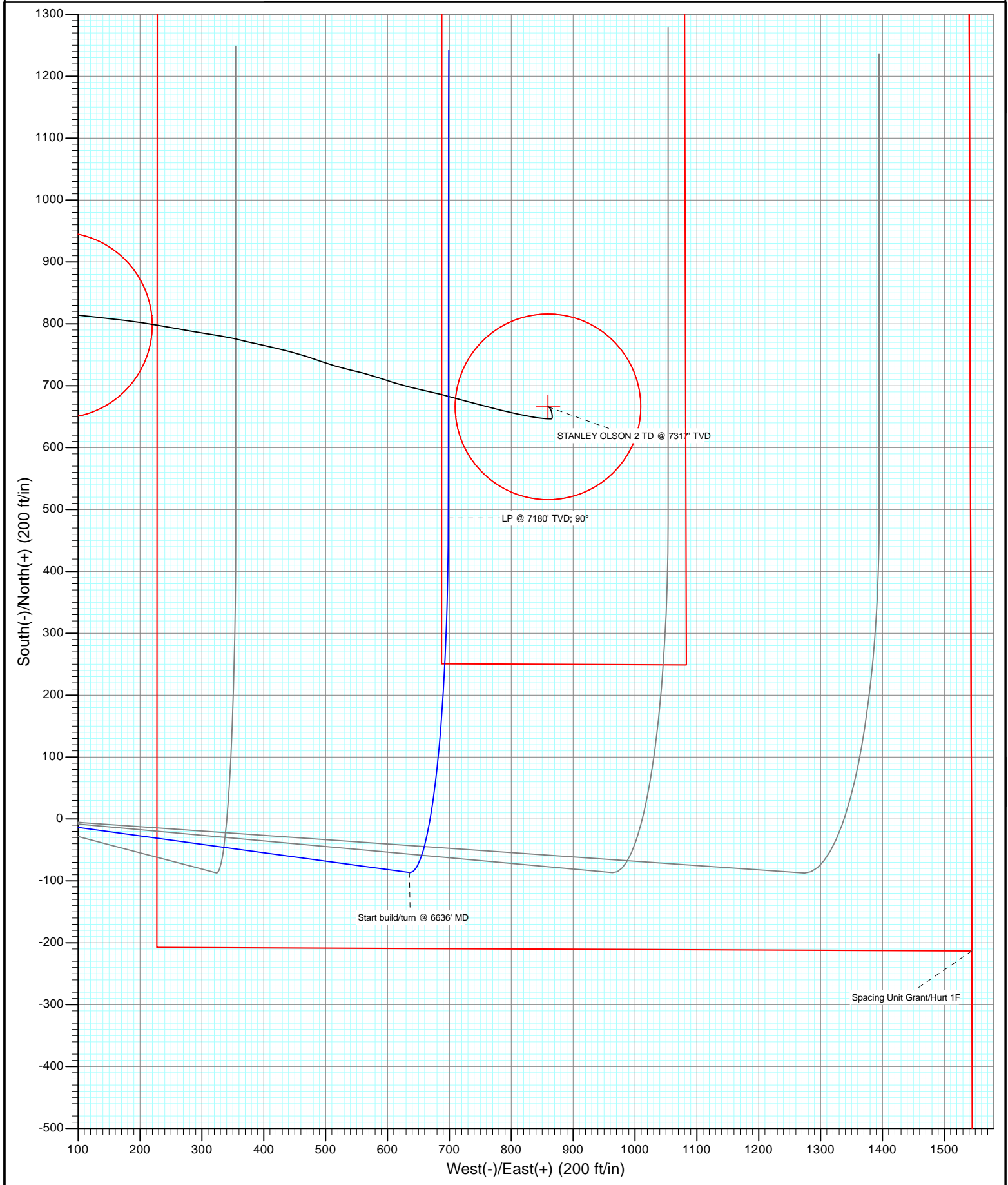




Project: DJ Wattenberg  
Site: S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)  
Well: Grant-Hurt 1F-14H-G268  
Wellbore: Hz  
Design: Plan #2



## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>North Reference:</b>	True
<b>Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #2		

<b>Project</b>	DJ Wattenberg		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Colorado Northern Zone		

<b>Site</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)				
<b>Site Position:</b>		<b>Northing:</b>	1,295,686.81 ft	<b>Latitude:</b>	40.143850
<b>From:</b>	Lat/Long	<b>Easting:</b>	3,147,060.98 ft	<b>Longitude:</b>	-104.973980
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	0.34 °

<b>Well</b>	Grant-Hurt 1F-14H-G268					
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	1,294,034.45 ft	<b>Latitude:</b>	40.139280
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	3,149,145.32 ft	<b>Longitude:</b>	-104.966560
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	4,888.0 ft

<b>Wellbore</b>	Hz				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination</b>	<b>Dip Angle</b>	<b>Field Strength</b>
	IGRF2010	6/24/2013	(°)	(°)	(nT)
			8.68	66.74	52,759

<b>Design</b>	Plan #2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD)</b>	<b>+N/-S</b>	<b>+E/-W</b>	<b>Direction</b>
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	0.00

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,021.4	6.21	97.76	1,020.2	-4.5	33.4	1.00	1.00	0.00	97.76	
6,636.3	6.21	97.76	6,602.1	-86.6	635.5	0.00	0.00	0.00	0.00	
7,544.6	90.00	0.05	7,180.0	486.2	698.4	10.00	9.22	-10.76	-97.67	
14,358.6	90.00	0.05	7,180.0	7,300.2	704.3	0.00	0.00	0.00	0.00	Grant-Hurt 1F-14H-G;

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>North Reference:</b>	True
<b>Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
263.0	0.00	0.00	263.0	0.0	0.0	0.0	0.00	0.00	Fox Hills - BASE
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	KOP @ 400'
500.0	1.00	97.76	500.0	-0.1	0.9	-0.1	1.00	1.00	
600.0	2.00	97.76	600.0	-0.5	3.5	-0.5	1.00	1.00	
700.0	3.00	97.76	699.9	-1.1	7.8	-1.1	1.00	1.00	
800.0	4.00	97.76	799.7	-1.9	13.8	-1.9	1.00	1.00	
900.0	5.00	97.76	899.4	-2.9	21.6	-2.9	1.00	1.00	
1,000.0	6.00	97.76	998.9	-4.2	31.1	-4.2	1.00	1.00	
1,021.4	6.21	97.76	1,020.2	-4.5	33.4	-4.5	1.00	1.00	EOB; Inc=6.21°
1,100.0	6.21	97.76	1,098.3	-5.7	41.8	-5.7	0.00	0.00	
1,200.0	6.21	97.76	1,197.7	-7.2	52.5	-7.2	0.00	0.00	
1,300.0	6.21	97.76	1,297.1	-8.6	63.2	-8.6	0.00	0.00	
1,400.0	6.21	97.76	1,396.6	-10.1	74.0	-10.1	0.00	0.00	
1,500.0	6.21	97.76	1,496.0	-11.5	84.7	-11.5	0.00	0.00	
1,600.0	6.21	97.76	1,595.4	-13.0	95.4	-13.0	0.00	0.00	
1,700.0	6.21	97.76	1,694.8	-14.5	106.1	-14.5	0.00	0.00	
1,800.0	6.21	97.76	1,794.2	-15.9	116.9	-15.9	0.00	0.00	
1,900.0	6.21	97.76	1,893.6	-17.4	127.6	-17.4	0.00	0.00	
2,000.0	6.21	97.76	1,993.0	-18.9	138.3	-18.9	0.00	0.00	
2,100.0	6.21	97.76	2,092.4	-20.3	149.0	-20.3	0.00	0.00	
2,200.0	6.21	97.76	2,191.9	-21.8	159.8	-21.8	0.00	0.00	
2,300.0	6.21	97.76	2,291.3	-23.2	170.5	-23.2	0.00	0.00	
2,400.0	6.21	97.76	2,390.7	-24.7	181.2	-24.7	0.00	0.00	
2,500.0	6.21	97.76	2,490.1	-26.2	191.9	-26.2	0.00	0.00	
2,600.0	6.21	97.76	2,589.5	-27.6	202.7	-27.6	0.00	0.00	
2,700.0	6.21	97.76	2,688.9	-29.1	213.4	-29.1	0.00	0.00	
2,800.0	6.21	97.76	2,788.3	-30.5	224.1	-30.5	0.00	0.00	
2,900.0	6.21	97.76	2,887.7	-32.0	234.8	-32.0	0.00	0.00	
3,000.0	6.21	97.76	2,987.2	-33.5	245.6	-33.5	0.00	0.00	
3,100.0	6.21	97.76	3,086.6	-34.9	256.3	-34.9	0.00	0.00	
3,200.0	6.21	97.76	3,186.0	-36.4	267.0	-36.4	0.00	0.00	
3,300.0	6.21	97.76	3,285.4	-37.9	277.7	-37.9	0.00	0.00	
3,400.0	6.21	97.76	3,384.8	-39.3	288.5	-39.3	0.00	0.00	
3,500.0	6.21	97.76	3,484.2	-40.8	299.2	-40.8	0.00	0.00	
3,600.0	6.21	97.76	3,583.6	-42.2	309.9	-42.2	0.00	0.00	
3,700.0	6.21	97.76	3,683.0	-43.7	320.6	-43.7	0.00	0.00	
3,800.0	6.21	97.76	3,782.5	-45.2	331.4	-45.2	0.00	0.00	
3,900.0	6.21	97.76	3,881.9	-46.6	342.1	-46.6	0.00	0.00	
4,000.0	6.21	97.76	3,981.3	-48.1	352.8	-48.1	0.00	0.00	
4,045.0	6.21	97.76	4,026.0	-48.7	357.6	-48.7	0.00	0.00	Sussex
4,100.0	6.21	97.76	4,080.7	-49.5	363.5	-49.5	0.00	0.00	
4,199.9	6.21	97.76	4,180.0	-51.0	374.2	-51.0	0.00	0.00	Sussex Marker
4,200.0	6.21	97.76	4,180.1	-51.0	374.3	-51.0	0.00	0.00	
4,300.0	6.21	97.76	4,279.5	-52.5	385.0	-52.5	0.00	0.00	
4,400.0	6.21	97.76	4,378.9	-53.9	395.7	-53.9	0.00	0.00	
4,500.0	6.21	97.76	4,478.3	-55.4	406.4	-55.4	0.00	0.00	
4,600.0	6.21	97.76	4,577.8	-56.9	417.2	-56.9	0.00	0.00	
4,700.0	6.21	97.76	4,677.2	-58.3	427.9	-58.3	0.00	0.00	

Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>North Reference:</b>	True
<b>Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,739.1	6.21	97.76	4,716.0	-58.9	432.1	-58.9	0.00	0.00	Shannon
4,800.0	6.21	97.76	4,776.6	-59.8	438.6	-59.8	0.00	0.00	
4,900.0	6.21	97.76	4,876.0	-61.2	449.3	-61.2	0.00	0.00	
5,000.0	6.21	97.76	4,975.4	-62.7	460.1	-62.7	0.00	0.00	
5,100.0	6.21	97.76	5,074.8	-64.2	470.8	-64.2	0.00	0.00	
5,200.0	6.21	97.76	5,174.2	-65.6	481.5	-65.6	0.00	0.00	
5,300.0	6.21	97.76	5,273.6	-67.1	492.2	-67.1	0.00	0.00	
5,400.0	6.21	97.76	5,373.1	-68.5	502.9	-68.5	0.00	0.00	
5,500.0	6.21	97.76	5,472.5	-70.0	513.7	-70.0	0.00	0.00	
5,600.0	6.21	97.76	5,571.9	-71.5	524.4	-71.5	0.00	0.00	
5,700.0	6.21	97.76	5,671.3	-72.9	535.1	-72.9	0.00	0.00	
5,800.0	6.21	97.76	5,770.7	-74.4	545.8	-74.4	0.00	0.00	
5,900.0	6.21	97.76	5,870.1	-75.9	556.6	-75.9	0.00	0.00	
6,000.0	6.21	97.76	5,969.5	-77.3	567.3	-77.3	0.00	0.00	
6,030.6	6.21	97.76	6,000.0	-77.8	570.6	-77.8	0.00	0.00	Teepee Buttes (*if present)
6,100.0	6.21	97.76	6,068.9	-78.8	578.0	-78.8	0.00	0.00	
6,200.0	6.21	97.76	6,168.4	-80.2	588.7	-80.2	0.00	0.00	
6,300.0	6.21	97.76	6,267.8	-81.7	599.5	-81.7	0.00	0.00	
6,400.0	6.21	97.76	6,367.2	-83.2	610.2	-83.2	0.00	0.00	
6,500.0	6.21	97.76	6,466.6	-84.6	620.9	-84.6	0.00	0.00	
6,600.0	6.21	97.76	6,566.0	-86.1	631.6	-86.1	0.00	0.00	
6,636.3	6.21	97.76	6,602.1	-86.6	635.5	-86.6	0.00	0.00	Start build/turn @ 6636' MD
6,700.0	8.28	47.93	6,665.3	-84.0	642.4	-84.0	10.00	3.24	
6,800.0	16.69	21.15	6,763.0	-65.8	652.9	-65.8	10.00	8.41	
6,900.0	26.22	12.70	6,855.9	-30.7	663.0	-30.7	10.00	9.54	
7,000.0	36.00	8.59	6,941.5	20.0	672.2	20.0	10.00	9.78	
7,100.0	45.86	6.06	7,016.9	84.9	680.4	84.9	10.00	9.86	
7,164.2	52.22	4.85	7,059.0	133.2	685.0	133.2	10.00	9.90	Sharon Springs
7,200.0	55.77	4.26	7,080.0	162.0	687.3	162.0	10.00	9.91	
7,274.8	63.19	3.18	7,118.0	226.3	691.5	226.3	10.00	9.92	Niobrara
7,300.0	65.69	2.84	7,128.9	249.0	692.7	249.0	10.00	9.93	
7,400.0	75.63	1.63	7,162.0	343.2	696.3	343.2	10.00	9.93	
7,437.1	79.31	1.22	7,170.0	379.3	697.2	379.3	10.00	9.94	B Chalk
7,500.0	85.57	0.53	7,178.3	441.7	698.2	441.7	10.00	9.94	
7,544.6	90.00	0.05	7,180.0	486.2	698.4	486.2	10.00	9.94	LP @ 7180' TVD; 90°
7,600.0	90.00	0.05	7,180.0	541.6	698.4	541.6	0.00	0.00	
7,700.0	90.00	0.05	7,180.0	641.6	698.5	641.6	0.00	0.00	
7,800.0	90.00	0.05	7,180.0	741.6	698.6	741.6	0.00	0.00	
7,900.0	90.00	0.05	7,180.0	841.6	698.7	841.6	0.00	0.00	
8,000.0	90.00	0.05	7,180.0	941.6	698.8	941.6	0.00	0.00	
8,100.0	90.00	0.05	7,180.0	1,041.6	698.9	1,041.6	0.00	0.00	
8,200.0	90.00	0.05	7,180.0	1,141.6	699.0	1,141.6	0.00	0.00	
8,300.0	90.00	0.05	7,180.0	1,241.6	699.1	1,241.6	0.00	0.00	
8,400.0	90.00	0.05	7,180.0	1,341.6	699.1	1,341.6	0.00	0.00	
8,500.0	90.00	0.05	7,180.0	1,441.6	699.2	1,441.6	0.00	0.00	
8,600.0	90.00	0.05	7,180.0	1,541.6	699.3	1,541.6	0.00	0.00	
8,700.0	90.00	0.05	7,180.0	1,641.6	699.4	1,641.6	0.00	0.00	
8,800.0	90.00	0.05	7,180.0	1,741.6	699.5	1,741.6	0.00	0.00	
8,900.0	90.00	0.05	7,180.0	1,841.6	699.6	1,841.6	0.00	0.00	
9,000.0	90.00	0.05	7,180.0	1,941.6	699.7	1,941.6	0.00	0.00	
9,100.0	90.00	0.05	7,180.0	2,041.6	699.8	2,041.6	0.00	0.00	
9,200.0	90.00	0.05	7,180.0	2,141.6	699.8	2,141.6	0.00	0.00	

