

TVD Scale = 1 (in):1600 (ft)



PCU 296-18D17 R0 ivs 2-Feb-10



Report Date: February 4, 2010
Client: ExxonMobil
Field: CO, Rio Blanco County (NAD 27 NZ) ExxonMobil 2010
Structure / Slot: ExxonMobil (PCU 296-18D) / PCU 296-18D17
Well: PCU 296-18D17
Borehole: Original Hole
UWI/API#:
Survey Name / Date: PCU 296-18D17 R0 ivs 2-Feb-10 / February 4, 2010
Tort / AHD / DDI / ERD ratio: 29.005° / 1009.57 ft / 4.470 / 0.074
Grid Coordinate System: NAD27 Colorado State Planes, Northern Zone, US Feet
Location Lat/Long: N 39 52 54.169, W 108 12 37.088
Location Grid N/E Y/X: N 211378.070 ftUS, E 1239480.592 ftUS
Grid Convergence Angle: -1.75121703°
Grid Scale Factor: 0.99997747

Survey / DLS Computation Method: Minimum Curvature / Lubinski
Vertical Section Azimuth: 322.880°
Vertical Section Origin: N 0.000 ft, E 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 7373.0 ft relative to MSL
Sea Bed / Ground Level Elevation: 7373.000 ft relative to MSL
Magnetic Declination: 10.680°
Total Field Strength: 52576.422 nT
Magnetic Dip: 66.077°
Declination Date: February 02, 2010
Magnetic Declination Model: BGGM 2009
North Reference: Grid North
Total Corr Mag North -> Grid North: +12.431°
Local Coordinates Referenced To: Well Head

