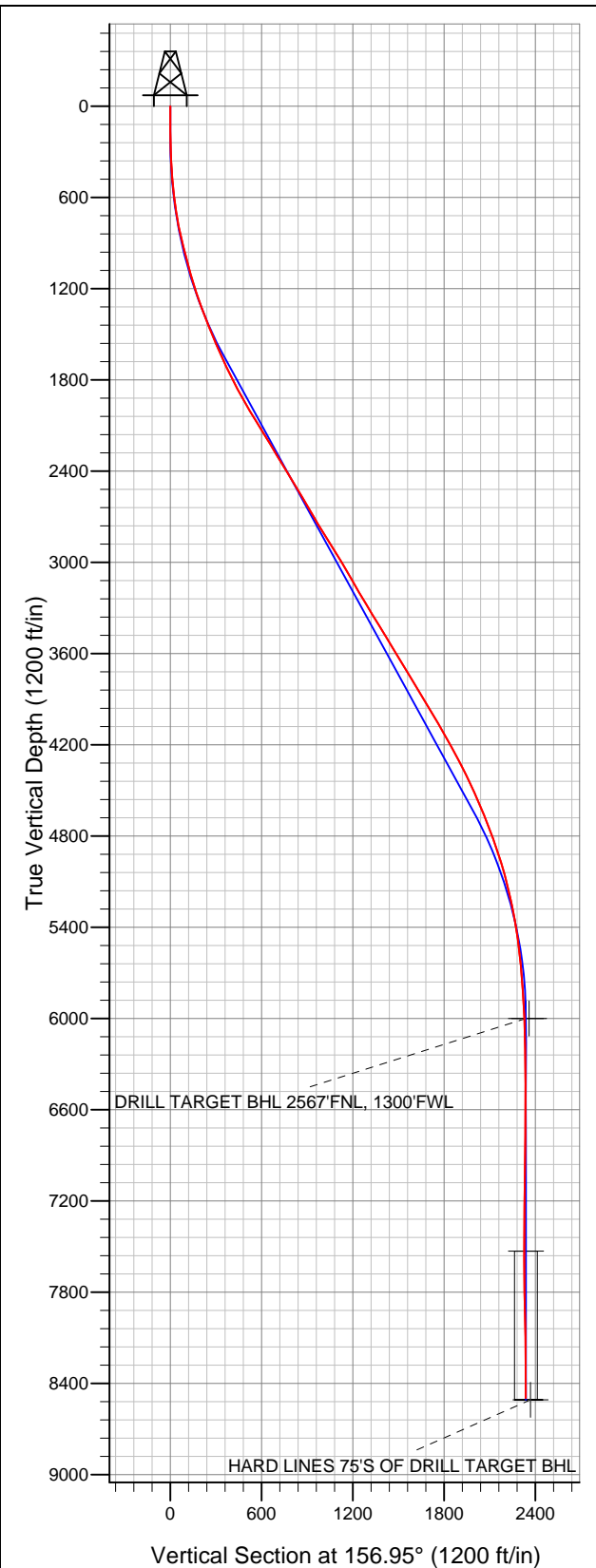


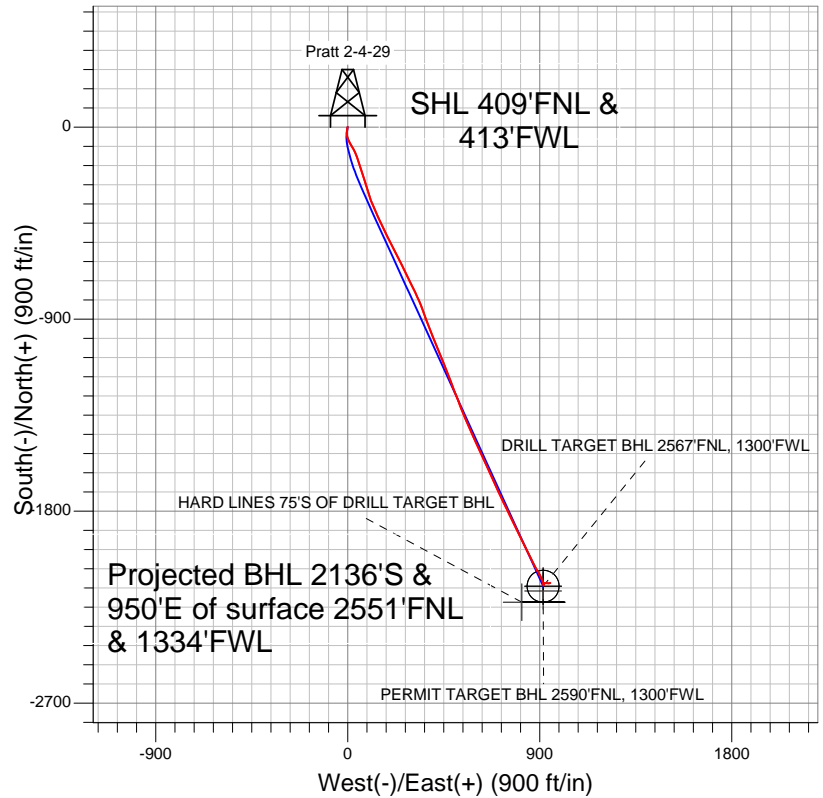
Well Name: Pratt 2-4-29

Surface Location: Pratt 0-2-29 Pad Sec.29-T1N-R68W
North American Datum 1983 US State Plane 1983Colorado Northern Zone
Ground Elevation: 5116.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1253434.40	3130049.07	40.028130	-105.035600	
Original Well Elev			WELL @ 5129.0ft (Original Well Elev)			



EnCana Oil & Gas Weld County CO



- LEGEND
- Wellbore #1
 - Pratt 2-4-29, Wellbore #1, Plan #1 (4-16-12) R V0
 - Survey #1

Final Survey Plot

Projected Final Survey -
9044'MD & 8496'TVD @ 2337'VS
1.20 deg Inc 72.20 deg AZ

Project: SEC.29-T1N-R68W
Site: Pratt 0-2-29 Pad Sec.29-T1N-R68W
Well: Pratt 2-4-29
Plan: Wellbore #1



EnCana Oil & Gas Weld County CO

SEC.29-T1N-R68W

Pratt 0-2-29 Pad Sec.29-T1N-R68W

Pratt 2-4-29

Wellbore #1

