

Yates Petroleum Corporation

Field: Yates Belco
Site: Salt Lake Delaware
Well: Belco AIA Fed #2H
Wellpath: OH
Plan: Plan #3 1-5-07

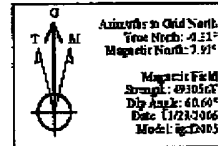
PATHFINDER

SITE DETAILS

Salt Lake Delaware
 Ground Level: 3532.80
 Positional Uncertainty: 0.00
 Convergence: 0.31

WELLPATH DETAILS

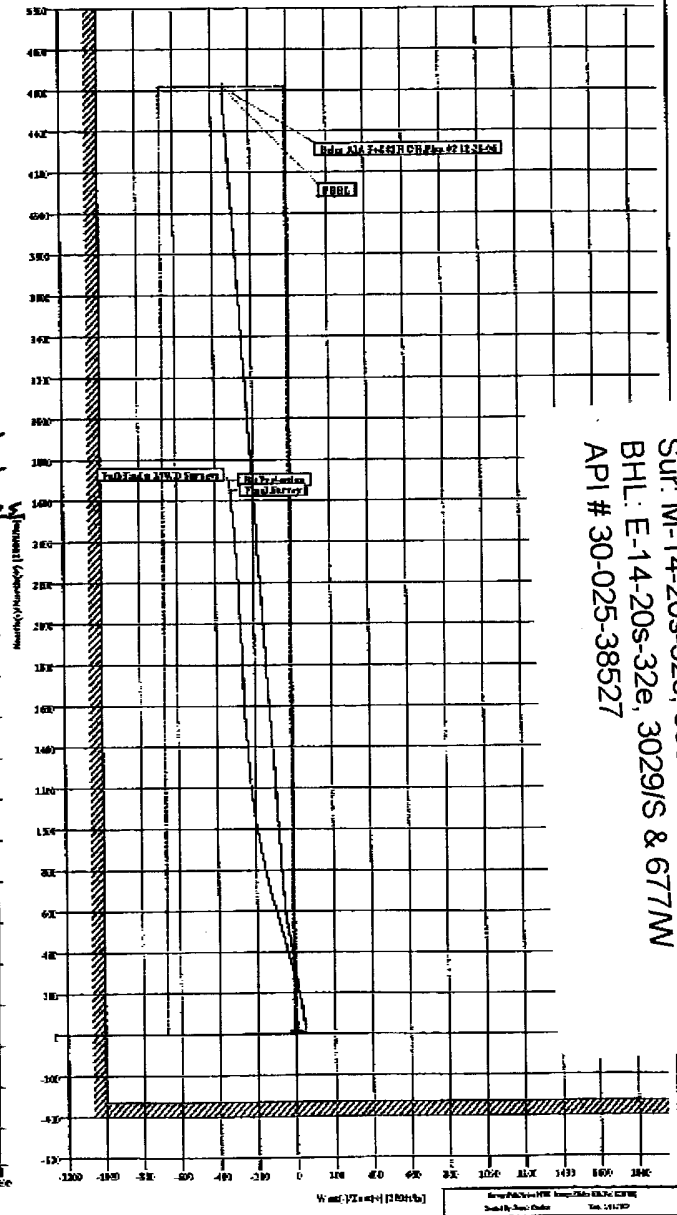
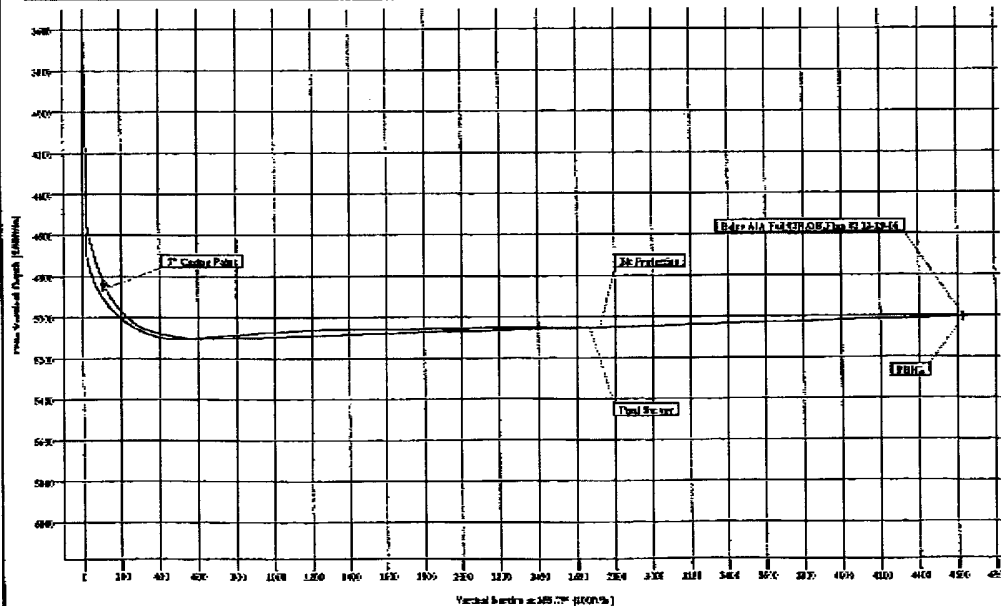
OH
 Rig: SITE 3532.000
 Ref. Datum: SITE 3532.000
 V-Sector: Origin 0.00
 Angle: 0.01
 From TVD: 0.00



