

Pathfinder

Survey Report

Page 1
 Job No: JWT-0503-0042-WTWT
 Date: 4/25/2005
 Time: 7:57 am
 Wellpath ID: nd_svy
 Date Created: 3/23/2005
 Last Revision: 4/21/2005

Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 27.45 deg.

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Strata Petroleum
 Nash Draw
 Nash Draw #34
 Nash Draw # 34
 ND_SVY

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure (ft) (deg.)		DLS (dg/100ft)
200.00	0.50	185.00	200.00	0.00	0.00	0.00 N	0.00 E	0.00@ 0.00	0.00	
385.00	0.64	236.00	384.99	185.00	-1.65	1.38 S	0.93W	1.66@213.85	0.27	
441.00	0.79	255.43	440.99	56.00	-2.19	1.65 S	1.56W	2.27@223.32	0.51	
472.00	0.79	251.91	471.98	31.00	-2.48	1.77 S	1.97W	2.65@227.99	0.16	
502.00	0.70	241.98	501.98	30.00	-2.78	1.92 S	2.33W	3.02@230.43	0.52	
564.00	0.70	253.06	563.98	62.00	-3.36	2.21 S	3.02W	3.75@233.82	0.22	
626.00	0.79	235.65	625.97	62.00	-4.00	2.56 S	3.74W	4.53@235.57	0.39	
687.00	0.79	233.02	686.97	61.00	-4.75	3.05 S	4.42W	5.38@235.37	0.06	
747.00	0.79	233.98	746.96	60.00	-5.49	3.55 S	5.09W	6.20@235.12	0.02	
808.00	0.79	231.35	807.95	61.00	-6.25	4.06 S	5.76W	7.04@234.83	0.06	
871.00	1.06	225.63	870.95	63.00	-7.20	4.74 S	6.51W	8.05@233.98	0.45	
934.00	0.79	203.14	933.94	63.00	-8.19	5.54 S	7.10W	9.01@232.02	0.71	
998.00	0.18	136.25	997.94	64.00	-8.66	6.02 S	7.20W	9.39@230.11	1.15	
1061.00	0.35	71.47	1060.94	63.00	-8.56	6.03 S	6.95W	9.20@229.06	0.50	
1125.00	0.35	78.59	1124.93	64.00	-8.29	5.93 S	6.58W	8.85@227.96	0.07	
1188.00	0.26	121.13	1187.93	63.00	-8.18	5.97 S	6.26W	8.65@226.40	0.38	
1282.00	0.53	135.72	1281.93	94.00	-8.33	6.39 S	5.78W	8.61@222.14	0.30	
1378.00	0.70	151.00	1377.93	96.00	-8.80	7.22 S	5.18W	8.89@215.69	0.24	
1472.00	0.88	141.88	1471.92	94.00	-9.41	8.29 S	4.46W	9.41@208.29	0.23	
1568.00	1.14	138.62	1567.90	96.00	-10.06	9.58 S	3.37W	10.16@199.39	0.28	
1667.00	1.41	102.85	1666.88	99.00	-10.11	10.59 S	1.54W	10.71@188.25	0.83	
1728.00	1.06	99.69	1727.86	61.00	-9.75	10.86 S	0.25W	10.86@181.31	0.58	
1792.00	0.88	69.10	1791.86	64.00	-9.20	10.78 S	0.80 E	10.81@175.78	0.84	
1855.00	0.88	67.43	1854.85	63.00	-8.47	10.42 S	1.69 E	10.56@170.77	0.04	
1951.00	1.23	94.41	1950.83	96.00	-7.50	10.22 S	3.40 E	10.77@161.59	0.62	
2015.00	0.70	85.19	2014.82	64.00	-7.02	10.24 S	4.48 E	11.17@156.38	0.86	
2076.00	0.70	68.75	2075.82	61.00	-6.54	10.07 S	5.19 E	11.33@152.72	0.33	
2141.00	0.97	52.14	2140.81	65.00	-5.75	9.59 S	6.00 E	11.31@147.97	0.55	
2203.00	1.14	42.65	2202.80	62.00	-4.67	8.82 S	6.83 E	11.15@142.22	0.39	
2267.00	0.97	21.73	2266.79	64.00	-3.52	7.84 S	7.46 E	10.83@136.42	0.65	
2330.00	0.62	41.42	2329.78	63.00	-2.66	7.09 S	7.89 E	10.61@131.97	0.70	
2394.00	0.97	74.99	2393.78	64.00	-1.96	6.69 S	8.64 E	10.93@127.77	0.89	

