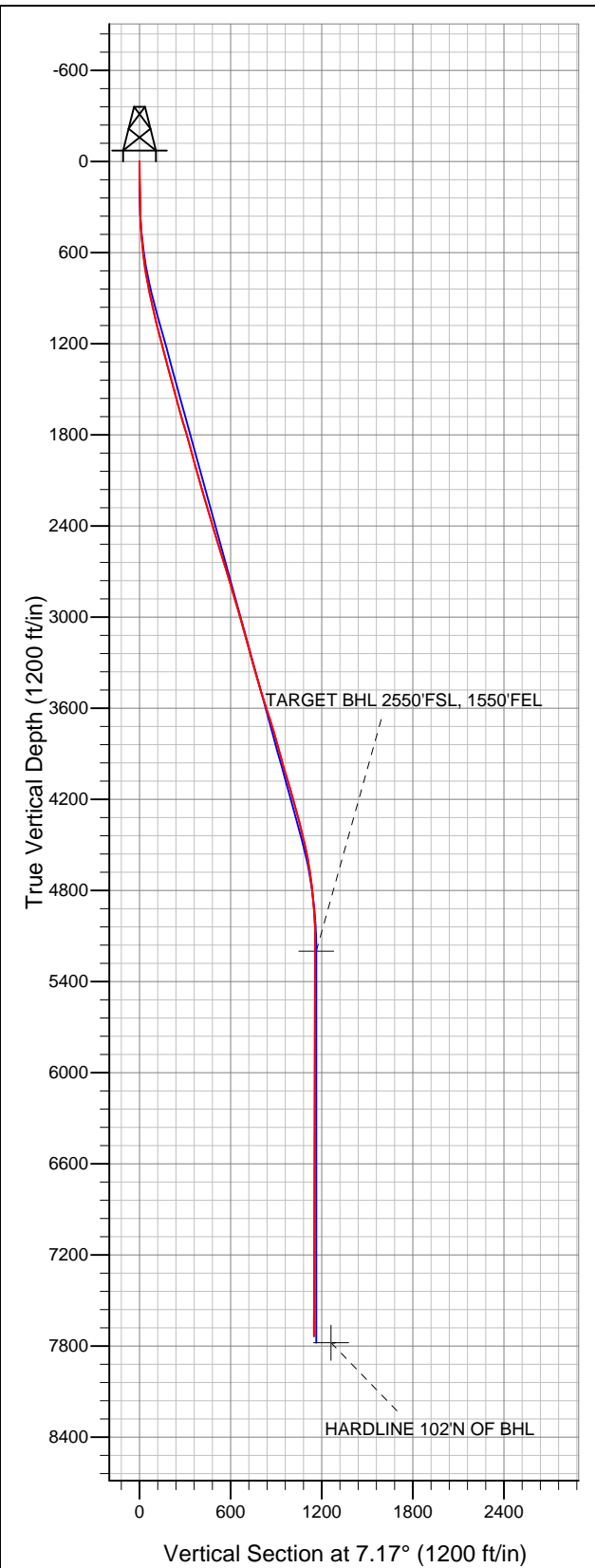


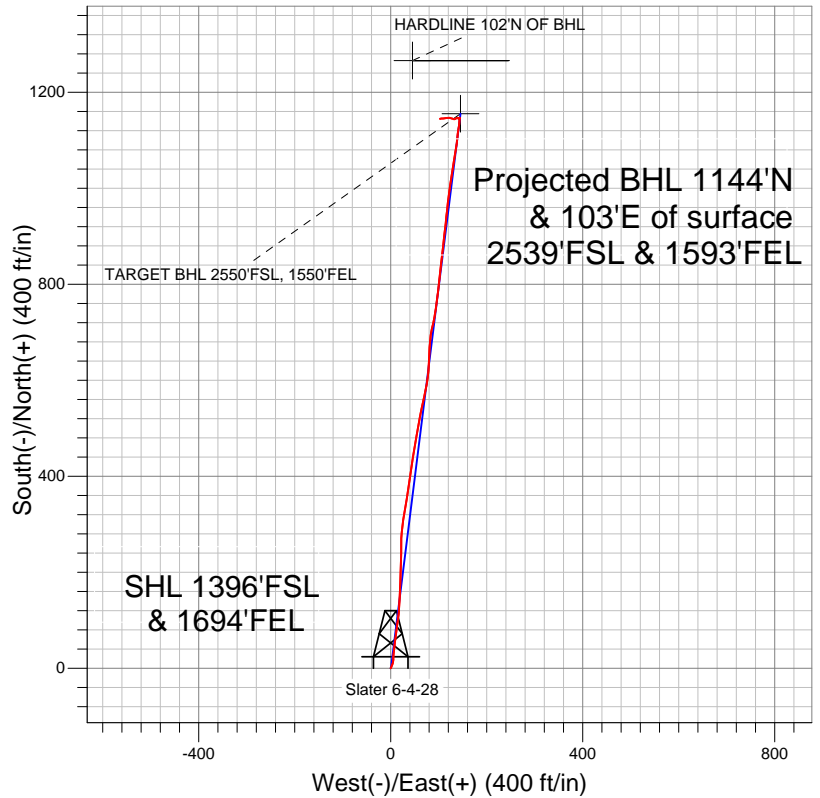
Well Name: Slater 6-4-28

Surface Location: Slater 34-28 Pad Sec.28-T3N-R68W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 4962.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1313666.82	3138441.37	40.193350	-105.004430	
		Original Well Elev	WELL @ 4975.0ft (Original Well Elev)			



EnCana Oil & Gas Weld County CO



LEGEND

- Survey #1
- △ Slater 6-4-28, Wellbore #1, Plan #1 (1-23-12) R V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
 7888'MD & 7736'TVD @ 1148'VS
 1.00 deg Inc 254.70 deg AZ

Project: SEC.28-T3N-R68W
 Site: Slater 34-28 Pad Sec.28-T3N-R68W
 Well: Slater 6-4-28
 Plan: Wellbore #1



EnCana Oil & Gas Weld County CO

SEC.28-T3N-R68W

Slater 34-28 Pad Sec.28-T3N-R68W

Slater 6-4-28

Wellbore #1

Survey: Survey #1

Standard Survey Report

01 February, 2012

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 6-4-28
Project:	SEC.28-T3N-R68W	TVD Reference:	WELL @ 4975.0ft (Original Well Elev)
Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4975.0ft (Original Well Elev)
Well:	Slater 6-4-28	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.28-T3N-R68W, Weld County, CO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site	Slater 34-28 Pad Sec.28-T3N-R68W				
Site Position:		Northing:	1,313,615.83ft	Latitude:	40.193210
