

COMPANY: Tap Rock Operating
 PROJECT: Eddy County, New Mexico (NAD 83)
 SITE: Zeus Unit 24S33E0909
 WELL: Zeus Unit 24S33E0909 108H
 MAP SYSTE US State Plane 1983
 MAP ZONE New Mexico Eastern Zone
 NORTH REF Grid
 KB-MSL: 3639
 GLE: 3614

30-025-44523

HOBBS OCD

OCT 23 2018

RECEIVED

WELLBORE Wellbore #1
 DESIGN: Surveys
 VS AZI: 359.59

SURVEY TOOL PROGRAM:
 H 188.00 - 14344.00 HT MWD : MWD

MD	INC	AZI	Course Length	TVD	Subsea Depth	Local N/S	Local E/W	Map Northing
0	0	0	0	0	3639	0	0	447262.7
188	1.1	158.4	188	187.99	3451.01	-1.68	0.66	447261.1
249	1.1	162.4	61	248.98	3390.02	-2.78	1.06	447260
342	1	139.1	93	341.96	3297.04	-4.24	1.86	447258.5
432	0.7	170.8	90	431.95	3207.05	-5.38	2.46	447257.4
524	0.9	182.2	92	523.94	3115.06	-6.66	2.52	447256.1
615	1.5	204.5	91	614.92	3024.08	-8.46	2	447254.3
707	2.3	209.4	92	706.87	2932.13	-11.16	0.6	447251.6
800	3.1	212.4	93	799.77	2839.23	-14.91	-1.67	447247.8
892	3.8	222.5	92	891.6	2747.4	-19.26	-5.06	447243.5
983	4.1	231.1	91	982.39	2656.61	-23.52	-9.63	447239.2
1074	3.9	228.7	91	1073.16	2565.84	-27.61	-14.49	447235.1
1165	3.7	231.4	91	1163.96	2475.04	-31.48	-19.11	447231.3
1260	3.8	230	95	1258.76	2380.24	-35.42	-23.91	447227.3
1314	3.5	229.8	54	1312.65	2326.35	-37.63	-26.54	447225.1
1447	3.1	236.1	133	1445.43	2193.57	-42.26	-32.63	447220.5
1538	2.5	237.8	91	1536.32	2102.68	-44.69	-36.35	447218.1
1632	2.9	218.9	94	1630.22	2008.78	-47.63	-39.58	447215.1
1727	3.3	214.4	95	1725.08	1913.92	-51.76	-42.63	447211
1821	2.8	213.4	94	1818.95	1820.05	-55.91	-45.42	447206.8
1916	2.5	218	95	1913.85	1725.15	-59.48	-47.98	447203.3
2105	4	211	189	2102.54	1536.46	-68.38	-53.91	447194.4
2294	3	213.1	189	2291.18	1347.82	-78.17	-60.01	447184.6
2484	2.1	217.8	190	2480.99	1158.01	-85.09	-64.86	447177.7
2672	2.9	219.3	188	2668.81	970.19	-91.49	-69.98	447171.3
2861	1.9	219.6	189	2857.64	781.36	-97.6	-75.01	447165.1
3050	3	208.8	189	3046.47	592.53	-104.35	-79.38	447158.4

