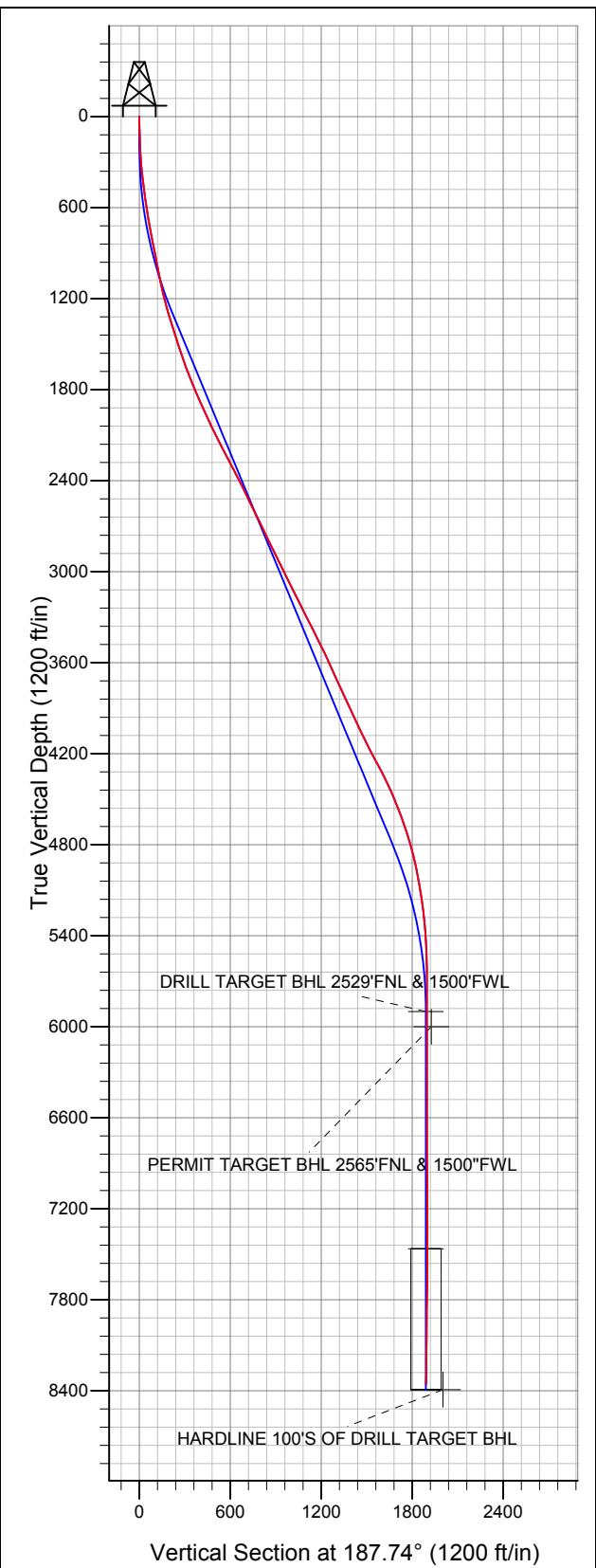


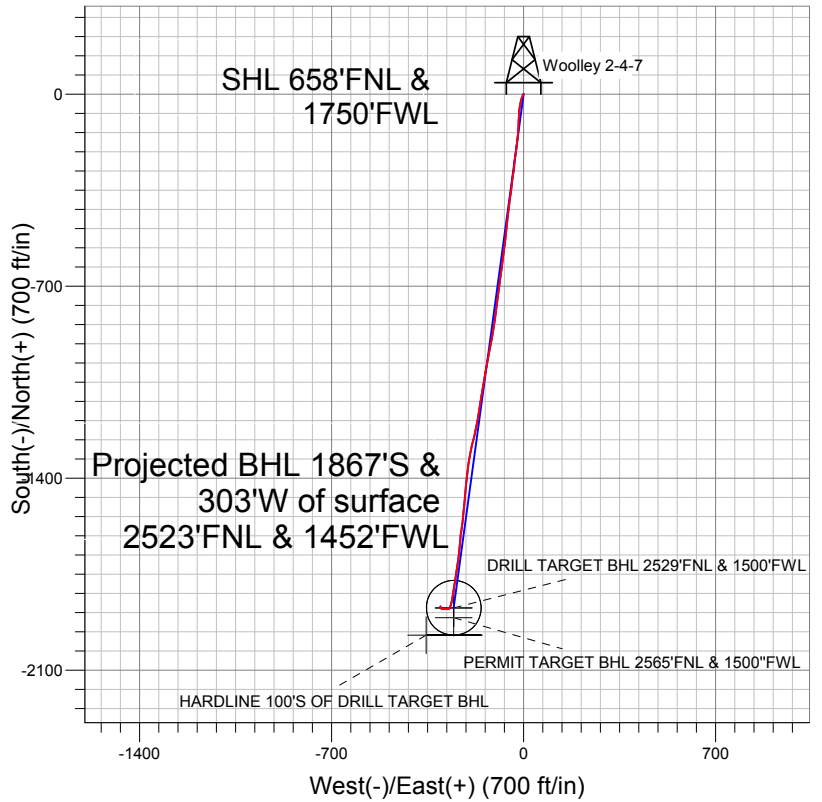


Well Name: Woolley 2-4-7

Surface Location: Woolley 4-0-7 Pad Sec.7-T1N-R68W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 5059.0
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.0 0.0 1269103.90 3126160.84 40.071200 -105.049200
Original Well Elev WELL @ 5072.0ft (Original Well Elev)



EnCana Oil & Gas Weld County CO



LEGEND

- Woolley 2-4-7, Wellbore #1, Plan #1 (3-19-12) R V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
8737'MD & 8357'TVD @ 1890'VS
0.7 deg Inc 314.6 deg AZ

Project: SEC.7-T1N-R68W
Site: Woolley 4-0-7 Pad Sec.7-T1N-R68W
Well: Woolley 2-4-7
Plan: Wellbore #1



