



PHOENIX

TECHNOLOGY SERVICES USA INC.

Celebrating 20 Years of Focused Solutions

3610 Elkins Road, Midland, Texas 79705 T. 432.684.0057 F. 432.686.7964 www.phxtech.com

April 10, 2018

Oil Conservation Division
State of New Mexico
1625 N. French Drive
District 1 - Hobbs
Hobbs, New Mexico 88240

HOBBS OCD
APR 16 2018
RECEIVED

Attention: Regulatory Department

Re: XTO Energy
Arrowhead Grayburg Unit 234
Lea County, New Mexico
API #30-025-31610
Job No. 62637

Enclosed please find the Survey Data Certification, and the original Plat and one copy of the Survey Report performed on the above referenced well by Phoenix Technology Services, Inc. (P-5 No. 664171). Other information required by your office is as follows:

Name & Title of Surveyor	Drain Hole Number	Surveyed Depths		Dates Performed		Type of Survey
		From	To	Start	End	
Andy Askew	234	0	3,600	4/9/18	4/9/18	Gyro

A certified plat on which the bottom hole location is oriented both to the surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.

Best Regards,

Brittany Carley

Brittany Carley
Operations Administrator

SURVEY CERTIFICATION FORM

3610 Elkins Road Midland, TX 79705 t:432-684-0057 f: 432-686-7964



PHOENIX
TECHNOLOGY SERVICES

Company: XTO

Job #: 62637

Well Name: Arrowhead Grayburg Unit 234

County/State: Lea/ NM

Survey Instrument Type: North Seek Rate Gyro

API # 30-025-31610

TIE-IN DATA

Measure Depth (ft)	Vertical Depth (ft)	Inclination (°)	Azimuth (°)	N-S Coordinates	E-W Coordinates	Data Source
0	0	0	0	0	0	Surface

First Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-04-09	0	0	0

Last Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
2018-04-09	3600	0.7	26.42

Projected TD Survey

Date	Depth (ft)	Inclination (°)	Azimuth (°)
0	0	0	0

Grid Correction
-0.6

Gyro Operator: Phoenix Technology Services USA Ltd.

Gyro Supervisor: Angel Guebara

To the best of my knowledge I certify this survey data to be correct and true

Date:

4/9/18

Print Name: Andy Askew

Signature:

[Signature]



Company: XTO
 Well: Arrowhead Grayburg Unit 234
 Location: Lea Co., NM
 Rig: Pulling Unit