3239	2.5	205.9	189	3235.25	403.75	-112.39	-83.57	447150.4
3429	3.4	225	190	3425	214	-120.1	-89.36	447142.6
3618	2.2	222	189	3613.77	25.23	-126.76	-95.75	447136
3807	2	215.4	189	3802.65	-163.65	-132.15	-100.09	447130.6
3996	3.6	216.8	189	3991.41	-352.41	-139.59	-105.56	447123.2
4185	2.4	218.5	189	4180.15	-541.15	-147.44	-111.57	447115.3
4374	1.3	211.6	189	4369.05	-730.05	-152.36	-115.16	447110.4
4563	3.2	201.8	189	4557.9	-918.9	-159.08	-118.24	447103.7
4752	3.3	203.4	189	4746.59	-1107.59	-168.97	-122.36	447093.8
4941	2.6	173.2	189	4935.35	-1296.35	-178.22	-124.02	447084.5
5073	2.5	199.7	132	5067.23	-1428.23	-183.91	-124.63	447078.8
5214	2.1	202.9	141	5208.11	-1569.11	-189.18	-126.67	447073.6
5308	4	222.7	94	5301.98	-1662.98	-193.18	-129.57	447069.6
5402	6.7	225.5	94	5395.56	-1756.56	-199.43	-135.7	447063.3
5497	8.7	221.4	95	5489.7	-1850.7	-208.71	-144.41	447054
5592	9.9	213.2	95	5583.45	-1944.45	-220.93	-153.63	447041.8
5687	11.6	203.9	95	5676.79	-2037.79	-236.5	-161.98	447026.2
5781	11.6	203.1	94	5768.87	-2129.87	-253.83	-169.51	447008.9
5876	13.4	200.1	95	5861.61	-2222.61	-272.96	-177.04	446989.8
5970	14.1	199.1	94	5952.92	-2313.92	-294.01	-184.53	446968.7
6064	14.2	200	94	6044.07	-2405.07	-315.66	-192.22	446947.1
6159	13.1	199.2	95	6136.38	-2497.38	-336.78	-199.75	446926
6253	12.6	199.4	94	6228.03	-2589.03	-356.51	-206.66	446906.2
6347	14.3	198.8	94	6319.45	-2680.45	-377.17	-213.8	446885.6
6442	14.3	198.7	95	6411.5	-2772.5	-399.39	-221.35	446863.4
6536	14.2	199	94	6502.61	-2863.61	-421.29	-228.82	446841.5
6630	14.5	199.3	94	6593.68	-2954.68	-443.3	-236.47	446819.5
6724	14.6	199.1	94	6684.66	-3045.66	-465.6	-244.23	446797.1
6819	14.1	199.6	95	6776.7	-3137.7	-487.81	-252.03	446774.9
6913	13.3	199.3	94	6868.02	-3229.02	-508.8	-259.45	446753.9
7008	12.2	199.4	95	6960.68	-3321.68	-528.59	-266.39	446734.2
7102	13.5	199.5	94	7052.32	-3413.32	-548.3	-273.35	446714.4
7197	13.9	198.3	95	7144.62	-3505.62	-569.58	-280.64	446693.2
7291	13.5	197.6	94	7235.95	-3596.95	-590.76	-287.5	446672
7385	13.1	197.2	94	7327.43	-3688.43	-611.4	-293.97	446651.3
7480	12.8	195.8	95	7420.01	-3781.01	-631.81	-300.02	446630.9
7574	14	199.5	94	7511.45	-3872.45	-652.55	-306.65	446610.2
7669	14	200.1	95	7603.63	-3964.63	-674.17	-314.43	446588.6
7763	13.3	199.4	94	7694.97	-4055.97	-695.05	-321.93	446567.7
7858	11.3	198.9	95	7787.79	-4148.79	-714.16	-328.58	446548.6
7952	11.4	198.4	94	7879.95	-4240.95	-731.69	-334.49	446531.1
8046	11	198.6	94	7972.16	-4333.16	-749	-340.29	446513.7
8141	10.6	197.4	95	8065.48	-4426.48	-765.93	-345.79	446496.8
8235	10	198.01	94	8157.96	-4518.96	-781.94	-350.9	446480.8
8329	9.5	198.2	94	8250.6	-4611.6	-797.07	-355.85	446465.7
8424	7.4	203.6	95	8344.57	-4705.57	-810.13	-360.74	446452.6
8518	5.4	200.9	94	8437.98	-4798.98	-819.81	-364.75	446442.9