Pathfinder Survey Report

Page 2
Date: 4/25/2005
Wellpath ID: nd_svy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
2458.00	1.49	64.62	2457.76	64.00	-0.93	6.20 S	9.91 E	11.69@	122.00	0.88
2521.00	1.14	64.44	2520.75	63.00	0.23	5.57 S	11.22 E	12.53@	116.42	0.56
2585.00	0.35	33.95	2584.74	64.00	0.93	5.14 S	11.90 E	12.96@	113.35	1.34
2649.00	0.70	91.07	2648.74	64.00	1.30	4.98 S	12.40 E	13.37@	111.89	0.92
2712.00	1.49	109.44	2711.73	63.00	1.58	5.26 S	13.56 E	14.55@	111.21	1.36
2808.00	1.41	99.25	2807.70	96.00	2.12	5.87 S	15.90 E	16.95@	110.25	0.28
2903.00	0.79	114.89	2902.68	95.00	2.52	6.33 S	17.65 E	18.75@	109.73	0.72
2966.00	1.49	79.65	2965.67	63.00	3.04	6.37 S	18.85 E	19.90@	108.66	1.52
3030.00	2.99	60.05	3029.62	64.00	4.96	5.38 S	21.12 E	21.79@	104.30	2.60
3069.00	3.17	61.63	3068.56	39.00	6.70	4.36 S	22.95 E	23.36@	100.77	0.51
3130.00	3.34	64.09	3129.46	61.00	9.53	2.79 S	26.03 E	26.18@	96.11	0.36
3162.00	3.08	65.76	3161.41	32.00	10.95	2.03 S	27.65 E	27.72@	94.19	0.86
3193.00	3.08	63.30	3192.37	31.00	12.28	1.31 S	29.15 E	29.18@	92.57	0.43
3225.00	4.04	56.50	3224.30	32.00	13.96	0.30 S	30.86 E	30.86@	90.56	3.27
3257.00	5.36	49.13	3256.20	32.00	16.33	1.30 N	32.93 E	32.96@	87.74	4.53
3288.00	6.77	42.54	3287.02	31.00	19.44	3.59 N	35.26 E	35.44@	84.18	5.07
3319.00	7.74	40.97	3317.77	31.00	23.24	6.52 N	37.87 E	38.42@	80.24	3.19
3351.00	8.18	40.45	3349.47	32.00	27.55	9.88 N	40.76 E	41.94@	76.38	1.39
3382.00	8.35	39.91	3380.14	31.00	31.90	13.28 N	43.63 E	45.61@	73.07	0.60
3414.00	8.70	45.57	3411.79	32.00	36.47	16.76 N	46.85 E	49.76@	70.32	2.84
3446.00	9.37	49.83	3443.39	32.00	41.18	20.13 N	50.57 E	54.43@	68.29	2.96
3477.00	9.85	50.67	3473.96	31.00	45.95	23.44 N	54.55 E	59.37@	66.75	1.61
3509.00	10.20	49.71	3505.47	32.00	51.08	27.01 N	58.83 E	64.73@	65.34	1.21
3547.00	10.46	48.71	3542.85	38.00	57.41	31.46 N	63.99 E	71.30@	63.82	0.83
3579.00	10.20	50.12	3574.34	32.00	62.73	35.19 N	68.34 E	76.87@	62.75	1.13
3611.00	10.11	49.41	3605.83	32.00	67.95	38.84 N	72.65 E	82.38@	61.87	0.48
3642.00	10.99	48.54	3636.31	31.00	73.23	42.56 N	76.93 E	87.92@	61.05	2.88
3674.00	11.96	47.83	3667.67	32.00	79.19	46.81 N	81.67 E	94.14@	60.18	3.06
3705.00	12.22	47.66	3697.98	31.00	85.28	51.17 N	86.48 E	100.49@	59.38	0.85
3737.00	12.05	48.01	3729.27	32.00	91.58	55.69 N	91.47 E	107.09@	58.66	0.58
3769.00	12.22	47.30	3760.55	32.00	97.90	60.22 N	96.44 E	113.70@	58.02	0.71
3801.00	12.57	48.18	3791.81	32.00	104.34	64.84 N	101.52 E	120.46@	57.43	1.24
3865.00	13.45	48.18	3854.16	64.00	117.81	74.45 N	112.26 E	134.70@	56.45	1.38
3928.00	13.45	48.27	3915.44	63.00	131.51	84.21 N	123.19 E	149.22@	55.64	0.03
3992.00	13.54	47.30	3977.67	64.00	145.52	94.24 N	134.25 E	164.02@	54.93	0.38
4055.00	14.16	47.74	4038.84	63.00	159.68	104.43 N	145.37 E	178.99@	54.31	1.00
4119.00	14.86	48.45	4100.79	64.00	174.69	115.14 N	157.31 E	194.94@	53.80	1.13
4181.00	14.95	47.66	4160.71	62.00	189.61	125.80 N	169.17 E	210.81@	53.36	0.36
4244.00	14.68	47.57	4221.61	63.00	204.74	136.65 N	181.06 E	226.85@	52.96	0.43
4340.00	15.30	46.34	4314.35	96.00	228.14	153.61 N	199.21 E	251.55@	52.36	0.73
4403.00	15.74	48.27	4375.05	63.00	243.99	165.03 N	211.60 E	268.34@	52.05	1.08
4466.00	16.27	49.59	4435.61	63.00	260.15	176.44 N	224.69 E	285.69@	51.86	1.02
4529.00	15.39	50.56	4496.22	63.00	276.02	187.47 N	237.87 E	302.87@	51.76	1.46
4593.00	14.07	54.60	4558.12	64.00	290.75	197.37 N	250.77 E	319.13@	51.79	2.61
4657.00	13.37	57.50	4620.29	64.00	304.08	205.86 N	263.35 E	334.26@	51.99	1.53