Job Number: 62637
 Grid Corr.: -0.60
 Lat: 32.38
 Long: -103.20

Date: 04-09-18
 Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
Enter Tie-In Survey on Line 10					FIELD COPY, NON-DEFINITIVE								
TIE IN	0			0	0	0	0	0					
Gyro	100.00	0.35	154.08	100	100.00	-0.27	0.27 S	0.13 E	0.31	154.08	0.35	0.35	154.08
	125.00	0.38	160.77	25	125.00	-0.42	0.42 S	0.19 E	0.46	155.27	0.21	0.12	26.76
	150.00	0.41	155.53	25	150.00	-0.58	0.58 S	0.26 E	0.64	156.02	0.19	0.12	-20.96
	175.00	0.39	164.54	25	175.00	-0.74	0.74 S	0.32 E	0.81	156.86	0.26	-0.08	36.04
	200.00	0.33	160.32	25	200.00	-0.89	0.89 S	0.37 E	0.97	157.79	0.26	-0.24	-16.88
	225.00	0.42	169.61	25	225.00	-1.05	1.05 S	0.41 E	1.13	158.91	0.43	0.36	37.16
	250.00	0.41	171.48	25	250.00	-1.23	1.23 S	0.44 E	1.31	160.51	0.07	-0.04	7.48
	275.00	0.41	173.64	25	275.00	-1.41	1.41 S	0.46 E	1.48	161.95	0.06	0.00	8.64
	300.00	0.41	175.88	25	299.99	-1.59	1.59 S	0.48 E	1.66	163.32	0.06	0.00	8.96
	325.00	0.42	185.69	25	324.99	-1.77	1.77 S	0.47 E	1.83	165.03	0.29	0.04	39.24
	350.00	0.48	180.40	25	349.99	-1.96	1.96 S	0.46 E	2.02	166.73	0.29	0.24	-21.16
	375.00	0.45	181.77	25	374.99	-2.17	2.17 S	0.46 E	2.21	168.03	0.13	-0.12	5.48
	400.00	0.47	188.94	25	399.99	-2.37	2.37 S	0.44 E	2.41	169.46	0.24	0.08	28.68
	425.00	0.50	190.10	25	424.99	-2.57	2.57 S	0.40 E	2.61	171.06	0.13	0.12	4.64
	450.00	0.51	190.73	25	449.99	-2.79	2.79 S	0.37 E	2.81	172.55	0.05	0.04	2.52
	475.00	0.50	195.73	25	474.99	-3.00	3.00 S	0.31 E	3.02	174.02	0.18	-0.04	20.00
	500.00	0.54	189.48	25	499.99	-3.23	3.23 S	0.27 E	3.24	175.29	0.28	0.16	-25.00
	525.00	0.57	189.09	25	524.99	-3.46	3.46 S	0.23 E	3.47	176.25	0.12	0.12	-1.56
	550.00	0.56	181.89	25	549.99	-3.71	3.71 S	0.20 E	3.72	176.87	0.29	-0.04	-28.80
	575.00	0.55	179.24	25	574.98	-3.95	3.95 S	0.20 E	3.96	177.09	0.11	-0.04	-10.60
	600.00	0.51	175.76	25	599.98	-4.18	4.18 S	0.21 E	4.19	177.12	0.21	-0.16	-13.92
	625.00	0.55	180.97	25	624.98	-4.41	4.41 S	0.22 E	4.42	177.19	0.25	0.16	20.84
	650.00	0.56	184.87	25	649.98	-4.66	4.66 S	0.20 E	4.66	177.49	0.16	0.04	15.60
	675.00	0.57	186.70	25	674.98	-4.90	4.90 S	0.18 E	4.90	177.90	0.08	0.04	7.32
	700.00	0.67	198.99	25	699.98	-5.16	5.16 S	0.12 E	5.16	178.70	0.66	0.40	49.16
	725.00	0.71	210.04	25	724.98	-5.43	5.43 S	0.01 W	5.43	180.08	0.55	0.16	44.20
	750.00	0.73	208.88	25	749.97	-5.71	5.71 S	0.16 W	5.71	181.63	0.10	0.08	-4.64



Company: XTO
 Well: Arrowhead Grayburg Unit 234
 Location: Lea Co., NM
 Rig: Pulling Unit

