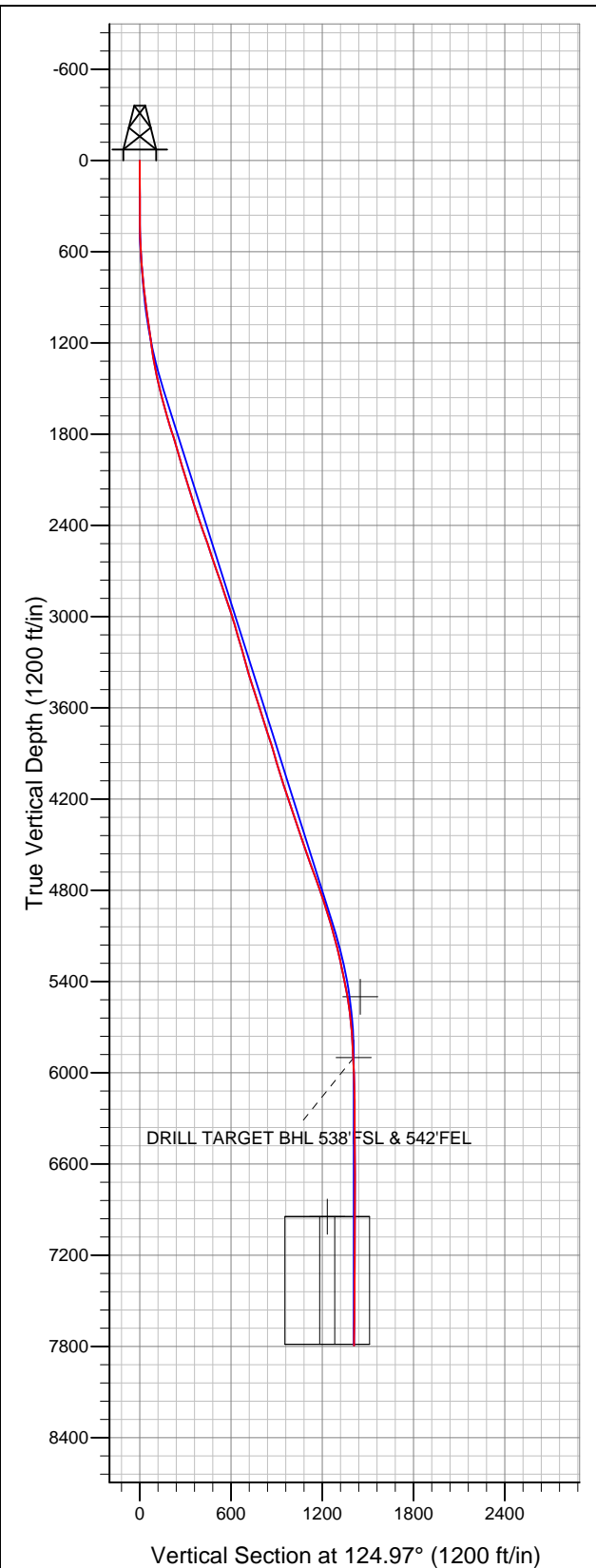
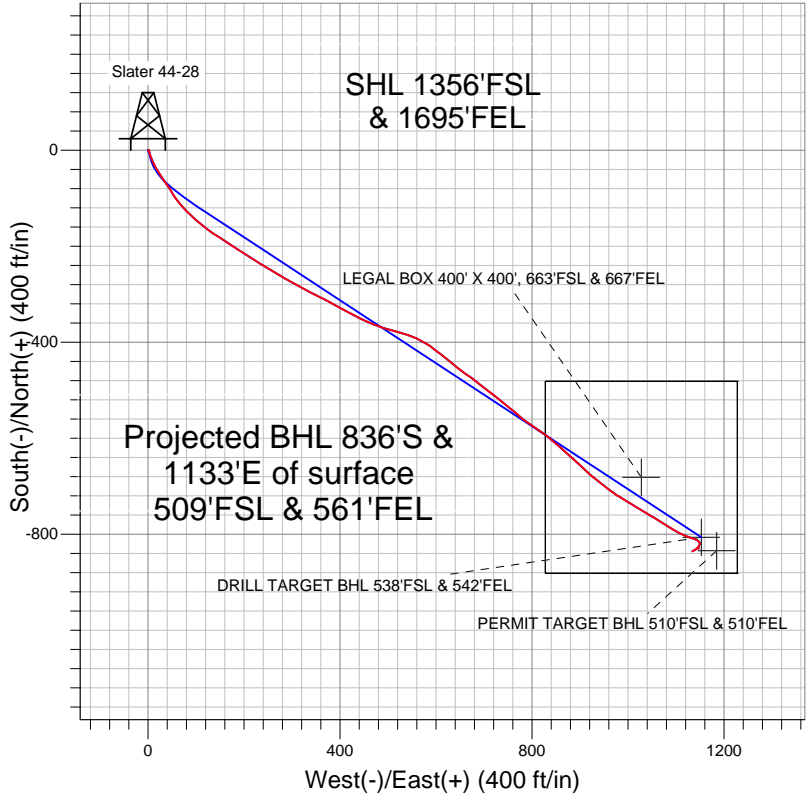