From:	Lat/Long	Easting:	3,138,441.66ft	Longitude:	-105.004430
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.32 °

Well	Slater 6-4-28					
Well Position	+N/-S	0.0 ft	Northing:	1,313,666.82 ft	Latitude:	40.193350
	+E/-W	0.0 ft	Easting:	3,138,441.37 ft	Longitude:	-105.004430
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,962.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/23/2012	8.89	66.82	52,931

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	7.17	

Survey Program		Date	2/1/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
109.0	7,888.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey	Wellbore Data									
	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
Main Wellbore	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	109.0	0.50	20.30	109.0	0.4	0.2	0.5	0.46	0.46	0.00
	200.0	1.10	20.00	200.0	1.6	0.6	1.7	0.66	0.66	-0.33
	291.0	1.30	28.00	291.0	3.4	1.4	3.5	0.29	0.22	8.79
	383.0	2.40	23.60	382.9	6.1	2.6	6.3	1.20	1.20	-4.78
	475.0	4.40	15.00	474.8	11.2	4.3	11.7	2.24	2.17	-9.35
	565.0	5.60	0.00	564.4	19.0	5.2	19.5	1.96	1.33	-16.67
	656.0	7.50	7.60	654.8	29.3	6.0	29.8	2.29	2.09	8.35
	748.0	9.40	5.00	745.8	42.7	7.5	43.3	2.11	2.07	-2.83
	840.0	11.40	6.40	836.3	59.2	9.1	59.9	2.19	2.17	1.52
	933.0	12.70	9.00	927.2	78.5	11.8	79.3	1.51	1.40	2.80
	1,089.0	13.40	6.20	1,079.2	113.4	16.4	114.5	0.60	0.45	-1.79
	1,182.0	14.30	1.40	1,169.5	135.6	17.8	136.7	1.57	0.97	-5.16

