

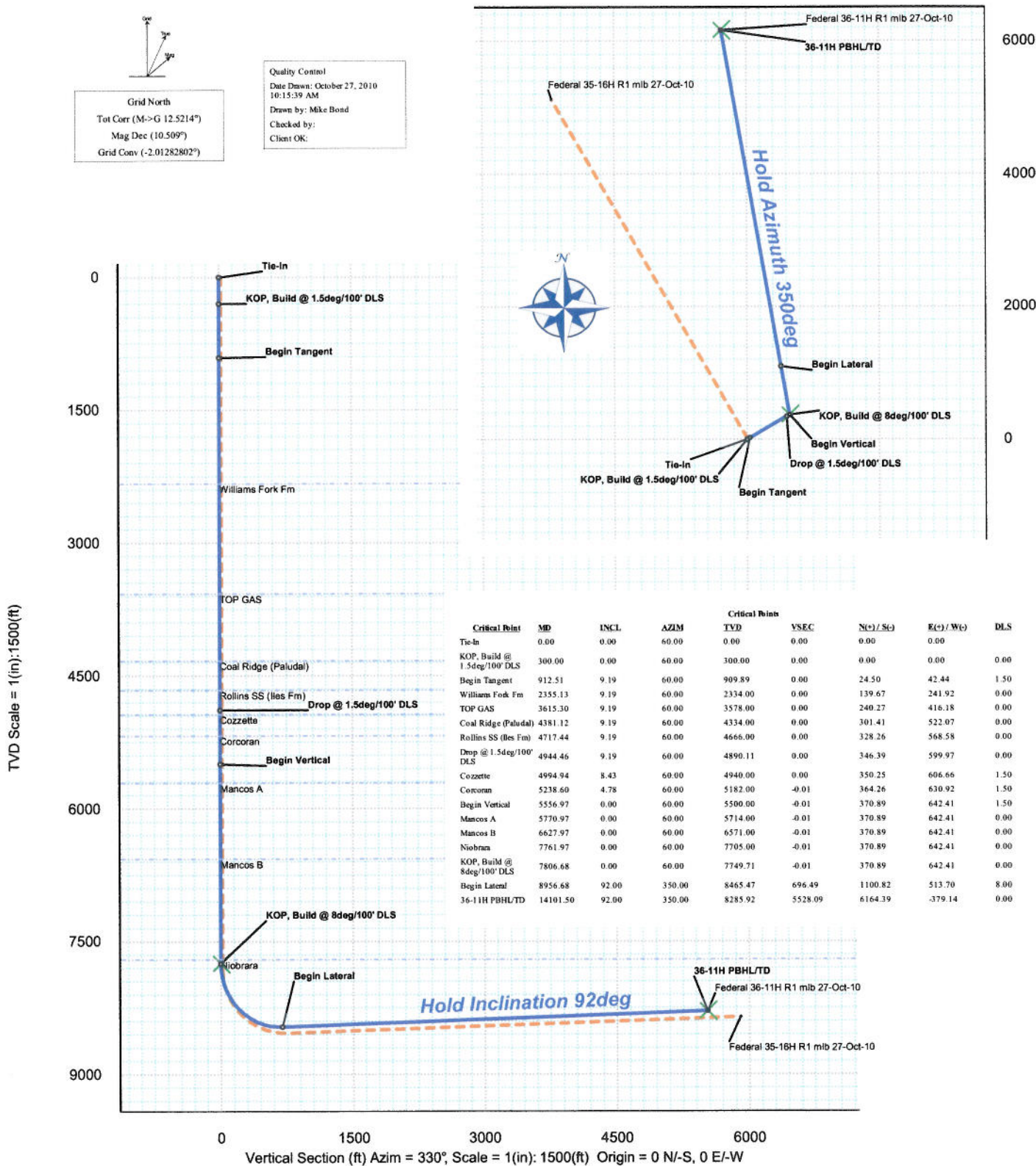
WELL	Federal 36-11H	FIELD	CO, Garfield County	STRUCTURE	1-08S-97W (ON1 Pad)
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Magnetic Parameters Model: BGM 2010 Dip: 85.655° Mag Dec: 10.509°	Date: October 14, 2010 FS: 52224.7m	Surface Location Lat: N 39 22 56.579 Lon: W 108 10 13.382	NAD83 UTM Zone 13N, US Feet Northing: 14317582.15 RUS Easting: 744510.42 RUS Grid Conv: -2.01282802° Scale Fact: 1.00051823	Miscellaneous Sht: Federal 36-11H Plan: R1 mib 27-Oct-10 TVD Ref: R93(54148 above MSL) Srvy Date: October 14, 2010
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Proposal