Well Name: Slater 44-28

Surface Location: Slater 34-28 Pad Sec.28-T3N-R68W
 North American Datum 1983 US State Plane 1983Colorado Northern Zone
 Ground Elevation: 4961.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1313626.75 3138441.59 40.193240 -105.004430
 Original Well Elev WELL @ 4974.0ft (Original Well Elev)



EnCana Oil & Gas Weld County CO



LEGEND

- Survey #1
- Slater 44-28, Wellbore #1, Plan #1 (12-27-11) R V0
- Wellbore #1

Final Survey Plot

Projected Final Survey -
 8000' MD & 7794' TVD @ 1406' VS
 2 deg Inc 238.90 deg AZ

Project: SEC.28-T3N-R68W
 Site: Slater 34-28 Pad Sec.28-T3N-R68W
 Well: Slater 44-28
 Plan: Wellbore #1



EnCana Oil & Gas Weld County CO

SEC.28-T3N-R68W

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

Slater 44-28

Wellbore #1

Survey: Survey #1

Standard Survey Report

05 January, 2012

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 44-28
Project:	SEC.28-T3N-R68W	TVD Reference:	WELL @ 4974.0ft (Original Well Elev)
Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4974.0ft (Original Well Elev)
Well:	Slater 44-28	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
From:	Lat/Long	Easting:	3,138,441.66ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.193210
		Longitude:	-105.004430
		Grid Convergence:	0.32 °

Well	Slater 44-28		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty		0.0 ft	Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	12/27/2011	8.90	66.83	52,939

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	124.97	

Survey Program	Date	1/5/2012			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
146.0	8,000.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
146.0	0.30	74.80	146.0	0.1	0.4	0.2	0.21	0.21	0.00	
237.0	0.30	65.90	237.0	0.3	0.8	0.5	0.05	0.00	-9.78	
329.0	0.40	35.90	329.0	0.6	1.2	0.6	0.22	0.11	-32.61	
420.0	0.60	132.20	420.0	0.6	1.8	1.1	0.83	0.22	105.82	
512.0	2.00	172.70	512.0	-1.4	2.3	2.7	1.73	1.52	44.02	
602.0	4.10	166.10	601.8	-6.0	3.3	6.2	2.36	2.33	-7.33	
694.0	5.90	160.50	693.5	-13.7	5.7	12.5	2.02	1.96	-6.09	
786.0	6.80	154.50	784.9	-23.1	9.6	21.1	1.21	0.98	-6.52	
879.0	7.50	154.80	877.2	-33.5	14.5	31.1	0.75	0.75	0.32	
972.0	7.80	150.20	969.4	-44.5	20.3	42.1	0.73	0.32	-4.95	
1,013.0	8.40	145.00	1,010.0	-49.4	23.4	47.4	2.31	1.46	-12.68	
1,090.0	8.80	143.10	1,086.1	-58.7	30.1	58.3	0.64	0.52	-2.47	