Survey: PathFinder MWD Surveys (Belco AIA Fed #2H OH)

No	MD	In:	Az	TVD	+N-S	+E-W	DLg	TFace	VLoc
88	7217.60	96.31	355.68	3031.80	2916.63	-298.09	2.61	-111.78	2195.81
89	7218.00	96.57	355.68	3031.39	2911.54	-294.43	0.98	0.00	2416.81
90	7319.60	99.66	355.07	3031.21	2941.46	-198.22	1.99	-61.60	2457.81
91	7351.60	99.84	358.80	3031.80	2974.33	-201.72	1.01	-54.21	2489.81
92	7383.60	99.00	358.80	3031.80	2986.29	-204.63	1.23	88.10	2521.80
93	7414.60	98.71	358.54	3031.42	2977.06	-203.31	1.21	-154.89	2553.79
94	7446.00	98.96	358.43	3031.99	2968.98	-198.35	1.13	14.82	2584.78
95	7477.60	98.34	358.36	3034.40	2999.71	-113.31	1.05	-56.31	2615.76
96	7509.00	98.64	354.54	3034.91	2953.61	-116.61	2.26	163.58	2647.75
97	7513.00	98.64	354.45	3035.44	2951.31	-118.35	0.85	-90.60	2677.74
98	7517.00	98.64	354.45	3036.31	2999.21	-123.18	0.09	0.00	2715.71

Final BHL:
 2250.73' FWL
 676.82' FWL
 514 T 20S R32E



Sur: M-14-20s-32e, 330/S & 1000NW
 BHL: E-14-20s-32e, 3029/S & 677NW
 API # 30-025-38527

