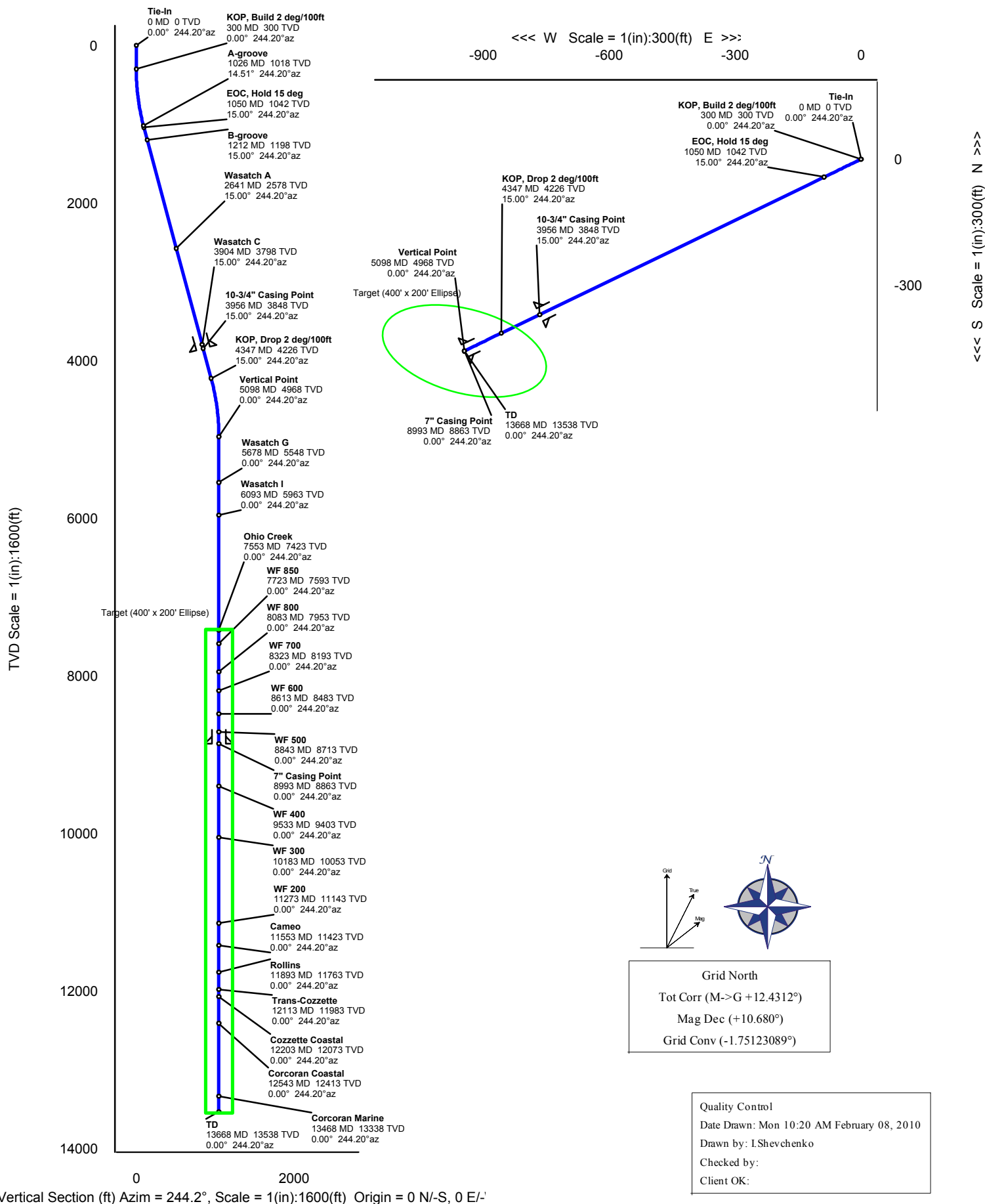


WELL <b>PCU 296-18D19</b>			FIELD <b>CO, Rio Blanco County</b>			STRUCTURE <b>TBA</b>		
Magnetic Parameters Model: BGGM 2009      Dip: 66.077°      Date: February 02, 2010 Mag Dec: +10.680°      FS: 52576.4 nT			Surface Location Lat: N39 52 54.033      Northing: 211364.53 fUS      Grid Conv: -1.75123089° Lon: W108 12 37.166      Easting: 1239474.15 fUS      Scale Fact: 0.9999774699			Miscellaneous Slot: PCU 296-18D19      TYD Ref: RKB (7373.00 ft above MSL) Plan: PCU 296-18D19 R0      Sny Date: February 04, 2010		