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 44-28
Project:	SEC.28-T3N-R68W	TVD Reference:	WELL @ 4974.0ft (Original Well Elev)
Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4974.0ft (Original Well Elev)
Well:	Slater 44-28	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)	
1,183.0	8.30	143.00	1,178.1	-69.7	38.4	71.5	0.54	-0.54	-0.11	
1,276.0	9.60	150.40	1,269.9	-81.8	46.3	84.9	1.86	1.40	7.96	
1,368.0	10.80	147.30	1,360.5	-95.8	54.8	99.8	1.43	1.30	-3.37	
1,462.0	13.50	139.60	1,452.4	-111.5	66.6	118.5	3.34	2.87	-8.19	
1,555.0	15.30	136.60	1,542.4	-128.7	82.1	141.0	2.09	1.94	-3.23	
1,647.0	14.90	128.40	1,631.3	-144.9	99.7	164.7	2.36	-0.43	-8.91	
1,740.0	16.60	130.30	1,720.8	-160.9	119.2	189.9	1.91	1.83	2.04	
1,833.0	18.50	121.90	1,809.5	-177.3	141.9	217.9	3.40	2.04	-9.03	
1,926.0	16.50	123.70	1,898.2	-192.4	165.4	245.8	2.23	-2.15	1.94	
2,019.0	15.80	123.30	1,987.5	-206.7	187.0	271.7	0.76	-0.75	-0.43	
2,112.0	16.60	121.50	2,076.8	-220.6	208.9	297.6	1.02	0.86	-1.94	
2,205.0	17.10	123.10	2,165.8	-235.0	231.7	324.5	0.73	0.54	1.72	
2,298.0	18.50	119.00	2,254.3	-249.6	256.0	352.9	2.02	1.51	-4.41	
2,391.0	19.60	121.20	2,342.3	-264.9	282.3	383.1	1.41	1.18	2.37	
2,484.0	20.00	119.80	2,429.8	-280.8	309.4	414.5	0.67	0.43	-1.51	
2,577.0	18.20	116.40	2,517.6	-295.2	336.2	444.7	2.27	-1.94	-3.66	
2,670.0	18.80	116.50	2,605.8	-308.3	362.6	473.9	0.65	0.65	0.11	
2,763.0	19.60	118.90	2,693.7	-322.6	389.7	504.2	1.21	0.86	2.58	
2,856.0	18.80	117.60	2,781.5	-337.1	416.6	534.6	0.98	-0.86	-1.40	
2,949.0	18.50	116.40	2,869.6	-350.6	443.1	564.1	0.52	-0.32	-1.29	
3,042.0	18.80	112.50	2,957.7	-362.9	470.2	593.3	1.38	0.32	-4.19	
3,135.0	17.30	104.70	3,046.2	-372.1	497.4	620.9	3.06	-1.61	-8.39	
3,228.0	17.20	106.50	3,135.0	-379.5	524.0	646.9	0.58	-0.11	1.94	
3,321.0	16.40	110.50	3,224.0	-388.0	549.5	672.7	1.51	-0.86	4.30	
3,414.0	15.90	119.60	3,313.3	-398.9	572.8	698.1	2.77	-0.54	9.78	
3,507.0	16.50	126.90	3,402.7	-413.1	594.5	723.9	2.28	0.65	7.85	
3,600.0	18.60	128.00	3,491.3	-430.2	616.7	752.0	2.29	2.26	1.18	
3,693.0	17.30	131.10	3,579.8	-448.4	638.8	780.5	1.73	-1.40	3.33	
3,786.0	17.70	123.80	3,668.5	-465.4	661.0	808.4	2.40	0.43	-7.85	
3,889.0	18.30	129.20	3,766.5	-484.3	686.6	840.2	1.72	0.58	5.24	
3,972.0	17.50	126.20	3,845.5	-499.9	706.7	865.7	1.47	-0.96	-3.61	
4,065.0	16.10	129.80	3,934.5	-516.4	727.9	892.5	1.87	-1.51	3.87	
4,158.0	16.50	128.00	4,023.8	-532.8	748.2	918.5	0.69	0.43	-1.94	
4,251.0	18.30	130.80	4,112.5	-550.5	769.7	946.2	2.13	1.94	3.01	
4,344.0	19.70	125.60	4,200.4	-569.2	793.5	976.4	2.36	1.51	-5.59	
4,437.0	18.20	124.00	4,288.4	-586.4	818.3	1,006.6	1.71	-1.61	-1.72	
4,530.0	17.70	130.50	4,376.9	-603.7	841.1	1,035.2	2.22	-0.54	6.99	
4,623.0	19.70	130.80	4,465.0	-623.1	863.7	1,064.9	2.15	2.15	0.32	
4,716.0	19.40	132.80	4,552.6	-643.9	886.9	1,095.8	0.79	-0.32	2.15	
4,809.0	19.80	133.60	4,640.2	-665.2	909.6	1,126.7	0.52	0.43	0.86	
4,902.0	19.60	128.10	4,727.8	-685.7	933.3	1,157.8	2.00	-0.22	-5.91	
4,995.0	20.00	128.20	4,815.3	-705.2	958.1	1,189.3	0.43	0.43	0.11	
5,088.0	18.20	120.60	4,903.2	-722.4	983.1	1,219.6	3.30	-1.94	-8.17	
5,181.0	16.40	122.20	4,992.0	-736.8	1,006.7	1,247.2	2.00	-1.94	1.72	
5,274.0	14.80	121.30	5,081.5	-750.0	1,028.0	1,272.2	1.74	-1.72	-0.97	
5,367.0	14.10	120.50	5,171.6	-761.9	1,047.9	1,295.4	0.78	-0.75	-0.86	
5,460.0	13.10	122.20	5,262.0	-773.3	1,066.6	1,317.2	1.16	-1.08	1.83	
5,553.0	11.70	121.60	5,352.8	-783.8	1,083.5	1,337.1	1.51	-1.51	-0.65	
5,646.0	10.70	120.70	5,444.0	-793.2	1,099.0	1,355.1	1.09	-1.08	-0.97	
5,717.4	9.44	114.87	5,514.4	-799.0	1,110.0	1,367.5	2.27	-1.76	-8.16	
PERMIT TARGET BHL 510'FSL & 510'FEL										
5,738.0	9.10	112.90	5,534.7	-800.4	1,113.0	1,370.8	2.27	-1.66	-9.57	
5,831.0	6.60	111.30	5,626.8	-805.2	1,124.8	1,383.2	2.70	-2.69	-1.72	
5,924.0	5.30	106.00	5,719.3	-808.3	1,133.9	1,392.4	1.52	-1.40	-5.70	

