.667	3913.133	1423.800	3878.050	1417 133	2.2	Casing Begin - Ditch protector
Fixture	EC					1.350	43.550	3921.150	1415.783	3919.800	1372 233	2.2	Casing End
Fixture	BC					16.808	28.092	3936.608	1400.325	3919.800	1372 233	2.2	Casing Begin - Ditch protector
Fixture	EC					25.950	18.950	3945.750	1391.183	3919.800	1372.233	2.2	Casing End
Fixture	BC					14.683	26.175	4838.833	498.100	4824.150	471.925	2.2	Casing Begin - IH 45
Fixture	EC					0.542	42.450	5335.483	1.450	5334.942	-41.000	2.2	Casing End
Fixture	BC					31.000	21.217	3387.817	890.917	3356.817	869.700	2.2	Casing Begin - B. & R. RR
Fixture	AT				03:00	6.933	26.333	3415.967	862.767	3409 033	836.433	2.2	Centralizers Begin
Fixture	AT				01.35	13 175	29.008	3490.800	787.933	3477.625	758.925	2.2	Centralizers End
Fixture	EC					22.083	20.100	3499.708	779.025	3477 625	758.925	2.2	Casing End
Fixture	BC					15.492	17.000	3617.658	661.075	3602.167	644.075	2 2	Casing Begin - Ditch protector
Fixture	EC					3.542	39.525	3677.692	601.042	3674.150	561.517	2.2	Casing End
Fixture	BC					20.392	21.742	4167.308	111.425	4146.917	89.683	2.2	Casing Begin - U.S. Hwy. 287

EMPCO-ARKGOV007222

Client: ExxonMobil Pipeline Company
Job #: 10906.01
Date: 7/10/2010

Section: Conway to Corsicana
Diameter: 20"

NDT Systems & Services

Event Name	Type	Distance	Bend Radius	Bend Angle	Clock	USW	DSW	USM	DSM	USWUSM	DSWDSM	Speed (mph)	Comments
		(b) (7)(F)											
Fixture	AT				12:50	22 242	17.392	4211.292	67.442	4189.050	50 050	2.2	Centralizers Begin
Fixture	AT				02:40	9.600	12 467	2.225	5781.167	-7.375	5768.700	2.2	Centralizers End
Fixture	EC					10 075	11.992	2.700	5780.692	-7.375	5768.700	2.2	Casing End
Fixture	BC					34.492	3.375	1900.150	3883.242	1865 658	3879.867	2.2	Casing Begin - U.S Hwy. 287
Fixture	AT				12:40	9.908	32.242	1913.433	3869.958	1903.525	3837.717	2.2	Centralizers Begin
Fixture	AT				01:00	14.200	24.100	2002.867	3780.525	1988.667	3756.425	2.2	Centralizers End
Fixture	EC					21.608	16.692	2010.275	3773.117	1988.667	3756.425	2.2	Casing End
Fixture	BRS					4 875	37.442	5319.275	464 117	5314 400	426 675	2.2	Sleeve Reinforcement Begin
Fixture	STPL				12:00	6.525	35.792	5320.925	462.467	5314 400	426.675	2.2	Stopple
Fixture	ERS					8.100	34.217	5322.500	460.892	5314.400	426.675	2.2	Sleeve Reinforcement End
Fixture	TAP				12.00	11 575	30 742	5325.975	457.417	5314 400	426 675	2.2	Tap
Fixture	BC					37.983	5.625	5636.875	146.517	5598.892	140.892	2.2	Casing Begin - FM 709 / S. 15th
Fixture	AT				12:15	4.433	6.667	5646.933	136.458	5642.500	129.792	2.2	Centralizers Begin
Fixture	AT				11.15	27.408	13.825	5766.500	16.892	5739.092	3.067	2.2	Centralizers End
Fixture	EC					40.183	1.050	5779.275	4.117	5739.092	3.067	2.1	Casing End
Fixture	TAP				12:00	1.817	1.033	4.317	20 267	2 500	19.233	2.0	Tap
Fixture	TAP				12:00	4.050	7 675	11 133	13 450	7.083	5.775	2.2	Tap
Fixture	TEE				03:00	1.108	1 283	19 917	4.667	18 808	3.383	2.2	Tee

EMPCO-ARKGOV007223

Part 3:

Appendix

EMPCO-ARKGOV007224

Part 3: Appendix

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EMPCO-ARKGOV007225

1 Analyst Qualifications

(b) (6) [redacted]

To: Lisa Barkdull
Manager, Data Analysis

EMPLOYEE QUALIFICATION VERIFICATION
COMPANY/CLIENT CONFIDENTIAL
Verified: 3 August 2009

Lisa, with respect to your request for verification of ILI PQ qualification for one of your employees, (b) (6) [redacted] I can verify the following information.