EnCana Oil & Gas Weld County CO

SEC.7-T1N-R68W

Woolley 4-0-7 Pad Sec.7-T1N-R68W

Woolley 2-4-7

Wellbore #1

Survey: Survey #1

Standard Survey Report

26 March, 2012

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Woolley 2-4-7
Project:	SEC.7-T1N-R68W	TVD Reference:	WELL @ 5072.0ft (Original Well Elev)
Site:	Woolley 4-0-7 Pad Sec.7-T1N-R68W	MD Reference:	WELL @ 5072.0ft (Original Well Elev)
Well:	Woolley 2-4-7	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)
1,076.0	11.90	182.90	1,065.3	-132.7	-19.4	134.1	1.53	1.49	1.61
1,164.0	13.10	185.70	1,151.2	-151.6	-20.8	153.1	1.53	1.36	3.18
1,251.0	15.10	186.30	1,235.6	-172.7	-23.1	174.2	2.30	2.30	0.69
1,338.0	16.60	187.50	1,319.3	-196.3	-25.9	198.0	1.76	1.72	1.38
1,426.0	17.30	187.80	1,403.4	-221.7	-29.3	223.7	0.80	0.80	0.34
1,513.0	18.30	187.00	1,486.3	-248.1	-32.8	250.3	1.18	1.15	-0.92
1,600.0	19.00	187.00	1,568.7	-275.7	-36.2	278.1	0.80	0.80	0.00
1,687.0	19.90	187.10	1,650.7	-304.5	-39.7	307.0	1.04	1.03	0.11
1,775.0	21.80	186.60	1,733.0	-335.6	-43.4	338.4	2.17	2.16	-0.57
1,862.0	23.40	189.10	1,813.3	-368.7	-48.0	371.8	2.14	1.84	2.87
1,949.0	24.40	185.70	1,892.8	-403.6	-52.5	407.0	1.96	1.15	-3.91
2,037.0	24.80	187.70	1,972.8	-440.0	-56.8	443.6	1.05	0.45	2.27
2,124.0	25.40	186.60	2,051.6	-476.6	-61.4	480.5	0.87	0.69	-1.26
2,211.0	26.80	185.40	2,129.8	-514.7	-65.4	518.8	1.72	1.61	-1.38
2,299.0	28.20	186.60	2,207.8	-555.1	-69.7	559.4	1.71	1.59	1.36
2,386.0	27.60	188.00	2,284.7	-595.5	-74.8	600.1	1.02	-0.69	1.61
2,473.0	27.20	187.70	2,361.9	-635.1	-80.3	640.1	0.49	-0.46	-0.34
2,560.0	26.30	186.60	2,439.6	-674.0	-85.2	679.3	1.18	-1.03	-1.26
2,648.0	25.70	189.20	2,518.7	-712.2	-90.5	717.9	1.46	-0.68	2.95
2,735.0	26.30	187.70	2,596.9	-749.9	-96.1	756.0	1.02	0.69	-1.72
2,822.0	25.20	185.00	2,675.3	-787.4	-100.3	793.8	1.85	-1.26	-3.10
2,910.0	26.60	189.20	2,754.5	-825.6	-105.0	832.2	2.62	1.59	4.77
2,997.0	26.40	188.90	2,832.3	-863.9	-111.2	871.0	0.28	-0.23	-0.34
3,084.0	26.20	191.20	2,910.3	-901.8	-117.9	909.5	1.19	-0.23	2.64