# PCU 296-18D19 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 296-18D19  
Well: PCU 296-18D19  
Borehole: Original Hole  
UWI/API#:   
Survey Name / Date: PCU 296-18D19 R0 ivs 2-Feb-10 / February 4, 2010  
Tort / AHD / DDI / ERD ratio: 30.009° / 1048.94 ft / 4.502 / 0.077  
Grid Coordinate System: NAD27 Colorado State Planes, Northern Zone, US Feet  
Location Lat/Long: N 39 52 54.033, W 108 12 37.166  
Location Grid N/E Y/X: N 211364.529 ftUS, E 1239474.152 ftUS  
Grid Convergence Angle: -1.75123089°  
Grid Scale Factor: 0.99997747

Survey / DLS Computation Method: Minimum Curvature / Lubinski  
Vertical Section Azimuth: 244.200°  
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: 52576.399 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	244.20	-7373.00	0.00	0.00	0.00	0.00	0.00	211364.53	1239474.15	N 39 52 54.033	W 108 12 37.166
	100.00	0.00	244.20	-7273.00	100.00	0.00	0.00	0.00	0.00	211364.53	1239474.15	N 39 52 54.033	W 108 12 37.166
	200.00	0.00	244.20	-7173.00	200.00	0.00	0.00	0.00	0.00	211364.53	1239474.15	N 39 52 54.033	W 108 12 37.166
	300.00	0.00	244.20	-7073.00	300.00	0.00	0.00	0.00	0.00	211364.53	1239474.15	N 39 52 54.033	W 108 12 37.166
	400.00	2.00	244.20	-6973.02	399.98	1.75	-0.76	-1.57	2.00	211363.77	1239472.58	N 39 52 54.025	W 108 12 37.186
KOP, Build 2 deg/100ft	500.00	4.00	244.20	-6873.16	499.84	6.98	-3.04	-6.28	2.00	211361.49	1239467.87	N 39 52 54.001	W 108 12 37.245
	600.00	6.00	244.20	-6773.55	599.45	15.69	-6.83	-14.13	2.00	211357.70	1239460.02	N 39 52 53.962	W 108 12 37.344
	700.00	8.00	244.20	-6674.30	698.70	27.88	-12.13	-25.10	2.00	211352.40	1239449.05	N 39 52 53.906	W 108 12 37.483
	800.00	10.00	244.20	-6575.53	797.47	43.52	-18.94	-39.19	2.00	211345.59	1239434.97	N 39 52 53.834	W 108 12 37.661
	900.00	12.00	244.20	-6477.38	895.62	62.60	-27.24	-56.36	2.00	211337.29	1239417.79	N 39 52 53.747	W 108 12 37.878
A-groove EOC, Hold 15 deg	1000.00	14.00	244.20	-6379.94	993.06	85.10	-37.03	-76.62	2.00	211327.50	1239397.54	N 39 52 53.644	W 108 12 38.133
	1025.74	14.51	244.20	-6355.00	1018.00	91.44	-39.79	-82.32	2.00	211324.74	1239391.83	N 39 52 53.615	W 108 12 38.206
	1050.22	15.00	244.20	-6331.32	1041.68	97.67	-42.50	-87.94	2.00	211322.03	1239386.21	N 39 52 53.587	W 108 12 38.277
	1100.00	15.00	244.20	-6283.24	1089.76	110.56	-48.11	-99.54	0.00	211316.42	1239374.61	N 39 52 53.528	W 108 12 38.423
	1200.00	15.00	244.20	-6186.65	1186.35	136.45	-59.38	-122.85	0.00	211305.15	1239351.30	N 39 52 53.410	W 108 12 38.718
B-groove	1212.06	15.00	244.20	-6175.00	1198.00	139.57	-60.74	-125.66	0.00	211303.79	1239348.49	N 39 52 53.395	W 108 12 38.753
	1300.00	15.00	244.20	-6090.06	1282.94	162.34	-70.65	-146.16	0.00	211293.89	1239327.99	N 39 52 53.291	W 108 12 39.012
	1400.00	15.00	244.20	-5993.47	1379.53	188.23	-81.91	-169.47	0.00	211282.62	1239304.69	N 39 52 53.173	W 108 12 39.306
	1500.00	15.00	244.20	-5896.88	1476.12	214.12	-93.18	-192.78	0.00	211271.35	1239281.38	N 39 52 53.055	W 108 12 39.601
	1600.00	15.00	244.20	-5800.29	1572.71	240.01	-104.44	-216.09	0.00	211260.09	1239258.07	N 39 52 52.936	W 108 12 39.895
	1700.00	15.00	244.20	-5703.70	1669.30	265.90	-115.71	-239.40	0.00	211248.82	1239234.76	N 39 52 52.818	W 108 12 40.190
	1800.00	15.00	244.20	-5607.11	1765.89	291.79	-126.98	-262.71	0.00	211237.56	1239211.45	N 39 52 52.700	W 108 12 40.484
	1900.00	15.00	244.20	-5510.52	1862.48	317.68	-138.24	-286.02	0.00	211226.29	1239188.14	N 39 52 52.581	W 108 12 40.779
	2000.00	15.00	244.20	-5413.93	1959.07	343.57	-149.51	-309.33	0.00	211215.02	1239164.83	N 39 52 52.463	W 108 12 41.073