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>North Reference:</b>	True
<b>Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
9,300.0	90.00	0.05	7,180.0	2,241.6	699.9	2,241.6	0.00	0.00	
9,400.0	90.00	0.05	7,180.0	2,341.6	700.0	2,341.6	0.00	0.00	
9,500.0	90.00	0.05	7,180.0	2,441.6	700.1	2,441.6	0.00	0.00	
9,600.0	90.00	0.05	7,180.0	2,541.6	700.2	2,541.6	0.00	0.00	
9,700.0	90.00	0.05	7,180.0	2,641.6	700.3	2,641.6	0.00	0.00	
9,800.0	90.00	0.05	7,180.0	2,741.6	700.4	2,741.6	0.00	0.00	
9,900.0	90.00	0.05	7,180.0	2,841.6	700.4	2,841.6	0.00	0.00	
10,000.0	90.00	0.05	7,180.0	2,941.6	700.5	2,941.6	0.00	0.00	
10,100.0	90.00	0.05	7,180.0	3,041.6	700.6	3,041.6	0.00	0.00	
10,200.0	90.00	0.05	7,180.0	3,141.6	700.7	3,141.6	0.00	0.00	
10,300.0	90.00	0.05	7,180.0	3,241.6	700.8	3,241.6	0.00	0.00	
10,400.0	90.00	0.05	7,180.0	3,341.6	700.9	3,341.6	0.00	0.00	
10,500.0	90.00	0.05	7,180.0	3,441.6	701.0	3,441.6	0.00	0.00	
10,600.0	90.00	0.05	7,180.0	3,541.6	701.1	3,541.6	0.00	0.00	
10,700.0	90.00	0.05	7,180.0	3,641.6	701.1	3,641.6	0.00	0.00	
10,800.0	90.00	0.05	7,180.0	3,741.6	701.2	3,741.6	0.00	0.00	
10,900.0	90.00	0.05	7,180.0	3,841.6	701.3	3,841.6	0.00	0.00	
11,000.0	90.00	0.05	7,180.0	3,941.6	701.4	3,941.6	0.00	0.00	
11,100.0	90.00	0.05	7,180.0	4,041.6	701.5	4,041.6	0.00	0.00	
11,200.0	90.00	0.05	7,180.0	4,141.6	701.6	4,141.6	0.00	0.00	
11,300.0	90.00	0.05	7,180.0	4,241.6	701.7	4,241.6	0.00	0.00	
11,400.0	90.00	0.05	7,180.0	4,341.6	701.8	4,341.6	0.00	0.00	
11,500.0	90.00	0.05	7,180.0	4,441.6	701.8	4,441.6	0.00	0.00	
11,600.0	90.00	0.05	7,180.0	4,541.6	701.9	4,541.6	0.00	0.00	
11,700.0	90.00	0.05	7,180.0	4,641.6	702.0	4,641.6	0.00	0.00	
11,800.0	90.00	0.05	7,180.0	4,741.6	702.1	4,741.6	0.00	0.00	
11,900.0	90.00	0.05	7,180.0	4,841.6	702.2	4,841.6	0.00	0.00	
12,000.0	90.00	0.05	7,180.0	4,941.6	702.3	4,941.6	0.00	0.00	
12,100.0	90.00	0.05	7,180.0	5,041.6	702.4	5,041.6	0.00	0.00	
12,200.0	90.00	0.05	7,180.0	5,141.6	702.5	5,141.6	0.00	0.00	
12,300.0	90.00	0.05	7,180.0	5,241.6	702.5	5,241.6	0.00	0.00	
12,400.0	90.00	0.05	7,180.0	5,341.6	702.6	5,341.6	0.00	0.00	
12,500.0	90.00	0.05	7,180.0	5,441.6	702.7	5,441.6	0.00	0.00	
12,600.0	90.00	0.05	7,180.0	5,541.6	702.8	5,541.6	0.00	0.00	
12,700.0	90.00	0.05	7,180.0	5,641.6	702.9	5,641.6	0.00	0.00	
12,800.0	90.00	0.05	7,180.0	5,741.6	703.0	5,741.6	0.00	0.00	
12,900.0	90.00	0.05	7,180.0	5,841.6	703.1	5,841.6	0.00	0.00	
13,000.0	90.00	0.05	7,180.0	5,941.6	703.2	5,941.6	0.00	0.00	
13,100.0	90.00	0.05	7,180.0	6,041.6	703.2	6,041.6	0.00	0.00	
13,200.0	90.00	0.05	7,180.0	6,141.6	703.3	6,141.6	0.00	0.00	
13,300.0	90.00	0.05	7,180.0	6,241.6	703.4	6,241.6	0.00	0.00	
13,400.0	90.00	0.05	7,180.0	6,341.6	703.5	6,341.6	0.00	0.00	
13,500.0	90.00	0.05	7,180.0	6,441.6	703.6	6,441.6	0.00	0.00	
13,600.0	90.00	0.05	7,180.0	6,541.6	703.7	6,541.6	0.00	0.00	
13,700.0	90.00	0.05	7,180.0	6,641.6	703.8	6,641.6	0.00	0.00	
13,800.0	90.00	0.05	7,180.0	6,741.6	703.9	6,741.6	0.00	0.00	
13,900.0	90.00	0.05	7,180.0	6,841.6	703.9	6,841.6	0.00	0.00	
14,000.0	90.00	0.05	7,180.0	6,941.6	704.0	6,941.6	0.00	0.00	
14,100.0	90.00	0.05	7,180.0	7,041.6	704.1	7,041.6	0.00	0.00	
14,200.0	90.00	0.05	7,180.0	7,141.6	704.2	7,141.6	0.00	0.00	
14,300.0	90.00	0.05	7,180.0	7,241.6	704.3	7,241.6	0.00	0.00	
14,358.6	90.00	0.05	7,180.0	7,300.2	704.3	7,300.2	0.00	0.00	TD at 14358.6

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>North Reference:</b>	True
<b>Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #2		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
Grant-Hurt 1F-14H-G268 - hit/miss target - Shape - Point	0.00	0.00	7,180.0	7,300.2	704.3	1,301,338.77	3,149,805.73	40.159320	-104.964040

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
263.0	263.0	Fox Hills - BASE				
4,045.0	4,026.0	Sussex				
4,199.9	4,180.0	Sussex Marker				
4,739.1	4,716.0	Shannon				
6,030.6	6,000.0	Teepee Buttes (*if present)				
7,164.2	7,059.0	Sharon Springs				
7,274.8	7,118.0	Niobrara				
7,437.1	7,170.0	B Chalk				

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
400.0	400.0	0.0	0.0	KOP @ 400'	
1,021.4	1,020.2	-4.5	33.4	EOB; Inc=6.21°	
6,636.3	6,602.1	-86.6	635.5	Start build/turn @ 6636' MD	
7,544.6	7,180.0	486.2	698.4	LP @ 7180' TVD; 90°	
14,358.6	7,180.0	7,300.2	704.3	TD at 14358.6	

# **EnCana Oil & Gas (USA) Inc**

**DJ Wattenberg**

**S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)**

**Grant-Hurt 1F-14H-G268**

**Hz**

**Plan #2**

## **Anticollision Report**

**19 September, 2013**

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #2		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	Systematic Ellipse
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 500.0ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>		<b>Date</b>	9/19/2013		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
0.0	14,357.9	Plan #2 (Hz)	Geolink MWD	Geolink MWD	

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)						
BERGER 32-23 (EXISTING) - EXISTING - NO SURVEY						Out of range
BUTCHER-TULL 1 (EXISTING) - VESSELS WELL - NO						Out of range
DEL CAMINO 11-14 (EXISTING) - EXISTING - NO SURV						Out of range
ELMQUIST 0-0-23 (EXISTING) - EXISTING - SURVEYS						Out of range
ELMQUIST 1 (EXISTING) - EXISTING - GYRO						Out of range
ELMQUIST 11-23 (EXISTING) - EXISTING - GYRO						Out of range
ELMQUIST 12-23 (EXISTING) - EXISTING - NO SURVE						Out of range
ELMQUIST 21-23 (EXISTING) - EXISTING - SURVEYS						Out of range
ELMQUIST 2-4-23 (EXISTING) - EXISTING - SURVEYS						Out of range
ELMQUIST 4-2-23 (EXISTING) - EXISTING - SURVEYS						Out of range
ELMQUIST 4-4-23 (EXISTING) - EXISTING - SURVEYS						Out of range
EVERIST 26-15 (EXISTING) - KMG WELL - PLAN ONLY						Out of range
EVERIST 39-10 (EXISTING) - EXISTING - NO SURVEY						Out of range
GRANT 23-11 (EXISTING) - ENCANA WELL - SURVEYS						Out of range
GRANT 2-8-11 (EXISTING) - ENCANA WELL - SURVEY						Out of range
GRANT 3-6-11 (EXISTING) - ENCANA WELL - SURVEY						Out of range
GRANT BROTHERS 1 (EXISTING) - PDC WELL - NO S	13,700.2	7,112.0	163.5	32.3	1.246	Level 2, CC, ES, SF
Grant Elmquist 2A-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2B-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2C-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2D-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2E-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2F-14H-C268 - Hz - Plan #2						Out of range
Grant Elmquist 2G-14H-C268 - Hz - Plan #2						Out of range
Grant Salisbury 2A-14H-C268 - Hz - Plan #2						Out of range
Grant Salisbury 2B-14H-C268 - Hz - Plan #1						Out of range
Grant Salisbury 2C-14H-C268 - Hz - Plan #1						Out of range
Grant Salisbury 2D-14H-C268 - Hz - Plan #1						Out of range
Grant Salisbury 2E-14H-C268 - Hz - Plan #1						Out of range
Grant Salisbury 2F-14H-C268 - Hz - Plan #1						Out of range
Grant-Hurt 1A-14H-G268 - Hz - Plan #1	200.0	200.0	47.5	46.9	77.806	CC, ES
Grant-Hurt 1A-14H-G268 - Hz - Plan #1	600.0	595.9	64.4	62.4	32.183	SF
Grant-Hurt 1B-14H-G268 - Hz - Plan #1	300.0	300.0	39.1	38.2	40.775	CC, ES
Grant-Hurt 1B-14H-G268 - Hz - Plan #1	600.0	597.5	50.3	48.3	25.142	SF
Grant-Hurt 1C-14H-G268 - Hz - Plan #1	400.0	400.0	28.0	26.6	21.358	CC, ES
Grant-Hurt 1C-14H-G268 - Hz - Plan #1	600.0	598.8	34.7	32.7	17.332	SF
Grant-Hurt 1D-14H-G268 - Hz - Plan #1	400.0	400.0	19.6	18.3	14.951	CC, ES
Grant-Hurt 1D-14H-G268 - Hz - Plan #1	600.0	600.0	23.0	21.0	11.480	SF
Grant-Hurt 1E-14H-G268 - Hz - Plan #1	400.0	400.0	8.4	7.1	6.408	CC, ES
Grant-Hurt 1E-14H-G268 - Hz - Plan #1	14,358.6	14,551.7	412.9	190.8	1.859	SF
Grant-Hurt 1G-14H-G268 - Hz - Plan #1	300.0	300.0	11.2	10.2	11.650	CC, ES
Grant-Hurt 1G-14H-G268 - Hz - Plan #1	14,358.6	14,621.0	412.9	191.0	1.861	SF
Grant-Hurt 1H-14H-G268 - Hz - Plan #1	200.0	200.0	22.4	21.8	36.615	CC, ES
Grant-Hurt 1H-14H-G268 - Hz - Plan #1	1,100.0	1,094.1	50.7	46.9	13.517	SF
HSR-BEAR 13-14A (EXISTING) - EXISTING - SURVEYS						Out of range
HURT 1 (EXISTING) - ENCANA WELL - NO SURVEYS	10,605.6	7,170.0	178.0	100.5	2.297	CC, ES, SF
HURT 33-11 (EXISTING) - ENCANA WELL - SURVEYS						Out of range
HURT 34-11 (EXISTING) - ENCANA WELL - SURVEYS						Out of range
HURT 43-11 (EXISTING) - ENCANA WELL - SURVEYS	11,432.6	7,496.7	46.3	-61.2	0.431	Level 1, CC, ES, SF
HURT 7-8-11 (EXISTING) - ENCANA WELL - SURVEYS	9,617.9	7,419.5	207.4	144.5	3.296	CC, ES, SF
MDM 33-14 (EXISTING) - EXISTING - NO SURVEYS						Out of range
MDM 34-14 (EXISTING) - EXISTING - NO SURVEYS						Out of range
NELSON 1 (EXISTING) - EXISTING - NO SURVEYS						Out of range