Job Number: 62637
 Grid Corr.: -0.60
 Lat: 32.38
 Long: -103.20

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	775.00	0.76	210.49	25	774.97	-5.99	5.99 S	0.32 W	6.00	183.09	0.15	0.12	6.44
	800.00	0.79	213.49	25	799.97	-6.28	6.28 S	0.50 W	6.30	184.58	0.20	0.12	12.00
	825.00	0.78	213.69	25	824.97	-6.56	6.56 S	0.69 W	6.60	186.02	0.04	-0.04	0.80
	850.00	0.78	216.06	25	849.97	-6.84	6.84 S	0.89 W	6.90	187.38	0.13	0.00	9.48
	875.00	0.79	215.88	25	874.96	-7.12	7.12 S	1.09 W	7.20	188.69	0.04	0.04	-0.72
	900.00	0.81	216.72	25	899.96	-7.40	7.40 S	1.29 W	7.51	189.92	0.09	0.08	3.36
	925.00	0.82	229.80	25	924.96	-7.66	7.66 S	1.54 W	7.81	191.35	0.74	0.04	52.32
	950.00	0.90	243.03	25	949.96	-7.86	7.86 S	1.85 W	8.08	193.23	0.85	0.32	52.92
	975.00	0.94	261.59	25	974.95	-7.98	7.98 S	2.23 W	8.29	195.59	1.20	0.16	74.24
	1000.00	0.95	261.39	25	999.95	-8.04	8.04 S	2.63 W	8.46	198.13	0.04	0.04	-0.80
	1025.00	0.93	263.00	25	1024.95	-8.10	8.10 S	3.04 W	8.65	200.58	0.13	-0.08	6.44
	1050.00	1.00	270.05	25	1049.94	-8.12	8.12 S	3.46 W	8.83	203.07	0.55	0.28	28.20
	1075.00	0.95	271.25	25	1074.94	-8.12	8.12 S	3.89 W	9.00	205.58	0.22	-0.20	4.80
	1100.00	1.02	270.11	25	1099.93	-8.11	8.11 S	4.31 W	9.19	208.01	0.29	0.28	-4.56
	1125.00	1.02	271.09	25	1124.93	-8.11	8.11 S	4.76 W	9.40	210.42	0.07	0.00	3.92
	1150.00	1.02	271.69	25	1149.93	-8.10	8.10 S	5.20 W	9.63	212.73	0.04	0.00	2.40
	1175.00	0.99	272.93	25	1174.92	-8.08	8.08 S	5.64 W	9.85	214.93	0.15	-0.12	4.96
	1200.00	0.95	275.92	25	1199.92	-8.05	8.05 S	6.06 W	10.08	217.00	0.26	-0.16	11.96
	1225.00	0.87	279.38	25	1224.92	-7.99	7.99 S	6.46 W	10.28	218.93	0.39	-0.32	13.84
	1250.00	0.81	282.83	25	1249.91	-7.92	7.92 S	6.82 W	10.45	220.71	0.31	-0.24	13.80
	1275.00	0.83	283.95	25	1274.91	-7.84	7.84 S	7.17 W	10.62	222.42	0.10	0.08	4.48
	1300.00	0.82	286.22	25	1299.91	-7.75	7.75 S	7.51 W	10.79	224.12	0.14	-0.04	9.08
	1325.00	0.82	297.19	25	1324.91	-7.62	7.62 S	7.84 W	10.93	225.84	0.63	0.00	43.88
	1350.00	0.79	296.53	25	1349.90	-7.46	7.46 S	8.16 W	11.05	227.57	0.13	-0.12	-2.64
	1375.00	0.80	296.65	25	1374.90	-7.30	7.30 S	8.47 W	11.18	229.23	0.04	0.04	0.48
	1400.00	0.83	298.23	25	1399.90	-7.14	7.14 S	8.78 W	11.32	230.90	0.15	0.12	6.32
	1425.00	0.84	296.64	25	1424.90	-6.97	6.97 S	9.11 W	11.47	232.57	0.10	0.04	-6.36
	1450.00	0.86	302.52	25	1449.89	-6.79	6.79 S	9.43 W	11.62	234.25	0.36	0.08	23.52
	1475.00	0.82	301.38	25	1474.89	-6.59	6.59 S	9.74 W	11.76	235.90	0.17	-0.16	-4.56
	1500.00	0.86	302.33	25	1499.89	-6.40	6.40 S	10.05 W	11.92	237.51	0.17	0.16	3.80



Company: XTO
 Well: Arrowhead Grayburg Unit 234
 Location: Lea Co., NM
 Rig: Pulling Unit