Pathfinder Energy

Survey Report - Geographic

Company: Yates Petroleum Corporation Field: Yates Belco Site: Salt Lake Delaware Well: Belco AIA Fed #2H Wellpath: OH		Date: 1/16/2007 Co-ordinate(NE) Reference: Well: Belco AIA Fed #2H, Grid North Vertical (TVD) Reference: SITE 3532.0 Section (VS) Reference: Well (0.00N,0.00E,355.79Azi) Survey Calculation Method: Minimum Curvature Db: Sybase		Time: 09:12:18 Page: 1															
Field: Yates Belco Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level		Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: igrf2005																	
Site: Salt Lake Delaware <table style="width: 100%;"> <tr> <td>Site Position:</td> <td>Northings:</td> <td>ft</td> <td>Latitude:</td> </tr> <tr> <td>From: Lease Line</td> <td>Easting:</td> <td>ft</td> <td>Longitude:</td> </tr> <tr> <td>Position Uncertainty: 0.00 ft</td> <td></td> <td></td> <td>North Reference: Grid</td> </tr> <tr> <td>Ground Level: 3532.00 ft</td> <td></td> <td></td> <td>Grid Convergence: 0.32 deg</td> </tr> </table>				Site Position:	Northings:	ft	Latitude:	From: Lease Line	Easting:	ft	Longitude:	Position Uncertainty: 0.00 ft			North Reference: Grid	Ground Level: 3532.00 ft			Grid Convergence: 0.32 deg
Site Position:	Northings:	ft	Latitude:																
From: Lease Line	Easting:	ft	Longitude:																
Position Uncertainty: 0.00 ft			North Reference: Grid																
Ground Level: 3532.00 ft			Grid Convergence: 0.32 deg																
Well: Belco AIA Fed #2H Well Position: +N-S 0.00 ft Northings: 570451.44 ft +E-W 0.00 ft Easting: 723441.46 ft Position Uncertainty: 0.00 ft		Slot Name: Latitude: 32 34 0.600 N Longitude: 103 44 32.000 W																	
Wellpath: OH Current Datum: SITE Magnetic Data: 11/29/2006 Field Strength: 49305 nT Vertical Section: Depth From (TVD) ft 0.00		Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.22 deg Mag Dip Angle: 60.60 deg +E-W Direction deg 0.00 0.00 0.00 355.79																	
Survey: Pathfinder MWD Surveys Company: Pathfinder Energy Tool:		Start Date: 1/4/2007 Engineer: Darck Crocker Tied-to: From: Definitive Path																	
Survey: Pathfinder MWD Surveys																			
MD ft	Incl deg	Azimuth deg	TVD ft	+N-S ft	+E-W ft	Map Northings ft	Map Eastings ft	Latitude Deg Min Sec	Longitude Deg Min Sec										
4467.32	0.41	318.81	4466.74	22.16	47.47	570473.60	723488.93	32 34 0.817 N	103 44 31.444 W										
4467.32	0.41	318.81	4466.74	22.16	47.47	570473.60	723488.93	32 34 0.817 N	103 44 31.444 W										
4477.00	1.14	357.53	4478.42	22.28	47.44	570473.73	723488.90	32 34 0.818 N	103 44 31.444 W										
4509.00	3.17	357.09	4508.40	23.48	47.38	570474.93	723488.84	32 34 0.830 N	103 44 31.445 W										
4540.00	6.60	354.10	4539.28	26.11	47.16	570477.56	723488.82	32 34 0.856 N	103 44 31.447 W										
4572.00	10.20	352.43	4570.93	30.75	46.59	570482.20	723488.05	32 34 0.902 N	103 44 31.454 W										
4603.00	13.37	352.87	4601.27	37.03	45.79	570488.47	723487.25	32 34 0.964 N	103 44 31.463 W										
4634.00	15.30	352.96	4631.31	44.65	44.84	570496.09	723486.30	32 34 1.039 N	103 44 31.473 W										
4666.00	16.09	353.49	4662.11	53.24	43.82	570504.69	723485.28	32 34 1.124 N	103 44 31.484 W										
4697.00	17.85	354.10	4691.76	62.24	42.85	570513.68	723484.30	32 34 1.213 N	103 44 31.495 W										
4729.00	19.26	354.54	4722.10	72.37	41.84	570523.81	723483.30	32 34 1.314 N	103 44 31.508 W										
4800.00	20.22	352.96	4788.93	96.20	39.22	570547.65	723480.88	32 34 1.550 N	103 44 31.535 W										
4832.00	21.46	351.55	4818.83	107.48	37.68	570558.93	723479.14	32 34 1.661 N	103 44 31.553 W										
4863.00	24.80	349.35	4847.34	119.49	35.65	570570.93	723477.11	32 34 1.780 N	103 44 31.576 W										
4897.00	29.19	347.33	4877.62	134.59	32.51	570588.03	723473.97	32 34 1.930 N	103 44 31.611 W										
4929.00	34.21	346.19	4904.84	150.95	28.65	570602.39	723470.11	32 34 2.092 N	103 44 31.655 W										
4960.00	38.34	343.73	4929.83	168.65	23.87	570620.10	723465.33	32 34 2.267 N	103 44 31.710 W										
4992.00	42.47	342.41	4954.19	188.49	17.82	570639.93	723459.28	32 34 2.464 N	103 44 31.779 W										
5024.00	46.17	343.99	4977.08	209.89	11.37	570661.33	723452.83	32 34 2.676 N	103 44 31.853 W										
5056.00	49.51	345.66	4998.56	232.78	5.17	570684.22	723446.63	32 34 2.903 N	103 44 31.924 W										
5087.00	53.73	346.72	5017.80	256.37	-0.62	570707.82	723440.84	32 34 3.137 N	103 44 31.991 W										
5119.00	58.36	348.89	5035.44	282.36	-6.71	570733.80	723434.75	32 34 3.394 N	103 44 32.060 W										
5149.00	65.69	344.43	5049.27	308.12	-13.31	570759.57	723428.15	32 34 3.650 N	103 44 32.136 W										