8613	3.5	191.5	95	8532.69	-4893.69	-826.83	-366.92	446435.9
8707	1.4	196.6	94	8626.6	-4987.6	-830.74	-367.82	446432
8801	1	193.6	94	8720.58	-5081.58	-832.64	-368.34	446430.1
8894	1.2	202.3	93	8813.56	-5174.56	-834.33	-368.9	446428.4
8988	4.5	4.1	94	8907.48	-5268.48	-831.56	-369.01	446431.2
9035	10.1	4.9	47	8954.08	-5315.08	-825.61	-368.53	446437.1
9083	13.9	6.5	48	9001.02	-5362.02	-815.68	-367.51	446447.1
9127	18.3	10.5	44	9043.29	-5404.29	-803.63	-365.66	446459.1
9177	23.3	15.2	50	9090.02	-5451.02	-786.36	-361.63	446476.4
9222	27.3	16.5	45	9130.69	-5491.69	-767.87	-356.36	446494.9
9272	31.4	12	50	9174.27	-5535.27	-744.12	-350.4	446518.6
9316	37.1	9.2	44	9210.63	-5571.63	-719.79	-345.89	446543
9366	38.9	7.8	50	9250.03	-5611.03	-689.35	-341.34	446573.4
9413	44.4	12	47	9285.14	-5646.14	-658.61	-335.92	446604.1
9461	47.7	15.2	48	9318.46	-5679.46	-625.04	-327.77	446637.7
9508	54.3	13.7	47	9348.02	-5709.02	-589.69	-318.68	446673.1
9555	59.2	13.3	47	9373.78	-5734.78	-551.48	-309.51	446711.3
9602	65.3	14	47	9395.65	-5756.65	-511.08	-299.69	446751.7
9650	70.7	14.4	48	9413.63	-5774.63	-467.95	-288.78	446794.8
9697	76.9	15.4	47	9426.73	-5787.73	-424.36	-277.17	446838.4
9744	83.2	16.6	47	9434.85	-5795.85	-379.89	-264.41	446882.9
9839	90.4	15.8	95	9440.15	-5801.15	-288.86	-237.97	446973.9
9932	92.5	15.8	93	9437.8	-5798.8	-199.41	-212.66	447063.3
10027	90.3	14	95	9435.48	-5796.48	-107.64	-188.24	447155.1
10121	89.6	10.7	94	9435.56	-5796.56	-15.83	-168.14	447246.9
10216	90.7	10.7	95	9435.31	-5796.31	77.52	-150.5	447340.3
10310	90.4	8.6	94	9434.41	-5795.41	170.18	-134.75	447432.9
10405	89.8	6.3	95	9434.24	-5795.24	264.37	-122.43	447527.1
10499	89	3.3	94	9435.23	-5796.23	358.03	-114.57	447620.8
10593	90.1	2.9	94	9435.97	-5796.97	451.88	-109.48	447714.6
10688	89	1.6	95	9436.71	-5797.71	546.8	-105.75	447809.5
10783	90.5	1.2	95	9437.13	-5798.13	641.77	-103.43	447904.5
10878	87.3	358.6	95	9438.95	-5799.95	736.73	-103.6	447999.5
10972	88.9	359	94	9442.07	-5803.07	830.66	-105.56	448093.4
11067	89.8	358.5	95	9443.14	-5804.14	925.63	-107.64	448188.4
11161	90.5	358.9	94	9442.9	-5803.9	1019.6	-109.77	448282.3
11255	90.1	357.9	94	9442.41	-5803.41	1113.56	-112.39	448376.3
11350	88.4	356.3	95	9443.65	-5804.65	1208.43	-117.2	448471.2
11444	87.7	357.9	94	9446.85	-5807.85	1302.25	-121.95	448565
11538	89.2	359.1	94	9449.39	-5810.39	1396.18	-124.41	448658.9
11633	90	0.2	95	9450.05	-5811.05	1491.17	-124.99	448753.9
11727	91.3	1.9	94	9448.99	-5809.99	1585.14	-123.27	448847.9
11822	92.8	2.1	95	9445.59	-5806.59	1680.02	-119.96	448942.8
11916	90.4	1.2	94	9442.96	-5803.96	1773.94	-117.25	449036.7
12010	87.6	0.7	94	9444.61	-5805.61	1867.9	-115.69	449130.6
12104	93.6	1.6	94	9443.62	-5804.62	1961.83	-113.81	449224.6
12199	95.3	0.3	95	9436.25	-5797.25	2056.53	-112.24	449319.3