Job Number: 62637
 Grid Corr.: -0.60
 Lat: 32.38
 Long: -103.20

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	1525.00	0.90	304.31	25	1524.88	-6.19	6.19 S	10.37 W	12.08	239.17	0.20	0.16	7.92
	1550.00	0.93	302.74	25	1549.88	-5.97	5.97 S	10.70 W	12.26	240.86	0.16	0.12	-6.28
	1575.00	0.95	299.49	25	1574.88	-5.76	5.76 S	11.06 W	12.46	242.49	0.23	0.08	-13.00
	1600.00	0.99	298.24	25	1599.87	-5.55	5.55 S	11.43 W	12.70	244.08	0.18	0.16	-5.00
	1625.00	0.99	295.05	25	1624.87	-5.36	5.36 S	11.81 W	12.97	245.60	0.22	0.00	-12.76
	1650.00	0.91	292.69	25	1649.87	-5.19	5.19 S	12.19 W	13.25	246.93	0.36	-0.32	-9.44
	1675.00	0.82	292.50	25	1674.86	-5.05	5.05 S	12.54 W	13.52	248.08	0.36	-0.36	-0.76
	1700.00	0.78	298.84	25	1699.86	-4.90	4.90 S	12.85 W	13.75	249.15	0.39	-0.16	25.36
	1725.00	0.86	301.81	25	1724.86	-4.71	4.71 S	13.16 W	13.98	250.29	0.36	0.32	11.88
	1750.00	0.72	313.16	25	1749.86	-4.51	4.51 S	13.44 W	14.17	251.45	0.84	-0.56	45.40
	1775.00	0.72	312.68	25	1774.85	-4.29	4.29 S	13.67 W	14.32	252.56	0.02	0.00	-1.92
	1800.00	0.78	320.43	25	1799.85	-4.06	4.06 S	13.89 W	14.47	253.72	0.47	0.24	31.00
	1825.00	0.85	318.55	25	1824.85	-3.79	3.79 S	14.12 W	14.62	254.99	0.30	0.28	-7.52
	1850.00	0.87	319.50	25	1849.85	-3.50	3.50 S	14.37 W	14.79	256.30	0.10	0.08	3.80
	1875.00	0.91	320.54	25	1874.84	-3.21	3.21 S	14.62 W	14.96	257.63	0.17	0.16	4.16
	1900.00	0.95	320.84	25	1899.84	-2.89	2.89 S	14.87 W	15.15	259.00	0.16	0.16	1.20
	1925.00	1.01	318.52	25	1924.84	-2.57	2.57 S	15.15 W	15.37	260.39	0.29	0.24	-9.28
	1950.00	0.94	324.69	25	1949.83	-2.23	2.23 S	15.41 W	15.58	261.76	0.50	-0.28	24.68
	1975.00	1.00	323.02	25	1974.83	-1.89	1.89 S	15.66 W	15.78	263.11	0.27	0.24	-6.68
	2000.00	0.96	330.02	25	1999.83	-1.54	1.54 S	15.90 W	15.97	264.48	0.50	-0.16	28.00
	2025.00	0.89	334.22	25	2024.82	-1.18	1.18 S	16.09 W	16.13	265.81	0.39	-0.28	16.80
	2050.00	0.88	340.06	25	2049.82	-0.82	0.82 S	16.24 W	16.26	267.09	0.36	-0.04	23.36
	2075.00	0.92	345.59	25	2074.82	-0.45	0.45 S	16.35 W	16.36	268.43	0.38	0.16	22.12
	2100.00	0.93	354.07	25	2099.81	-0.05	0.05 S	16.43 W	16.43	269.81	0.55	0.04	33.92
	2125.00	1.06	359.69	25	2124.81	0.38	0.38 N	16.45 W	16.45	271.32	0.65	0.52	22.48
	2150.00	1.16	0.44	25	2149.81	0.86	0.86 N	16.45 W	16.47	273.01	0.40	0.40	-1437.00
	2175.00	1.24	1.56	25	2174.80	1.39	1.39 N	16.44 W	16.50	274.82	0.33	0.32	4.48
	2200.00	1.29	4.77	25	2199.79	1.94	1.94 N	16.41 W	16.52	276.74	0.35	0.20	12.84
	2225.00	1.31	358.14	25	2224.79	2.50	2.50 N	16.39 W	16.58	278.69	0.61	0.08	1413.48
	2250.00	1.36	3.39	25	2249.78	3.09	3.09 N	16.38 W	16.67	280.67	0.53	0.20	-1419.00