3,172.0	25.70	190.80	2,989.4	-939.6	-125.2	948.0	0.60	-0.57	-0.45
3,259.0	26.80	191.40	3,067.5	-977.4	-132.6	986.4	1.30	1.26	0.69
3,346.0	26.40	188.50	3,145.3	-1,015.8	-139.4	1,025.3	1.56	-0.46	-3.33
3,433.0	26.90	191.20	3,223.0	-1,054.2	-146.1	1,064.3	1.51	0.57	3.10
3,521.0	26.70	188.70	3,301.6	-1,093.3	-152.9	1,103.9	1.30	-0.23	-2.84
3,608.0	26.70	187.70	3,379.3	-1,132.0	-158.5	1,143.0	0.52	0.00	-1.15
3,695.0	26.60	190.10	3,457.0	-1,170.5	-164.5	1,182.0	1.24	-0.11	2.76
3,783.0	26.00	191.70	3,535.9	-1,208.8	-171.9	1,220.9	1.06	-0.68	1.82
3,870.0	24.50	193.60	3,614.6	-1,245.0	-180.0	1,257.9	1.96	-1.72	2.18
3,957.0	24.30	192.60	3,693.9	-1,280.0	-188.1	1,293.7	0.53	-0.23	-1.15
4,045.0	24.40	189.90	3,774.0	-1,315.6	-195.2	1,329.9	1.27	0.11	-3.07
4,132.0	25.10	189.90	3,853.0	-1,351.5	-201.5	1,366.3	0.80	0.80	0.00
4,219.0	25.40	184.80	3,931.7	-1,388.2	-206.2	1,403.4	2.52	0.34	-5.86
4,306.0	25.40	185.40	4,010.3	-1,425.4	-209.5	1,440.6	0.30	0.00	0.69
4,394.0	24.70	184.80	4,090.0	-1,462.5	-212.8	1,477.9	0.85	-0.80	-0.68
4,481.0	27.70	185.70	4,168.1	-1,500.8	-216.4	1,516.2	3.48	3.45	1.03
4,568.0	28.60	187.30	4,244.8	-1,541.5	-221.0	1,557.3	1.35	1.03	1.84
4,656.0	28.00	187.30	4,322.3	-1,582.9	-226.3	1,599.0	0.68	-0.68	0.00
4,743.0	25.60	185.60	4,399.9	-1,621.9	-230.8	1,638.2	2.90	-2.76	-1.95
4,830.0	23.00	185.70	4,479.2	-1,657.5	-234.3	1,674.0	2.99	-2.99	0.11
4,918.0	21.00	186.10	4,560.8	-1,690.3	-237.7	1,706.9	2.28	-2.27	0.45
5,005.0	19.20	189.40	4,642.5	-1,719.9	-241.7	1,736.8	2.44	-2.07	3.79
5,092.0	18.20	188.50	4,724.9	-1,747.5	-246.0	1,764.7	1.20	-1.15	-1.03
5,179.0	15.70	188.40	4,808.1	-1,772.6	-249.7	1,790.0	2.87	-2.87	-0.11
5,267.0	13.90	189.20	4,893.2	-1,794.8	-253.2	1,812.5	2.06	-2.05	0.91
5,354.0	11.10	188.50	4,978.1	-1,813.4	-256.1	1,831.3	3.22	-3.22	-0.80
5,441.0	9.70	188.50	5,063.7	-1,828.9	-258.4	1,847.0	1.61	-1.61	0.00
5,529.0	9.00	190.60	5,150.5	-1,843.0	-260.8	1,861.3	0.88	-0.80	2.39
5,616.0	6.30	194.20	5,236.8	-1,854.3	-263.2	1,872.9	3.15	-3.10	4.14
5,703.0	5.50	199.30	5,323.3	-1,862.9	-265.7	1,881.7	1.10	-0.92	5.86