12293	94.1	359	94	9428.55	-5789.55	2150.21	-112.81	449413
12388	93.8	358.3	95	9422	-5783	2244.95	-115.04	449507.7
12482	90	358.6	94	9418.89	-5779.89	2338.85	-117.58	449601.6
12576	88	358.7	94	9420.53	-5781.53	2432.81	-119.8	449695.6
12671	89.5	358.3	95	9422.6	-5783.6	2527.75	-122.28	449790.5
12765	90.9	358	94	9422.27	-5783.27	2621.7	-125.32	449884.4
12859	92.6	357.4	94	9419.4	-5780.4	2715.57	-129.09	449978.3
12954	92	357.8	95	9415.59	-5776.59	2810.41	-133.06	450073.2
13048	92.9	359.1	94	9411.57	-5772.57	2904.29	-135.6	450167
13142	92.6	359.7	94	9407.06	-5768.06	2998.17	-136.59	450260.9
13236	92.1	0.4	94	9403.21	-5764.21	3092.09	-136.5	450354.8
13331	93.9	0.1	95	9398.23	-5759.23	3186.96	-136.09	450449.7
13425	93.3	1.3	94	9392.33	-5753.33	3280.77	-134.94	450543.5
13520	90.7	1.6	95	9389.02	-5750.02	3375.67	-132.54	450638.4
13614	89.8	1.7	94	9388.61	-5749.61	3469.63	-129.83	450732.4
13708	89.2	0.9	94	9389.43	-5750.43	3563.6	-127.7	450826.3
13802	90.9	1.2	94	9389.35	-5750.35	3657.58	-125.98	450920.3
13896	89.9	359.8	94	9388.69	-5749.69	3751.57	-125.16	451014.3
13991	88.9	359.8	95	9389.68	-5750.68	3846.56	-125.49	451109.3
14085	90.4	359.9	94	9390.26	-5751.26	3940.56	-125.74	451203.3
14179	91.3	0.2	94	9388.86	-5749.86	4034.55	-125.65	451297.3
14274	92.9	0.5	95	9385.38	-5746.38	4129.48	-125.08	451392.2
14296	93.5	0.5	22	9384.15	-5745.15	4151.44	-124.88	451414.2
14344	93.5	0.5	48	9381.22	-5742.22	4199.35	-124.47	451462.1