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 Rig: Pulling Unit

Job Number: 62637
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Calculation Method: Minimum Curvature
 Proposed Azimuth: Ground
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	2275.00	1.26	1.77	25	2274.77	3.66	3.66 N	16.36 W	16.76	282.60	0.43	-0.40	-6.48
	2300.00	1.31	5.59	25	2299.77	4.22	4.22 N	16.32 W	16.86	284.48	0.40	0.20	15.28
	2325.00	1.26	3.86	25	2324.76	4.77	4.77 N	16.28 W	16.96	286.35	0.25	-0.20	-6.92
	2350.00	1.28	8.35	25	2349.76	5.33	5.33 N	16.22 W	17.07	288.18	0.41	0.08	17.96
	2375.00	1.24	12.05	25	2374.75	5.87	5.87 N	16.12 W	17.15	290.00	0.36	-0.16	14.80
	2400.00	1.31	13.97	25	2399.74	6.41	6.41 N	15.99 W	17.23	291.83	0.33	0.28	7.68
	2425.00	1.39	13.81	25	2424.74	6.98	6.98 N	15.85 W	17.32	293.76	0.32	0.32	-0.64
	2450.00	1.39	15.97	25	2449.73	7.57	7.57 N	15.70 W	17.43	295.73	0.21	0.00	8.64
	2475.00	1.41	13.54	25	2474.72	8.16	8.16 N	15.54 W	17.55	297.69	0.25	0.08	-9.72
	2500.00	1.35	14.29	25	2499.71	8.74	8.74 N	15.40 W	17.71	299.58	0.25	-0.24	3.00
	2525.00	1.24	18.94	25	2524.71	9.28	9.28 N	15.24 W	17.84	301.35	0.61	-0.44	18.60
	2550.00	1.26	21.44	25	2549.70	9.79	9.79 N	15.05 W	17.95	303.06	0.23	0.08	10.00
	2575.00	1.21	20.73	25	2574.70	10.30	10.30 N	14.85 W	18.07	304.73	0.21	-0.20	-2.84
	2600.00	1.22	24.76	25	2599.69	10.78	10.78 N	14.65 W	18.19	306.36	0.34	0.04	16.12
	2625.00	1.26	22.87	25	2624.68	11.28	11.28 N	14.43 W	18.32	308.01	0.23	0.16	-7.56
	2650.00	1.31	23.69	25	2649.68	11.79	11.79 N	14.21 W	18.47	309.69	0.21	0.20	3.28
	2675.00	1.29	23.83	25	2674.67	12.31	12.31 N	13.98 W	18.63	311.37	0.08	-0.08	0.56
	2700.00	1.24	23.91	25	2699.67	12.82	12.82 N	13.76 W	18.80	312.98	0.20	-0.20	0.32
	2725.00	1.17	23.80	25	2724.66	13.30	13.30 N	13.55 W	18.98	314.48	0.28	-0.28	-0.44
	2750.00	1.16	25.87	25	2749.65	13.76	13.76 N	13.33 W	19.16	315.91	0.17	-0.04	8.28
	2775.00	1.01	33.00	25	2774.65	14.17	14.17 N	13.10 W	19.30	317.25	0.81	-0.60	28.52
	2800.00	1.07	31.61	25	2799.65	14.56	14.56 N	12.86 W	19.42	318.54	0.26	0.24	-5.56
	2825.00	1.21	34.90	25	2824.64	14.97	14.97 N	12.59 W	19.56	319.95	0.62	0.56	13.16
	2850.00	1.17	27.42	25	2849.64	15.42	15.42 N	12.32 W	19.73	321.37	0.64	-0.16	-29.92
	2875.00	1.17	22.76	25	2874.63	15.88	15.88 N	12.10 W	19.96	322.69	0.38	0.00	-18.64
	2900.00	1.14	17.35	25	2899.63	16.35	16.35 N	11.93 W	20.24	323.89	0.45	-0.12	-21.64
	2925.00	0.99	17.62	25	2924.62	16.79	16.79 N	11.79 W	20.52	324.93	0.60	-0.60	1.08
	2950.00	0.89	16.67	25	2949.62	17.18	17.18 N	11.67 W	20.77	325.83	0.40	-0.40	-3.80
	2975.00	0.83	26.48	25	2974.62	17.53	17.53 N	11.53 W	20.98	326.67	0.63	-0.24	39.24
	3000.00	0.88	31.64	25	2999.61	17.86	17.86 N	11.35 W	21.16	327.56	0.37	0.20	20.64



Company: XTO
 Well: Arrowhead Grayburg Unit 234
 Location: Lea Co., NM
 Rig: Pulling Unit