	2100.00	15.00	244.20	-5317.34	2055.66	369.45	-160.78	-332.64	0.00	211203.76	1239141.52	N 39 52 52.345	W 108 12 41.367
	2200.00	15.00	244.20	-5220.75	2152.25	395.34	-172.04	-355.95	0.00	211192.49	1239118.21	N 39 52 52.226	W 108 12 41.662
	2300.00	15.00	244.20	-5124.16	2248.84	421.23	-183.31	-379.26	0.00	211181.23	1239094.90	N 39 52 52.108	W 108 12 41.956
	2400.00	15.00	244.20	-5027.57	2345.43	447.12	-194.57	-402.57	0.00	211169.96	1239071.60	N 39 52 51.990	W 108 12 42.251
	2500.00	15.00	244.20	-4930.97	2442.03	473.01	-205.84	-425.88	0.00	211158.69	1239048.29	N 39 52 51.871	W 108 12 42.545
	2600.00	15.00	244.20	-4834.38	2538.62	498.90	-217.11	-449.19	0.00	211147.43	1239024.98	N 39 52 51.753	W 108 12 42.840
Wasatch A	2640.77	15.00	244.20	-4795.00	2578.00	509.46	-221.70	-458.69	0.00	211142.83	1239015.47	N 39 52 51.705	W 108 12 42.960
	2700.00	15.00	244.20	-4737.79	2635.21	524.79	-228.37	-472.49	0.00	211136.16	1239001.67	N 39 52 51.635	W 108 12 43.134
	2800.00	15.00	244.20	-4641.20	2731.80	550.68	-239.64	-495.80	0.00	211124.89	1238978.36	N 39 52 51.516	W 108 12 43.428
	2900.00	15.00	244.20	-4544.61	2828.39	576.57	-250.91	-519.11	0.00	211113.63	1238955.05	N 39 52 51.398	W 108 12 43.723
	3000.00	15.00	244.20	-4448.02	2924.98	602.46	-262.17	-542.42	0.00	211102.36	1238931.74	N 39 52 51.280	W 108 12 44.017
	3100.00	15.00	244.20	-4351.43	3021.57	628.35	-273.44	-565.73	0.00	211091.10	1238908.43	N 39 52 51.161	W 108 12 44.312
	3200.00	15.00	244.20	-4254.84	3118.16	654.24	-284.71	-589.04	0.00	211079.83	1238885.12	N 39 52 51.043	W 108 12 44.606
	3300.00	15.00	244.20	-4158.25	3214.75	680.13	-295.97	-612.35	0.00	211068.56	1238861.82	N 39 52 50.925	W 108 12 44.901
	3400.00	15.00	244.20	-4061.66	3311.34	706.02	-307.24	-635.66	0.00	211057.30	1238838.51	N 39 52 50.806	W 108 12 45.195
	3500.00	15.00	244.20	-3965.07	3407.93	731.91	-318.50	-658.97	0.00	211046.03	1238815.20	N 39 52 50.688	W 108 12 45.490
	3600.00	15.00	244.20	-3868.48	3504.52	757.80	-329.77	-682.28	0.00	211034.77	1238791.89	N 39 52 50.570	W 108 12 45.784
	3700.00	15.00	244.20	-3771.89	3601.11	783.69	-341.04	-705.59	0.00	211023.50	1238768.58	N 39 52 50.451	W 108 12 46.078
	3800.00	15.00	244.20	-3675.30	3697.70	809.58	-352.30	-728.90	0.00	211012.23	1238745.27	N 39 52 50.333	W 108 12 46.373
	3900.00	15.00	244.20	-3578.71	3794.29	835.46	-363.57	-752.21	0.00	211000.97	1238721.96	N 39 52 50.215	W 108 12 46.667
	3903.84	15.00	244.20	-3575.00	3798.00	836.46	-364.00	-753.10	0.00	211000.54	1238721.07	N 39 52 50.210	W 108 12 46.679
10-3/4" Casing Point	3955.60	15.00	244.20	-3525.00	3848.00	849.86	-369.83	-765.17	0.00	210994.70	1238709.00	N 39 52 50.149	W 108 12 46.831
	4000.00	15.00	244.20	-3482.12	3890.88	861.35	-374.84	-775.52	0.00	210989.70	1238698.65	N 39 52 50.096	W 108 12 46.962
	4100.00	15.00	244.20	-3385.53	3987.47	887.24	-386.10	-798.83	0.00	210978.44	1238675.34	N 39 52 49.978	W 108 12 47.256
	4200.00	15.00	244.20	-3288.94	4084.06	913.13	-397.37	-822.14	0.00	210967.17	1238652.03	N 39 52 49.860	W 108 12 47.551
	4300.00	15.00	244.20	-3192.34	4180.66	939.02	-408.64	-845.45	0.00	210955.90	1238628.73	N 39 52 49.741	W 108 12 47.845
KOP, Drop 2 deg/100ft	4347.28	15.00	244.20	-3146.68	4226.32	951.26	-413.96	-856.47	0.00	210950.58	1238617.71	N 39 52 49.685	W 108 12 47.984
	4400.00	13.95	244.20	-3095.63	4277.37	964.44	-419.70	-868.33	2.00	210944.84	1238605.84	N 39 52 49.625	W 108 12 48.134
	4500.00	11.95	244.20	-2998.18	4374.82	986.85	-429.45	-888.51	2.00	210935.09	1238585.66	N 39 52 49.523	W 108 12 48.389