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)						
NELSON 23-23C (EXISTING) - EXISTING - NO SURVEY						Out of range
OLANDER 1 (EXISTING) - EXISTING - NO SURVEYS						Out of range
OLANDER 2 (EXISTING) - EXISTING - NO SURVEYS						Out of range
OLANDER U 14-11 (EXISTING) - EXISTING - NO SURV						Out of range
OLANDER U 14-14 (EXISTING) - EXISTING - NO SURV						Out of range
OLSON 1 (EXISTING) - PLAN ONLY - PLAN #1						Out of range
SALISBURY 1 (EXISTING) - EXISTING - GYRO						Out of range
SALISBURY 13-11 (EXISTING) - EXISTING - SURVEYS						Out of range
SALISBURY 14-11 (EXISTING) - EXISTING - SURVEYS						Out of range
SALISBURY 2-4-11 (EXISTING) - EXISTING - SURVEYS						Out of range
STANLEY OLSON 1 (EXISTING) - WHITEWING WELL						Out of range
STANLEY OLSON 2 (EXISTING) - WHITEWING WELL	7,724.1	7,264.1	162.3	131.1	5.204	CC, ES, SF

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - GRANT BROTHERS 1 (EXISTING) - PDC WELL - NO														
Survey Program: 7790-Geolink MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
13,300.0	7,180.0	7,112.0	7,112.0	112.5	12.4	-90.00	6,642.0	540.3	432.3	308.1	124.20	3.481		
13,400.0	7,180.0	7,112.0	7,112.0	114.2	12.4	-90.00	6,642.0	540.3	341.8	215.9	125.95	2.714		
13,500.0	7,180.0	7,112.0	7,112.0	115.9	12.4	-90.00	6,642.0	540.3	258.5	130.8	127.69	2.024		
13,600.0	7,180.0	7,112.0	7,112.0	117.7	12.4	-90.00	6,642.0	540.3	191.7	62.3	129.43	1.481	Level 3	
13,700.0	7,180.0	7,112.0	7,112.0	119.4	12.4	-90.00	6,642.0	540.3	163.5	32.3	131.18	1.246	Level 2	
13,700.2	7,180.0	7,112.0	7,112.0	119.4	12.4	-90.00	6,642.0	540.3	163.5	32.3	131.18	1.246	Level 2, CC, ES, SF	
13,800.0	7,180.0	7,112.0	7,112.0	121.1	12.4	-90.00	6,642.0	540.3	191.5	58.6	132.92	1.441	Level 3	
13,900.0	7,180.0	7,112.0	7,112.0	122.9	12.4	-90.00	6,642.0	540.3	258.2	123.5	134.67	1.917		
14,000.0	7,180.0	7,112.0	7,112.0	124.6	12.4	-90.00	6,642.0	540.3	341.5	205.1	136.41	2.503		
14,100.0	7,180.0	7,112.0	7,112.0	126.3	12.4	-90.00	6,642.0	540.3	431.9	293.8	138.16	3.126		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1A-14H-G268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-Geolink MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-89.99	0.0	-47.5	47.5					
100.0	100.0	100.0	100.0	0.1	0.1	-89.99	0.0	-47.5	47.5	47.3	0.26	181.547		
200.0	200.0	200.0	200.0	0.3	0.3	-89.99	0.0	-47.5	47.5	46.9	0.61	77.806 CC, ES		
300.0	300.0	299.2	299.2	0.5	0.5	-89.71	0.2	-48.4	48.4	47.4	0.96	50.410		
400.0	400.0	398.3	398.3	0.7	0.7	-88.90	1.0	-50.8	50.9	49.5	1.31	38.782		
500.0	500.0	497.3	497.2	0.8	0.8	174.60	2.2	-54.9	55.9	54.3	1.65	33.797		
600.0	600.0	595.9	595.6	1.0	1.0	176.10	3.9	-60.6	64.4	62.4	2.00	32.183 SF		
700.0	699.9	694.0	693.4	1.2	1.3	177.57	6.0	-67.9	76.3	74.0	2.35	32.536		
800.0	799.7	791.4	790.4	1.4	1.5	178.85	8.6	-76.8	91.7	89.0	2.69	34.103		
900.0	899.4	887.9	886.3	1.6	1.7	179.90	11.7	-87.1	110.5	107.4	3.03	36.471		
1,000.0	998.9	983.9	981.5	1.8	2.0	-179.27	15.1	-98.8	132.5	129.2	3.37	39.376		
1,021.4	1,020.2	1,004.7	1,002.1	1.9	2.0	-179.11	15.9	-101.5	137.6	134.1	3.44	40.016		
1,100.0	1,098.3	1,081.1	1,077.8	2.1	2.2	-178.64	18.8	-111.2	156.3	152.6	3.71	42.153		
1,200.0	1,197.7	1,178.2	1,174.0	2.3	2.5	-178.19	22.4	-123.5	180.1	176.0	4.05	44.463		
1,300.0	1,297.1	1,275.3	1,270.3	2.5	2.8	-177.84	26.1	-135.9	203.9	199.5	4.39	46.415		
1,400.0	1,396.6	1,372.4	1,366.5	2.8	3.1	-177.56	29.7	-148.2	227.7	223.0	4.74	48.086		
1,500.0	1,496.0	1,469.5	1,462.8	3.0	3.3	-177.34	33.3	-160.6	251.5	246.5	5.08	49.533		
1,600.0	1,595.4	1,566.6	1,559.1	3.3	3.6	-177.15	37.0	-172.9	275.4	270.0	5.42	50.797		
1,700.0	1,694.8	1,663.8	1,655.3	3.5	3.9	-177.00	40.6	-185.3	299.2	293.4	5.76	51.911		
1,800.0	1,794.2	1,760.9	1,751.6	3.8	4.2	-176.86	44.3	-197.6	323.0	316.9	6.11	52.900		
1,900.0	1,893.6	1,858.0	1,847.8	4.0	4.4	-176.75	47.9	-210.0	346.9	340.4	6.45	53.784		
2,000.0	1,993.0	1,955.1	1,944.1	4.3	4.7	-176.65	51.6	-222.3	370.7	363.9	6.79	54.580		
2,100.0	2,092.4	2,052.2	2,040.4	4.5	5.0	-176.56	55.2	-234.7	394.5	387.4	7.13	55.299		
2,200.0	2,191.9	2,149.3	2,136.6	4.8	5.3	-176.48	58.8	-247.0	418.4	410.9	7.48	55.952		
2,300.0	2,291.3	2,246.5	2,232.9	5.0	5.6	-176.41	62.5	-259.4	442.2	434.4	7.82	56.548		
2,400.0	2,390.7	2,343.6	2,329.1	5.3	5.8	-176.35	66.1	-271.7	466.0	457.9	8.16	57.094		
2,500.0	2,490.1	2,440.7	2,425.4	5.6	6.1	-176.29	69.8	-284.1	489.9	481.4	8.51	57.595		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

### Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:		0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1B-14H-G268 - Hz - Plan #1															
Reference				Offset			Semi Major Axis			Distance			Total Uncertainty Axis	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
0.0	0.0	0.0	0.0	0.0	0.0	-89.99	0.0	-39.1	39.1						
100.0	100.0	100.0	100.0	0.1	0.1	-89.99	0.0	-39.1	39.1	38.9	0.26	149.509			
200.0	200.0	200.0	200.0	0.3	0.3	-89.99	0.0	-39.1	39.1	38.5	0.61	64.075			
300.0	300.0	300.0	300.0	0.5	0.5	-89.99	0.0	-39.1	39.1	38.2	0.96	40.775 CC, ES			
400.0	400.0	399.3	399.3	0.7	0.7	-90.14	-0.1	-40.0	40.0	38.7	1.31	30.571			
500.0	500.0	498.5	498.5	0.8	0.8	171.86	-0.4	-42.6	43.4	41.8	1.66	26.247			
600.0	600.0	597.5	597.4	1.0	1.0	171.73	-0.9	-46.8	50.3	48.3	2.00	25.142 SF			
700.0	699.9	696.0	695.7	1.2	1.2	171.69	-1.6	-52.7	60.7	58.3	2.35	25.837			
800.0	799.7	793.9	793.3	1.4	1.4	171.70	-2.5	-60.3	74.4	71.7	2.69	27.636			
900.0	899.4	891.1	890.0	1.6	1.6	171.74	-3.6	-69.4	91.5	88.4	3.03	30.161			
1,000.0	998.9	987.2	985.6	1.8	1.9	171.79	-4.8	-80.0	111.9	108.5	3.37	33.190			
1,021.4	1,020.2	1,007.7	1,005.9	1.9	1.9	171.80	-5.1	-82.5	116.7	113.3	3.44	33.889			
1,100.0	1,098.3	1,084.1	1,081.7	2.1	2.1	171.86	-6.2	-91.9	134.7	131.0	3.72	36.268			
1,200.0	1,197.7	1,181.4	1,178.3	2.3	2.4	171.91	-7.6	-103.9	157.7	153.6	4.06	38.832			
1,300.0	1,297.1	1,278.7	1,274.8	2.5	2.6	171.94	-9.1	-116.0	180.6	176.2	4.41	40.994			
1,400.0	1,396.6	1,376.1	1,371.4	2.8	2.9	171.97	-10.5	-128.0	203.5	198.8	4.75	42.842			
1,500.0	1,496.0	1,473.4	1,468.0	3.0	3.2	172.00	-11.9	-140.0	226.4	221.3	5.10	44.438			
1,600.0	1,595.4	1,570.7	1,564.6	3.3	3.4	172.01	-13.3	-152.0	249.4	243.9	5.44	45.831			
1,700.0	1,694.8	1,668.1	1,661.2	3.5	3.7	172.03	-14.7	-164.1	272.3	266.5	5.79	47.058			
1,800.0	1,794.2	1,765.4	1,757.7	3.8	4.0	172.04	-16.1	-176.1	295.2	289.1	6.13	48.146			
1,900.0	1,893.6	1,862.8	1,854.3	4.0	4.2	172.05	-17.6	-188.1	318.1	311.6	6.48	49.118			
2,000.0	1,993.0	1,960.1	1,950.9	4.3	4.5	172.06	-19.0	-200.1	341.0	334.2	6.82	49.991			
2,100.0	2,092.4	2,057.4	2,047.5	4.5	4.8	172.07	-20.4	-212.1	364.0	356.8	7.17	50.780			
2,200.0	2,191.9	2,154.8	2,144.1	4.8	5.0	172.08	-21.8	-224.2	386.9	379.4	7.51	51.497			
2,300.0	2,291.3	2,252.1	2,240.6	5.0	5.3	172.09	-23.2	-236.2	409.8	402.0	7.86	52.150			
2,400.0	2,390.7	2,349.4	2,337.2	5.3	5.6	172.09	-24.7	-248.2	432.7	424.5	8.20	52.748			
2,500.0	2,490.1	2,446.8	2,433.8	5.6	5.8	172.10	-26.1	-260.2	455.7	447.1	8.55	53.298			
2,600.0	2,589.5	2,544.1	2,530.4	5.8	6.1	172.10	-27.5	-272.3	478.6	469.7	8.89	53.804			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1C-14H-G268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-Geolink MWD														
Reference		Offset		Semi Major Axis			Distance						Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	-89.99	0.0	-28.0	28.0					
100.0	100.0	100.0	100.0	0.1	0.1	-89.99	0.0	-28.0	28.0	27.7	0.26	106.792		
200.0	200.0	200.0	200.0	0.3	0.3	-89.99	0.0	-28.0	28.0	27.3	0.61	45.768		
300.0	300.0	300.0	300.0	0.5	0.5	-89.99	0.0	-28.0	28.0	27.0	0.96	29.125		
400.0	400.0	400.0	400.0	0.7	0.7	-89.99	0.0	-28.0	28.0	26.6	1.31	21.358 CC, ES		
500.0	500.0	499.5	499.5	0.8	0.8	171.99	-0.2	-28.8	29.7	28.0	1.66	17.896		
600.0	600.0	598.8	598.8	1.0	1.0	171.38	-1.0	-31.3	34.7	32.7	2.00	17.332 SF		
700.0	699.9	698.4	698.3	1.2	1.2	170.88	-2.1	-34.9	42.7	40.3	2.35	18.145		
800.0	799.7	797.9	797.8	1.4	1.4	170.83	-3.1	-38.5	52.4	49.7	2.70	19.400		
900.0	899.4	897.3	897.0	1.6	1.5	171.04	-4.2	-42.1	63.8	60.7	3.05	20.937		
1,000.0	998.9	996.4	996.1	1.8	1.7	171.38	-5.3	-45.7	76.9	73.5	3.39	22.671		
1,021.4	1,020.2	1,017.6	1,017.2	1.9	1.8	171.46	-5.5	-46.5	79.9	76.4	3.47	23.062		
1,100.0	1,098.3	1,095.4	1,095.0	2.1	1.9	171.74	-6.4	-49.3	91.2	87.4	3.74	24.387		
1,200.0	1,197.7	1,194.4	1,193.9	2.3	2.1	172.01	-7.4	-52.9	105.5	101.4	4.09	25.816		
1,300.0	1,297.1	1,293.3	1,292.8	2.5	2.3	172.21	-8.5	-56.6	119.9	115.4	4.44	27.020		
1,400.0	1,396.6	1,392.3	1,391.7	2.8	2.5	172.37	-9.6	-60.2	134.2	129.4	4.79	28.049		
1,500.0	1,496.0	1,491.2	1,490.6	3.0	2.6	172.50	-10.7	-63.8	148.6	143.4	5.13	28.938		
1,600.0	1,595.4	1,590.2	1,589.5	3.3	2.8	172.61	-11.7	-67.4	162.9	157.4	5.48	29.714		
1,700.0	1,694.8	1,689.2	1,688.4	3.5	3.0	172.70	-12.8	-71.0	177.2	171.4	5.83	30.397		
1,800.0	1,794.2	1,788.1	1,787.2	3.8	3.2	172.78	-13.9	-74.6	191.6	185.4	6.18	31.004		
1,900.0	1,893.6	1,887.1	1,886.1	4.0	3.4	172.84	-15.0	-78.2	205.9	199.4	6.53	31.545		
2,000.0	1,993.0	1,986.1	1,985.0	4.3	3.6	172.90	-16.0	-81.8	220.3	213.4	6.88	32.032		
2,100.0	2,092.4	2,085.0	2,083.9	4.5	3.8	172.95	-17.1	-85.4	234.6	227.4	7.23	32.471		
2,200.0	2,191.9	2,184.0	2,182.8	4.8	3.9	173.00	-18.2	-89.0	249.0	241.4	7.57	32.870		
2,300.0	2,291.3	2,283.0	2,281.7	5.0	4.1	173.04	-19.3	-92.6	263.3	255.4	7.92	33.234		
2,400.0	2,390.7	2,381.9	2,380.6	5.3	4.3	173.07	-20.3	-96.2	277.7	269.4	8.27	33.568		
2,500.0	2,490.1	2,480.9	2,479.5	5.6	4.5	173.10	-21.4	-99.9	292.0	283.4	8.62	33.874		
2,600.0	2,589.5	2,579.9	2,578.4	5.8	4.7	173.13	-22.5	-103.5	306.4	297.4	8.97	34.157		
2,700.0	2,688.9	2,678.8	2,677.3	6.1	4.9	173.16	-23.6	-107.1	320.7	311.4	9.32	34.418		
2,800.0	2,788.3	2,777.8	2,776.2	6.3	5.0	173.18	-24.6	-110.7	335.1	325.4	9.67	34.660		
2,900.0	2,887.7	2,876.8	2,875.1	6.6	5.2	173.21	-25.7	-114.3	349.4	339.4	10.02	34.886		
3,000.0	2,987.2	2,975.7	2,974.0	6.8	5.4	173.23	-26.8	-117.9	363.8	353.4	10.36	35.097		
3,100.0	3,086.6	3,074.7	3,072.9	7.1	5.6	173.24	-27.9	-121.5	378.1	367.4	10.71	35.293		
3,200.0	3,186.0	3,173.7	3,171.8	7.3	5.8	173.26	-28.9	-125.1	392.5	381.4	11.06	35.478		
3,300.0	3,285.4	3,272.6	3,270.6	7.6	6.0	173.28	-30.0	-128.7	406.8	395.4	11.41	35.651		
3,400.0	3,384.8	3,371.6	3,369.5	7.9	6.2	173.29	-31.1	-132.3	421.1	409.4	11.76	35.813		
3,500.0	3,484.2	3,470.6	3,468.4	8.1	6.3	173.31	-32.2	-135.9	435.5	423.4	12.11	35.967		
3,600.0	3,583.6	3,569.5	3,567.3	8.4	6.5	173.32	-33.2	-139.6	449.8	437.4	12.46	36.112		
3,700.0	3,683.0	3,668.5	3,666.2	8.6	6.7	173.33	-34.3	-143.2	464.2	451.4	12.81	36.249		