Job Number: 62637
 Grid Corr.: -0.60
 Lat: 32.38
 Long: -103.20

Calculation Method: Minimum Curvature
 Proposed Azimuth:
 RKB - MSL in feet: Ground
 Tie Into: Surface

Survey Tool Type	Survey Depth (ft)	Inclination (deg)	Azimuth (deg)	Course Length (ft)	True Vertical Depth (ft)	Vertical Section (ft)	Coordinates		Closure		Dogleg Severity (d/100')	Build Rate (d/100')	Walk Rate (d/100')
							N/S (ft)	E/W (ft)	Distance (ft)	Angle (deg)			
	3025.00	0.97	36.89	25	3024.61	18.19	18.19 N	11.12 W	21.32	328.56	0.49	0.36	21.00
	3050.00	1.01	31.69	25	3049.61	18.55	18.55 N	10.88 W	21.50	329.61	0.39	0.16	-20.80
	3075.00	1.05	25.11	25	3074.60	18.94	18.94 N	10.67 W	21.74	330.62	0.50	0.16	-26.32
	3100.00	1.13	19.55	25	3099.60	19.38	19.38 N	10.49 W	22.04	331.59	0.53	0.32	-22.24
	3125.00	1.00	15.37	25	3124.59	19.83	19.83 N	10.35 W	22.36	332.44	0.61	-0.52	-16.72
	3150.00	0.98	8.06	25	3149.59	20.25	20.25 N	10.26 W	22.70	333.13	0.51	-0.08	-29.24
	3175.00	0.84	5.77	25	3174.59	20.64	20.64 N	10.21 W	23.03	333.68	0.58	-0.56	-9.16
	3200.00	0.75	7.11	25	3199.58	20.99	20.99 N	10.17 W	23.32	334.14	0.37	-0.36	5.36
	3225.00	0.65	17.63	25	3224.58	21.28	21.28 N	10.11 W	23.56	334.60	0.65	-0.40	42.08
	3250.00	0.74	18.25	25	3249.58	21.57	21.57 N	10.01 W	23.78	335.10	0.36	0.36	2.48
	3275.00	0.81	14.87	25	3274.58	21.90	21.90 N	9.92 W	24.04	335.63	0.33	0.28	-13.52
	3300.00	0.87	8.11	25	3299.57	22.25	22.25 N	9.85 W	24.34	336.13	0.46	0.24	-27.04
	3325.00	0.88	5.61	25	3324.57	22.63	22.63 N	9.80 W	24.66	336.59	0.16	0.04	-10.00
	3350.00	0.86	2.40	25	3349.57	23.01	23.01 N	9.77 W	25.00	336.99	0.21	-0.08	-12.84
	3375.00	0.78	0.18	25	3374.57	23.37	23.37 N	9.77 W	25.33	337.32	0.34	-0.32	-8.88
	3400.00	0.71	356.41	25	3399.56	23.69	23.69 N	9.77 W	25.63	337.58	0.34	-0.28	1424.92
	3425.00	0.69	5.11	25	3424.56	24.00	24.00 N	9.77 W	25.91	337.85	0.43	-0.08	-1405.20
	3450.00	0.70	352.29	25	3449.56	24.30	24.30 N	9.78 W	26.19	338.08	0.62	0.04	1388.72
	3475.00	0.70	12.52	25	3474.56	24.60	24.60 N	9.77 W	26.47	338.35	0.98	0.00	-1359.08
	3500.00	0.68	347.67	25	3499.56	24.89	24.89 N	9.76 W	26.74	338.58	1.19	-0.08	1340.60
	3525.00	0.55	2.47	25	3524.56	25.16	25.16 N	9.79 W	27.00	338.74	0.82	-0.52	-1380.80
	3550.00	0.56	24.68	25	3549.55	25.39	25.39 N	9.73 W	27.19	339.02	0.86	0.04	88.84
	3575.00	0.65	25.81	25	3574.55	25.63	25.63 N	9.62 W	27.38	339.42	0.36	0.36	4.52
	3600.00	0.70	26.42	25	3599.55	25.89	25.89 N	9.49 W	27.58	339.87	0.20	0.20	2.44