Scale = 1(in):2000(ft) E >>> W <<< 0 -2000 -4000

<<< S Scale = 1(in):2000(ft) N >>>



Federal 36-11H R1 mib 27-Oct-10 Proposal Report

(Non-Def Plan)

Report Date: October 27, 2010 - 10:10 AM
 Client: EnCana Oil & Gas (USA) Inc.
 Field: CO, Garfield County (NAD 83 UTM 13) EnCana 2010
 Structure / Slot: Encana 1-08S-97W (ON1 Pad) / Federal 36-11H
 Well: Federal 36-11H
 Borehole: Original Hole
 UWI / API#: Unknown / Unknown
 Survey Name: Federal 36-11H R1 mib 27-Oct-10
 Survey Date: October 14, 2010
 Tort / AHD / DDI / ERD Ratio: 110.375 * / 6624.660 ft / 6.086 / 0.783
 Grid Coordinate System: NAD83 UTM Zone 13N, US Feet
 Location Lat / Long: N 39° 22' 56.57881", W 108° 10' 13.38238"
 Location Grid N/E Y/X: N 14317582.150 ftUS, E 744510.420 ftUS
 Grid Convergence Angle: -2.01282802 *
 Grid Scale Factor: 1.00051823

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 330.000 * (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: RKB
 TVD Reference Elevation: 5414.000 ft above MSL
 Seabed / Ground Elevation: 5392.000 ft above MSL
 Magnetic Declination: 10.509 *
 Total Field Strength: 52224.653 nT
 Magnetic Dip Angle: 65.655 *
 Declination Date: October 14, 2010
 Magnetic Declination Model: BGGM 2010
 North Reference: Grid North
 Grid Correction: -2.013 *
 Total Corr Mag North->Grid North: 12.521 *
 Local Coord Referenced To: Well Head