Map	Dogleg					
Easting	Lat	Long	Severity	T.Face	Vert Sec	Annotation
777535.8	32° 13' 38.1	103° 34' 1C	0	0	0	
777536.4	32° 13' 38.1	103° 34' 1C	0.59	158.4	-1.68	
777536.8	32° 13' 38.1	103° 34' 1C	0.13	92	-2.79	
777537.6	32° 13' 38.1	103° 34' 1C	0.47	245.35	-4.26	
777538.2	32° 13' 38.1	103° 34' 1C	0.61	137.71	-5.4	
777538.3	32° 13' 38.1	103° 34' 1C	0.28	44.31	-6.68	
777537.8	32° 13' 38.1	103° 34' 1C	0.82	49.4	-8.47	
777536.4	32° 13' 38.1	103° 34' 1C	0.89	13.93	-11.16	
777534.1	32° 13' 38.1	103° 34' 1C	0.87	11.52	-14.9	
777530.7	32° 13' 38.1	103° 34' 1C	1	46.08	-19.22	
777526.2	32° 13' 38.1	103° 34' 1C	0.73	67.48	-23.45	
777521.3	32° 13' 37.1	103° 34' 1C	0.29	218.74	-27.5	
777516.7	32° 13' 37.1	103° 34' 1C	0.29	139.52	-31.35	
777511.9	32° 13' 37.1	103° 34' 1C	0.14	316.82	-35.25	
777509.2	32° 13' 37.1	103° 34' 1C	0.56	182.33	-37.44	
777503.2	32° 13' 37.1	103° 34' 1C	0.41	140.92	-42.02	
777499.4	32° 13' 37.1	103° 34' 1C	0.67	172.97	-44.43	
777496.2	32° 13' 37.1	103° 34' 1C	1.03	284.56	-47.35	
777493.2	32° 13' 37.1	103° 34' 1C	0.49	326.42	-51.45	
777490.4	32° 13' 37.1	103° 34' 1C	0.53	185.58	-55.58	
777487.8	32° 13' 37.1	103° 34' 1C	0.39	146.95	-59.13	
777481.9	32° 13' 37.1	103° 34' 1C	0.82	341.67	-67.99	
777475.8	32° 13' 37.1	103° 34' 1C	0.53	173.74	-77.74	
777470.9	32° 13' 37.1	103° 34' 1C	0.49	169.26	-84.62	
777465.8	32° 13' 37.1	103° 34' 1C	0.43	5.43	-90.99	
777460.8	32° 13' 37.1	103° 34' 11	0.53	179.43	-97.06	
777456.4	32° 13' 37.1	103° 34' 11	0.63	331.78	-103.78	

777452.2	32° 13' 37.0	103° 34' 11	0.27	194.11	-111.79
777446.4	32° 13' 37.0	103° 34' 11	0.7	57.33	-119.46
777440	32° 13' 37.0	103° 34' 11	0.64	185.47	-126.08
777435.7	32° 13' 36.9	103° 34' 11	0.17	227.14	-131.43
777430.2	32° 13' 36.8	103° 34' 11	0.85	3.15	-138.83
777424.2	32° 13' 36.8	103° 34' 11	0.64	176.61	-146.63
777420.6	32° 13' 36.7	103° 34' 11	0.59	188.01	-151.53
777417.5	32° 13' 36.6	103° 34' 11	1.02	343.63	-158.23
777413.4	32° 13' 36.5	103° 34' 11	0.07	43.01	-168.09
777411.8	32° 13' 36.5	103° 34' 11	0.89	231.17	-177.33
777411.2	32° 13' 36.4	103° 34' 11	0.89	108	-183.01
777409.1	32° 13' 36.3	103° 34' 11	0.3	163.79	-188.27
777406.2	32° 13' 36.3	103° 34' 11	2.28	39.14	-192.25
777400.1	32° 13' 36.2	103° 34' 11	2.88	6.92	-198.46
777391.4	32° 13' 36.1	103° 34' 11	2.18	342.6	-207.67
777382.2	32° 13' 36.0	103° 34' 11	1.88	308.07	-219.83
777373.8	32° 13' 35.9	103° 34' 12	2.55	309.79	-235.34
777366.3	32° 13' 35.7	103° 34' 12	0.17	269.61	-252.61
777358.7	32° 13' 35.5	103° 34' 12	2.01	338.69	-271.68
777351.3	32° 13' 35.3	103° 34' 12	0.79	340.76	-292.68
777343.6	32° 13' 35.1	103° 34' 12	0.26	65.99	-314.28
777336	32° 13' 34.9	103° 34' 12	1.17	189.35	-335.34
777329.1	32° 13' 34.7	103° 34' 12	0.53	175.01	-355.02
777322	32° 13' 34.5	103° 34' 12	1.81	355.01	-375.63
777314.4	32° 13' 34.3	103° 34' 12	0.03	269.95	-397.8
777307	32° 13' 34.1	103° 34' 12	0.13	143.7	-419.64
777299.3	32° 13' 33.9	103° 34' 12	0.33	14.07	-441.59
777291.6	32° 13' 33.6	103° 34' 13	0.12	333.23	-463.84
777283.8	32° 13' 33.4	103° 34' 13	0.54	166.32	-486
777276.3	32° 13' 33.2	103° 34' 13	0.85	184.93	-506.93
777269.4	32° 13' 33.0	103° 34' 13	1.16	178.9	-526.67
777262.4	32° 13' 32.8	103° 34' 13	1.38	1.03	-546.33
777255.1	32° 13' 32.6	103° 34' 13	0.52	324.02	-567.56
777248.3	32° 13' 32.4	103° 34' 13	0.46	202.17	-588.69
777241.8	32° 13' 32.2	103° 34' 13	0.44	192.76	-609.28
777235.8	32° 13' 32.0	103° 34' 13	0.46	225.6	-629.64
777229.1	32° 13' 31.8	103° 34' 13	1.57	37.36	-650.33
777221.4	32° 13' 31.6	103° 34' 13	0.15	90.29	-671.9
777213.9	32° 13' 31.4	103° 34' 13	0.77	192.94	-692.72
777207.2	32° 13' 31.2	103° 34' 14	2.11	182.8	-711.79
777201.3	32° 13' 31.0	103° 34' 14	0.15	315.22	-729.28
777195.5	32° 13' 30.8	103° 34' 14	0.43	174.55	-746.55
777190	32° 13' 30.7	103° 34' 14	0.48	208.75	-763.44
777184.9	32° 13' 30.5	103° 34' 14	0.65	170	-779.41
777179.9	32° 13' 30.3	103° 34' 14	0.53	176.41	-794.51
777175	32° 13' 30.2	103° 34' 14	2.36	161.96	-807.53
777171	32° 13' 30.1	103° 34' 14	2.15	187.22	-817.18

