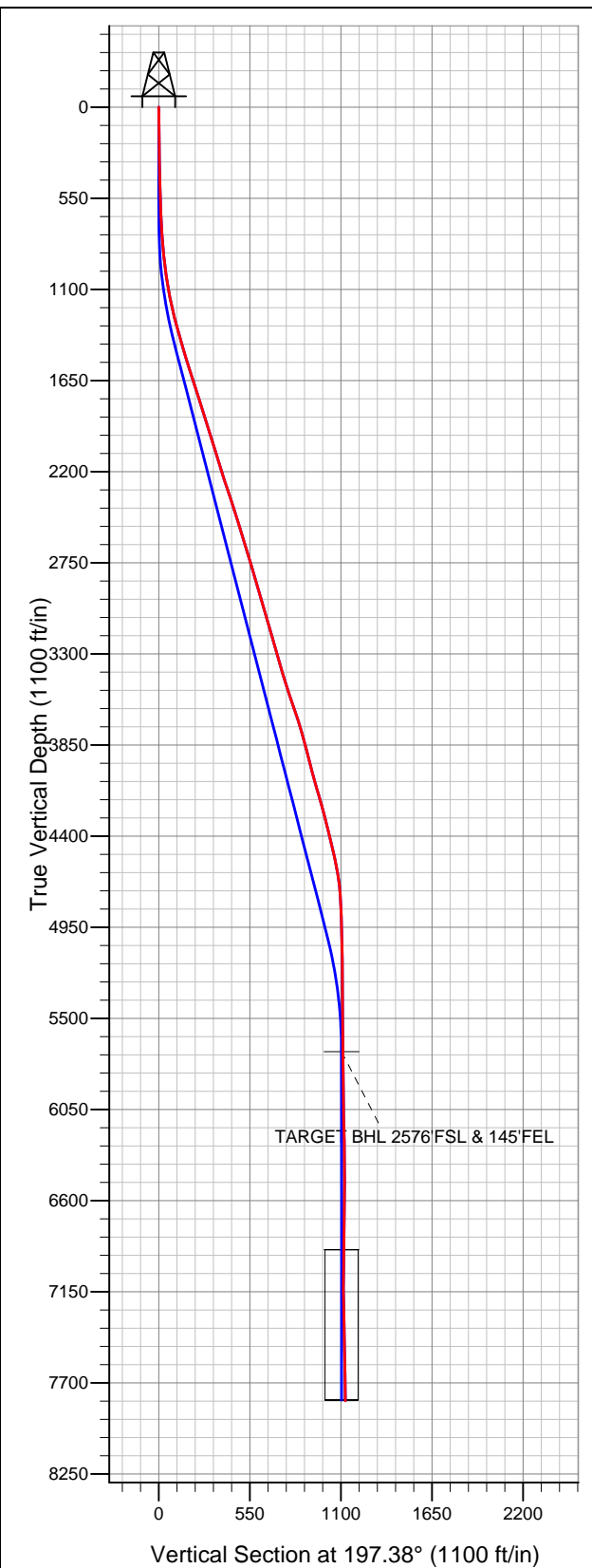


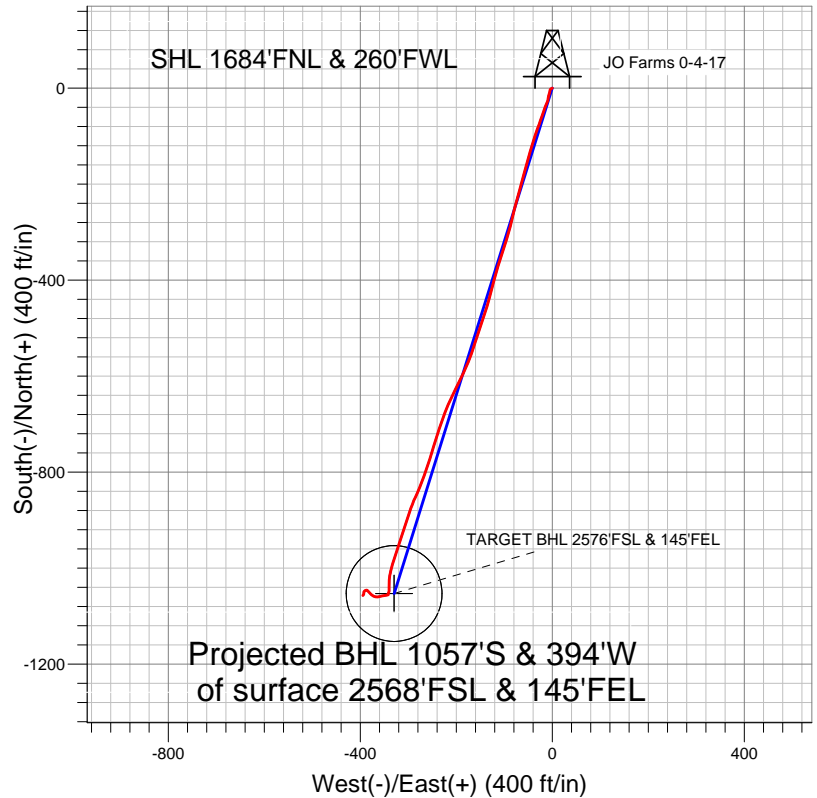


Well Name: JO Farms 0-4-17

Surface Location: JO Farms 0-4-17 Pad Sec.17-T3N-R68W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 5113.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1326373.29 3129706.17 40.228360 -105.035460
RKB - 13' WELL @ 5126.0ft (RKB - 13')



EnCana Oil & Gas Weld County CO



LEGEND

- JO Farms 0-4-17, Wellbore #1, Plan #1 (11-27-12) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
7960'MD & 7807'TVD @ 1126'VS
1.1 deg Inc 226.5 deg AZ

Project: SEC.17-T3N-R68W
Site: JO Farms 0-4-17 Pad Sec.17-T3N-R68W
Well: JO Farms 0-4-17
Plan: Wellbore #1