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 6-4-28
Project:	SEC.28-T3N-R68W	TVD Reference:	WELL @ 4975.0ft (Original Well Elev)
Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4975.0ft (Original Well Elev)
Well:	Slater 6-4-28	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,275.0	15.20	4.30	1,259.5	159.2	19.0	160.4	1.25	0.97	3.12
1,368.0	15.50	0.60	1,349.1	183.8	20.1	184.9	1.10	0.32	-3.98
1,461.0	15.30	2.40	1,438.8	208.5	20.7	209.4	0.56	-0.22	1.94
1,554.0	15.30	1.80	1,528.5	233.0	21.6	233.9	0.17	0.00	-0.65
1,647.0	15.40	359.20	1,618.2	257.6	21.8	258.3	0.75	0.11	-2.80
1,740.0	16.10	5.10	1,707.7	282.8	22.8	283.5	1.88	0.75	6.34
1,833.0	16.10	8.70	1,797.1	308.4	25.9	309.2	1.07	0.00	3.87
1,926.0	15.80	10.60	1,886.5	333.6	30.2	334.8	0.65	-0.32	2.04
2,018.0	15.30	7.20	1,975.1	358.0	34.0	359.4	1.13	-0.54	-3.70
2,111.0	15.80	8.10	2,064.7	382.7	37.3	384.3	0.60	0.54	0.97
2,204.0	15.30	10.20	2,154.3	407.3	41.3	409.2	0.81	-0.54	2.26
2,297.0	16.10	9.90	2,243.8	432.1	45.7	434.4	0.86	0.86	-0.32
2,390.0	16.90	7.90	2,333.0	458.2	49.7	460.8	1.05	0.86	-2.15
2,483.0	17.00	9.70	2,422.0	484.9	53.9	487.9	0.57	0.11	1.94
2,576.0	16.30	10.00	2,511.1	511.2	58.5	514.5	0.76	-0.75	0.32
2,669.0	17.80	12.30	2,600.0	537.9	63.7	541.7	1.77	1.61	2.47
2,762.0	17.00	11.60	2,688.7	565.1	69.5	569.4	0.89	-0.86	-0.75
2,855.0	16.40	10.30	2,777.8	591.4	74.6	596.1	0.76	-0.65	-1.40
2,948.0	16.80	5.40	2,866.9	617.7	78.2	622.6	1.56	0.43	-5.27
3,041.0	15.60	1.00	2,956.2	643.6	79.7	648.5	1.85	-1.29	-4.73
3,134.0	16.00	4.00	3,045.7	668.9	80.8	673.7	0.98	0.43	3.23
3,227.0	15.70	8.30	3,135.2	694.1	83.5	699.1	1.30	-0.32	4.62
3,320.0	15.50	13.50	3,224.8	718.6	88.2	724.0	1.52	-0.22	5.59
3,413.0	15.60	7.90	3,314.4	743.1	92.8	748.9	1.62	0.11	-6.02
3,506.0	15.80	8.10	3,403.9	768.0	96.3	774.0	0.22	0.22	0.22
3,598.0	17.40	6.40	3,492.1	794.1	99.6	800.3	1.82	1.74	-1.85
3,691.0	17.90	5.80	3,580.7	822.1	102.6	828.5	0.57	0.54	-0.65
3,784.0	17.80	6.70	3,669.2	850.5	105.7	857.0	0.32	-0.11	0.97
3,877.0	16.10	5.80	3,758.2	877.4	108.7	884.1	1.85	-1.83	-0.97
3,970.0	15.60	7.20	3,847.6	902.6	111.6	909.5	0.68	-0.54	1.51
4,063.0	15.30	5.50	3,937.3	927.3	114.3	934.3	0.58	-0.32	-1.83
4,156.0	16.30	6.50	4,026.8	952.5	117.0	959.6	1.11	1.08	1.08
4,249.0	17.00	7.40	4,115.9	978.9	120.2	986.2	0.80	0.75	0.97
4,342.0	16.30	7.20	4,205.0	1,005.3	123.6	1,012.9	0.76	-0.75	-0.22
4,435.0	14.70	7.90	4,294.6	1,030.0	126.8	1,037.7	1.73	-1.72	0.75
4,528.0	14.00	10.60	4,384.7	1,052.7	130.5	1,060.8	1.04	-0.75	2.90
4,621.0	12.90	10.90	4,475.1	1,074.0	134.6	1,082.4	1.19	-1.18	0.32
4,714.0	11.80	5.40	4,566.0	1,093.6	137.4	1,102.2	1.73	-1.18	-5.91
4,807.0	8.50	7.10	4,657.5	1,109.9	139.2	1,118.6	3.56	-3.55	1.83
4,900.0	6.70	8.70	4,749.7	1,122.1	140.8	1,130.9	1.95	-1.94	1.72
4,993.0	5.80	6.40	4,842.1	1,132.1	142.2	1,141.0	1.00	-0.97	-2.47
5,086.0	4.10	3.30	4,934.8	1,140.1	142.9	1,149.0	1.85	-1.83	-3.33
5,178.0	2.10	1.20	5,026.6	1,145.1	143.1	1,154.0	2.18	-2.17	-2.28
5,271.0	0.30	126.80	5,119.6	1,146.7	143.4	1,155.6	2.46	-1.94	135.05
5,351.4	0.22	146.66	5,200.0	1,146.4	143.6	1,155.4	0.15	-0.09	24.71
TARGET BHL 2550'FSL, 1550'FEL									
5,457.0	0.20	188.70	5,305.6	1,146.0	143.7	1,155.0	0.15	-0.02	39.80
5,550.0	0.30	231.40	5,398.6	1,145.7	143.5	1,154.7	0.22	0.11	45.91
5,645.0	0.60	259.90	5,493.6	1,145.5	142.8	1,154.4	0.38	0.32	30.00
5,738.0	0.70	267.70	5,586.6	1,145.4	141.8	1,154.1	0.14	0.11	8.39
5,831.0	1.10	268.00	5,679.6	1,145.3	140.3	1,153.9	0.43	0.43	0.32
5,922.0	0.80	303.20	5,770.6	1,145.6	138.9	1,154.0	0.71	-0.33	38.68
6,015.0	0.40	332.80	5,863.6	1,146.3	138.2	1,154.6	0.53	-0.43	31.83
6,108.0	0.50	231.10	5,956.6	1,146.3	137.7	1,154.5	0.75	0.11	-109.36