Pathfinder Survey Report

Page 3
Date: 4/25/2005
Wellpath ID: nd_svy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
4720.00	13.10	56.80	4681.62	63.00	316.61	213.68 N	275.47 E	348.63@	52.20	0.50
4784.00	13.63	54.95	4743.88	64.00	329.62	221.98 N	287.71 E	363.39@	52.35	1.06
4848.00	14.60	50.47	4805.95	64.00	343.73	231.45 N	300.11 E	378.99@	52.36	2.28
4910.00	14.95	49.41	4865.90	62.00	358.34	241.62 N	312.21 E	394.79@	52.26	0.71
4973.00	14.68	52.31	4926.81	63.00	373.12	251.79 N	324.70 E	410.89@	52.21	1.25
5036.00	14.60	53.72	4987.76	63.00	387.48	261.37 N	337.41 E	426.81@	52.24	0.58
5099.00	14.51	53.81	5048.74	63.00	401.68	270.73 N	350.19 E	442.63@	52.29	0.15
5162.00	14.77	54.07	5109.70	63.00	415.93	280.10 N	363.06 E	458.55@	52.35	0.43
5225.00	14.60	53.19	5170.64	63.00	430.26	289.57 N	375.92 E	474.52@	52.39	0.45
5289.00	14.51	52.84	5232.58	64.00	444.77	299.25 N	388.76 E	490.60@	52.41	0.20
5353.00	13.72	53.37	5294.65	64.00	458.84	308.62 N	401.25 E	506.21@	52.43	1.25
5416.00	12.93	53.72	5355.95	63.00	471.88	317.25 N	412.92 E	520.72@	52.46	1.26
5480.00	13.63	52.40	5418.24	64.00	485.14	326.09 N	424.67 E	535.42@	52.48	1.19
5575.00	14.16	51.52	5510.46	95.00	505.89	340.15 N	442.63 E	558.23@	52.46	0.60
5638.00	14.51	49.59	5571.50	63.00	520.24	350.06 N	454.68 E	573.82@	52.41	0.94
5702.00	14.33	49.33	5633.49	64.00	535.02	360.42 N	466.79 E	589.74@	52.33	0.30
5766.00	15.12	49.77	5695.38	64.00	550.09	370.97 N	479.17 E	605.99@	52.25	1.25
5830.00	15.12	50.38	5757.17	64.00	565.50	381.68 N	491.97 E	622.67@	52.19	0.25
5894.00	14.77	50.21	5819.00	64.00	580.71	392.23 N	504.67 E	639.17@	52.15	0.55
5957.00	15.30	50.29	5879.85	63.00	595.77	402.68 N	517.23 E	655.50@	52.10	0.84
6020.00	15.74	51.61	5940.55	63.00	611.23	413.29 N	530.33 E	672.35@	52.07	0.90
6083.00	15.56	50.21	6001.21	63.00	626.82	424.01 N	543.52 E	689.34@	52.04	0.66
6147.00	15.04	48.18	6062.95	64.00	642.50	435.04 N	556.30 E	706.21@	51.97	1.17
6211.00	14.25	50.12	6124.87	64.00	657.54	445.63 N	568.53 E	722.37@	51.91	1.45
6306.00	14.86	50.29	6216.82	95.00	679.55	460.91 N	586.88 E	746.23@	51.86	0.64
6369.00	16.36	51.35	6277.49	63.00	695.11	471.61 N	600.02 E	763.18@	51.83	2.42
6401.00	16.62	51.61	6308.17	32.00	703.40	477.27 N	607.13 E	772.26@	51.83	0.84
6423.00	16.71	51.61	6329.25	22.00	709.16	481.19 N	612.07 E	778.57@	51.83	0.41
6455.00	17.50	51.70	6359.84	32.00	717.75	487.02 N	619.46 E	787.98@	51.83	2.47
6487.00	21.90	50.03	6389.96	32.00	727.65	493.84 N	627.81 E	798.77@	51.81	13.86
6518.00	27.00	49.15	6418.17	31.00	739.53	502.17 N	637.57 E	811.58@	51.78	16.49
6550.00	31.48	46.25	6446.08	32.00	754.20	512.70 N	649.11 E	827.16@	51.70	14.68
6582.00	34.29	45.20	6472.95	32.00	770.70	524.83 N	661.54 E	844.44@	51.57	8.96
6613.00	37.55	44.58	6498.06	31.00	788.05	537.72 N	674.37 E	862.51@	51.43	10.58
6645.00	40.45	45.72	6522.92	32.00	807.23	551.91 N	688.65 E	882.52@	51.29	9.34
6677.00	42.91	47.66	6546.82	32.00	827.31	566.50 N	704.14 E	903.73@	51.18	8.68
6708.00	45.29	48.36	6569.08	31.00	847.51	580.93 N	720.17 E	925.27@	51.11	7.84
6740.00	47.84	49.06	6591.08	32.00	869.16	596.26 N	737.63 E	948.49@	51.05	8.13
6772.00	50.12	49.59	6612.08	32.00	891.56	611.99 N	755.94 E	972.62@	51.01	7.23
6804.00	52.58	50.12	6632.07	32.00	914.66	628.10 N	775.05 E	997.60@	50.98	7.80
6836.00	53.73	49.29	6651.25	32.00	938.36	644.66 N	794.58 E	1023.20@	50.95	4.15
6867.00	53.38	48.97	6669.67	31.00	961.54	660.98 N	813.44 E	1048.13@	50.90	1.40
6900.00	52.85	49.68	6689.48	33.00	986.03	678.19 N	833.45 E	1074.51@	50.86	2.35
6931.00	54.61	50.82	6707.82	31.00	1009.07	694.16 N	852.67 E	1099.50@	50.85	6.40
6963.00	57.68	51.35	6725.64	32.00	1033.41	710.85 N	873.34 E	1126.07@	50.86	9.69