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 ° ' ")
Tie-In	0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	14317582.15	744510.42	N 39 22 56.58	W 108 10 13.38
	100.00	0.00	60.00	100.00	0.00	0.00	0.00	0.00	14317582.15	744510.42	N 39 22 56.58	W 108 10 13.38
	200.00	0.00	60.00	200.00	0.00	0.00	0.00	0.00	14317582.15	744510.42	N 39 22 56.58	W 108 10 13.38
KOP, Build @ 1.5deg/100' DLS	300.00	0.00	60.00	300.00	0.00	0.00	0.00	0.00	14317582.15	744510.42	N 39 22 56.58	W 108 10 13.38
	400.00	1.50	60.00	399.99	0.00	0.65	1.13	1.50	14317582.80	744511.55	N 39 22 56.59	W 108 10 13.37
	500.00	3.00	60.00	499.91	0.00	2.62	4.53	1.50	14317584.77	744514.96	N 39 22 56.61	W 108 10 13.33
	600.00	4.50	60.00	599.69	0.00	5.89	10.20	1.50	14317588.04	744520.62	N 39 22 56.64	W 108 10 13.26
	700.00	6.00	60.00	699.27	0.00	10.46	18.12	1.50	14317592.62	744528.55	N 39 22 56.69	W 108 10 13.16
	800.00	7.50	60.00	798.57	0.00	16.34	28.30	1.50	14317596.50	744538.73	N 39 22 56.75	W 108 10 13.03
	900.00	9.00	60.00	897.54	0.00	23.51	40.73	1.50	14317605.68	744551.17	N 39 22 56.83	W 108 10 12.87
Begin Tangent	912.51	9.19	60.00	909.89	0.00	24.50	42.44	1.50	14317606.66	744552.88	N 39 22 56.84	W 108 10 12.85
	1000.00	9.19	60.00	996.26	0.00	31.49	54.54	0.00	14317613.65	744564.99	N 39 22 56.91	W 108 10 12.70
	1100.00	9.19	60.00	1094.97	0.00	39.47	68.36	0.00	14317621.64	744578.82	N 39 22 56.99	W 108 10 12.53
	1200.00	9.19	60.00	1193.69	0.00	47.45	82.19	0.00	14317629.63	744592.66	N 39 22 57.08	W 108 10 12.36
	1300.00	9.19	60.00	1292.41	0.00	55.44	96.02	0.00	14317637.62	744606.49	N 39 22 57.16	W 108 10 12.19
	1400.00	9.19	60.00	1391.12	0.00	63.42	109.85	0.00	14317645.60	744620.32	N 39 22 57.24	W 108 10 12.01
	1500.00	9.19	60.00	1489.84	0.00	71.40	123.68	0.00	14317653.59	744634.16	N 39 22 57.33	W 108 10 11.84
	1600.00	9.19	60.00	1588.56	0.00	79.39	137.50	0.00	14317661.58	744647.99	N 39 22 57.41	W 108 10 11.67
	1700.00	9.19	60.00	1687.28	0.00	87.37	151.33	0.00	14317669.57	744661.83	N 39 22 57.49	W 108 10 11.50
	1800.00	9.19	60.00	1785.99	0.00	95.35	165.16	0.00	14317677.55	744675.66	N 39 22 57.58	W 108 10 11.32
	1900.00	9.19	60.00	1884.71	0.00	103.34	178.99	0.00	14317685.54	744689.50	N 39 22 57.66	W 108 10 11.15
	2000.00	9.19	60.00	1983.43	0.00	111.32	192.82	0.00	14317693.53	744703.33	N 39 22 57.75	W 108 10 10.98
	2100.00	9.19	60.00	2082.14	0.00	119.30	206.64	0.00	14317701.51	744717.17	N 39 22 57.83	W 108 10 10.81
	2200.00	9.19	60.00	2180.86	0.00	127.29	220.47	0.00	14317709.50	744731.00	N 39 22 57.91	W 108 10 10.63
	2300.00	9.19	60.00	2279.58	0.00	135.27	234.30	0.00	14317717.49	744744.84	N 39 22 58.00	W 108 10 10.46
Williams Fork Fm	2355.13	9.19	60.00	2334.00	0.00	139.67	241.92	0.00	14317721.89	744752.47	N 39 22 58.04	W 108 10 10.37
	2400.00	9.19	60.00	2378.29	0.00	143.25	248.13	0.00	14317725.48	744758.67	N 39 22 58.08	W 108 10 10.29
	2500.00	9.19	60.00	2477.01	0.00	151.24	261.95	0.00	14317733.46	744772.51	N 39 22 58.16	W 108 10 10.12
	2600.00	9.19	60.00	2575.73	0.00	159.22	275.78	0.00	14317741.45	744786.34	N 39 22 58.25	W 108 10 9.94
	2700.00	9.19	60.00	2674.45	0.00	167.20	289.61	0.00	14317749.44	744800.18	N 39 22 58.33	W 108 10 9.77
	2800.00	9.19	60.00	2773.16	0.00	175.19	303.44	0.00	14317757.43	744814.01	N 39 22 58.41	W 108 10 9.60
	2900.00	9.19	60.00	2871.88	0.00	183.17	317.27	0.00	14317765.41	744827.85	N 39 22 58.50	W 108 10 9.43
