

WELL	Federal 28-11	FIELD	Mesa County, CO	STRUCTURE	28-09S-96W (PL28SW Pad)
Magnetic Parameters	Model: BGM 2010	Dip: 65.548°	Date: December 13, 2010	Surface Location	NAD83 UTM Zone 13N, US Feet
	Mag Dec: 10.440°	F.S. 52132.5m		Lat: N 39 14 35.545	Nothing: 14266320.74 BUS
				Lon: W 108 6 43.823	Easting: 759217.14 BUS
					Grid Conv: -1.96997873°
					Scale Fact: 1.00048835
Miscellaneous	Slot: Federal 28-11	TVD Ref: RKB(6107ft above MSL)			
	Plan: RD ors 13-Dec-10	Srvy Date: December 13, 2010			

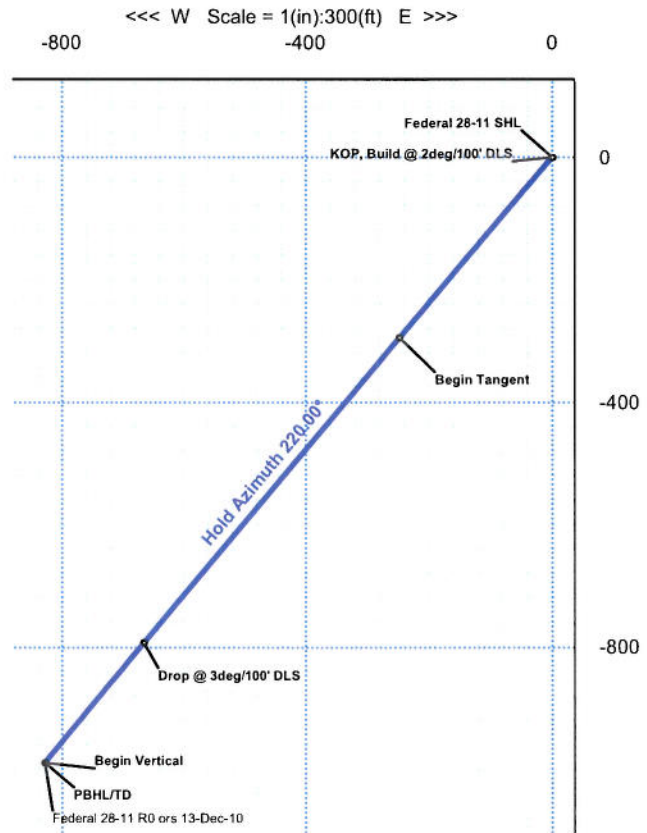
Proposal

Rev 0

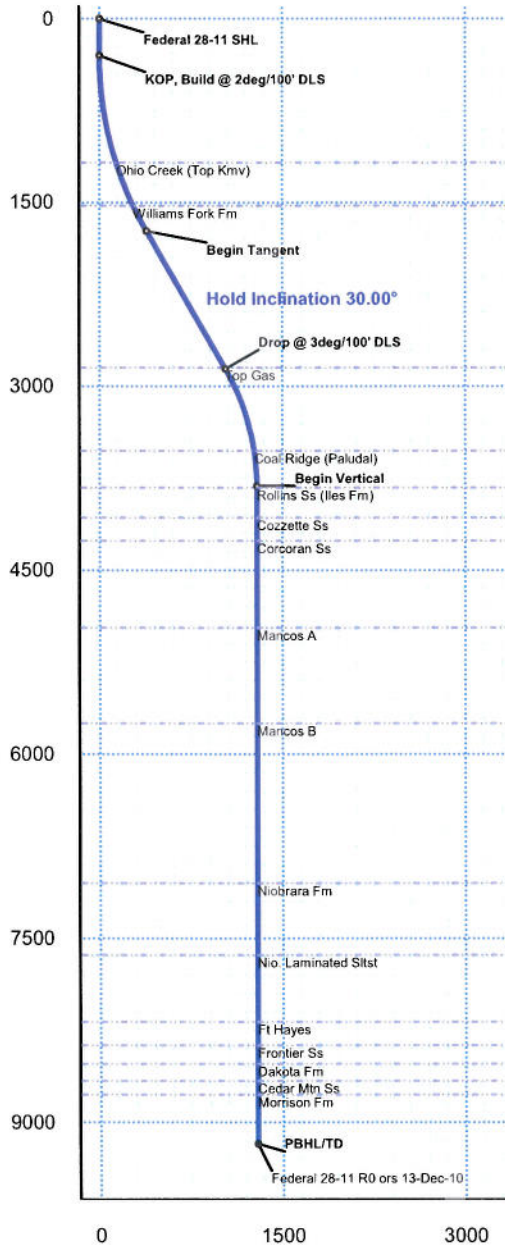


Quality Control
Date Drawn: December 16, 2010
02:48:30 PM
Drawn by: Matt VanderSchaaf
Checked by: Oswaldo Salazar
Client OK:

Grid North
Tot Corr (M->G 12.4095°)
Mag Dec (10.440°)
Grid Conv (-1.96997873°)



TVD Scale = 1(in):1500(ft)



Surface Location
Nothing: 14266320.74 Easting: 759217.14

Critical Point	MD	INCL	AZIM	TVD	VSEC	N(+) / S(-)	E(+) / W(-)	DLS
Federal 28-11 SHL	0.00	0.00	220.00	0.00	0.00	0.00	0.00	
KOP, Build @ 2deg/100' DLS	300.00	0.00	220.00	300.00	0.00	0.00	0.00	0.00
Ohio Creek (Top Kmrv)	1189.21	17.78	220.00	1175.00	136.90	-104.87	-88.00	2.00
Williams Fork Fm	1568.00	25.36	220.00	1527.00	276.07	-211.48	-177.45	2.00
Begin Tangent	1800.00	30.00	220.00	1732.39	383.81	-294.01	-246.71	2.00
Top Gas	3088.19	30.00	220.00	2848.00	1027.90	-787.42	-660.72	0.00
Drop @ 3deg/100' DLS	3100.00	30.00	220.00	2858.23	1033.81	-791.94	-664.52	0.00
Coal Ridge (Paludal)	3813.77	8.59	220.00	3528.00	1268.27	-971.55	-815.23	3.00
Begin Vertical	4100.00	0.00	220.00	3813.16	1289.68	-987.95	-828.99	3.00
Rollins Ss (Iles Fm)	4114.84	0.00	220.00	3828.00	1289.68	-987.95	-828.99	0.00
Cozzette Ss	4358.84	0.00	220.00	4072.00	1289.68	-987.95	-828.99	0.00
Corcoran Ss	4547.84	0.00	220.00	4261.00	1289.68	-987.95	-828.99	0.00
Mancos A	5257.84	0.00	220.00	4971.00	1289.68	-987.95	-828.99	0.00
Mancos B	6036.84	0.00	220.00	5750.00	1289.68	-987.95	-828.99	0.00
Niobrara Fm	7338.84	0.00	220.00	7052.00	1289.68	-987.95	-828.99	0.00
Nio. Laminated Siltst	7924.84	0.00	220.00	7638.00	1289.68	-987.95	-828.99	0.00
Fl Hayes	8468.84	0.00	220.00	8182.00	1289.68	-987.95	-828.99	0.00
Frontier Ss	8658.84	0.00	220.00	8372.00	1289.68	-987.95	-828.99	0.00
Dakota Fm	8812.84	0.00	220.00	8526.00	1289.68	-987.95	-828.99	0.00
Cedar Mtn Ss	8948.84	0.00	220.00	8662.00	1289.68	-987.95	-828.99	0.00
Morrison Fm	9062.84	0.00	220.00	8776.00	1289.68	-987.95	-828.99	0.00
PBHL/TD	9462.84	0.00	220.00	9176.00	1289.68	-987.95	-828.99	0.00

Vertical Section (ft) Azim = 220°, Scale = 1(in):1500(ft) Origin = 0 N/-S, 0 E/-W

Federal 28-11 R0 ors 13-Dec-10 Proposal Report

(Def Plan)

Report Date: December 16, 2010 - 02:47 PM
 Client: EnCana Oil & Gas (USA) Inc.
 Field: CO, Mesa County (NAD 83 UTM 13) EnCana 2010
 Structure / Slot: Encana 28-09S-96W (PL28SW Pad) / Federal 28-11
 Well: Federal 28-11
 Borehole: Original Hole
 UWI / API#: Unknown / Unknown
 Survey Name: Federal 28-11 R0 ors 13-Dec-10
 Survey Date: December 13, 2010
 Tort / AHD / DDI / ERD Ratio: 60.000 ° / 1289.682 ft / 4.902 / 0.141
 Grid Coordinate System: NAD83 UTM Zone 13N, US Feet
 Location Lat / Long: N 39° 14' 35.54500", W 108° 6' 43.82302"
 Location Grid N/E Y/X: N 14266320 744 RUS, E 759217.144 RUS
 Grid Convergence Angle: -1.96997873 °
 Grid Scale Factor: 1.00048835