Pathfinder Survey Report

Page 4
Date: 4/25/2005
Wellpath ID: nd_svy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
6995.00	59.53	51.51	6742.31	32.00	1058.37	727.88 N	894.70 E	1153.39@	50.87	5.80
7025.00	61.20	52.84	6757.14	30.00	1082.05	743.87 N	915.30 E	1179.45@	50.90	6.77
7057.00	62.87	54.34	6772.15	32.00	1107.42	760.64 N	938.04 E	1207.68@	50.96	6.66
7089.00	65.16	53.46	6786.17	32.00	1133.17	777.59 N	961.28 E	1236.41@	51.03	7.57
7121.00	68.32	53.03	6798.80	32.00	1159.64	795.18 N	984.83 E	1265.78@	51.08	9.95
7152.00	71.93	53.37	6809.34	31.00	1185.89	812.64 N	1008.17 E	1294.91@	51.13	11.69
7184.00	76.33	53.90	6818.09	32.00	1213.51	830.89 N	1032.95 E	1325.66@	51.19	13.84
7216.00	79.58	53.72	6824.77	32.00	1241.54	849.36 N	1058.21 E	1356.92@	51.25	10.17
7264.00	84.06	54.51	6831.60	48.00	1283.99	877.20 N	1096.69 E	1404.36@	51.34	9.47
7295.00	88.37	55.04	6833.64	31.00	1311.46	895.04 N	1121.96 E	1435.23@	51.42	14.01
7327.00	92.42	55.57	6833.42	32.00	1339.75	913.25 N	1148.26 E	1467.15@	51.50	12.76
7359.00	92.95	54.60	6831.92	32.00	1368.07	931.55 N	1174.47 E	1499.05@	51.58	3.45
7390.00	92.95	54.42	6830.33	31.00	1395.64	949.52 N	1199.68 E	1529.97@	51.64	0.58
7422.00	92.68	55.57	6828.75	32.00	1423.98	967.85 N	1225.86 E	1561.88@	51.71	3.69
7454.00	92.68	55.48	6827.26	32.00	1452.18	985.95 N	1252.21 E	1593.78@	51.78	0.28
7486.00	91.54	54.78	6826.08	32.00	1480.50	1004.23 N	1278.44 E	1625.70@	51.85	4.18
7517.00	90.84	53.46	6825.44	31.00	1508.19	1022.39 N	1303.56 E	1656.67@	51.89	4.82
7549.00	90.48	51.61	6825.07	32.00	1537.17	1041.86 N	1328.95 E	1688.66@	51.90	5.89
7580.00	89.52	50.82	6825.07	31.00	1565.54	1061.28 N	1353.12 E	1719.66@	51.89	4.01
7612.00	88.02	50.73	6825.75	32.00	1594.92	1081.51 N	1377.90 E	1751.65@	51.87	4.70
7644.00	87.76	49.41	6826.93	32.00	1624.44	1102.03 N	1402.42 E	1783.61@	51.84	4.20
7676.00	87.85	48.89	6828.16	32.00	1654.15	1122.95 N	1426.61 E	1815.55@	51.79	1.65