	3000.00	9.19	60.00	2970.60	0.00	191.15	331.09	0.00	14317773.40	744841.68	N 39 22 58.58	W 108 10 9.25
	3100.00	9.19	60.00	3069.31	0.00	199.14	344.92	0.00	14317781.39	744855.52	N 39 22 58.67	W 108 10 9.08
	3200.00	9.19	60.00	3168.03	0.00	207.12	358.75	0.00	14317789.38	744869.35	N 39 22 58.75	W 108 10 8.91
	3300.00	9.19	60.00	3266.75	0.00	215.10	372.58	0.00	14317797.36	744883.19	N 39 22 58.83	W 108 10 8.74
	3400.00	9.19	60.00	3365.47	0.00	223.09	386.40	0.00	14317805.35	744897.02	N 39 22 58.92	W 108 10 8.56
	3500.00	9.19	60.00	3464.18	0.00	231.07	400.23	0.00	14317813.34	744910.86	N 39 22 59.00	W 108 10 8.39
	3600.00	9.19	60.00	3562.90	0.00	239.05	414.06	0.00	14317821.33	744924.69	N 39 22 59.08	W 108 10 8.22
TOP GAS	3615.30	9.19	60.00	3578.00	0.00	240.27	416.18	0.00	14317822.55	744926.81	N 39 22 59.10	W 108 10 8.19
	3700.00	9.19	60.00	3661.62	0.00	247.04	427.89	0.00	14317829.31	744938.53	N 39 22 59.17	W 108 10 8.05
	3800.00	9.19	60.00	3760.33	0.00	255.02	441.72	0.00	14317837.30	744952.36	N 39 22 59.25	W 108 10 7.87
	3900.00	9.19	60.00	3859.05	0.00	263.00	455.54	0.00	14317845.29	744966.20	N 39 22 59.33	W 108 10 7.70
	4000.00	9.19	60.00	3957.77	0.00	270.99	469.37	0.00	14317853.28	744980.03	N 39 22 59.42	W 108 10 7.53
	4100.00	9.19	60.00	4056.48	0.00	278.97	483.20	0.00	14317861.26	744993.87	N 39 22 59.50	W 108 10 7.36
	4200.00	9.19	60.00	4155.20	0.00	286.95	497.03	0.00	14317869.25	745007.70	N 39 22 59.59	W 108 10 7.18
	4300.00	9.19	60.00	4253.92	0.00	294.94	510.85	0.00	14317877.24	745021.54	N 39 22 59.67	W 108 10 7.01
Coal Ridge (Paludal)	4381.12	9.19	60.00	4334.00	0.00	301.41	522.07	0.00	14317883.72	745032.76	N 39 22 59.74	W 108 10 6.87
	4400.00	9.19	60.00	4352.64	0.00	302.92	524.68	0.00	14317885.23	745035.37	N 39 22 59.75	W 108 10 6.84
	4500.00	9.19	60.00	4451.35	0.00	310.90	538.51	0.00	14317893.21	745049.21	N 39 22 59.84	W 108 10 6.67
	4600.00	9.19	60.00	4550.07	0.00	318.89	552.34	0.00	14317901.20	745063.04	N 39 22 59.92	W 108 10 6.49
	4700.00	9.19	60.00	4648.79	0.00	326.87	566.17	0.00	14317909.19	745076.88	N 39 23 0.00	W 108 10 6.32
Rollins SS (Iles Fm)	4717.44	9.19	60.00	4666.00	0.00	328.26	568.58	0.00	14317910.58	745079.29	N 39 23 0.02	W 108 10 6.29
	4800.00	9.19	60.00	4747.50	0.00	334.85	579.99	0.00	14317917.18	745090.71	N 39 23 0.09	W 108 10 6.15
	4900.00	9.19	60.00	4846.22	0.00	342.84	593.82	0.00	14317925.16	745104.55	N 39 23 0.17	W 108 10 5.98
	4944.46	9.19	60.00	4890.11	0.00	346.39	599.97	0.00	14317928.72	745110.70	N 39 23 0.21	W 108 10 5.90
Drop @ 1.5deg/100' DLS	4994.94	8.43	60.00	4940.00	0.00	350.25	606.66	1.50	14317932.58	745117.40	N 39 23 0.25	W 108 10 5.82
Cozzette	5000.00	8.35	60.00	4945.00	0.00	350.62	607.30	1.50	14317932.95	745118.04	N 39 23 0.25	W 108 10 5.81
	5100.00	6.85	60.00	5044.12	-0.01	357.24	618.76	1.50	14317939.57	745129.50	N 39 23 0.32	W 108 10 5.67
	5200.00	5.35	60.00	5143.55	-0.01	362.55	627.97	1.50	14317944.89	745138.72	N 39 23 0.38	W 108 10 5.55
Corcoran	5238.60	4.78	60.00	5182.00	-0.01	364.26	630.92	1.50	14317946.60	745141.67	N 39 23 0.40	W 108 10 5.51
	5300.00	3.85	60.00	5243.22	-0.01	366.57	634.93	1.50	14317948.91	745145.67	N 39 23 0.42	W 108 10 5.47
	5400.00	2.35	60.00	5343.07	-0.01	369.28	639.62	1.50	14317951.62	745150.37	N 39 23 0.45	W 108 10 5.41
	5500.00	0.85	60.00	5443.03	-0.01	370.68	642.04	1.50	14317953.02	745152.79	N 39 23 0.46	W 108 10 5.38