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 220.000 ° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 6107.000 ft above MSL
 Seabed / Ground Elevation: 6085.000 ft above MSL
 Magnetic Declination: 10.440 °
 Total Field Strength: 52132.470 nT
 Magnetic Dip Angle: 65.548 °
 Declination Date: December 13, 2010
 Magnetic Declination Model: BGGM 2010
 North Reference: Grid North
 Grid Correction: -1.970 °
 Total Corr Mag North->Grid North: 12.410 °
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northings (ftUS)	Easting (ftUS)	Latitude (N/S ° ' '')	Longitude (E/W ° ' '')
Federal 28-11 SHL	0.00	0.00	220.00	0.00	0.00	0.00	0.00	N/A	14266320.74	759217.14	N 39 14 35.55	W 108 6 43.82
	100.00	0.00	220.00	100.00	0.00	0.00	0.00	0.00	14266320.74	759217.14	N 39 14 35.55	W 108 6 43.82
	200.00	0.00	220.00	200.00	0.00	0.00	0.00	0.00	14266320.74	759217.14	N 39 14 35.55	W 108 6 43.82
KOP, Build @ 2deg/100' DLS	300.00	0.00	220.00	300.00	0.00	0.00	0.00	0.00	14266320.74	759217.14	N 39 14 35.55	W 108 6 43.82
	400.00	2.00	220.00	399.98	1.75	-1.34	-1.12	2.00	14266319.41	759216.02	N 39 14 35.53	W 108 6 43.84
	500.00	4.00	220.00	499.84	6.98	-5.35	-4.49	2.00	14266315.40	759212.66	N 39 14 35.49	W 108 6 43.88
	600.00	6.00	220.00	599.45	15.69	-12.02	-10.09	2.00	14266308.72	759207.05	N 39 14 35.42	W 108 6 43.95
	700.00	8.00	220.00	698.70	27.88	-21.36	-17.92	2.00	14266299.38	759199.21	N 39 14 35.33	W 108 6 44.04
	800.00	10.00	220.00	797.47	43.52	-33.34	-27.98	2.00	14266287.39	759189.16	N 39 14 35.21	W 108 6 44.16
	900.00	12.00	220.00	895.62	62.60	-47.96	-40.24	2.00	14266272.76	759176.88	N 39 14 35.06	W 108 6 44.31
	1000.00	14.00	220.00	993.06	85.10	-65.19	-54.70	2.00	14266255.52	759162.42	N 39 14 34.88	W 108 6 44.49
	1100.00	16.00	220.00	1089.64	110.98	-85.01	-71.33	2.00	14266235.69	759145.78	N 39 14 34.68	W 108 6 44.69
Ohio Creek (Top Kmv)	1189.21	17.78	220.00	1175.00	136.90	-104.87	-88.00	2.00	14266215.82	759129.11	N 39 14 34.48	W 108 6 44.90
	1200.00	18.00	220.00	1185.27	140.21	-107.41	-90.13	2.00	14266213.28	759126.97	N 39 14 34.45	W 108 6 44.92
	1300.00	20.00	220.00	1279.82	172.77	-132.35	-111.05	2.00	14266188.33	759106.04	N 39 14 34.20	W 108 6 45.18
	1400.00	22.00	220.00	1373.17	208.60	-159.80	-134.09	2.00	14266160.87	759082.99	N 39 14 33.92	W 108 6 45.46
	1500.00	24.00	220.00	1465.21	247.67	-189.73	-159.20	2.00	14266130.92	759057.87	N 39 14 33.62	W 108 6 45.76
Williams Fork Fm	1568.00	25.36	220.00	1527.00	276.07	-211.48	-177.45	2.00	14266109.16	759039.61	N 39 14 33.40	W 108 6 45.98
	1600.00	26.00	220.00	1555.84	289.93	-222.10	-186.37	2.00	14266098.53	759030.69	N 39 14 33.29	W 108 6 46.09
	1700.00	28.00	220.00	1644.94	335.33	-256.88	-215.55	2.00	14266063.74	759001.49	N 39 14 32.93	W 108 6 46.45
Begin Tangent	1800.00	30.00	220.00	1732.39	383.81	-294.01	-246.71	2.00	14266026.59	758970.32	N 39 14 32.56	W 108 6 46.83
	1900.00	30.00	220.00	1819.00	433.81	-332.32	-278.85	0.00	14265988.72	758938.16	N 39 14 32.17	W 108 6 47.22
	2000.00	30.00	220.00	1905.60	483.81	-370.62	-310.99	0.00	14265949.94	758906.01	N 39 14 31.78	W 108 6 47.61
	2100.00	30.00	220.00	1992.20	533.81	-408.92	-343.13	0.00	14265911.62	758873.85	N 39 14 31.39	W 108 6 48.00
	2200.00	30.00	220.00	2078.80	583.81	-447.22	-375.27	0.00	14265873.30	758841.70	N 39 14 31.00	W 108 6 48.39
	2300.00	30.00	220.00	2165.41	633.81	-485.53	-407.40	0.00	14265834.98	758809.54	N 39 14 30.61	W 108 6 48.79
	2400.00	30.00	220.00	2252.01	683.81	-523.83	-439.54	0.00	14265796.66	758777.39	N 39 14 30.22	W 108 6 49.18
	2500.00	30.00	220.00	2338.61	733.81	-562.13	-471.68	0.00	14265758.34	758745.23	N 39 14 29.83	W 108 6 49.57
	2600.00	30.00	220.00	2425.21	783.81	-600.43	-503.82	0.00	14265720.02	758713.08	N 39 14 29.44	W 108 6 49.96
	2700.00	30.00	220.00	2511.82	833.81	-638.73	-535.96	0.00	14265681.70	758680.92	N 39 14 29.05	W 108 6 50.35