EnCana Oil & Gas Weld County CO

SEC.17-T3N-R68W

JO Farms 0-4-17 Pad Sec.17-T3N-R68W

JO Farms 0-4-17

Wellbore #1

Survey: Survey #1

Standard Survey Report

28 August, 2013



Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well JO Farms 0-4-17
Project:	SEC.17-T3N-R68W	TVD Reference:	WELL @ 5126.0ft (RKB - 13')
Site:	JO Farms 0-4-17 Pad Sec.17-T3N-R68W	MD Reference:	WELL @ 5126.0ft (RKB - 13')
Well:	JO Farms 0-4-17	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)
1,469.0	16.30	195.60	1,455.2	-138.0	-47.8	146.0	0.90	0.70	-2.03
1,597.0	17.30	195.20	1,577.7	-173.7	-57.6	183.0	0.79	0.78	-0.31
1,726.0	18.70	195.60	1,700.4	-212.1	-68.2	222.8	1.09	1.09	0.31
1,854.0	18.00	194.10	1,821.9	-251.1	-78.5	263.1	0.66	-0.55	-1.17
1,982.0	17.10	193.80	1,944.0	-288.5	-87.8	301.6	0.71	-0.70	-0.23
2,111.0	16.50	198.40	2,067.5	-324.3	-98.1	338.9	1.13	-0.47	3.57
2,239.0	17.60	197.30	2,189.8	-360.1	-109.6	376.4	0.90	0.86	-0.86
2,367.0	18.70	195.00	2,311.5	-398.4	-120.7	416.2	1.03	0.86	-1.80
2,495.0	17.00	194.50	2,433.3	-436.3	-130.7	455.4	1.33	-1.33	-0.39
2,624.0	17.50	199.90	2,556.5	-472.8	-142.0	493.6	1.30	0.39	4.19
2,752.0	17.40	197.10	2,678.6	-509.2	-154.2	532.0	0.66	-0.08	-2.19
2,880.0	16.50	198.70	2,801.1	-544.7	-165.7	569.3	0.79	-0.70	1.25
3,009.0	16.00	203.10	2,924.9	-578.4	-178.5	605.3	1.03	-0.39	3.41
3,137.0	16.10	206.30	3,047.9	-610.5	-193.3	640.4	0.70	0.08	2.50
3,265.0	16.50	206.10	3,170.8	-642.8	-209.2	675.9	0.32	0.31	-0.16
3,394.0	16.20	200.80	3,294.6	-676.1	-223.6	712.0	1.18	-0.23	-4.11
3,522.0	16.60	198.20	3,417.4	-710.1	-235.7	748.1	0.65	0.31	-2.03
3,650.0	18.30	197.30	3,539.5	-746.7	-247.3	786.5	1.34	1.33	-0.70
3,778.0	18.80	197.50	3,660.8	-785.5	-259.5	827.2	0.39	0.39	0.16
3,907.0	16.20	201.50	3,783.8	-822.1	-272.4	865.9	2.22	-2.02	3.10
4,035.0	13.60	204.90	3,907.5	-852.4	-285.3	898.7	2.14	-2.03	2.66
4,163.0	16.30	198.40	4,031.2	-883.1	-297.3	931.6	2.48	2.11	-5.08
4,292.0	15.70	198.00	4,155.2	-916.9	-308.4	967.1	0.47	-0.47	-0.31