Date of employment: (b) (6) [redacted]
Current Job Title: MFL Data Analyst
Base Location: Houston, Texas

In accordance with ILI PQ 2005 (Section 9.5), the following items have been reviewed for compliance with the NDT Systems & Services (America) Inc. Personnel Development Policy (080001) requirements for ILI PQ MFL Analyst. Results of this verification are as follows:

1. Educational background and qualifying experience as required per company policy:
   Record of education, experience and training is on file and is sufficient to meet initial qualification requirements.
2. Continuation of experience in selected ILI technology:
   As confirmed by time and project reports, the employee has completed in excess of the minimum 840 hours (education level HS+) performing MFL analysis.
3. Satisfactory completion of required training per company policy:
   Has successfully completed 270 hours of training since date of employment, exceeds the required training requirement for Level II qualification in MFL.
4. Verification of Grades attained:
   All tests taken indicate either Pass or >80% on tests taken since date of employment.
5. Results of vision examinations:
   a. (b) (6) [redacted]
   b. Color Contrast Differentiation (16 plate Pseudo-Isochromatic Plates):
      (b) (6) [redacted]
6. Record of Examinations (must exceed 80% as per Company policy):
   GPA is > 80% on all exams taken since date of employment.

As evidenced above, and based upon a review of his satisfactory work performance as a MFL Analyst documented by you, I can certify that he is qualified and meets the NDT Systems & Services (America) Inc. requirements of:

ILI PQ Level II Analyst – MFL

Valid until 11 July 2012

Rusty Jackson
Manager, Quality Assurance
Training Administrator
NDT System & Services (America) Inc.

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(b) (6)

To: Lisa Barkdull
Manager, Data Analysis

EMPLOYEE QUALIFICATION VERIFICATION
COMPANY/CLIENT CONFIDENTIAL
Verified: 3 August 2009

Lisa, with respect to your request for verification of ILI PQ qualification for one of your employees, (b) (6) I can verify the following information.

Date of employment: (b) (6)
Current Job Title: MFL Data Analyst
Base Location: Houston, Texas

In accordance with ILI PQ 2005 (Section 9.5), the following items have been reviewed for compliance with the NDT Systems & Services (America) Inc. Personnel Development Policy (080001) requirements for ILI PQ MFL Analyst. Results of this verification are as follows:

1. Educational background and qualifying experience as required per company policy:
   Record of education, experience and training is on file and is sufficient to meet initial qualification requirements.
2. Continuation of experience in selected ILI technology:
   As confirmed by time and project reports, the employee has completed in excess of the minimum 840 hours (education level HS+) performing MFL analysis.
3. Satisfactory completion of required training per company policy:
   Has successfully completed 208 hours of training since date of employment, exceeds the required training requirement for Level II qualification in MFL.
4. Verification of Grades attained:
   All tests taken indicate either Pass or >80% on tests taken since date of employment.
5. Results of vision examinations:
   a. Near Vision Acuity (Jaeger Number 2 chart):
   (b) (6)
   b. Color Contrast Differentiation (16 plate Pseudo-Isochromatic Plates):
   (b) (6)
6. Record of Examinations (must exceed 80% as per Company policy):
   GPA is > 80% on all exams taken since date of employment.

As evidenced above, and based upon a review of his satisfactory work performance as a MFL Analyst documented by you, I can certify that he is qualified and meets the NDT Systems & Services (America) Inc. requirements of:

ILI PQ Level II Analyst – MFL

Valid until 11 July 2012

Rusty Jackson
Manager, Quality Assurance
Training Administrator
NDT System & Services (America) Inc.

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(b) (6) [redacted]

To: Lisa Barkdull
Manager, Data Analysis

EMPLOYEE QUALIFICATION VERIFICATION
COMPANY/CLIENT CONFIDENTIAL
Verified: 18 June 2010

Lisa, with respect to your request for verification of ILI PQ qualification for one of your employees, (b) (6) [redacted] I can verify the following information.

Date of employment: (b) (6) [redacted]
Current Job Title: Geometry Data Analyst
Base Location: Houston, Texas

In accordance with ILI PQ 2005 (Section 9.5), the following items have been reviewed for compliance with the NDT Systems & Services (America) Inc. Personnel Development Policy (PP-001-TRN-AMR-e) requirements for ILI PQ Geometry Analyst. Results of this verification are as follows:

1. Educational background and qualifying experience as required per company policy:
   Record of education, experience is on file and is sufficient to meet initial qualification requirements.
2. Continuation of experience in selected ILI technology:
   As confirmed by time and project reports, the employee has completed in excess of the minimum 420 hours performing Geometry Analysis (High School +).
3. Satisfactory completion of required training per company policy:
   He has successfully completed 195.5 hours of training since date of employment which exceeds the training requirement for Level II qualification in Geometry Analysis technology.
4. Verification of Grades attained:
   All tests taken indicate either Pass or >80% on tests taken since date of employment.
5. Results of vision examinations:
   a. Near Vision Acuity (Jaeger Number 2 chart): (b) (6) [redacted]
   b. Color Contrast Differentiation (16 plate Pseudo-Isochromatic Plates): (b) (6) [redacted]
6. Record of Examinations (must exceed 80% as per Company policy):
   GPA is > 80% on all exams taken since date of employment.