Survey: Survey #1

Standard Survey Report

24 April, 2012

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 Survey	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	71.0	0.80	226.10	71.0	-0.3	-0.4	0.2	1.13	1.13	0.00
	163.0	1.10	225.10	163.0	-1.4	-1.4	0.7	0.33	0.33	-1.09
	254.0	1.80	188.30	254.0	-3.4	-2.3	2.3	1.24	0.77	-40.44
	345.0	2.90	186.80	344.9	-7.1	-2.7	5.5	1.21	1.21	-1.65
	437.0	4.30	180.10	436.7	-12.9	-3.0	10.7	1.59	1.52	-7.28
	529.0	6.50	184.80	528.3	-21.5	-3.5	18.5	2.44	2.39	5.11
	621.0	7.90	180.80	619.6	-33.1	-4.0	28.8	1.62	1.52	-4.35
	712.0	9.00	168.00	709.6	-46.3	-2.6	41.6	2.39	1.21	-14.07
	804.0	11.60	151.10	800.1	-61.4	3.4	57.8	4.30	2.83	-18.37
	868.0	13.60	149.10	862.6	-73.5	10.3	71.7	3.20	3.13	-3.13
	932.0	14.00	154.00	924.7	-86.9	17.6	86.9	1.93	0.63	7.66
	958.0	13.90	149.80	949.9	-92.4	20.5	93.1	3.91	-0.38	-16.15