7707.00	87.85	48.10	6829.32	31.00	1683.06	1143.47 N	1449.81 E	1846.48@	51.74	2.55
7739.00	89.08	47.04	6830.18	32.00	1713.09	1165.06 N	1473.42 E	1878.38@	51.67	5.07
7770.00	90.40	45.20	6830.32	31.00	1742.46	1186.54 N	1495.76 E	1909.24@	51.58	7.30
7802.00	90.13	43.09	6830.17	32.00	1773.11	1209.50 N	1518.05 E	1940.97@	51.45	6.65
7834.00	88.29	41.77	6830.61	32.00	1804.02	1233.12 N	1539.63 E	1972.57@	51.31	7.08
7861.00	87.85	40.63	6831.52	27.00	1830.23	1253.42 N	1557.41 E	1999.15@	51.17	4.52
7892.00	87.23	39.04	6832.85	31.00	1860.48	1277.20 N	1577.25 E	2029.52@	51.00	5.50
7924.00	85.30	37.11	6834.94	32.00	1891.86	1302.34 N	1596.94 E	2060.65@	50.80	8.52
7952.00	84.50	34.21	6837.43	28.00	1919.46	1324.99 N	1613.19 E	2087.58@	50.60	10.70
7983.00	83.71	32.10	6840.61	31.00	1950.14	1350.81 N	1630.06 E	2117.02@	50.35	7.23
8015.00	84.06	30.43	6844.02	32.00	1981.89	1378.00 N	1646.57 E	2147.11@	50.07	5.30
8047.00	85.12	28.85	6847.04	32.00	2013.72	1405.69 N	1662.32 E	2176.99@	49.78	5.93
8078.00	86.44	27.35	6849.32	31.00	2044.63	1432.96 N	1676.89 E	2205.75@	49.48	6.44
8110.00	88.20	26.04	6850.81	32.00	2076.59	1461.52 N	1691.24 E	2235.25@	49.17	6.85
8141.00	89.52	24.45	6851.43	31.00	2107.56	1489.55 N	1704.46 E	2263.61@	48.85	6.67
8173.00	89.69	22.34	6851.65	32.00	2139.48	1518.92 N	1717.17 E	2292.55@	48.51	6.61
8205.00	90.57	20.59	6851.58	32.00	2171.30	1548.70 N	1728.88 E	2321.09@	48.15	6.12
8236.00	91.89	19.18	6850.91	31.00	2202.02	1577.84 N	1739.42 E	2348.44@	47.79	6.23
8268.00	92.57	16.88	6849.67	32.00	2233.57	1608.24 N	1749.31 E	2376.25@	47.41	7.49
8300.00	92.24	15.96	6848.33	32.00	2264.95	1638.91 N	1758.35 E	2403.71@	47.01	3.05
8332.00	91.98	13.80	6847.15	32.00	2296.16	1669.82 N	1766.56 E	2430.85@	46.61	6.79
8361.00	92.07	11.46	6846.12	29.00	2324.17	1698.09 N	1772.90 E	2454.93@	46.23	8.07
8393.00	90.89	9.21	6845.30	32.00	2354.74	1729.56 N	1778.64 E	2480.91@	45.80	7.94