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 ° ' ")
Begin Vertical	5556.97	0.00	60.00	5500.00	-0.01	370.89	642.41	1.50	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
Mancos A	5600.00	0.00	60.00	5543.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	5700.00	0.00	60.00	5643.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	5770.97	0.00	60.00	5714.00	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	5800.00	0.00	60.00	5743.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	5900.00	0.00	60.00	5843.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6000.00	0.00	60.00	5943.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6100.00	0.00	60.00	6043.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6200.00	0.00	60.00	6143.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6300.00	0.00	60.00	6243.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6400.00	0.00	60.00	6343.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
Mancos B	6500.00	0.00	60.00	6443.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6600.00	0.00	60.00	6543.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6627.97	0.00	60.00	6571.00	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6700.00	0.00	60.00	6643.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6800.00	0.00	60.00	6743.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	6900.00	0.00	60.00	6843.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7000.00	0.00	60.00	6943.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7100.00	0.00	60.00	7043.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7200.00	0.00	60.00	7143.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7300.00	0.00	60.00	7243.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
Niobrara	7400.00	0.00	60.00	7343.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7500.00	0.00	60.00	7443.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7600.00	0.00	60.00	7543.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7700.00	0.00	60.00	7643.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7761.97	0.00	60.00	7705.00	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
KOP_Build @ 8deg/100' DLS	7800.00	0.00	60.00	7743.03	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7806.68	0.00	60.00	7749.71	-0.01	370.89	642.41	0.00	14317953.23	745153.16	N 39 23 0.47	W 108 10 5.37
	7900.00	7.47	350.00	7842.77	5.70	376.87	641.35	8.00	14317959.21	745152.11	N 39 23 0.52	W 108 10 5.39
	8000.00	15.47	350.00	7940.69	24.36	396.43	637.91	8.00	14317978.78	745148.65	N 39 23 0.72	W 108 10 5.44
	8100.00	23.47	350.00	8034.90	55.65	429.22	632.12	8.00	14318011.59	745142.87	N 39 23 1.04	W 108 10 5.53
	8200.00	31.47	350.00	8123.55	98.96	474.60	624.12	8.00	14318057.00	745134.86	N 39 23 1.48	W 108 10 5.65
	8300.00	39.47	350.00	8204.94	153.44	531.70	614.05	8.00	14318114.12	745124.79	N 39 23 2.04	W 108 10 5.80
	8400.00	47.47	350.00	8277.46	216.03	599.39	602.12	8.00	14318181.85	745112.85	N 39 23 2.71	W 108 10 5.99
	8500.00	55.47	350.00	8339.70	291.47	676.36	588.55	8.00	14318258.86	745099.27	N 39 23 3.46	W 108 10 6.19
	8600.00	63.47	350.00	8390.47	372.34	761.11	573.60	8.00	14318343.66	745084.32	N 39 23 4.30	W 108 10 6.42
Begin Lateral	8700.00	71.47	350.00	8428.76	459.07	852.00	557.57	8.00	14318434.59	745068.28	N 39 23 5.19	W 108 10 6.67
	8800.00	79.47	350.00	8453.84	549.96	947.25	540.78	8.00	14318529.89	745051.48	N 39 23 6.12	W 108 10 6.92
	8900.00	87.47	350.00	8465.21	643.24	1045.02	523.54	8.00	14318627.70	745034.23	N 39 23 7.08	W 108 10 7.19