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 6-4-28
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Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4975.0ft (Original Well Elev)
Well:	Slater 6-4-28	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,201.0	0.80	244.50	6,049.6	1,145.8	136.8	1,153.9	0.36	0.32	14.41	
6,294.0	0.30	233.10	6,142.6	1,145.4	136.0	1,153.4	0.55	-0.54	-12.26	
6,387.0	0.50	219.90	6,235.6	1,144.9	135.6	1,152.9	0.24	0.22	-14.19	
6,480.0	0.80	233.70	6,328.6	1,144.2	134.8	1,152.1	0.36	0.32	14.84	
6,573.0	1.20	263.40	6,421.5	1,143.7	133.3	1,151.4	0.69	0.43	31.94	
6,665.0	1.60	278.50	6,513.5	1,143.8	131.1	1,151.2	0.59	0.43	16.41	
6,758.0	1.60	295.90	6,606.5	1,144.5	128.6	1,151.7	0.52	0.00	18.71	
6,851.0	1.70	285.90	6,699.4	1,145.5	126.1	1,152.3	0.33	0.11	-10.75	
6,944.0	1.80	276.50	6,792.4	1,146.0	123.4	1,152.5	0.33	0.11	-10.11	
7,037.0	1.80	276.40	6,885.3	1,146.4	120.5	1,152.4	0.00	0.00	-0.11	
7,130.0	2.10	265.60	6,978.3	1,146.4	117.3	1,152.1	0.51	0.32	-11.61	
7,223.0	1.60	255.90	7,071.2	1,145.9	114.4	1,151.3	0.63	-0.54	-10.43	
7,316.0	1.30	262.90	7,164.2	1,145.5	112.1	1,150.5	0.37	-0.32	7.53	
7,409.0	1.20	267.80	7,257.2	1,145.3	110.0	1,150.1	0.16	-0.11	5.27	
7,502.0	1.10	262.50	7,350.2	1,145.2	108.2	1,149.7	0.16	-0.11	-5.70	
7,595.0	0.70	276.90	7,443.2	1,145.1	106.7	1,149.5	0.49	-0.43	15.48	
7,688.0	0.80	254.30	7,536.2	1,145.0	105.5	1,149.2	0.33	0.11	-24.30	
7,781.0	1.00	254.50	7,629.1	1,144.6	104.1	1,148.7	0.22	0.22	0.22	
7,888.0	1.00	254.70	7,736.1	1,144.1	102.3	1,148.0	0.00	0.00	0.19	
HARDLINE 102'N OF BHL										

Checked By: _____ Approved By: _____ Date: _____