Comments	Measured Depth (ft)	Inclination (deg)	Azimuth (deg)	Sub-Sea TVD (ft)	TVD (ft)	Vertical Section (ft)	NS (ft)	EW (ft)	DLS (deg/100 ft)	Northing (ftUS)	Easting (ftUS)	Latitude	Longitude
Tie-In	0.00	0.00	322.88	-7373.00	0.00	0.00	0.00	0.00	0.00	211378.07	1239480.59	N 39 52 54.169	W 108 12 37.088
	100.00	0.00	322.88	-7273.00	100.00	0.00	0.00	0.00	0.00	211378.07	1239480.59	N 39 52 54.169	W 108 12 37.088
	200.00	0.00	322.88	-7173.00	200.00	0.00	0.00	0.00	0.00	211378.07	1239480.59	N 39 52 54.169	W 108 12 37.088
	300.00	0.00	322.88	-7073.00	300.00	0.00	0.00	0.00	0.00	211378.07	1239480.59	N 39 52 54.169	W 108 12 37.088
	400.00	2.00	322.88	-6973.02	399.98	1.75	1.39	-1.05	2.00	211379.46	1239479.54	N 39 52 54.182	W 108 12 37.102
KOP, Build 2 deg/100ft	500.00	4.00	322.88	-6873.16	499.84	6.98	5.56	-4.21	2.00	211383.63	1239476.38	N 39 52 54.223	W 108 12 37.145
	600.00	6.00	322.88	-6773.55	599.45	15.69	12.51	-9.47	2.00	211390.58	1239471.12	N 39 52 54.290	W 108 12 37.215
	700.00	8.00	322.88	-6674.30	698.70	27.88	22.23	-16.82	2.00	211400.30	1239463.77	N 39 52 54.384	W 108 12 37.313
	800.00	10.00	322.88	-6575.53	797.47	43.52	34.71	-26.26	2.00	211412.77	1239454.33	N 39 52 54.504	W 108 12 37.439
	900.00	12.00	322.88	-6477.38	895.62	62.60	49.92	-37.78	2.00	211427.99	1239442.82	N 39 52 54.651	W 108 12 37.592
EOC, Hold 14.5 deg A-groove	1000.00	14.00	322.88	-6379.94	993.06	85.10	67.86	-51.35	2.00	211445.93	1239429.24	N 39 52 54.824	W 108 12 37.773
	1025.13	14.50	322.88	-6355.59	1017.41	91.28	72.79	-55.08	2.00	211450.86	1239425.51	N 39 52 54.871	W 108 12 37.823
	1025.74	14.50	322.88	-6355.00	1018.00	91.44	72.91	-55.17	0.00	211450.98	1239425.42	N 39 52 54.873	W 108 12 37.824
	1100.00	14.50	322.88	-6283.10	1089.90	110.03	87.74	-66.40	0.00	211465.81	1239414.20	N 39 52 55.016	W 108 12 37.974
	1200.00	14.50	322.88	-6186.29	1186.71	135.07	107.71	-81.51	0.00	211485.78	1239399.09	N 39 52 55.208	W 108 12 38.176
B-groove	1211.66	14.50	322.88	-6175.00	1198.00	137.99	110.04	-83.27	0.00	211488.11	1239397.32	N 39 52 55.231	W 108 12 38.199
	1300.00	14.50	322.88	-6089.48	1283.52	160.12	127.68	-96.62	0.00	211505.75	1239383.98	N 39 52 55.401	W 108 12 38.377
	1400.00	14.50	322.88	-5992.66	1380.34	185.16	147.65	-111.73	0.00	211525.72	1239368.86	N 39 52 55.594	W 108 12 38.579
	1500.00	14.50	322.88	-5895.85	1477.15	210.20	167.62	-126.84	0.00	211545.68	1239353.75	N 39 52 55.786	W 108 12 38.780
	1600.00	14.50	322.88	-5799.04	1573.96	235.24	187.59	-141.95	0.00	211565.65	1239338.64	N 39 52 55.979	W 108 12 38.982
	1700.00	14.50	322.88	-5702.22	1670.78	260.29	207.56	-157.06	0.00	211585.62	1239323.53	N 39 52 56.172	W 108 12 39.184
	1800.00	14.50	322.88	-5605.41	1767.59	285.33	227.53	-172.17	0.00	211605.59	1239308.42	N 39 52 56.365	W 108 12 39.385
	1900.00	14.50	322.88	-5508.59	1864.41	310.37	247.50	-187.29	0.00	211625.56	1239293.31	N 39 52 56.557	W 108 12 39.587
	2000.00	14.50	322.88	-5411.78	1961.22	335.41	267.46	-202.40	0.00	211645.53	1239278.20	N 39 52 56.750	W 108 12 39.788
	2100.00	14.50	322.88	-5314.97	2058.03	360.46	287.43	-217.51	0.00	211665.50	1239263.09	N 39 52 56.943	W 108 12 39.990
	2200.00	14.50	322.88	-5218.15	2154.85	385.50	307.40	-232.62	0.00	211685.47	1239247.98	N 39 52 57.135	W 108 12 40.191
	2300.00	14.50	322.88	-5121.34	2251.66	410.54	327.37	-247.73	0.00	211705.43	1239232.87	N 39 52 57.328	W 108 12 40.393
	2400.00	14.50	322.88	-5024.53	2348.47	435.58	347.34	-262.84	0.00	211725.40	1239217.76	N 39 52 57.521	W 108 12 40.595
	2500.00	14.50	322.88	-4927.71	2445.29	460.63	367.31	-277.95	0.00	211745.37	1239202.65	N 39 52 57.713	W 108 12 40.796
	2600.00	14.50	322.88	-4830.90	2542.10	485.67	387.28	-293.06	0.00	211765.34	1239187.53	N 39 52 57.906	W 108 12 40.998
Wasatch A	2637.08	14.50	322.88	-4795.00	2578.00	494.95	394.69	-298.67	0.00	211772.75	1239181.93	N 39 52 57.978	W 108 12 41.072
	2700.00	14.50	322.88	-4734.09	2638.91	510.71	407.25	-308.18	0.00	211785.31	1239172.42	N 39 52 58.099	W 108 12 41.199
	2800.00	14.50	322.88	-4637.27	2735.73	535.75	427.22	-323.29	0.00	211805.28	1239157.31	N 39 52 58.291	W 108 12 41.401
	2900.00	14.50	322.88	-4540.46	2832.54	560.79	447.19	-338.40	0.00	211825.25	1239142.20	N 39 52 58.484	W 108 12 41.602
	3000.00	14.50	322.88	-4443.64	2929.36	585.84	467.16	-353.51	0.00	211845.22	1239127.09	N 39 52 58.677	W 108 12 41.804
	3100.00	14.50	322.88	-4346.83	3026.17	610.88	487.13	-368.62	0.00	211865.18	1239111.98	N 39 52 58.870	W 108 12 42.006
	3200.00	14.50	322.88	-4250.02	3122.98	635.92	507.10	-383.73	0.00	211885.15	1239096.87	N 39 52 59.062	W 108 12 42.207
	3300.00	14.50	322.88	-4153.20	3219.80	660.96	527.07	-398.84	0.00	211905.12	1239081.76	N 39 52 59.255	W 108 12 42.409
	3400.00	14.50	322.88	-4056.39	3316.61	686.01	547.03	-413.95	0.00	211925.09	1239066.65	N 39 52 59.448	W 108 12 42.610
	3500.00	14.50	322.88	-3959.58	3413.42	711.05	567.00	-429.07	0.00	211945.06	1239051.54	N 39 52 59.640	W 108 12 42.812
Wasatch C	3600.00	14.50	322.88	-3862.76	3510.24	736.09	586.97	-444.18	0.00	211965.03	1239036.43	N 39 52 59.833	W 108 12 43.014
	3700.00	14.50	322.88	-3765.95	3607.05	761.13	606.94	-459.29	0.00	211985.00	1239021.32	N 39 53 0.026	W 108 12 43.215
	3800.00	14.50	322.88	-3669.14	3703.86	786.18	626.91	-474.40	0.00	212004.97	1239006.20	N 39 53 0.218	W 108 12 43.417
	3897.23	14.50	322.88	-3575.00	3798.00	810.53	646.33	-489.09	0.00	212024.38	1238991.51	N 39 53 0.406	W 108 12 43.613
	3900.00	14.50	322.88	-3572.32	3800.68	811.22	646.88	-489.51	0.00	212024.94	1238991.09	N 39 53 0.411	W 108 12 43.618
10-3/4" Casing Point	3948.88	14.50	322.88	-3525.00	3848.00	823.46	656.64	-496.90	0.00	212034.70	1238983.71	N 39 53 0.505	W 108 12 43.717
	4000.00	14.50	322.88	-3475.51	3897.49	836.26	666.85	-504.62	0.00	212044.90	1238975.98	N 39 53 0.604	W 108 12 43.820
	4100.00	14.50	322.88	-3378.69	3994.31	861.30	686.82	-519.73	0.00	212064.87	1238960.87	N 39 53 0.796	W 108 12 44.021
	4200.00	14.50	322.88	-3281.88	4091.12	886.35	706.79	-534.84	0.00	212084.84	1238945.76	N 39 53 0.989	W 108 12 44.223
	4300.00	14.50	322.88	-3185.07	4187.93	911.39	726.76	-549.95	0.00	212104.81	1238930.65	N 39 53 1.182	W 108 12 44.425
KOP, Drop 2 deg/100ft	4327.53	14.50	322.88	-3158.41	4214.59	918.28	732.26	-554.12	0.00	212110.31	1238926.49	N 39 53 1.235	W 108 12 44.480
	4400.00	13.05	322.88	-3088.03	4284.97	935.54	746.02	-564.53	2.00	212124.07	1238916.08	N 39 53 1.368	W 108 12 44.619
	4500.00	11.05	322.88	-2990.24	4382.76	956.42	762.67	-577.13	2.00	212140.72	1238903.48	N 39 53 1.528	W 108 12 44.787