3,800.0	3,782.5	3,767.5	3,765.1	8.9	6.9	173.35	-35.4	-146.8	478.5	465.4	13.15	36.378		
3,900.0	3,881.9	3,866.4	3,864.0	9.1	7.1	173.36	-36.5	-150.4	492.9	479.4	13.50	36.501		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1D-14H-G268 - Hz - Plan #1													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:	0.0 ft	
Reference				Offset			Semi Major Axis			Distance			Total Uncertainty Axis	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
0.0	0.0	0.0	0.0	0.0	0.0	-89.99	0.0	-19.6	19.6						
100.0	100.0	100.0	100.0	0.1	0.1	-89.99	0.0	-19.6	19.6	19.3	0.26	74.755			
200.0	200.0	200.0	200.0	0.3	0.3	-89.99	0.0	-19.6	19.6	19.0	0.61	32.038			
300.0	300.0	300.0	300.0	0.5	0.5	-89.99	0.0	-19.6	19.6	18.6	0.96	20.388			
400.0	400.0	400.0	400.0	0.7	0.7	-89.99	0.0	-19.6	19.6	18.3	1.31	14.951 CC, ES			
500.0	500.0	500.0	500.0	0.8	0.8	172.58	0.0	-19.6	20.4	18.8	1.66	12.326			
600.0	600.0	600.0	600.0	1.0	1.0	173.42	0.0	-19.6	23.0	21.0	2.01	11.480 SF			
700.0	699.9	699.9	699.9	1.2	1.2	174.46	0.0	-19.6	27.4	25.0	2.35	11.626			
800.0	799.7	799.7	799.7	1.4	1.4	175.46	0.0	-19.6	33.5	30.8	2.70	12.383			
900.0	899.4	899.4	899.4	1.6	1.5	176.32	0.0	-19.6	41.3	38.2	3.05	13.545			
1,000.0	998.9	998.9	998.9	1.8	1.7	177.01	0.0	-19.6	50.8	47.5	3.39	14.988			
1,021.4	1,020.2	1,020.2	1,020.2	1.9	1.7	177.14	0.0	-19.6	53.1	49.7	3.47	15.325			
1,100.0	1,098.3	1,098.3	1,098.3	2.1	1.9	177.53	0.0	-19.6	61.6	57.9	3.74	16.477			
1,200.0	1,197.7	1,197.7	1,197.7	2.3	2.0	177.90	0.0	-19.6	72.4	68.3	4.09	17.721			
1,300.0	1,297.1	1,297.1	1,297.1	2.5	2.2	178.17	0.0	-19.6	83.3	78.8	4.44	18.771			
1,400.0	1,396.6	1,396.6	1,396.6	2.8	2.4	178.38	0.0	-19.6	94.1	89.3	4.78	19.668			
1,500.0	1,496.0	1,496.0	1,496.0	3.0	2.6	178.55	0.0	-19.6	104.9	99.8	5.13	20.444			
1,600.0	1,595.4	1,595.4	1,595.4	3.3	2.7	178.69	0.0	-19.6	115.7	110.2	5.48	21.121			
1,700.0	1,694.8	1,694.8	1,694.8	3.5	2.9	178.80	0.0	-19.6	126.5	120.7	5.83	21.718			
1,800.0	1,794.2	1,794.2	1,794.2	3.8	3.1	178.89	0.0	-19.6	137.4	131.2	6.17	22.248			
1,900.0	1,893.6	1,893.6	1,893.6	4.0	3.3	178.97	0.0	-19.6	148.2	141.7	6.52	22.721			
2,000.0	1,993.0	1,993.0	1,993.0	4.3	3.4	179.04	0.0	-19.6	159.0	152.1	6.87	23.147			
2,100.0	2,092.4	2,092.4	2,092.4	4.5	3.6	179.10	0.0	-19.6	169.8	162.6	7.22	23.531			
2,200.0	2,191.9	2,191.9	2,191.9	4.8	3.8	179.16	0.0	-19.6	180.6	173.1	7.56	23.881			
2,300.0	2,291.3	2,291.3	2,291.3	5.0	4.0	179.21	0.0	-19.6	191.5	183.6	7.91	24.199			
2,400.0	2,390.7	2,390.7	2,390.7	5.3	4.1	179.25	0.0	-19.6	202.3	194.0	8.26	24.491			
2,500.0	2,490.1	2,490.1	2,490.1	5.6	4.3	179.29	0.0	-19.6	213.1	204.5	8.61	24.759			
2,600.0	2,589.5	2,589.5	2,589.5	5.8	4.5	179.32	0.0	-19.6	223.9	215.0	8.96	25.007			
2,700.0	2,688.9	2,688.9	2,688.9	6.1	4.6	179.35	0.0	-19.6	234.8	225.5	9.30	25.236			
2,800.0	2,788.3	2,788.3	2,788.3	6.3	4.8	179.38	0.0	-19.6	245.6	235.9	9.65	25.448			
2,900.0	2,887.7	2,887.7	2,887.7	6.6	5.0	179.41	0.0	-19.6	256.4	246.4	10.00	25.646			
3,000.0	2,987.2	2,987.2	2,987.2	6.8	5.2	179.43	0.0	-19.6	267.2	256.9	10.35	25.830			
3,100.0	3,086.6	3,084.0	3,084.0	7.1	5.3	179.35	-0.4	-20.0	278.5	267.8	10.69	26.051			
3,200.0	3,186.0	3,180.2	3,180.2	7.3	5.5	179.03	-2.0	-21.6	290.7	279.7	11.03	26.353			
3,300.0	3,285.4	3,278.6	3,278.5	7.6	5.7	178.56	-4.4	-24.1	303.7	292.4	11.38	26.695			
3,400.0	3,384.8	3,377.7	3,377.6	7.9	5.9	178.12	-6.8	-26.6	316.8	305.1	11.73	27.016			
3,500.0	3,484.2	3,476.8	3,476.6	8.1	6.0	177.71	-9.2	-29.1	329.9	317.8	12.08	27.318			
3,600.0	3,583.6	3,575.9	3,575.7	8.4	6.2	177.33	-11.7	-31.7	343.0	330.6	12.43	27.604			
3,700.0	3,683.0	3,675.1	3,674.7	8.6	6.4	176.98	-14.1	-34.2	356.2	343.4	12.78	27.874			
3,800.0	3,782.5	3,774.2	3,773.8	8.9	6.6	176.65	-16.6	-36.7	369.3	356.2	13.13	28.130			
3,900.0	3,881.9	3,873.3	3,872.8	9.1	6.7	176.35	-19.0	-39.3	382.4	369.0	13.48	28.373			
4,000.0	3,981.3	3,972.4	3,971.9	9.4	6.9	176.07	-21.4	-41.8	395.6	381.8	13.83	28.603			
4,100.0	4,080.7	4,071.5	4,070.9	9.7	7.1	175.80	-23.9	-44.3	408.8	394.6	14.18	28.823			
4,200.0	4,180.1	4,170.6	4,170.0	9.9	7.3	175.56	-26.3	-46.8	421.9	407.4	14.53	29.031			
4,300.0	4,279.5	4,269.7	4,269.0	10.2	7.4	175.32	-28.8	-49.4	435.1	420.2	14.89	29.230			
4,400.0	4,378.9	4,368.8	4,368.1	10.4	7.6	175.10	-31.2	-51.9	448.3	433.1	15.24	29.420			
4,500.0	4,478.3	4,468.0	4,467.1	10.7	7.8	174.90	-33.7	-54.4	461.5	445.9	15.59	29.601			
4,600.0	4,577.8	4,567.1	4,566.2	10.9	8.0	174.70	-36.1	-56.9	474.7	458.8	15.94	29.774			
4,700.0	4,677.2	4,666.2	4,665.2	11.2	8.2	174.52	-38.5	-59.5	487.9	471.6	16.30	29.940			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1E-14H-G268 - Hz - Plan #1													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:	0.0 ft	
Reference				Offset			Semi Major Axis			Distance			Total Uncertainty Axis	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
0.0	0.0	0.0	0.0	0.0	0.0	-90.00	0.0	-8.4	8.4						
100.0	100.0	100.0	100.0	0.1	0.1	-90.00	0.0	-8.4	8.4	8.1	0.26	32.038			
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-8.4	8.4	7.8	0.61	13.730			
300.0	300.0	300.0	300.0	0.5	0.5	-90.00	0.0	-8.4	8.4	7.4	0.96	8.738			
400.0	400.0	400.0	400.0	0.7	0.7	-90.00	0.0	-8.4	8.4	7.1	1.31	6.408 CC, ES			
500.0	500.0	500.0	500.0	0.8	0.8	172.97	0.0	-8.4	9.3	7.6	1.66	5.581			
600.0	600.0	600.2	600.1	1.0	1.0	173.54	-0.2	-7.5	11.0	9.0	2.01	5.483			
700.0	699.9	700.3	700.3	1.2	1.2	173.01	-0.9	-5.0	12.8	10.4	2.36	5.429			
800.0	799.7	800.6	800.4	1.4	1.4	171.80	-2.0	-0.8	14.6	11.9	2.70	5.402			
900.0	899.4	900.6	900.3	1.6	1.6	170.71	-3.4	4.6	17.0	14.0	3.05	5.580			
1,000.0	998.9	1,000.5	1,000.0	1.8	1.7	170.69	-4.8	10.0	21.2	17.8	3.40	6.220			
1,021.4	1,020.2	1,021.8	1,021.4	1.9	1.8	170.78	-5.1	11.1	22.3	18.8	3.48	6.404			
1,100.0	1,098.3	1,100.3	1,099.7	2.1	1.9	171.10	-6.2	15.3	26.5	22.7	3.75	7.054			
1,200.0	1,197.7	1,200.2	1,199.4	2.3	2.1	171.39	-7.6	20.7	31.8	27.7	4.11	7.754			
1,300.0	1,297.1	1,300.1	1,299.1	2.5	2.3	171.59	-9.0	26.1	37.2	32.7	4.46	8.344			
1,400.0	1,396.6	1,399.9	1,398.8	2.8	2.5	171.74	-10.4	31.5	42.6	37.7	4.81	8.847			
1,500.0	1,496.0	1,499.8	1,498.5	3.0	2.7	171.86	-11.9	36.8	47.9	42.8	5.16	9.282			