As evidenced above, and based upon a review of his satisfactory work performance as a Geometry documented by you, I can certify that he is qualified and meets the NDT Systems & Services (America) Inc. requirements of:

ILI PQ Level II Analyst – Geometry

Valid until 2 June 2013

Rusty Jackson
Manager, Quality Assurance
Training Administrator
NDT System & Services (America) Inc.

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(b) (6)

To: John Olivares
Manager, Data Analysis

EMPLOYEE QUALIFICATION VERIFICATION
COMPANY/CLIENT CONFIDENTIAL
Verified: 9 April 2010

John, with respect to your request for verification of ILI PQ qualification for one of your employees (b) (6) I can verify the following information.

Date of employment: (b) (6)
Current Job Title: Mapping Data Analyst
Base Location: Houston, Texas

In accordance with ILI PQ 2005 (Section 9.5), the following items have been reviewed for compliance with the NDT Systems & Services (America) Inc. Personnel Development Policy (PP-001-TRN-AMR) requirements for ILI PQ Mapping Data Analyst. Results of this verification are as follows:

1. Educational background and qualifying experience as required per company policy:
   Record of education, experience and training is on file and is sufficient to meet initial qualification requirements.
2. Continuation of experience in selected ILI technology:
   As confirmed by time and project reports, the employee has completed in excess of the minimum 420 hours (education level HS+) performing Mapping Data Analysis.
3. Satisfactory completion of required training per company policy:
   Has successfully completed 245 hours of training since date of employment which exceeds the required training Level II qualification in Mapping Data Analysis.
4. Verification of Grades attained:
   All tests taken indicate either Pass or >80% on tests taken since date of employment.
5. Results of vision examinations:
   a. Near Vision Acuity (Jaeger Number 2 chart):
      (b) (6)
   b. Color Contrast Differentiation (16 plate Pseudo-Isochromatic Plates):
      (b) (6)
6. Record of Examinations (must exceed 80% as per Company policy):
   GPA is > 80% on all exams taken since date of employment.

As evidenced above, and based upon a review of his satisfactory work performance as a Mapping Data Analyst documented by you, I can certify that he is qualified and meets the NDT Systems & Services (America) Inc. requirements of:

ILI PQ Level II Mapping Data Analyst

Valid until 09 April 2013

Rusty Jackson
Manager, Quality Assurance
Training Administrator
NDT System & Services (America) Inc.

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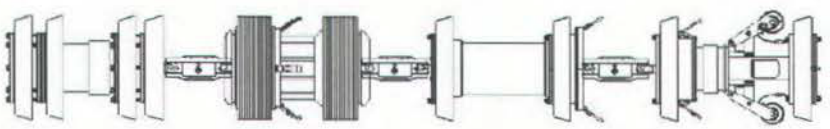
2 Tool Specifications

20" 1½D Combo

The magnetic field strength of the 20" 1½D Combo tool is 12000 Amp/m for .312 wall thickness.



387643

	Imperial	Metric
Overall Tool Length	145.3 in.	369 cm
Tool Mass	1140 lb.	518 kg

Lengths	Imperial (in.)	Metric (mm)
Section 1	32.42	823
Section 2	38.47	977
Section 3	39.12	994
Section 4	35.26	896

TYPICAL INSPECTION SPECIFICATION

DETECTION PARAMETERS
(Grading @ 90% confidence.)

Minimum Detectable Thresholds

t < .380" (10mm)	= .380 in. (10 mm)
t ≥ .380" (10mm)	≥ 1t (t = wall thickness)
Deformation	± .10 in. (2.5 mm)

Minimum Sizeable Depth

Pitting Corrosion	20% Body	30% Zone
General Corrosion	15% Body	25% Zone
Dent	1 in. L x 1 in. W	(25 x 25 mm)
Ovality	1 in. L x 2 in. W	(25 x 50 mm)

SIZING ACCURACY
(Grading @ 80% Confidence)

		Depth: Pitting	Depth: General metal loss
Pipe Body		± 10%	± 10%
Heat-affected zone		± 15%	± 15%
Pitting	Length	± .50 in. (13 mm)	
	Width	± .75 in. (19 mm)	
General metal loss	Length	± .75 in. (19 mm)	
	Width	± 1.00 in. (25 mm)	
Deformation	Length	± .10 in. (2.5 mm)	
	Width	± 1.00 in. (25 mm)	

LOCATING ACCURACY

Axial
± .3% General
± 1 in. (25 mm) Localized

Circumferential
± 10°

Sensor Count
123 Corrosion
40 Deformation
41 ID/OD

TOOL PARAMETERS

	Imperial	Metric
*Temperature Range	32° to 140°	0° to 60° C
Data Acquisition Speed Range	0 to 15 mph	0 to 6.2 m/s
Stated Accuracy Speed Range	<.5 to 7 mph	<.2 to 3.1 m/s
*Maximum Operating Pressure	1500 psi	10.342 MPa

(Extended parameters optional)

	Time	Distance
Run Duration*	75 hr.	82 mi. 132 km.