Pathfinder Energy

Survey Report - Geographic

Company: Yates Petroleum Corporation						Date: 1/16/2007		Time: 09:12:18		Page: 2			
Field: Yates Bolco						Co-ordinate(NE) Reference:		Well: Bolco AIA Fed #2H, Grid North					
Site: Salt Lake Delaware						Vertical (TVD) Reference:		SITE 3532.0					
Well: Bolco AIA Fed #2H						Section (VS) Reference:		Well (0.00N,0.00E,355.79Azi)					
Wellpath: OH						Survey Calculation Method:		Minimum Curvature Db: Sybase					
Survey: Pathfinder MWD Surveys													
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	Latitude Deg Min Sec			Longitude Deg Min Sec		
5180.00	72.63	343.99	5060.29	335.98	-21.19	570787.43	723420.26	32	34	3.926 N	103	44	32.226 W
5212.00	74.83	343.55	5069.26	365.48	-29.78	570816.92	723411.68	32	34	4.218 N	103	44	32.324 W
5243.00	76.85	343.47	5076.84	394.30	-38.31	570845.74	723403.15	32	34	4.504 N	103	44	32.422 W
5275.00	78.49	343.98	5083.40	424.36	-47.09	570875.80	723394.37	32	34	4.802 N	103	44	32.523 W
5307.00	80.72	344.17	5088.90	454.67	-55.73	570906.12	723385.73	32	34	5.102 N	103	44	32.622 W
5338.00	81.51	344.96	5093.69	484.20	-63.88	570935.64	723377.58	32	34	5.395 N	103	44	32.715 W
5370.00	83.27	343.47	5097.93	514.72	-72.51	570966.16	723368.95	32	34	5.697 N	103	44	32.814 W
5401.00	86.26	343.91	5100.75	544.34	-81.18	570995.79	723360.28	32	34	5.991 N	103	44	32.913 W
5433.00	91.36	343.47	5101.42	575.04	-90.16	571026.48	723351.30	32	34	6.295 N	103	44	33.016 W
5465.00	93.65	343.03	5100.02	605.66	-99.37	571057.09	723342.08	32	34	6.598 N	103	44	33.122 W
5497.00	93.83	343.64	5097.93	636.24	-108.53	571087.68	723332.93	32	34	6.902 N	103	44	33.227 W
5528.00	93.65	343.99	5095.91	665.95	-117.15	571117.39	723324.30	32	34	7.196 N	103	44	33.326 W
5560.00	94.09	344.87	5093.75	696.70	-125.72	571148.15	723315.74	32	34	7.501 N	103	44	33.424 W
5591.00	93.74	344.86	5091.63	726.56	-133.77	571178.01	723307.69	32	34	7.797 N	103	44	33.516 W
5623.00	94.00	346.28	5089.47	757.49	-141.70	571208.93	723299.76	32	34	8.103 N	103	44	33.607 W
5654.00	93.83	346.37	5087.36	787.54	-149.01	571238.98	723292.45	32	34	8.401 N	103	44	33.690 W
5686.00	94.88	347.68	5084.93	818.63	-156.18	571270.08	723285.28	32	34	8.709 N	103	44	33.772 W
5717.00	95.06	347.95	5082.24	848.82	-162.70	571300.26	723278.76	32	34	9.008 N	103	44	33.846 W
5740.00	93.91	349.62	5077.32	910.42	-174.91	571361.87	723266.55	32	34	9.618 N	103	44	33.985 W
5811.00	93.47	349.62	5075.32	940.85	-180.48	571392.30	723260.97	32	34	9.920 N	103	44	34.048 W
5843.00	92.66	349.00	5073.55	972.25	-186.41	571423.69	723255.05	32	34	10.231 N	103	44	34.115 W
5875.00	91.89	348.39	5072.23	1003.80	-192.88	571455.05	723248.78	32	34	10.541 N	103	44	34.186 W
5907.00	92.15	348.56	5071.10	1034.94	-199.07	571486.38	723242.39	32	34	10.852 N	103	44	34.259 W