	2800.00	30.00	220.00	2598.42	883.81	-677.04	-568.10	0.00	14265643.38	758648.77	N 39 14 28.66	W 108 6 50.74
	2900.00	30.00	220.00	2685.02	933.81	-715.34	-600.24	0.00	14265605.06	758616.61	N 39 14 28.28	W 108 6 51.14
	3000.00	30.00	220.00	2771.62	983.81	-753.64	-632.38	0.00	14265566.74	758584.46	N 39 14 27.89	W 108 6 51.53
Top Gas Drop @ 3deg/100' DLS	3088.19	30.00	220.00	2848.00	1027.90	-787.42	-660.72	0.00	14265532.94	758556.10	N 39 14 27.54	W 108 6 51.87
	3100.00	30.00	220.00	2858.23	1033.81	-791.94	-664.52	0.00	14265528.42	758552.30	N 39 14 27.50	W 108 6 51.92
	3200.00	27.00	220.00	2946.10	1081.52	-828.49	-695.19	3.00	14265491.85	758521.62	N 39 14 27.13	W 108 6 52.29
	3300.00	24.00	220.00	3036.35	1124.57	-861.47	-722.86	3.00	14265458.86	758493.94	N 39 14 26.79	W 108 6 52.63
	3400.00	21.00	220.00	3128.72	1162.83	-890.78	-747.45	3.00	14265429.53	758469.33	N 39 14 26.49	W 108 6 52.93
	3500.00	18.00	220.00	3222.98	1196.21	-916.35	-768.91	3.00	14265403.95	758447.86	N 39 14 26.23	W 108 6 53.19
	3600.00	15.00	220.00	3318.85	1224.60	-938.10	-787.16	3.00	14265382.19	758429.60	N 39 14 26.01	W 108 6 53.41
	3700.00	12.00	220.00	3416.08	1247.95	-955.98	-802.16	3.00	14265364.30	758414.59	N 39 14 25.83	W 108 6 53.59
	3800.00	9.00	220.00	3514.39	1267.17	-969.94	-813.88	3.00	14265350.33	758402.87	N 39 14 25.69	W 108 6 53.74
Coal Ridge (Paludal)	3813.77	8.59	220.00	3528.00	1268.27	-971.55	-815.23	3.00	14265348.72	758401.52	N 39 14 25.67	W 108 6 53.75
	3900.00	6.00	220.00	3613.52	1279.22	-979.94	-822.27	3.00	14265340.33	758394.48	N 39 14 25.59	W 108 6 53.84
	4000.00	3.00	220.00	3713.20	1287.06	-985.95	-827.31	3.00	14265334.32	758389.43	N 39 14 25.52	W 108 6 53.90
Begin Vertical	4100.00	0.00	220.00	3813.16	1289.68	-987.95	-828.99	3.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4100.00	0.00	220.00	3813.16	1289.68	-987.95	-828.99	3.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Rollins Ss (Iles Fm)	4114.84	0.00	220.00	3828.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4200.00	0.00	220.00	3913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4300.00	0.00	220.00	4013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Cozzette Ss	4358.84	0.00	220.00	4072.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4400.00	0.00	220.00	4113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4500.00	0.00	220.00	4213.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Corcoran Ss	4547.84	0.00	220.00	4261.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4600.00	0.00	220.00	4313.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4700.00	0.00	220.00	4413.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4800.00	0.00	220.00	4513.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	4900.00	0.00	220.00	4613.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5000.00	0.00	220.00	4713.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5100.00	0.00	220.00	4813.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5200.00	0.00	220.00	4913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Mancos A	5257.84	0.00	220.00	4971.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5300.00	0.00	220.00	5013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	5400.00	0.00	220.00	5113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5500.00	0.00	220.00	5213.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5600.00	0.00	220.00	5313.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5700.00	0.00	220.00	5413.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5800.00	0.00	220.00	5513.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	5900.00	0.00	220.00	5613.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6000.00	0.00	220.00	5713.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Mancos B	6036.84	0.00	220.00	5750.