Vertical Point	4600.00	9.95	244.20	-2900.01	4472.99	1005.85	-437.71	-905.61	2.00	210926.83	1238568.56	N 39 52 49.436	W 108 12 48.605
	4700.00	7.95	244.20	-2801.23	4571.77	1021.40	-444.48	-919.62	2.00	210920.06	1238554.56	N 39 52 49.365	W 108 12 48.782
	4800.00	5.95	244.20	-2701.97	4671.03	1033.50	-449.75	-930.51	2.00	210914.79	1238543.66	N 39 52 49.309	W 108 12 48.915
	4900.00	3.95	244.20	-2602.35	4770.65	1042.13	-453.50	-938.28	2.00	210911.04	1238535.90	N 39 52 49.270	W 108 12 49.018
	5000.00	1.95	244.20	-2502.48	4870.52	1047.28	-455.74	-942.91	2.00	210908.80	1238531.26	N 39 52 49.247	W 108 12 49.076
	5097.50	0.00	244.20	-2405.00	4968.00	1048.94	-456.47	-944.41	2.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5100.00	0.00	244.20	-2402.50	4970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5200.00	0.00	244.20	-2302.50	5070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5300.00	0.00	244.20	-2202.50	5170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5400.00	0.00	244.20	-2102.50	5270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Wasatch G	5500.00	0.00	244.20	-2002.50	5370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5600.00	0.00	244.20	-1902.50	5470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5677.50	0.00	244.20	-1825.00	5548.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5700.00	0.00	244.20	-1802.50	5570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	5800.00	0.00	244.20	-1702.50	5670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Wasatch I	5900.00	0.00	244.20	-1602.50	5770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6000.00	0.00	244.20	-1502.50	5870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6092.50	0.00	244.20	-1410.00	5963.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6100.00	0.00	244.20	-1402.50	5970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6200.00	0.00	244.20	-1302.50	6070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Ohio Creek	6300.00	0.00	244.20	-1202.50	6170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6400.00	0.00	244.20	-1102.50	6270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6500.00	0.00	244.20	-1002.50	6370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6600.00	0.00	244.20	-902.50	6470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6700.00	0.00	244.20	-802.50	6570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6800.00	0.00	244.20	-702.50	6670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	6900.00	0.00	244.20	-602.50	6770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7000.00	0.00	244.20	-502.50	6870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7100.00	0.00	244.20	-402.50	6970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7200.00	0.00	244.20	-302.50	7070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 850	7300.00	0.00	244.20	-202.50	7170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7400.00	0.00	244.20	-102.50	7270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7500.00	0.00	244.20	-2.50	7370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7552.50	0.00	244.20	50.00	7423.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7600.00	0.00	244.20	97.50	7470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 800	7700.00	0.00	244.20	197.50	7570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7722.50	0.00	244.20	220.00	7593.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7800.00	0.00	244.20	297.50	7670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	7900.00	0.00	244.20	397.50	7770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8000.00	0.00	244.20	497.50	7870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 700	8082.50	0.00	244.20	580.00	7953.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8100.00	0.00	244.20	597.50	7970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8200.00	0.00	244.20	697.50	8070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8300.00	0.00	244.20	797.50	8170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8322.50	0.00	244.20	820.00	8193.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 600	8400.00	0.00	244.20	897.50	8270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8500.00	0.00	244.20	997.50	8370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8600.00	0.00	244.20	1097.50	8470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8612.50	0.00	244.20	1110.00	8483.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8700.00	0.00	244.20	1197.50	8570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 500	8800.00	0.00	244.20	1297.50	8670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8842.50	0.00	244.20	1340.00	8713.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8900.00	0.00	244.20	1397.50	8770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	8992.50	0.00	244.20	1490.00	8863.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	9000.00	0.00	244.20	1497.50	8870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
7" Casing Point	9100.00	0.00	244.20	1597.50	8970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095