Vertical Point	4600.00	9.05	322.88	-2891.78	4481.22	973.88	776.59	-587.66	2.00	212154.64	1238892.94	N 39 53 1.663	W 108 12 44.928
	4700.00	7.05	322.88	-2792.77	4580.23	987.89	787.76	-596.12	2.00	212165.81	1238884.49	N 39 53 1.770	W 108 12 45.040
	4800.00	5.05	322.88	-2693.34	4679.66	998.43	796.17	-602.48	2.00	212174.22	1238878.13	N 39 53 1.852	W 108 12 45.125
	4900.00	3.05	322.88	-2593.59	4779.41	1005.50	801.80	-606.74	2.00	212179.85	1238873.86	N 39 53 1.906	W 108 12 45.182
	5000.00	1.05	322.88	-2493.66	4879.34	1009.08	804.66	-608.91	2.00	212182.71	1238871.70	N 39 53 1.934	W 108 12 45.211
	5052.66	0.00	322.88	-2441.00	4932.00	1009.57	805.05	-609.20	2.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5100.00	0.00	322.88	-2393.66	4979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5200.00	0.00	322.88	-2293.66	5079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5300.00	0.00	322.88	-2193.66	5179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5400.00	0.00	322.88	-2093.66	5279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Wasatch G	5500.00	0.00	322.88	-1993.66	5379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5600.00	0.00	322.88	-1893.66	5479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5700.00	0.00	322.88	-1793.66	5579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5723.66	0.00	322.88	-1770.00	5603.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5800.00	0.00	322.88	-1693.66	5679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	5900.00	0.00	322.88	-1593.66	5779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6000.00	0.00	322.88	-1493.66	5879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6100.00	0.00	322.88	-1393.66	5979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6138.66	0.00	322.88	-1355.00	6018.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6200.00	0.00	322.88	-1293.66	6079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Wasatch I	6300.00	0.00	322.88	-1193.66	6179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6400.00	0.00	322.88	-1093.66	6279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6500.00	0.00	322.88	-993.66	6379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6600.00	0.00	322.88	-893.66	6479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6700.00	0.00	322.88	-793.66	6579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6800.00	0.00	322.88	-693.66	6679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	6900.00	0.00	322.88	-593.66	6779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7000.00	0.00	322.88	-493.66	6879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7100.00	0.00	322.88	-393.66	6979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7200.00	0.00	322.88	-293.66	7079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Ohio Creek	7300.00	0.00	322.88	-193.66	7179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7400.00	0.00	322.88	-93.66	7279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7500.00	0.00	322.88	6.34	7379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7600.00	0.00	322.88	106.34	7479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7623.66	0.00	322.88	130.00	7503.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7700.00	0.00	322.88	206.34	7579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7793.66	0.00	322.88	300.00	7673.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7800.00	0.00	322.88	306.34	7679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	7900.00	0.00	322.88	406.34	7779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8000.00	0.00	322.88	506.34	7879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
WF 850	8100.00	0.00	322.88	606.34	7979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8153.66	0.00	322.88	660.00	8033.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8200.00	0.00	322.88	706.34	8079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8300.00	0.00	322.88	806.34	8179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8393.66	0.00	322.88	900.00	8273.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8400.00	0.00	322.88	906.34	8279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8500.00	0.00	322.88	1006.34	8379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8600.00	0.00	322.88	1106.34	8479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8683.66	0.00	322.88	1190.00	8563.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8700.00	0.00	322.88	1206.34	8579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
WF 800	8800.00	0.00	322.88	1306.34	8679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8900.00	0.00	322.88	1406.34	8779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	8913.66	0.00	322.88	1420.00	8793.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	9000.00	0.00	322.88	1506.34	8879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	9063.66	0.00	322.88	1570.00	8943.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	9100.00	0.00	322.88	1606.34	8979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	9200.00	0.00	322.88	1706.34	9079.34	1009.57	805.05	-609.20	0.00	212183.10			