Wall Thickness Inspection Range

0.188 in.	To	0.500 in.
4.8 mm	To	12.7 mm

PIPELINE CONDITIONS

Bend (90°)	Back to Back Transition Inch	Back to Back Transition Mm	Minimum ID in Bend Inch	Minimum ID in Bend mm
1½D	0	0	18.98	482
3D	0	0	18.61	473
5D	0	0	18.33	466

Straight Pipe (Fittings)	17.79	452
Straight Pipe (Continuous)	18.64	473

Comments

* INS/GPS Module available (run time is affected)

* Additional Run distance available with extended memory

Doc 880.260154 Rev Lb 10/08

Linalog Centerline

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Linalog Centerline is a family of in-line tools developed to enhance the value of above ground pipeline surveys through use of an on-board INS system that measures and records the movement of the tool as it moves through the pipeline. By correlating this information with GPS satellite data, the precise location of the pipeline can be determined with sub-meter accuracy.

GENERAL SPECIFICATIONS

	Imperial	Metric
*Temperature Range	0° to 140° F	-18° to 60° C
Optimum Speed Range	5 to 15 mph	2.2 to 6.2 m/s
Safe Operating Speed Range	<.5 to 15 mph	<.2 to 6.2 m/s
*Maximum Operating Pressure	3250 psi	22.408 mPa

* (Extended parameters available)

	Time	Distance
*Run Duration	69 hr.	350 mi. 563 km.

Odometer Accuracy
± .3% General
± 1 in. (25 mm) Localized

SMALL DIAMETER

Diameter	# Sect.	Tool Length		Tool Weight		Minimum ID (Continuous)		Minimum ID (Fittings)		Minimum ID (1.5D)		Minimum ID (3D)	
		(in.)	(cm)	(lb.)	(kg)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
10STD	4	80.1	203	235	107	9.48	240.8	8.95	227.3	9.48	240.8	8.95	227.3
10HVY	4	80.1	203	235	107	8.71	221.2	8.23	209.0	8.71	221.2	8.23	209.0
12STD	4	82.7	210	249	113	11.28	286.5	10.65	270.5	11.28	286.5	10.65	270.5
12HVY	4	82.7	210	249	113	10.46	265.7	9.88	251.0	10.46	265.7	9.88	251.0
14STD	4	87.7	223	265	120	12.47	316.7	11.77	299.0	12.47	316.7	11.77	299.0

LARGE DIAMETER

Diameter	# Sect.	Tool Length		Tool Weight		Minimum ID (Continuous)		Minimum ID (Fittings)		Minimum ID (1.5D)		Minimum ID (3D)	
		(in.)	(cm)	(lb.)	(kg)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)	(in.)	(mm)
16	3	81.9	208	250	114	14.29	363.0	13.50	342.9	14.29	363.0	13.50	342.9
18	2	53	135	260	118	16.20	411.5	15.30	388.6	16.20	411.5	15.30	388.6
20	2	55.9	142	265	120	18.00	457.2	17.00	431.8	18.00	457.2	17.00	431.8
22	2	56	142	265	120	19.80	502.9	18.70	475.0	19.80	502.9	18.70	475.0
24	2	57	145	270	123	21.60	548.6	20.40	518.2	21.60	548.6	20.40	518.2
26	1	37	94	300	136	23.40	594.4	22.10	561.3	23.40	594.4	22.10	561.3
28	1	37	94	425	193	25.20	640.1	23.80	604.5	25.20	640.1	23.80	604.5
30	1	44.2	112	500	227	26.83	681.5	25.34	643.6	26.83	681.5	25.34	643.6
32	1	34.2	87	520	236	28.75	730.3	27.15	689.6	28.75	730.3	27.15	689.6
36	1	40	102	625	284	32.40	823.0	30.60	777.2	32.40	823.0	30.60	777.2
40	1	40	102	700	318	36.00	914.4	34.00	863.6	36.00	914.4	34.00	863.6

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3 Feature Specifications

10" to 22" TR4 Linalog® HR
MFL Defect Detection Specification
Specifications and requirements for intelligent pig inspection of pipelines, Version 3.2
Table 1 : Identification of features

Feature	Yes POI>90%	No POI<50%	May be 50%<=POI<=90%
Int./ext./midwall discrimination (NOT MIDWALL)	✓		
Additional metal / material			
- debris			✓
- touching metal to metal			✓
Anode			✓
Anomaly			
- arc strike			✓
- artificial defect	♦		
- buckle			☆
- corrosion	✓		
- corrosion cluster	✓		
- crack			♦
- dent			☆
- dent with metal loss			☆
- gouging			☆
- grinding			☆
- girth weld crack			♦
- girth weld anomaly	✓		
- HIC		✓	
- lamination			♦
- longitudinal weld crack		✓	
- longitudinal weld anomaly	✓		
- ovality		✓	
- pipe mill anomaly			✓
- pipe mill feature anomaly			✓
- SCC		✓	
- spalling			♦
- spiral weld crack		✓	
- spiral weld anomaly			✓
- wrinkle			☆
Crack arrestor			✓
Eccentric pipe casing			✓
Change in wall thickness	✓		
CP connection			✓
External support	✓		
Ground anchor			✓
Off take	✓		
Pipeline fixture	✓		
Reference magnet	✓		
Repair			
- welded sleeve repair	✓		
- composite sleeve repair			✓
- weld deposit			✓
- coating		✓	
Tee	✓		
Valve	✓		
Weld			
- bend	✓		
- diameter change	✓		
- wall thickness change (pipe/pipe connection)	✓		
- adjacent tapering			✓

☆ Mechanical anomalies do not represent simple metal losses and therefore do not lend themselves to definable limits of detection and identification. These anomalies can represent sites of metal displace-ment, metallurgical changes, and localized work hardening.