	8956.68	92.00	350.00	8465.47	696.49	1100.82	513.70	8.00	14318683.54	745024.39	N 39 23 7.63	W 108 10 7.34
	9000.00	92.00	350.00	8463.96	737.17	1143.45	506.18	0.00	14318726.20	745016.87	N 39 23 8.05	W 108 10 7.45
	9100.00	92.00	350.00	8460.47	831.08	1241.88	488.83	0.00	14318824.67	744999.50	N 39 23 9.01	W 108 10 7.72
	9200.00	92.00	350.00	8456.98	924.99	1340.30	471.48	0.00	14318923.14	744982.14	N 39 23 9.98	W 108 10 7.98
	9300.00	92.00	350.00	8453.49	1018.91	1438.72	454.12	0.00	14319021.61	744964.78	N 39 23 10.95	W 108 10 8.25
	9400.00	92.00	350.00	8450.00	1112.82	1537.14	436.77	0.00	14319120.08	744947.41	N 39 23 11.91	W 108 10 8.51
	9500.00	92.00	350.00	8446.51	1206.73	1635.56	419.41	0.00	14319218.55	744930.05	N 39 23 12.88	W 108 10 8.78
	9600.00	92.00	350.00	8443.02	1300.64	1733.98	402.06	0.00	14319317.02	744912.69	N 39 23 13.85	W 108 10 9.04
	9700.00	92.00	350.00	8439.53	1394.55	1832.40	384.70	0.00	14319415.50	744895.32	N 39 23 14.81	W 108 10 9.31
	9800.00	92.00	350.00	8436.04	1488.47	1930.82	367.35	0.00	14319513.97	744877.96	N 39 23 15.78	W 108 10 9.57
	9900.00	92.00	350.00	8432.55	1582.38	2029.24	350.00	0.00	14319612.44	744860.60	N 39 23 16.74	W 108 10 9.84
	10000.00	92.00	350.00	8429.06	1676.29	2127.66	332.64	0.00	14319710.91	744843.23	N 39 23 17.71	W 108 10 10.10
	10100.00	92.00	350.00	8425.57	1770.20	2226.08	315.29	0.00	14319809.38	744825.87	N 39 23 18.68	W 108 10 10.37
	10200.00	92.00	350.00	8422.08	1864.11	2324.50	297.93	0.00	14319907.85	744808.51	N 39 23 19.64	W 108 10 10.63
	10300.00	92.00	350.00	8418.59	1958.03	2422.93	280.58	0.00	14320006.33	744791.14	N 39 23 20.61	W 108 10 10.89
	10400.00	92.00	350.00	8415.10	2051.94	2521.35	263.22	0.00	14320104.80	744773.78	N 39 23 21.57	W 108 10 11.16
	10500.00	92.00	350.00	8411.61	2145.85	2619.77	245.87	0.00	14320203.27	744756.42	N 39 23 22.54	W 108 10 11.42
	10600.00	92.00	350.00	8408.12	2239.76	2718.19	228.52	0.00	14320301.74	744739.05	N 39 23 23.51	W 108 10 11.69
	10700.00	92.00	350.00	8404.63	2333.67	2816.61	211.16	0.00	14320400.21	744721.69	N 39 23 24.47	W 108 10 11.95
	10800.00	92.00	350.00	8401.14	2427.59	2915.03	193.81	0.00	14320498.68	744704.33	N 39 23 25.44	W 108 10 12.22
	10900.00	92.00	350.00	8397.65	2521.50	3013.45	176.45	0.00	14320597.16	744686.96	N 39 23 26.40	W 108 10 12.48
	11000.00	92.00	350.00	8394.16	2615.41	3111.87	159.10	0.00	14320695.63	744669.60	N 39 23 27.37	W 108 10 12.75
	11100.00	92.00	350.00	8390.67	2709.32	3210.29	141.74	0.00	14320794.10	744652.24	N 39 23 28.34	W 108 10 13.01
	11200.00	92.00	350.00	8387.18	2803.23	3308.71	124.39	0.00	14320892.57	744634.87	N 39 23 29.30	W 108 10 13.28
	11300.00	92.00	350.00	8383.69	2897.15	3407.13	107.04	0.00	14320991.04			

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 ° ' ")
	13800.00	92.00	350.00	8296.44	5244.95	5867.65	-326.82	0.00	14323452.83	744183.43	N 39 23 54.42	W 108 10 20.17
	13900.00	92.00	350.00	8292.95	5338.86	5966.07	-344.18	0.00	14323551.30	744166.07	N 39 23 55.39	W 108 10 20.43
	14000.00	92.00	350.00	8289.46	5432.77	6064.49	-361.53	0.00	14323649.77	744148.70	N 39 23 56.35	W 108 10 20.70
	14100.00	92.00	350.00	8285.97	5526.68	6162.91	-378.88	0.00	14323748.25	744131.34	N 39 23 57.32	W 108 10 20.96
36-11H PBHL/TD	14101.50	92.00	350.00	8285.92	5528.09	6164.39	-379.14	0.00	14323749.72	744131.08	N 39 23 57.33	W 108 10 20.97

Survey Type: Non-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 36-11H R1 mib 27-Oct-10
22.000	14101.497	1/100.000	SLB_MWD-STD	Original Hole / Federal 36-11H R1 mib 27-Oct-10