	10600.00	0.00	322.88	3106.34	10479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	10700.00	0.00	322.88	3206.34	10579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	10800.00	0.00	322.88	3306.34	10679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	10900.00	0.00	322.88	3406.34	10779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11000.00	0.00	322.88	3506.34	10879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
WF 200	11100.00	0.00	322.88	3606.34	10979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11200.00	0.00	322.88	3706.34	11079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11300.00	0.00	322.88	3806.34	11179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11363.66	0.00	322.88	3870.00	11243.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11400.00	0.00	322.88	3906.34	11279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Cameo	11500.00	0.00	322.88	4006.34	11379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11600.00	0.00	322.88	4106.34	11479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11643.66	0.00	322.88	4150.00	11523.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11700.00	0.00	322.88	4206.34	11579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11800.00	0.00	322.88	4306.34	11679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Rollins	11900.00	0.00	322.88	4406.34	11779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	11983.66	0.00	322.88	4490.00	11863.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12000.00	0.00	322.88	4506.34	11879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12100.00	0.00	322.88	4606.34	11979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12200.00	0.00	322.88	4706.34	12079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Trans-Cozzette Cozzette Coastal	12203.66	0.00	322.88	4710.00	12083.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12293.66	0.00	322.88	4800.00	12173.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12300.00	0.00	322.88	4806.34	12179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12400.00	0.00	322.88	4906.34	12279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12500.00	0.00	322.88	5006.34	12379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Corcoran Coastal	12600.00	0.00	322.88	5106.34	12479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12633.66	0.00	322.88	5140.00	12513.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12700.00	0.00	322.88	5206.34	12579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12800.00	0.00	322.88	5306.34	12679.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	12900.00	0.00	322.88	5406.34	12779.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
Corcoran Marine	13000.00	0.00	322.88	5506.34	12879.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13100.00	0.00	322.88	5606.34	12979.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13200.00	0.00	322.88	5706.34	13079.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13300.00	0.00	322.88	5806.34	13179.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13400.00	0.00	322.88	5906.34	13279.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13500.00	0.00	322.88	6006.34	13379.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13558.66	0.00	322.88	6065.00	13438.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13600.00	0.00	322.88	6106.34	13479.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13700.00	0.00	322.88	6206.34	13579.34	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
	13758.66	0.00	322.88	6265.00	13638.00	1009.57	805.05	-609.20	0.00	212183.10	1238871.41	N 39 53 1.937	W 108 12 45.215
TD													

Survey Type: Non-Def Proposal

Survey Error Model: SLB ISCWSA version 24 *** 3-D 95.00% Confidence 2.7955 sigma

Surveying Prog:

MD From (ft)	MD To (ft)	EOU Freq	Survey Tool Type	Borehole -> Survey
0.00	1025.74	1/100.00	SLB_NSG+SSHOT	Original Hole -> PCU 296-18D17 R0 ivs 2-Feb-10
1025.74	5052.66	1/100.00	SLB_MWD-STD	Original Hole -> PCU 296-18D17 R0 ivs 2-Feb-10
5052.66	13758.66	1/100.00	SLB_INC-ONLY	Original Hole -> PCU 296-18D17 R0 ivs 2-Feb-10