♦ This will be reported as an anomaly but accurate identification depends upon the size and shape of the item.

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MFL Defect Detection Specification
Imperial

Specifications and requirements for intelligent pig inspection of pipelines, Version 3.2

Table 2 : Detection and sizing accuracy for anomalies in body of pipe

	General Metal Loss		Pitting		Axial Grooving		Circumf. Grooving	
Depth at POD = 90%	0.15t		0.20t		0.20t		0.15t	
	80%	90%	80%	90%	80%	90%	80%	90%
Depth sizing accuracy at 80% and 90% confidence	± 0.10t	± 0.13t	± 0.10t	± 0.13t	± 0.10t	± 0.13t	± 0.10t	± 0.13t
Width sizing accuracy at 80% and 90% confidence	± 1.00"	± 1.29"	± 0.75"	± 1.00"	± 0.75"	± 1.00"	± 1.00"	± 1.29"
Length sizing accuracy at 80% and 90% confidence	± 0.75"	± 1.00"	± 0.25"	± 0.32"	± 0.25"	± 0.32"	± 0.25"	± 0.32"

Table 3 : Detection and sizing accuracy in girth weld or heat affected zone

	General Metal Loss	Pitting	Axial Grooving	Circumf. Grooving
Depth at POD = 90%	0.25t	0.30t	0.35t	0.25t
Depth sizing accuracy at 80% confidence	± 0.15t	± 0.15t	± 0.15t	± 0.15t
Width sizing accuracy at 80% confidence	± 1.00"	± 0.75"	± 0.75"	± 1.00"
Length sizing accuracy at 80% confidence	± 0.75"	± 0.25"	± 0.25"	± 0.25"

Table 4 : Detection and sizing accuracy for crack or crack-like defects

	Axial Crack	Circumferential Crack	Spiral Crack
Depth at POD=90% of crack with L=250mm	n.a.	0.25t	n.a.
Minimum crack opening	n.a.	0.004"	n.a.
Depth sizing accuracy at 80% confidence	n.a.	± 0.15t	n.a.
Length sizing accuracy at 80% confidence	n.a.	± 0.50"	n.a.

Table 5 : Detection and sizing accuracy for dents and ovalities

	Dent	Ovality*
Depth at POD=90%	n.a.	n.a.
Depth sizing accuracy at 80% confidence	n.a.	n.a.
Width sizing accuracy at 80% confidence	n.a.	n.a.
Length sizing accuracy at 80% confidence	n.a.	n.a.
Ovality at POD=90%	n.a.	n.a.

*Ovality = (IDmax-IDmin)/(Idmax+IDmin)

Table 6 : Location Accuracy

	Location
Axial from girth weld	± 0.10% of distance from girth weld
Axial from marker	± 0.30% of distance traveled from marker except for tool statements below; ± 12 mm of distance traveled from marker for 26" and 28" diameter tools.
Circumferential	± 10°

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4 Notes on MFL Technology

The pipe wall is magnetized in the axial direction with the help of permanent magnets and flux conducting parts. Together with the pipe wall, this builds a magnetic circuit. The capability of the pipe wall to conduct magnetic flux depends on its permeability and its cross section. If the cross section is reduced by metal loss, the flux can no longer be conducted through the steel wall. Instead, a portion of the flux will now be diverted through the ambient non-magnetic medium. This leads to an increased magnetic stray field in the vicinity of the metal loss. The magnetic stray field is measured by a Hall sensor. The Hall sensor is always positioned close to the internal surface of the pipe. The principle of operation is depicted in Figure 2.