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Woolley 2-4-7
Project:	SEC.7-T1N-R68W	TVD Reference:	WELL @ 5072.0ft (Original Well Elev)
Site:	Woolley 4-0-7 Pad Sec.7-T1N-R68W	MD Reference:	WELL @ 5072.0ft (Original Well Elev)
Well:	Woolley 2-4-7	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)
5,791.0	3.60	203.30	5,411.0	-1,869.4	-268.2	1,888.5	2.19	-2.16	4.55
5,878.0	2.30	199.80	5,497.9	-1,873.6	-269.9	1,892.8	1.51	-1.49	-4.02
5,965.0	1.50	223.70	5,584.9	-1,876.0	-271.3	1,895.5	1.28	-0.92	27.47
6,052.0	1.10	273.40	5,671.8	-1,876.8	-272.9	1,896.4	1.32	-0.46	57.13
6,140.0	1.00	274.80	5,759.8	-1,876.7	-274.5	1,896.6	0.12	-0.11	1.59
6,279.8	1.00	267.16	5,899.6	-1,876.6	-276.9	1,896.8	0.10	0.00	-5.46
DRILL TARGET BHL 2529'FNL & 1500'FWL									
6,314.0	1.00	265.30	5,933.8	-1,876.7	-277.5	1,897.0	0.10	0.01	-5.45
6,379.9	0.96	265.19	5,999.6	-1,876.8	-278.6	1,897.2	0.06	-0.06	-0.16
PERMIT TARGET BHL 2565'FNL & 1500'FWL									
6,489.0	0.90	265.00	6,108.8	-1,876.9	-280.4	1,897.6	0.06	-0.06	-0.18
6,664.0	0.50	323.50	6,283.8	-1,876.4	-282.2	1,897.3	0.44	-0.23	33.43
6,838.0	0.40	282.10	6,457.8	-1,875.7	-283.3	1,896.8	0.19	-0.06	-23.79
7,013.0	0.50	264.50	6,632.7	-1,875.6	-284.6	1,896.9	0.10	0.06	-10.06
7,187.0	0.80	257.80	6,806.7	-1,876.0	-286.6	1,897.5	0.18	0.17	-3.85
7,362.0	0.90	258.70	6,981.7	-1,876.5	-289.1	1,898.3	0.06	0.06	0.51
7,537.0	1.10	268.90	7,156.7	-1,876.8	-292.1	1,899.0	0.15	0.11	5.83
7,711.0	1.10	274.30	7,330.7	-1,876.7	-295.5	1,899.4	0.06	0.00	3.10
7,843.5	1.17	286.53	7,463.2	-1,876.2	-298.0	1,899.3	0.19	0.05	9.23
TARGET CIRCLE 2529'FNL & 1500'FWL									
7,886.0	1.20	290.10	7,505.6	-1,875.9	-298.9	1,899.1	0.19	0.08	8.40
8,060.0	0.70	327.20	7,679.6	-1,874.4	-301.2	1,897.9	0.44	-0.29	21.32
8,235.0	0.60	347.10	7,854.6	-1,872.6	-302.0	1,896.2	0.14	-0.06	11.37
8,410.0	0.60	355.00	8,029.6	-1,870.8	-302.2	1,894.5	0.05	0.00	4.51
8,584.0	0.60	349.60	8,203.6	-1,869.0	-302.5	1,892.7	0.03	0.00	-3.10
8,687.0	0.70	314.60	8,306.6	-1,868.1	-303.0	1,891.8	0.39	0.10	-33.98
8,737.0	0.70	314.60	8,356.6	-1,867.6	-303.5	1,891.5	0.00	0.00	0.00
HARDLINE 100'S OF DRILL TARGET BHL									

Checked By: _____ Approved By: _____ Date: _____