Company:	EnCana Oil & Gas Weld County CO	Local Co-ordinate Reference:	Well Pratt 2-4-29
Project:	SEC.29-T1N-R68W	TVD Reference:	WELL @ 5129.0ft (Original Well Elev)
Site:	Pratt 0-2-29 Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5129.0ft (Original Well Elev)
Well:	Pratt 2-4-29	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)	
1,046.0	14.90	153.00	1,035.2	-111.7	31.0	114.9	1.45	1.14	3.64	
1,133.0	16.40	159.00	1,119.0	-133.1	40.5	138.3	2.53	1.72	6.90	
1,220.0	18.30	161.80	1,202.0	-157.5	49.1	164.2	2.38	2.18	3.22	
1,308.0	19.30	162.30	1,285.3	-184.5	57.9	192.5	1.15	1.14	0.57	
1,395.0	21.00	161.40	1,367.0	-213.0	67.2	222.3	1.99	1.95	-1.03	
1,482.0	21.90	163.20	1,448.0	-243.3	76.9	254.0	1.28	1.03	2.07	
1,569.0	22.90	162.50	1,528.4	-275.0	86.7	287.0	1.19	1.15	-0.80	
1,657.0	23.90	163.00	1,609.1	-308.4	97.0	321.7	1.16	1.14	0.57	
1,744.0	25.20	159.90	1,688.3	-342.6	108.6	357.8	2.10	1.49	-3.56	
1,831.0	25.70	156.40	1,766.8	-377.3	122.5	395.1	1.82	0.57	-4.02	
1,919.0	27.30	155.50	1,845.6	-413.1	138.5	434.4	1.87	1.82	-1.02	
2,006.0	29.80	155.60	1,922.0	-451.0	155.7	475.9	2.87	2.87	0.11	
2,093.0	31.40	153.70	1,996.9	-491.0	174.7	520.2	2.15	1.84	-2.18	
2,181.0	31.40	153.20	2,072.0	-532.0	195.2	565.9	0.30	0.00	-0.57	
2,268.0	31.70	153.00	2,146.1	-572.6	215.7	611.4	0.37	0.34	-0.23	
2,355.0	31.00	153.50	2,220.4	-613.0	236.1	656.5	0.86	-0.80	0.57	
2,442.0	30.80	152.50	2,295.1	-652.8	256.4	701.1	0.63	-0.23	-1.15	
2,530.0	31.50	154.10	2,370.4	-693.5	276.9	746.5	1.23	0.80	1.82	
2,617.0	31.20	154.60	2,444.7	-734.3	296.4	791.7	0.46	-0.34	0.57	
2,704.0	31.40	154.40	2,519.0	-775.1	315.9	836.9	0.26	0.23	-0.23	
2,792.0	30.50	156.50	2,594.5	-816.3	334.7	882.1	1.60	-1.02	2.39	
2,879.0	29.80	159.90	2,669.8	-856.8	350.9	925.8	2.12	-0.80	3.91	
2,966.0	31.10	160.00	2,744.8	-898.2	366.1	969.8	1.50	1.49	0.11	
3,054.0	31.80	158.60	2,819.8	-941.2	382.3	1,015.7	1.15	0.80	-1.59	
3,141.0	32.00	157.60	2,893.7	-983.8	399.4	1,061.7	0.65	0.23	-1.15	
3,228.0	31.50	157.60	2,967.7	-1,026.1	416.9	1,107.4	0.57	-0.57	0.00	
3,315.0	30.60	157.80	3,042.2	-1,067.7	433.9	1,152.3	1.04	-1.03	0.23	
3,403.0	29.60	159.30	3,118.3	-1,108.7	450.1	1,196.4	1.42	-1.14	1.70	
3,490.0	30.40	158.60	3,193.7	-1,149.3	465.7	1,239.9	1.00	0.92	-0.80	
3,577.0	31.00	159.50	3,268.5	-1,190.8	481.6	1,284.3	0.87	0.69	1.03	
3,665.0	31.40	157.80	3,343.8	-1,233.3	498.2	1,329.9	1.10	0.45	-1.93	
3,752.0	31.60	158.80	3,417.9	-1,275.5	515.0	1,375.3	0.64	0.23	1.15	
3,839.0	31.00	157.60	3,492.3	-1,317.5	531.8	1,420.5	0.99	-0.69	-1.38	
3,927.0	31.10	157.10	3,567.7	-1,359.3	549.2	1,465.9	0.31	0.11	-0.57	
4,014.0	31.30	157.80	3,642.1	-1,401.0	566.5	1,510.9	0.48	0.23	0.80	
4,101.0	31.30	155.80	3,716.4	-1,442.5	584.3	1,556.1	1.19	0.00	-2.30	
4,188.0	31.10	154.80	3,790.8	-1,483.5	603.2	1,601.2	0.64	-0.23	-1.15	
4,276.0	31.00	154.90	3,866.2	-1,524.5	622.4	1,646.5	0.13	-0.11	0.11	
4,363.0	31.00	155.60	3,940.8	-1,565.2	641.2	1,691.3	0.41	0.00	0.80	
4,450.0	31.00	156.00	4,015.4	-1,606.1	659.6	1,736.1	0.24	0.00	0.46	
4,538.0	29.60	155.30	4,091.4	-1,646.6	677.9	1,780.5	1.64	-1.59	-0.80	
4,625.0	29.50	156.20	4,167.0	-1,685.7	695.5	1,823.4	0.52	-0.11	1.03	
4,712.0	28.30	154.60	4,243.2	-1,723.9	713.0	1,865.4	1.64	-1.38	-1.84	
4,800.0	27.20	154.40	4,321.1	-1,760.9	730.6	1,906.4	1.25	-1.25	-0.23	
4,887.0	26.20	153.50	4,398.8	-1,796.0	747.8	1,945.4	1.24	-1.15	-1.03	
4,974.0	25.10	154.60	4,477.2	-1,829.9	764.3	1,983.0	1.38	-1.26	1.26	
5,061.0	23.60	153.90	4,556.5	-1,862.2	779.8	2,018.8	1.76	-1.72	-0.80	
5,149.0	22.10	153.00	4,637.6	-1,892.7	795.1	2,052.9	1.75	-1.70	-1.02	
5,236.0	21.20	153.90	4,718.4	-1,921.5	809.5	2,085.0	1.10	-1.03	1.03	
5,323.0	20.30	153.90	4,799.8	-1,949.1	823.0	2,115.8	1.03	-1.03	0.00	
5,411.0	19.20	153.90	4,882.6	-1,975.8	836.1	2,145.5	1.25	-1.25	0.00	
5,498.0	17.60	154.20	4,965.2	-2,000.5	848.1	2,172.9	1.84	-1.84	0.34	
5,585.0	15.40	153.90	5,048.6	-2,022.7	858.9	2,197.6	2.53	-2.53	-0.34	
5,673.0	12.90	153.40	5,133.9	-2,042.0	868.5	2,219.0	2.84	-2.84	-0.57	