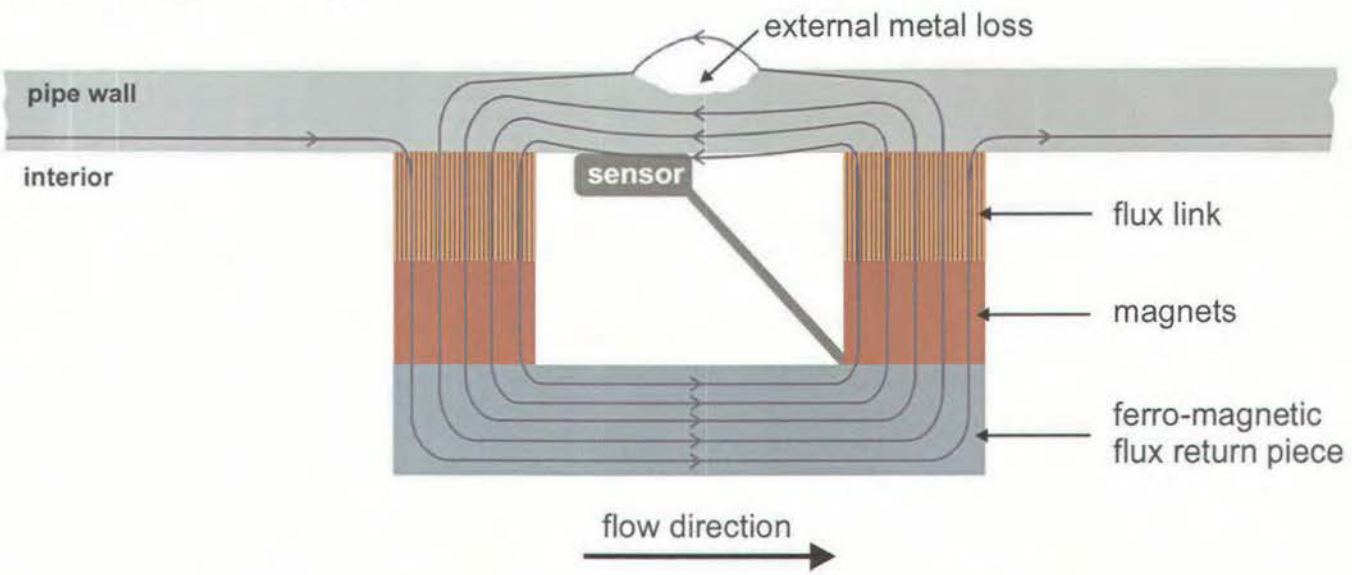

Figure 2: Measurement of the magnetic stray flux at an external metal loss

With increasing cross section, i.e. increasing depth and width of the metal loss, more flux is diverted into the ambient space. Hence, a relationship between the magnitude of the stray flux and the geometry of the anomaly can be established. Trial measurements on metal loss anomalies with known size are made in comparable pipe joints. With these measurements, a calibration model is created. Using this model the results of an inspection run can be used to calculate true flaw profiles for anomalies that the tool has detected.

Flaws may be found on the inside as well as on the outside of the pipe. For both types, a flux increase on the inside is found by the Hall sensor. Additional sensors are used to distinguish between internal and external flaws. This type of magnetic sensor is positioned outside the magnetic circuit and will measure a possible lift-off. If the sensor detects a lift-off, it is concluded that a flaw is found on the internal surface. If no lift-off is detected, although the Hall sensors in the magnetic circuit have found a stray flux, it is concluded that the flaw is external.

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5 Glossary

Anomaly:	An indication, generated by non-destructive examination of an irregularity or deviation from sound weld or base pipe material, which may or may not be an actual flaw.
Arc strike:	Localized points of surface melting caused by an electrical arc (also referred to as hot spot).
Construction feature:	Feature that arises during pipe manufacture, transport, or constructing of the pipeline, including a girth weld anomaly, arc strike, and grinding.
Corrosion:	An electrochemical reaction of the pipe wall with its environment, which causes a loss of metal.
Crack:	A planar, two-dimensional feature with displacement of the fracture surfaces.
Dent:	Distortion of the pipe wall resulting in a change of the internal diameter but not necessarily resulting in localized reduction of wall thickness.
Detection threshold:	The minimum detectable metal loss.
Feature:	An indication, generated by non-destructive examination, of an anomaly, change in nominal wall thickness, casing, reference magnet, pipeline fixture or fitting including tees, offtakes, valves, bends, anodes, buckle arrestors, external supports, ground anchors, repair shells and CP connections.
Grinding:	Reduction in wall thickness by removal of material by hand filing or power disk grinding.
Gouge:	Mechanically induced metal loss, which causes localized elongated grooves or cavities.
Heat affected zone:	The area around a weld where the metallurgy of the metal is altered by the rise in temperature caused by the welding process. For the purpose of this specification it is considered to be within 3A of the center line of the weld, where "A" is the geometrical parameter related to the wall thickness.
Intelligent pig:	A pig that can perform a non-destructive examination.
Metal loss feature:	An area of pipe wall with a measurable reduction in thickness.
Mid-wall feature:	Any feature which does not run out to either the internal or external surface.
Measurement threshold:	The depth of metal loss or remaining wall thickness from which the width "W" and length "L" of the anomaly are measured.
Nominal wall thickness:	The wall thickness required by the specification for the manufacture of the pipe.
Pig:	A device which is driven through a pipeline by the flow of fluid, for performing various internal activities (depending on the pig type) such as separating fluids, cleaning or inspecting the pipeline.
Pig Trap:	An ancillary item of pipeline equipment, with associated pipework and valves, for introducing a pig into a pipeline or removing a pig from a pipeline.