1,600.0	1,595.4	1,599.6	1,598.2	3.3	2.9	171.96	-13.3	42.2	53.3	47.8	5.51	9.661			
1,700.0	1,694.8	1,699.5	1,697.9	3.5	3.1	172.04	-14.7	47.6	58.6	52.8	5.87	9.995			
1,800.0	1,794.2	1,799.3	1,797.7	3.8	3.3	172.10	-16.1	53.0	64.0	57.8	6.22	10.291			
1,900.0	1,893.6	1,899.2	1,897.4	4.0	3.5	172.15	-17.5	58.3	69.3	62.8	6.57	10.555			
2,000.0	1,993.0	1,999.0	1,997.1	4.3	3.7	172.20	-18.9	63.7	74.7	67.8	6.92	10.792			
2,100.0	2,092.4	2,098.9	2,096.8	4.5	3.9	172.24	-20.3	69.1	80.1	72.8	7.27	11.007			
2,200.0	2,191.9	2,198.8	2,196.5	4.8	4.1	172.28	-21.7	74.5	85.4	77.8	7.63	11.201			
2,300.0	2,291.3	2,298.6	2,296.2	5.0	4.3	172.31	-23.1	79.8	90.8	82.8	7.98	11.379			
2,400.0	2,390.7	2,398.5	2,395.9	5.3	4.5	172.34	-24.5	85.2	96.1	87.8	8.33	11.541			
2,500.0	2,490.1	2,498.3	2,495.6	5.6	4.7	172.36	-25.9	90.6	101.5	92.8	8.68	11.690			
2,600.0	2,589.5	2,598.2	2,595.3	5.8	4.9	172.38	-27.4	96.0	106.9	97.8	9.03	11.828			
2,700.0	2,688.9	2,698.0	2,695.0	6.1	5.1	172.40	-28.8	101.3	112.2	102.8	9.39	11.955			
2,800.0	2,788.3	2,797.9	2,794.7	6.3	5.3	172.42	-30.2	106.7	117.6	107.8	9.74	12.073			
2,900.0	2,887.7	2,897.8	2,894.4	6.6	5.5	172.44	-31.6	112.1	122.9	112.8	10.09	12.183			
3,000.0	2,987.2	2,997.6	2,994.1	6.8	5.7	172.45	-33.0	117.5	128.3	117.8	10.44	12.285			
3,100.0	3,086.6	3,097.5	3,093.8	7.1	5.9	172.47	-34.4	122.8	133.6	122.8	10.79	12.381			
3,200.0	3,186.0	3,197.3	3,193.5	7.3	6.1	172.48	-35.8	128.2	139.0	127.9	11.15	12.470			
3,300.0	3,285.4	3,297.2	3,293.2	7.6	6.3	172.49	-37.2	133.6	144.4	132.9	11.50	12.554			
3,400.0	3,384.8	3,397.0	3,392.9	7.9	6.5	172.50	-38.6	139.0	149.7	137.9	11.85	12.633			
3,500.0	3,484.2	3,496.9	3,492.6	8.1	6.7	172.51	-40.0	144.3	155.1	142.9	12.20	12.708			
3,600.0	3,583.6	3,596.7	3,592.3	8.4	6.9	172.52	-41.4	149.7	160.4	147.9	12.56	12.778			
3,700.0	3,683.0	3,696.6	3,692.0	8.6	7.1	172.53	-42.8	155.1	165.8	152.9	12.91	12.845			
3,800.0	3,782.5	3,796.5	3,791.7	8.9	7.3	172.54	-44.3	160.5	171.2	157.9	13.26	12.908			
3,900.0	3,881.9	3,896.3	3,891.4	9.1	7.5	172.55	-45.7	165.8	176.5	162.9	13.61	12.968			
4,000.0	3,981.3	3,996.2	3,991.1	9.4	7.7	172.56	-47.1	171.2	181.9	167.9	13.96	13.024			
4,100.0	4,080.7	4,096.0	4,090.8	9.7	7.9	172.56	-48.5	176.6	187.2	172.9	14.32	13.078			
4,200.0	4,180.1	4,195.9	4,190.5	9.9	8.1	172.57	-49.9	182.0	192.6	177.9	14.67	13.130			
4,300.0	4,279.5	4,295.7	4,290.2	10.2	8.3	172.58	-51.3	187.3	197.9	182.9	15.02	13.178			
4,400.0	4,378.9	4,395.6	4,389.9	10.4	8.5	172.58	-52.7	192.7	203.3	187.9	15.37	13.225			
4,500.0	4,478.3	4,495.5	4,489.6	10.7	8.7	172.59	-54.1	198.1	208.7	192.9	15.72	13.270			
4,600.0	4,577.8	4,595.3	4,589.3	10.9	8.9	172.59	-55.5	203.4	214.0	197.9	16.08	13.312			
4,700.0	4,677.2	4,695.2	4,689.0	11.2	9.1	172.60	-56.9	208.8	219.4	202.9	16.43	13.353			
4,800.0	4,776.6	4,795.0	4,788.7	11.5	9.3	172.60	-58.3	214.2	224.7	208.0	16.78	13.392			
4,900.0	4,876.0	4,894.9	4,888.4	11.7	9.5	172.61	-59.8	219.6	230.1	213.0	17.13	13.430			
5,000.0	4,975.4	4,994.7	4,988.1	12.0	9.7	172.61	-61.2	224.9	235.5	218.0	17.49	13.466			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:		0.0 ft
Reference															
Offset				Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning		
5,100.0	5,074.8	5,094.6	5,087.8	12.2	9.9	172.62	-62.6	230.3	240.8	223.0	17.84	13.500			
5,200.0	5,174.2	5,194.4	5,187.5	12.5	10.1	172.62	-64.0	235.7	246.2	228.0	18.19	13.534			
5,300.0	5,273.6	5,294.3	5,287.2	12.7	10.3	172.63	-65.4	241.1	251.5	233.0	18.54	13.566			
5,400.0	5,373.1	5,394.2	5,386.9	13.0	10.5	172.63	-66.8	246.4	256.9	238.0	18.89	13.596			
5,500.0	5,472.5	5,494.0	5,486.6	13.3	10.7	172.63	-68.2	251.8	262.2	243.0	19.25	13.626			
5,600.0	5,571.9	5,593.9	5,586.3	13.5	10.9	172.64	-69.6	257.2	267.6	248.0	19.60	13.654			
5,700.0	5,671.3	5,693.7	5,686.0	13.8	11.1	172.64	-71.0	262.6	273.0	253.0	19.95	13.682			
5,800.0	5,770.7	5,793.6	5,785.7	14.0	11.3	172.64	-72.4	267.9	278.3	258.0	20.30	13.709			
5,900.0	5,870.1	5,893.4	5,885.4	14.3	11.5	172.65	-73.8	273.3	283.7	263.0	20.65	13.734			
6,000.0	5,969.5	5,993.3	5,985.1	14.5	11.7	172.65	-75.3	278.7	289.0	268.0	21.01	13.759			
6,100.0	6,068.9	6,093.2	6,084.8	14.8	11.9	172.65	-76.7	284.1	294.4	273.0	21.36	13.783			
6,200.0	6,168.4	6,193.0	6,184.5	15.1	12.1	172.66	-78.1	289.4	299.8	278.0	21.71	13.806			
6,300.0	6,267.8	6,292.9	6,284.2	15.3	12.3	172.66	-79.5	294.8	305.1	283.0	22.06	13.829			
6,400.0	6,367.2	6,392.7	6,383.9	15.6	12.5	172.66	-80.9	300.2	310.5	288.1	22.42	13.851			
6,500.0	6,466.6	6,492.6	6,483.6	15.8	12.7	172.66	-82.3	305.6	315.8	293.1	22.77	13.872			
6,600.0	6,566.0	6,592.4	6,583.3	16.1	12.9	172.67	-83.7	310.9	321.2	298.1	23.12	13.892			
6,636.3	6,602.1	6,628.7	6,619.5	16.2	12.9	172.67	-84.2	312.9	323.1	299.9	23.25	13.900			
6,650.0	6,615.7	6,642.4	6,633.2	16.2	13.0	-174.63	-84.4	313.6	323.9	300.6	23.29	13.904			
6,700.0	6,665.3	6,692.2	6,682.9	16.3	13.1	-138.12	-85.1	316.3	326.5	303.1	23.47	13.913			
6,750.0	6,714.5	6,741.5	6,732.1	16.5	13.2	-121.52	-85.8	319.0	329.3	305.6	23.66	13.919			
6,800.0	6,763.0	6,789.9	6,780.5	16.6	13.2	-114.60	-86.5	321.6	332.5	308.6	23.86	13.934			
6,850.0	6,810.2	6,837.7	6,828.2	16.7	13.3	-111.97	-87.1	324.1	336.4	312.3	24.06	13.983			
6,900.0	6,855.9	6,888.5	6,878.9	16.8	13.4	-111.39	-87.8	326.9	341.2	317.0	24.23	14.083			
6,950.0	6,899.8	6,941.2	6,931.0	16.9	13.5	-111.73	-77.7	329.7	346.7	322.4	24.35	14.242			
7,000.0	6,941.5	6,995.8	6,984.0	17.0	13.6	-112.58	-65.3	332.5	352.8	328.4	24.41	14.458			
7,050.0	6,980.6	7,052.5	7,037.7	17.2	13.7	-113.70	-47.2	335.4	359.4	335.0	24.41	14.724			
7,100.0	7,016.9	7,111.5	7,091.3	17.3	13.8	-114.96	-22.8	338.3	366.3	341.9	24.37	15.031			
7,150.0	7,050.2	7,173.0	7,144.2	17.5	13.9	-116.28	8.4	341.2	373.3	348.9	24.34	15.339			
7,200.0	7,080.0	7,237.0	7,195.3	17.7	14.1	-117.58	46.7	343.9	380.2	355.8	24.31	15.636			
7,250.0	7,106.3	7,303.5	7,243.7	18.0	14.3	-118.81	92.3	346.5	386.7	362.3	24.37	15.871			
7,300.0	7,128.9	7,372.6	7,287.9	18.2	14.6	-119.92	145.2	348.9	392.7	368.2	24.56	15.991			
7,350.0	7,147.5	7,444.1	7,326.7	18.6	14.9	-120.88	205.2	351.0	398.0	373.0	24.93	15.961			