4,420.0	14.60	197.70	4,278.7	-948.7	-318.6	1,000.6	0.86	-0.86	-0.23
4,548.0	13.50	199.10	4,402.9	-978.2	-328.4	1,031.6	0.90	-0.86	1.09
4,676.0	12.80	193.40	4,527.6	-1,006.1	-336.6	1,060.7	1.15	-0.55	-4.45
4,805.0	8.80	180.40	4,654.3	-1,029.9	-340.0	1,084.4	3.61	-3.10	-10.08
4,933.0	3.10	179.70	4,781.5	-1,043.1	-340.0	1,097.1	4.45	-4.45	-0.55
5,061.0	1.40	177.40	4,909.4	-1,048.2	-339.9	1,101.9	1.33	-1.33	-1.80
5,232.0	1.60	213.00	5,080.4	-1,052.3	-341.1	1,106.1	0.55	0.12	20.82
5,404.0	0.40	128.20	5,252.3	-1,054.6	-342.0	1,108.6	0.94	-0.70	-49.30
5,575.0	0.30	218.40	5,423.3	-1,055.4	-341.8	1,109.3	0.29	-0.06	52.75
5,746.0	0.80	257.30	5,594.3	-1,056.0	-343.2	1,110.3	0.35	0.29	22.75
5,851.4	1.11	259.83	5,699.7	-1,056.3	-345.0	1,111.1	0.29	0.29	2.40
TARGET BHL 2572'FSL & 80'FEL									
5,917.0	1.30	260.80	5,765.3	-1,056.5	-346.3	1,111.8	0.29	0.29	1.48
6,088.0	1.50	258.00	5,936.2	-1,057.3	-350.4	1,113.7	0.12	0.12	-1.64
6,259.0	1.60	258.00	6,107.2	-1,058.3	-354.9	1,116.0	0.06	0.06	0.00
6,430.0	1.50	255.50	6,278.1	-1,059.3	-359.4	1,118.3	0.07	-0.06	-1.46
6,601.0	1.60	262.90	6,449.1	-1,060.2	-364.0	1,120.5	0.13	0.06	4.33
6,772.0	2.60	286.60	6,619.9	-1,059.4	-370.1	1,121.6	0.76	0.58	13.86
6,943.0	3.10	313.50	6,790.7	-1,055.1	-377.1	1,119.6	0.83	0.29	15.73
7,046.6	2.79	318.18	6,894.2	-1,051.3	-380.8	1,117.1	0.38	-0.30	4.51
TARGET CIRCLE 2572'FSL & 80'FEL									
7,114.0	2.60	321.80	6,961.5	-1,048.9	-382.9	1,115.3	0.38	-0.28	5.38
7,285.0	1.60	264.80	7,132.4	-1,046.0	-387.7	1,114.1	1.28	-0.58	-33.33
7,456.0	1.50	218.40	7,303.4	-1,048.0	-391.4	1,117.1	0.72	-0.06	-27.13
7,627.0	1.10	169.90	7,474.3	-1,051.4	-392.5	1,120.6	0.66	-0.23	-28.36
7,798.0	1.00	200.80	7,645.3	-1,054.4	-392.8	1,123.6	0.33	-0.06	18.07
7,960.0	1.10	226.50	7,807.3	-1,056.8	-394.4	1,126.3	0.29	0.06	15.86

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Well:	JO Farms 0-4-17	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Checked By: _____	Approved By: _____	Date: _____
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