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Pipeline:	A system of pipes and other components used for the transportation of fluids between (but excluding) plants. A pipeline extends from pig trap to pig trap (including the pig traps), or, if no pig trap is fitted, to the first isolation valve within the plant boundaries or a more inward valve if so nominated.
Pipe mill feature:	A feature that arises during manufacture of the pipe, for instance a lap, sliver, lamination, non-metallic inclusion, roll-mark, or seam weld anomaly.
Probability of Detection:	The probability of a feature being detected by the intelligent pig.
Probability of Identification:	The probability that a feature will be detected and correctly classified by the intelligent pig.
Reference wall thickness:	The actual undiminished wall thickness surrounding a feature.
Reporting threshold:	A parameter, which defines whether a metal loss feature will be reported. The parameter may be a limiting value on the depth of metal loss or it may be a function of depth, width, and length of a metal loss feature.
Sizing accuracy:	The interval within which a fixed percentage of all metal loss features will be sized. This fixed percentage is stated as the confidence level.
Spalling:	Abrasion of the pipe surface resulting in shallow surface laps and possibly hardening of the material below.
Weld feature:	Feature in the body or the heat-affected zone of a weld.

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6 Installing LinaView 8.2

IMPORTANT:

- Administrative privileges are required to install LinaView 8.2.
- LinaView 7.1.2 and later will only operate on Windows XP, Windows Vista, and Windows 7. 32- and 64-bit versions of these systems are supported.
- If a previous version of LinaView (or TruView) has been installed, it must first be uninstalled before the current version may be installed.
- A NEW Site Key must be obtained to use this version of LinaView.

Remove the Current Version

1) From the Start menu, select Control Panel.
   a) For Windows XP
      i) Double click on Add/Remove programs.
      ii) Click on the LinaView Client (TruView Client) name and then Add/Remove (on Windows XP this button is called Change/Remove).
      iii) Select the option to remove the program.
      iv) If you are uninstalling a version of TruView (pre-version 6.0.4) you must use your Windows Explorer to delete the TruView directory and all of its files (normally this will be C:\Program Files\TruView).
   b) For Windows Vista and Windows 7
      i) Click on the Programs and Features item.
      ii) Click on the LinaView Client name and then click the Uninstall/Change button at the top of the list.
- Note that during the initial phase of the uninstall, a dialog box will appear indicating that you need to restart your computer, or that the registration entry has been deleted. In either case, this dialog will appear BEHIND the installation dialog, but you MUST bring it to the foreground and click the OK button before the uninstall will complete.

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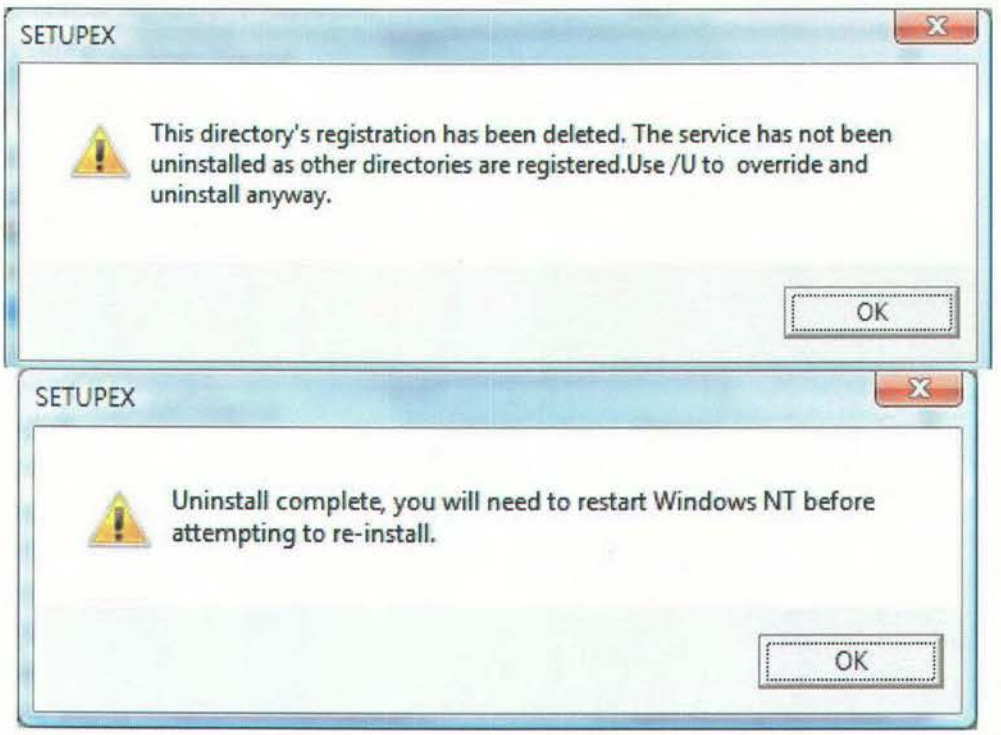

2) If you are uninstalling a LinaView version (6.0.4 or later) DO NOT delete the LinaView directory.

3) If there is a file named gpdtemp.ini in the LinaView directory, delete it.

4) Reboot your computer before continuing.

Install LinaView 8.2 from CD

1) If you have not already done so, reboot your computer.

2) Insert the LinaView CD into the CD ROM drive.

   a) Manually start the installation:

      i) From the Start menu select Run

      ii) Browse to your CD ROM drive and click on the LinaViewClient.exe file (for 64-bit systems, this file is named LinaViewClient(x64).exe).

      iii) Click OK.