Pathfinder Survey Report

Page 5
Date: 4/25/2005
Wellpath ID: nd_svy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
8424.00	91.36	7.49	6844.69	31.00	2384.03	1760.23 N	1783.14 E	2505.59@	45.37	5.75
8454.00	90.04	4.85	6844.32	30.00	2411.98	1790.05 N	1786.36 E	2528.90@	44.94	9.84
8486.00	88.11	1.94	6844.84	32.00	2441.19	1821.98 N	1788.26 E	2552.94@	44.46	10.91
8517.00	87.58	359.14	6846.00	31.00	2468.81	1852.95 N	1788.55 E	2575.33@	43.99	9.19
8548.00	87.76	357.65	6847.26	31.00	2495.89	1883.92 N	1787.68 E	2597.10@	43.50	4.84
8579.00	87.93	356.33	6848.43	31.00	2522.59	1914.85 N	1786.05 E	2618.52@	43.01	4.29
8611.00	88.20	355.27	6849.51	32.00	2549.81	1946.75 N	1783.71 E	2640.35@	42.50	3.42
8642.00	88.20	354.75	6850.48	31.00	2575.96	1977.61 N	1781.02 E	2661.39@	42.01	1.68
8674.00	88.72	354.39	6851.34	32.00	2602.83	2009.46 N	1777.99 E	2683.13@	41.50	1.98
8706.00	89.69	354.76	6851.79	32.00	2629.70	2041.31 N	1774.97 E	2705.08@	41.01	3.24
8738.00	89.96	354.22	6851.88	32.00	2656.55	2073.16 N	1771.89 E	2727.20@	40.52	1.89
8769.00	90.40	354.48	6851.79	31.00	2682.52	2104.01 N	1768.84 E	2748.76@	40.05	1.65
8801.00	90.84	354.83	6851.44	32.00	2709.42	2135.87 N	1765.86 E	2771.32@	39.58	1.76
8833.00	91.10	354.22	6850.90	32.00	2736.27	2167.72 N	1762.81 E	2794.01@	39.12	2.07
8865.00	91.28	354.22	6850.23	32.00	2763.03	2199.55 N	1759.58 E	2816.76@	38.66	0.56
8896.00	90.04	353.69	6849.88	31.00	2788.88	2230.38 N	1756.32 E	2838.88@	38.22	4.35
8928.00	89.43	353.60	6850.03	32.00	2815.47	2262.18 N	1752.78 E	2861.76@	37.77	1.93
8960.00	89.96	353.43	6850.20	32.00	2842.02	2293.97 N	1749.16 E	2884.77@	37.33	1.74
8991.00	90.57	353.43	6850.05	31.00	2867.72	2324.77 N	1745.62 E	2907.19@	36.90	1.97
9023.00	89.87	353.52	6849.93	32.00	2894.25	2356.56 N	1741.98 E	2930.51@	36.47	2.21
9055.00	89.78	352.64	6850.03	32.00	2920.67	2388.33 N	1738.13 E	2953.84@	36.05	2.76
9087.00	88.72	352.55	6850.45	32.00	2946.92	2420.06 N	1734.00 E	2977.15@	35.62	3.32
9119.00	88.90	352.37	6851.11	32.00	2973.13	2451.77 N	1729.80 E	3000.57@	35.20	0.80
9151.00	89.34	352.55	6851.60	32.00	2999.35	2483.49 N	1725.61 E	3024.15@	34.79	1.49
9182.00	89.16	352.46	6852.01	31.00	3024.75	2514.23 N	1721.56 E	3047.15@	34.40	0.65