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6100.00	0.00	220.00	5813.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6200.00	0.00	220.00	5913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6300.00	0.00	220.00	6013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6400.00	0.00	220.00	6113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6500.00	0.00	220.00	6213.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6600.00	0.00	220.00	6313.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6700.00	0.00	220.00	6413.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6800.00	0.00	220.00	6513.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	6900.00	0.00	220.00	6613.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7000.00	0.00	220.00	6713.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7100.00	0.00	220.00	6813.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7200.00	0.00	220.00	6913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7300.00	0.00	220.00	7013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Niobrara Fm	7338.84	0.00	220.00	7052.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7400.00	0.00	220.00	7113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7500.00	0.00	220.00	7213.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7600.00	0.00	220.00	7313.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7700.00	0.00	220.00	7413.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7800.00	0.00	220.00	7513.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Nio. Laminated Siltst	7900.00	0.00	220.00	7613.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	7924.84	0.00	220.00	7638.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8000.00	0.00	220.00	7713.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8100.00	0.00	220.00	7813.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8200.00	0.00	220.00	7913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8300.00	0.00	220.00	8013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8400.00	0.00	220.00	8113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Ft Hayes	8468.84	0.00	220.00	8182.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8500.00	0.00	220.00	8213.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8600.00	0.00	220.00	8313.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Frontier Ss	8658.84	0.00	220.00	8372.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8700.00	0.00	220.00	8413.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8800.00	0.00	220.00	8513.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Dakota Fm	8812.84	0.00	220.00	8526.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	8900.00	0.00	220.00	8613.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Cedar Mtn Ss	8948.84	0.00	220.00	8662.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	9000.00	0.00	220.00	8713.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
Morrison Fm	9062.84	0.00	220.00	8776.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	9100.00	0.00	220.00	8813.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	9200.00	0.00	220.00	8913.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	9300.00	0.00	220.00	9013.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
	9400.00	0.00	220.00	9113.16	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92
PBHL/TD	9462.84	0.00	220.00	9176.00	1289.68	-987.95	-828.99	0.00	14265332.31	758387.75	N 39 14 25.50	W 108 6 53.92

Survey Type: Def Plan

Survey Error Model: ISCWSA Rev 0 *** 3-D 95.000% Confidence 2.7955 sigma

Survey Program:

MD From (ft)	MD To (ft)	EOU Freq (ft)	Survey Tool Type	Borehole / Survey
0.000	22.000	1/100.000	SLB_MWD-STD-Depth Only	Original Hole / Federal 28-11 R0 ors 13-Dec-10
22.000	9462.843	1/100.000	SLB_MWD-STD	Original Hole / Federal 28-11 R0 ors 13-Dec-10