3) Follow the on-screen instructions to complete the installation of LinaView 8.2.

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Install LinaView 8.2 from a Local Disk or Network Location

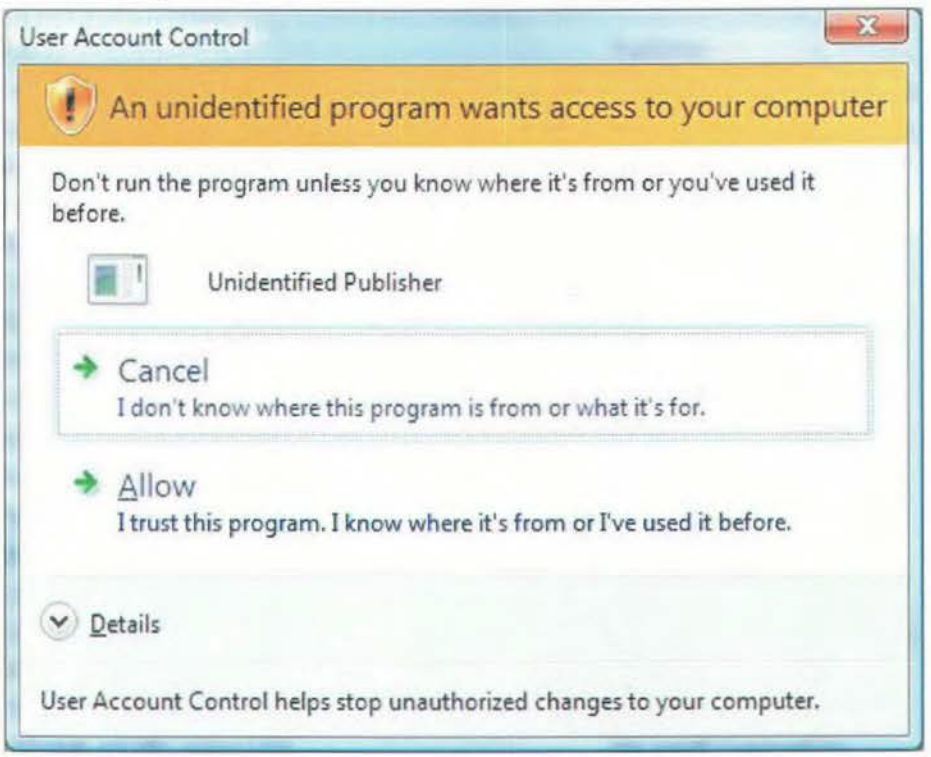
i) From the Start menu, choose Run.

   a. Browse to the directory containing the LinaView installation package and click on the LinaViewClient.exe file (for 64-bit systems this file is named LinaViewClient(x64).exe).

   b. Click OK.

      i.) If you are installing on Windows Vista or Windows 7, the User Account Control (UAC) will appear indicating that an unknown program is trying to access your computer. You must allow this in order to install LinaView.

      ii.) If you are logged on to an administrator account, you simply press the Allow button. If you are not logged on to an administrator account, you must also supply the administrator password.



During the installation of LinaView, you may receive an error message indicating that some items could not be installed because they are protected files. You may safely ignore this error message and continue the installation; there will be no adverse effects from this action.

The first time you run Presentation or AnalysisPlot, the main screen will appear, and then a dialog will show, indicating that the program has not been authorized.

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Your company is issued one Site Key for Presentation, which allows use of the program. If your company has not yet received a Site Key, you must choose the License->Register menu item to obtain a Site Code. It is not possible to issue a Site Key without this Code.

E-mail this Site Code to one of the individuals listed below to obtain a Site Key. The subject of the message should be "Site Key request." Please include your name, your company name, the company address, and the version of LinaView, which can be found in the About Box in the Help menu.

The best way to provide the Site Code is to highlight the Site Code displayed in the authorization box, copy it (with Ctrl + C), and paste the code into your message body.

You may close the program at this point until you receive the Site Key from NDT.

- For US – Andrew Morgan (andrew.morgan@ndt-global.com)
- For Canada – David Goldingay (david.goldingay@ndt-global.com)
- For Europe – Simon Stuart (simon.stuart@ndt-global.com)
- For South America – Eduardo Angio (eduardo.angio@ndt-global.com)

Now you must restart the program and select the License-Register menu to enter the Site Key you were given. The Site Key you receive will allow the software to be used to view data files. This Site Key may be transferred among users within your company at your company location only. See the user manual for details on transferring a license between users.

WARNING: If you use Norton Utilities SpeedDisk for defragmenting your hard drive, you must configure SpeedDisk so that it will not move specific files. If these files are moved (or if you simply move LinaView to a different directory), the program will no longer recognize the Site Key and a new key must be issued.

To prevent this, configure Norton SpeedDisk so that it will not move the following files:

*.ent
*.rst
*.key

If you allow these files to be moved, even though they are still in the LinaView directory, the authentication key will be invalidated.

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