	10600.00	0.00	244.20	3097.50	10470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	10700.00	0.00	244.20	3197.50	10570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	10800.00	0.00	244.20	3297.50	10670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	10900.00	0.00	244.20	3397.50	10770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11000.00	0.00	244.20	3497.50	10870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
WF 200	11100.00	0.00	244.20	3597.50	10970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11200.00	0.00	244.20	3697.50	11070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11272.50	0.00	244.20	3770.00	11143.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11300.00	0.00	244.20	3797.50	11170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11400.00	0.00	244.20	3897.50	11270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Cameo	11500.00	0.00	244.20	3997.50	11370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11552.50	0.00	244.20	4050.00	11423.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11600.00	0.00	244.20	4097.50	11470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11700.00	0.00	244.20	4197.50	11570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11800.00	0.00	244.20	4297.50	11670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Rollins	11892.50	0.00	244.20	4390.00	11763.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	11900.00	0.00	244.20	4397.50	11770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12000.00	0.00	244.20	4497.50	11870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Trans-Cozzette	12100.00	0.00	244.20	4597.50	11970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12112.50	0.00	244.20	4610.00	11983.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Cozzette Coastal	12200.00	0.00	244.20	4697.50	12070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12202.50	0.00	244.20	4700.00	12073.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12300.00	0.00	244.20	4797.50	12170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12400.00	0.00	244.20	4897.50	12270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12500.00	0.00	244.20	4997.50	12370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Corcoran Coastal	12542.50	0.00	244.20	5040.00	12413.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12600.00	0.00	244.20	5097.50	12470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12700.00	0.00	244.20	5197.50	12570.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12800.00	0.00	244.20	5297.50	12670.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	12900.00	0.00	244.20	5397.50	12770.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13000.00	0.00	244.20	5497.50	12870.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13100.00	0.00	244.20	5597.50	12970.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13200.00	0.00	244.20	5697.50	13070.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13300.00	0.00	244.20	5797.50	13170.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13400.00	0.00	244.20	5897.50	13270.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
Corcoran Marine	13467.50	0.00	244.20	5965.00	13338.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13500.00	0.00	244.20	5997.50	13370.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
	13600.00	0.00	244.20	6097.50	13470.50	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095
TD	13667.50	0.00	244.20	6165.00	13538.00	1048.94	-456.47	-944.41	0.00	210908.07	1238529.77	N 39 52 49.239	W 108 12 49.095

**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 )**

0.00

1050.22

5097.50

**MD To ( ft )**

1050.22

5097.50

13667.50

**EOU Freq**

1/100.00

1/100.00

1/100.00

**Survey Tool Type**

SLB\_NSG+SSHOT

SLB\_MWD-STD

SLB\_INC-ONLY

**Borehole -> Survey**

Original Hole -> PCU 296-18D19 R0 ivs 2-Feb-10

Original Hole -> PCU 296-18D19 R0 ivs 2-Feb-10

Original Hole -> PCU 296-18D19 R0 ivs 2-Feb-10