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Site:	Pratt 0-2-29 Pad Sec.29-T1N-R68W	MD Reference:	WELL @ 5129.0ft (Original Well Elev)
Well:	Pratt 2-4-29	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)
5,760.0	12.50	150.40	5,218.8	-2,058.9	877.5	2,238.1	0.89	-0.46	-3.45
5,847.0	11.20	149.80	5,303.9	-2,074.4	886.4	2,255.8	1.50	-1.49	-0.69
5,934.0	9.90	150.50	5,389.5	-2,088.2	894.3	2,271.6	1.50	-1.49	0.80
6,022.0	7.60	152.70	5,476.4	-2,100.0	900.7	2,285.0	2.64	-2.61	2.50
6,109.0	6.40	154.40	5,562.8	-2,109.4	905.4	2,295.5	1.40	-1.38	1.95
6,196.0	5.20	159.70	5,649.3	-2,117.5	908.9	2,304.3	1.51	-1.38	6.09
6,284.0	4.70	160.90	5,737.0	-2,124.7	911.5	2,311.9	0.58	-0.57	1.36
6,371.0	4.00	161.10	5,823.7	-2,130.9	913.6	2,318.5	0.80	-0.80	0.23
6,458.0	3.10	162.90	5,910.6	-2,136.0	915.3	2,323.8	1.04	-1.03	2.07
6,546.0	2.40	160.70	5,998.5	-2,140.0	916.6	2,328.1	0.80	-0.80	-2.50
6,548.0	2.39	160.90	6,000.4	-2,140.1	916.6	2,328.1	0.85	-0.73	10.33
DRILL TARGET BHL 2567'FNL, 1300'FWL									
6,548.7	2.38	160.98	6,001.2	-2,140.1	916.6	2,328.2	0.85	-0.73	10.42
PERMIT TARGET BHL 2590'FNL, 1300'FWL									
6,633.0	1.80	172.70	6,085.4	-2,143.1	917.4	2,331.2	0.85	-0.69	13.90
6,720.0	1.20	171.10	6,172.4	-2,145.4	917.7	2,333.4	0.69	-0.69	-1.84
6,807.0	0.20	225.80	6,259.4	-2,146.4	917.7	2,334.3	1.26	-1.15	62.87
6,895.0	0.40	149.30	6,347.4	-2,146.7	917.8	2,334.7	0.46	0.23	-86.93
7,069.0	0.40	98.30	6,521.4	-2,147.3	918.7	2,335.6	0.20	0.00	-29.31
7,244.0	0.50	2.50	6,696.4	-2,146.7	919.3	2,335.2	0.38	0.06	-54.74
7,419.0	0.70	0.60	6,871.4	-2,144.8	919.4	2,333.6	0.11	0.11	-1.09
7,593.0	0.60	8.20	7,045.4	-2,142.9	919.5	2,331.8	0.08	-0.06	4.37
7,768.0	0.90	1.50	7,220.3	-2,140.6	919.7	2,329.8	0.18	0.17	-3.83
7,942.0	0.70	24.00	7,394.3	-2,138.3	920.1	2,327.8	0.21	-0.11	12.93
8,076.5	0.83	55.14	7,528.8	-2,137.0	921.3	2,327.1	0.32	0.09	23.15
TARGET CIRCLE 2567'FNL & 1300'FWL									
8,117.0	0.90	62.10	7,569.3	-2,136.6	921.8	2,327.0	0.32	0.18	17.18
8,292.0	1.60	101.70	7,744.3	-2,136.5	925.4	2,328.2	0.61	0.40	22.63
8,466.0	2.80	98.30	7,918.1	-2,137.6	932.0	2,331.8	0.69	0.69	-1.95
8,641.0	2.10	90.80	8,093.0	-2,138.3	939.4	2,335.4	0.44	-0.40	-4.29
8,815.0	1.40	76.90	8,266.9	-2,137.8	944.7	2,337.0	0.47	-0.40	-7.99
8,990.0	1.20	72.20	8,441.8	-2,136.8	948.5	2,337.6	0.13	-0.11	-2.69
9,044.0	1.20	72.20	8,495.8	-2,136.4	949.6	2,337.7	0.00	0.00	0.00
HARD LINES 75'S OF DRILL TARGET BHL									

Checked By: _____	Approved By: _____	Date: _____
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