5939.00	93.21	350.76	5069.60	1066.38	-204.80	571517.82	723236.65	32	34	11.163 N	103	44	34.324 W
5970.00	93.65	351.62	5067.75	1096.97	-209.49	571548.41	723231.97	32	34	11.466 N	103	44	34.377 W
6002.00	91.98	353.49	5066.18	1128.66	-213.58	571580.11	723227.88	32	34	11.780 N	103	44	34.423 W
6033.00	92.07	353.64	5065.08	1159.46	-216.99	571610.90	723224.46	32	34	12.085 N	103	44	34.480 W
6065.00	91.98	355.51	5063.95	1191.30	-219.96	571642.74	723221.50	32	34	12.400 N	103	44	34.493 W
6097.00	92.15	355.42	5062.80	1223.18	-222.49	571674.62	723218.97	32	34	12.716 N	103	44	34.521 W
6129.00	91.98	355.16	5061.64	1255.05	-225.12	571706.49	723216.34	32	34	13.031 N	103	44	34.549 W
6180.00	90.48	354.45	5060.55	1305.82	-229.73	571757.27	723211.73	32	34	13.534 N	103	44	34.600 W
6211.00	90.04	354.36	5060.41	1336.68	-232.76	571788.12	723208.70	32	34	13.839 N	103	44	34.633 W
6242.00	90.04	354.36	5060.39	1367.53	-235.80	571818.97	723205.66	32	34	14.145 N	103	44	34.667 W
6274.00	89.96	354.19	5060.39	1399.37	-238.99	571850.81	723202.46	32	34	14.460 N	103	44	34.702 W
6305.00	89.89	354.45	5060.48	1430.21	-242.06	571881.66	723199.40	32	34	14.765 N	103	44	34.736 W
6337.00	90.13	355.24	5060.53	1462.08	-244.94	571913.53	723196.52	32	34	15.081 N	103	44	34.767 W
6369.00	90.04	355.33	5060.49	1493.98	-247.57	571945.42	723193.89	32	34	15.396 N	103	44	34.796 W
6400.00	89.96	356.21	5060.49	1524.89	-249.85	571976.34	723191.60	32	34	15.702 N	103	44	34.821 W
6432.00	90.40	357.35	5060.38	1556.84	-251.65	572008.28	723189.81	32	34	16.019 N	103	44	34.840 W
6463.00	90.22	357.35	5060.22	1587.81	-253.09	572039.25	723188.37	32	34	16.325 N	103	44	34.854 W
6495.00	90.48	357.53	5060.02	1619.77	-254.51	572071.22	723186.94	32	34	16.642 N	103	44	34.869 W
6526.00	90.75	357.79	5059.69	1650.75	-255.78	572102.19	723185.68	32	34	16.948 N	103	44	34.882 W
6558.00	90.57	357.70	5059.32	1682.72	-257.04	572134.16	723184.42	32	34	17.265 N	103	44	34.894 W
6589.00	90.57	357.35	5059.01	1713.69	-258.38	572165.13	723183.08	32	34	17.571 N	103	44	34.908 W
6621.00	90.84	356.91	5058.62	1745.65	-259.98	572197.09	723181.48	32	34	17.887 N	103	44	34.925 W
6652.00	91.19	356.91	5058.07	1776.60	-261.65	572228.04	723179.51	32	34	18.194 N	103	44	34.942 W
6684.00	90.40	357.97	5057.62	1808.56	-263.08	572260.00	723178.38	32	34	18.510 N	103	44	34.957 W
6716.00	90.48	358.06	5057.38	1840.54	-264.19	572291.98	723177.27	32	34	18.827 N	103	44	34.968 W
6747.00	90.57	357.97	5057.10	1871.52	-265.26	572322.96	723176.20	32	34	19.133 N	103	44	34.978 W
6779.00	90.57	357.35	5056.78	1903.49	-266.57	572354.94	723174.89	32	34	19.450 N	103	44	34.992 W
6812.00	90.84	357.26	5056.37	1936.45	-268.12	572387.90	723173.34	32	34	19.776 N	103	44	35.008 W
6844.00	90.75	356.47	5055.93	1968.40	-269.87	572419.85	723171.59	32	34	20.092 N	103	44	35.026 W