777168.9 32° 13' 30.1 103° 34' 14	2.14	196.36	-824.18
777168 32° 13' 30.1 103° 34' 14	2.24	176.62	-828.09
777167.4 32° 13' 30.1 103° 34' 14	0.43	187.43	-829.98
777166.9 32° 13' 30.1 103° 34' 14	0.28	44.27	-831.67
777166.8 32° 13' 30.1 103° 34' 14	6.01	165.59	-828.9
777167.3 32° 13' 30.1 103° 34' 14	11.92	1.44	-822.95
777168.3 32° 13' 30.1 103° 34' 14	7.95	5.79	-813.03
777170.1 32° 13' 30.1 103° 34' 14	10.31	16.08	-801
777174.2 32° 13' 30.1 103° 34' 14	10.53	20.67	-783.75
777179.4 32° 13' 30.1 103° 34' 14	8.97	8.5	-765.3
777185.4 32° 13' 30.1 103° 34' 14	9.31	329.74	-741.6
777189.9 32° 13' 31.1 103° 34' 14	13.44	343.38	-717.29
777194.4 32° 13' 31.1 103° 34' 14	3.99	333.86	-686.88
777199.9 32° 13' 31.1 103° 34' 14	13.12	28.5	-656.19
777208 32° 13' 32.1 103° 34' 14	8.38	36.04	-622.68
777217.1 32° 13' 32.1 103° 34' 13	14.26	349.5	-587.39
777226.3 32° 13' 32.1 103° 34' 13	10.45	355.98	-549.25
777236.1 32° 13' 33.1 103° 34' 13	13.05	5.96	-508.92
777247 32° 13' 33.1 103° 34' 13	11.28	4.01	-465.87
777258.6 32° 13' 34.1 103° 34' 13	13.35	8.95	-422.37
777271.4 32° 13' 34.1 103° 34' 13	13.64	10.74	-377.98
777297.8 32° 13' 35.1 103° 34' 12	7.63	353.64	-287.15
777323.1 32° 13' 36.1 103° 34' 12	2.26	0	-197.88
777347.5 32° 13' 37.1 103° 34' 12	2.99	219.31	-106.29
777367.6 32° 13' 38.1 103° 34' 12	3.59	258.03	-14.62
777385.3 32° 13' 39.1 103° 34' 11	1.16	0	78.59
777401 32° 13' 39.1 103° 34' 11	2.26	261.88	171.14
777413.4 32° 13' 40.1 103° 34' 11	2.5	255.38	265.24
777421.2 32° 13' 41.1 103° 34' 11	3.3	255.06	358.84
777426.3 32° 13' 42.1 103° 34' 11	1.25	340.02	452.65
777430 32° 13' 43.1 103° 34' 11	1.79	229.76	547.55
777432.4 32° 13' 44.1 103° 34' 11	1.63	345.07	642.49
777432.2 32° 13' 45.1 103° 34' 11	4.34	219.07	737.46
777430.2 32° 13' 46.1 103° 34' 11	1.75	14.04	831.39
777428.1 32° 13' 47.1 103° 34' 11	1.08	330.94	926.37
777426 32° 13' 48.1 103° 34' 11	0.86	29.74	1020.36
777423.4 32° 13' 49.1 103° 34' 11	1.15	248.2	1114.34
777418.6 32° 13' 50.1 103° 34' 11	2.46	223.25	1209.23
777413.8 32° 13' 51.1 103° 34' 11	1.86	113.67	1303.09
777411.4 32° 13' 52.1 103° 34' 11	2.04	38.67	1397.03
777410.8 32° 13' 53.1 103° 34' 11	1.43	53.98	1492.03
777412.5 32° 13' 53.1 103° 34' 11	2.28	52.59	1585.98
777415.8 32° 13' 54.1 103° 34' 11	1.59	7.59	1680.84
777418.5 32° 13' 55.1 103° 34' 11	2.73	200.56	1774.73
777420.1 32° 13' 56.1 103° 34' 11	3.03	190.12	1868.68
777422 32° 13' 57.1 103° 34' 11	6.45	8.53	1962.6
777423.5 32° 13' 58.1 103° 34' 11	2.25	322.73	2057.28