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Slater 44-28
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Site:	Slater 34-28 Pad Sec.28-T3N-R68W	MD Reference:	WELL @ 4974.0ft (Original Well Elev)
Well:	Slater 44-28	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)
6,017.0	3.50	113.80	5,812.0	-810.6	1,140.6	1,399.3	2.04	-1.94	8.39
6,105.3	2.64	124.72	5,900.2	-812.9	1,144.7	1,404.0	1.17	-0.97	12.37
DRILL TARGET BHL 538'FSL & 542'FEL									
6,110.0	2.60	125.50	5,904.9	-813.0	1,144.9	1,404.2	1.17	-0.89	16.55
6,203.0	1.80	138.30	5,997.8	-815.3	1,147.6	1,407.7	1.00	-0.86	13.76
6,296.0	1.50	149.80	6,090.8	-817.4	1,149.2	1,410.2	0.48	-0.32	12.37
6,389.0	1.00	176.50	6,183.7	-819.3	1,149.9	1,411.8	0.81	-0.54	28.71
6,482.0	1.00	200.00	6,276.7	-820.9	1,149.6	1,412.5	0.44	0.00	25.27
6,575.0	1.10	216.70	6,369.7	-822.4	1,148.8	1,412.7	0.34	0.11	17.96
6,668.0	1.40	232.40	6,462.7	-823.8	1,147.4	1,412.4	0.49	0.32	16.88
6,761.0	1.60	174.50	6,555.7	-825.7	1,146.6	1,412.9	1.57	0.22	-62.26
6,854.0	0.90	168.50	6,648.6	-827.8	1,146.9	1,414.2	0.76	-0.75	-6.45
6,947.0	1.00	185.00	6,741.6	-829.3	1,147.0	1,415.2	0.31	0.11	17.74
7,040.0	0.60	335.30	6,834.6	-829.6	1,146.7	1,415.2	1.67	-0.43	161.61
7,133.0	0.30	312.60	6,927.6	-829.0	1,146.3	1,414.5	0.37	-0.32	-24.41
7,152.6	0.34	308.39	6,947.3	-829.0	1,146.2	1,414.4	0.24	0.20	-21.47
LEGAL BOX 400' X 400', 663'FSL & 667'FEL									
7,226.0	0.50	298.90	7,020.6	-828.7	1,145.8	1,413.9	0.24	0.22	-12.93
7,319.0	0.70	267.30	7,113.6	-828.5	1,144.8	1,413.0	0.41	0.22	-33.98
7,412.0	0.50	225.80	7,206.6	-828.8	1,144.0	1,412.5	0.50	-0.22	-44.62
7,505.0	0.70	228.30	7,299.6	-829.5	1,143.3	1,412.3	0.22	0.22	2.69
7,598.0	0.70	226.40	7,392.6	-830.2	1,142.4	1,412.0	0.02	0.00	-2.04
7,691.0	1.00	240.80	7,485.6	-831.0	1,141.3	1,411.6	0.39	0.32	15.48
7,784.0	1.00	232.90	7,578.6	-831.9	1,140.0	1,411.0	0.15	0.00	-8.49
7,877.0	2.20	240.40	7,671.5	-833.3	1,137.8	1,409.9	1.31	1.29	8.06
7,958.0	2.10	239.60	7,752.5	-834.8	1,135.1	1,408.6	0.13	-0.12	-0.99
8,000.0	2.00	238.90	7,794.5	-835.6	1,133.8	1,408.0	0.25	-0.24	-1.67

Checked By: _____	Approved By: _____	Date: _____
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