Pathfinder Energy

Survey Report - Geographic

Company: Yates Petroleum Corporation				Date: 1/16/2007		Time: 09:12:18		Page: 3					
Field: Yates Balco				Co-ordinate(N/E) Reference:		Well: Balco AIA Fed #2H, Grid North							
Site: Salt Lake Delaware				Vertical (TVD) Reference:		SITE 3532.0							
Well: Balco AIA Fed #2H				Section (VS) Reference:		Well (0.00N,0.00E,355.79Azi)							
Wellpath: OH				Survey Calculation Method:		Minimum Curvature		Db: Sybase					
Survey: PathFinder MWD Surveys													
MD ft	Incl deg	Azim deg	TVD ft	+N-S ft	+E-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
6876.00	90.40	356.30	5055.61	2000.34	-271.89	572451.78	723169.57	32	34	20.408 N	103	44	35.047 W
6908.00	90.40	356.39	5055.38	2032.27	-273.93	572483.71	723167.53	32	34	20.724 N	103	44	35.069 W
6940.00	90.13	357.44	5055.23	2064.22	-275.65	572515.67	723165.81	32	34	21.041 N	103	44	35.087 W
6971.00	90.31	356.74	5055.12	2095.18	-277.22	572546.63	723164.24	32	34	21.347 N	103	44	35.104 W
7003.00	90.57	357.00	5054.87	2127.13	-278.97	572578.58	723162.49	32	34	21.683 N	103	44	35.122 W
7035.00	90.04	357.18	5054.70	2159.09	-280.60	572610.54	723160.86	32	34	21.980 N	103	44	35.139 W
7068.00	90.04	358.78	5054.68	2190.07	-281.69	572641.52	723159.77	32	34	22.286 N	103	44	35.150 W
7098.00	89.69	356.21	5054.75	2222.04	-283.10	572673.48	723158.38	32	34	22.603 N	103	44	35.164 W
7130.00	89.87	355.77	5054.88	2253.96	-285.34	572705.40	723156.12	32	34	22.919 N	103	44	35.188 W
7161.00	90.48	356.21	5054.78	2284.88	-287.50	572736.33	723153.96	32	34	23.225 N	103	44	35.211 W
7193.00	90.57	355.86	5054.49	2316.80	-289.72	572768.25	723151.74	32	34	23.541 N	103	44	35.235 W
7225.00	90.75	356.39	5054.12	2348.73	-291.88	572800.17	723149.58	32	34	23.857 N	103	44	35.258 W
7257.00	90.31	355.68	5053.82	2380.65	-294.09	572832.10	723147.37	32	34	24.173 N	103	44	35.282 W
7288.00	90.57	355.88	5053.59	2411.56	-296.43	572863.01	723145.03	32	34	24.479 N	103	44	35.308 W
7319.00	90.66	355.07	5053.25	2442.46	-298.93	572893.90	723142.53	32	34	24.784 N	103	44	35.335 W
7351.00	90.84	354.80	5052.83	2474.33	-301.75	572925.78	723139.71	32	34	25.100 N	103	44	35.368 W
7383.00	89.08	354.90	5052.86	2506.20	-304.85	572957.64	723136.81	32	34	25.415 N	103	44	35.397 W
7414.00	88.81	354.54	5053.43	2537.06	-307.53	572988.50	723133.93	32	34	25.721 N	103	44	35.429 W
7446.00	89.16	354.63	5053.99	2568.91	-310.55	573020.36	723130.91	32	34	26.038 N	103	44	35.462 W
7477.00	89.34	354.36	5054.40	2599.77	-313.52	573051.21	723127.94	32	34	26.342 N	103	44	35.495 W
7509.00	88.64	354.54	5054.96	2631.61	-316.62	573083.05	723124.84	32	34	26.657 N	103	44	35.529 W
7529.00	88.64	354.45	5055.44	2651.51	-318.53	573102.96	723122.92	32	34	26.854 N	103	44	35.550 W
7577.00	88.64	354.45	5056.58	2699.27	-323.18	573150.72	723118.28	32	34	27.327 N	103	44	35.601 W