777423 32° 13' 59.1 103° 34' 11	1.88	227.25	2150.96
777420.7 32° 14' 0.4 103° 34' 11	0.8	246.78	2245.72
777418.2 32° 14' 1.4 103° 34' 11	4.06	175.48	2339.63
777416 32° 14' 2.3 103° 34' 11	2.13	177.14	2433.6
777413.5 32° 14' 3.2 103° 34' 11	1.63	345.07	2528.56
777410.5 32° 14' 4.2 103° 34' 11	1.52	347.91	2622.53
777406.7 32° 14' 5.1 103° 34' 11	1.92	340.58	2716.43
777402.7 32° 14' 6.0 103° 34' 11	0.76	146.32	2811.29
777400.2 32° 14' 7.0 103° 34' 11	1.68	55.25	2905.18
777399.2 32° 14' 7.9 103° 34' 11	0.71	116.58	2999.08
777399.3 32° 14' 8.8 103° 34' 11	0.91	125.55	3092.99
777399.7 32° 14' 9.8 103° 34' 11	1.92	350.56	3187.85
777400.8 32° 14' 10. 103° 34' 11	1.43	116.57	3281.65
777403.2 32° 14' 11. 103° 34' 11	2.75	173.42	3376.53
777406 32° 14' 12. 103° 34' 11	0.96	173.66	3470.47
777408.1 32° 14' 13. 103° 34' 11	1.06	233.13	3564.42
777409.8 32° 14' 14. 103° 34' 11	1.84	10.01	3658.39
777410.6 32° 14' 15. 103° 34' 11	1.83	234.47	3752.37
777410.3 32° 14' 16. 103° 34' 11	1.05	180	3847.36
777410 32° 14' 17. 103° 34' 11	1.6	3.81	3941.36
777410.1 32° 14' 18. 103° 34' 11	1.01	18.43	4035.34
777410.7 32° 14' 19. 103° 34' 11	1.71	10.61	4130.27
777410.9 32° 14' 19. 103° 34' 11	2.73	0	4152.23
777411.3 32° 14' 19. 103° 34' 11	0	0	4200.13 Projection to TD-14344.00' MD