7,400.0	7,162.0	7,517.6	7,358.4	18.9	15.4	-121.66	271.4	352.7	402.3	376.7	25.56	15.740			
7,450.0	7,172.3	7,592.8	7,381.9	19.3	16.0	-122.23	342.9	354.0	405.4	379.0	26.45	15.330			
7,500.0	7,178.3	7,669.3	7,396.0	19.7	16.7	-122.56	417.9	354.7	407.3	379.7	27.62	14.746			
7,544.6	7,180.0	7,737.7	7,400.0	20.1	17.4	-122.64	486.2	355.0	407.9	379.0	28.89	14.118			
7,600.0	7,180.0	7,793.1	7,400.0	20.6	17.9	-122.64	541.6	355.0	407.9	378.0	29.94	13.622			
7,700.0	7,180.0	7,893.1	7,400.0	21.6	19.1	-122.63	641.6	355.0	408.0	376.0	31.97	12.760			
7,800.0	7,180.0	7,993.1	7,400.0	22.7	20.3	-122.63	741.6	355.0	408.0	373.9	34.14	11.952			
7,900.0	7,180.0	8,093.1	7,400.0	23.8	21.6	-122.62	841.6	355.0	408.1	371.7	36.42	11.207			
8,000.0	7,180.0	8,193.1	7,400.0	25.1	23.0	-122.61	941.6	355.0	408.2	369.4	38.79	10.523			
8,100.0	7,180.0	8,293.1	7,400.0	26.4	24.4	-122.61	1,041.6	355.0	408.3	367.0	41.24	9.900			
8,200.0	7,180.0	8,393.1	7,400.0	27.7	25.8	-122.60	1,141.6	355.0	408.3	364.6	43.75	9.333			
8,300.0	7,180.0	8,493.1	7,400.0	29.1	27.3	-122.59	1,241.6	355.0	408.4	362.1	46.32	8.818			
8,400.0	7,180.0	8,593.1	7,400.0	30.5	28.8	-122.59	1,341.6	355.0	408.5	359.6	48.93	8.349			
8,500.0	7,180.0	8,693.1	7,400.0	32.0	30.4	-122.58	1,441.6	355.0	408.6	357.0	51.58	7.921			
8,600.0	7,180.0	8,793.1	7,400.0	33.5	32.0	-122.57	1,541.6	355.0	408.6	354.4	54.26	7.530			
8,700.0	7,180.0	8,893.1	7,400.0	35.0	33.5	-122.57	1,641.6	355.0	408.7	351.7	56.98	7.173			
8,800.0	7,180.0	8,993.1	7,400.0	36.5	35.1	-122.56	1,741.6	355.0	408.8	349.1	59.71	6.846			
8,900.0	7,180.0	9,093.1	7,400.0	38.1	36.8	-122.55	1,841.6	355.0	408.8	346.4	62.47	6.545			
9,000.0	7,180.0	9,193.1	7,400.0	39.7	38.4	-122.55	1,941.6	355.0	408.9	343.7	65.25	6.267			
9,100.0	7,180.0	9,293.1	7,400.0	41.2	40.0	-122.54	2,041.6	355.0	409.0	341.0	68.04	6.011			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1E-14H-G268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-Geolink MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
9,200.0	7,180.0	9,393.1	7,400.0	42.8	41.7	-122.53	2,141.6	355.0	409.1	338.2	70.85	5.774		
9,300.0	7,180.0	9,493.1	7,400.0	44.5	43.3	-122.53	2,241.6	355.0	409.1	335.5	73.67	5.554		
9,400.0	7,180.0	9,593.1	7,400.0	46.1	45.0	-122.52	2,341.6	355.0	409.2	332.7	76.50	5.349		
9,500.0	7,180.0	9,693.1	7,400.0	47.7	46.7	-122.51	2,441.6	355.0	409.3	329.9	79.35	5.158		
9,600.0	7,180.0	9,793.1	7,400.0	49.3	48.3	-122.51	2,541.6	355.0	409.4	327.2	82.20	4.980		
9,700.0	7,180.0	9,893.1	7,400.0	51.0	50.0	-122.50	2,641.6	355.0	409.4	324.4	85.06	4.813		
9,800.0	7,180.0	9,993.1	7,400.0	52.7	51.7	-122.49	2,741.6	355.0	409.5	321.6	87.93	4.657		
9,900.0	7,180.0	10,093.1	7,400.0	54.3	53.4	-122.49	2,841.6	355.0	409.6	318.8	90.81	4.510		
10,000.0	7,180.0	10,193.1	7,400.0	56.0	55.1	-122.48	2,941.6	355.0	409.7	316.0	93.69	4.372		
10,100.0	7,180.0	10,293.1	7,400.0	57.6	56.8	-122.48	3,041.6	355.0	409.7	313.2	96.58	4.242		
10,200.0	7,180.0	10,393.1	7,400.0	59.3	58.5	-122.47	3,141.6	355.0	409.8	310.3	99.47	4.120		
10,300.0	7,180.0	10,493.1	7,400.0	61.0	60.2	-122.46	3,241.6	355.0	409.9	307.5	102.37	4.004		
10,400.0	7,180.0	10,593.1	7,400.0	62.7	61.9	-122.46	3,341.6	355.0	410.0	304.7	105.27	3.894		
10,500.0	7,180.0	10,693.1	7,400.0	64.4	63.6	-122.45	3,441.6	355.0	410.0	301.8	108.18	3.790		
10,600.0	7,180.0	10,793.1	7,400.0	66.1	65.3	-122.44	3,541.6	355.0	410.1	299.0	111.09	3.691		
10,700.0	7,180.0	10,893.1	7,400.0	67.8	67.0	-122.44	3,641.6	355.0	410.2	296.2	114.01	3.598		
10,800.0	7,180.0	10,993.1	7,400.0	69.5	68.7	-122.43	3,741.6	355.0	410.2	293.3	116.93	3.509		
10,900.0	7,180.0	11,093.1	7,400.0	71.2	70.5	-122.42	3,841.6	355.0	410.3	290.5	119.85	3.424		
11,000.0	7,180.0	11,193.1	7,400.0	72.9	72.2	-122.42	3,941.6	355.0	410.4	287.6	122.77	3.343		
11,100.0	7,180.0	11,293.1	7,400.0	74.6	73.9	-122.41	4,041.6	355.0	410.5	284.8	125.70	3.265		
11,200.0	7,180.0	11,393.1	7,400.0	76.3	75.6	-122.40	4,141.6	355.0	410.5	281.9	128.63	3.192		
11,300.0	7,180.0	11,493.1	7,400.0	78.0	77.4	-122.40	4,241.6	355.0	410.6	279.1	131.57	3.121		
11,400.0	7,180.0	11,593.1	7,400.0	79.7	79.1	-122.39	4,341.6	355.0	410.7	276.2	134.50	3.053		
11,500.0	7,180.0	11,693.1	7,400.0	81.4	80.8	-122.38	4,441.6	355.0	410.8	273.3	137.44	2.989		
11,600.0	7,180.0	11,793.1	7,400.0	83.1	82.5	-122.38	4,541.6	355.0	410.8	270.5	140.38	2.927		
11,700.0	7,180.0	11,893.1	7,400.0	84.8	84.3	-122.37	4,641.6	355.0	410.9	267.6	143.32	2.867		
11,800.0	7,180.0	11,993.1	7,400.0	86.6	86.0	-122.36	4,741.6	355.0	411.0	264.7	146.26	2.810		
11,900.0	7,180.0	12,093.1	7,400.0	88.3	87.7	-122.36	4,841.6	355.0	411.1	261.8	149.21	2.755		
12,000.0	7,180.0	12,193.1	7,400.0	90.0	89.5	-122.35	4,941.6	355.0	411.1	259.0	152.16	2.702		
12,100.0	7,180.0	12,293.1	7,400.0	91.7	91.2	-122.34	5,041.6	355.0	411.2	256.1	155.11	2.651		
12,200.0	7,180.0	12,393.1	7,400.0	93.4	92.9	-122.34	5,141.6	355.0	411.3	253.2	158.06	2.602		
12,300.0	7,180.0	12,493.1	7,400.0	95.2	94.7	-122.33	5,241.6	355.0	411.4	250.3	161.01	2.555		
12,400.0	7,180.0	12,593.1	7,400.0	96.9	96.4	-122.33	5,341.6	355.0	411.4	247.5	163.96	2.509		
12,500.0	7,180.0	12,693.1	7,400.0	98.6	98.1	-122.32	5,441.6	355.0	411.5	244.6	166.92	2.465		
12,600.0	7,180.0	12,793.1	7,400.0	100.3	99.9	-122.31	5,541.6	355.0	411.6	241.7	169.87	2.423		
12,700.0	7,180.0	12,893.1	7,400.0	102.1	101.6	-122.31	5,641.6	355.0	411.6	238.8	172.83	2.382		
12,800.0	7,180.0	12,993.1	7,400.0	103.8	103.3	-122.30	5,741.6	355.0	411.7	235.9	175.79	2.342		
12,900.0	7,180.0	13,093.1	7,400.0	105.5	105.1	-122.29	5,841.6	355.0	411.8	233.0	178.75	2.304		
13,000.0	7,180.0	13,193.1	7,400.0	107.3	106.8	-122.29	5,941.6	355.0	411.9	230.2	181.71	2.267		
13,100.0	7,180.0	13,293.1	7,400.0	109.0	108.6	-122.28	6,041.6	355.0	411.9	227.3	184.68	2.231		
13,200.0	7,180.0	13,393.1	7,400.0	110.7	110.3	-122.27	6,141.6	355.0	412.0	224.4	187.64	2.196		
13,300.0	7,180.0	13,493.1	7,400.0	112.5	112.0	-122.27	6,241.6	355.0	412.1	221.5	190.60	2.162		
13,400.0	7,180.0	13,593.1	7,400.0	114.2	113.8	-122.26	6,341.6	355.0	412.2	218.6	193.57	2.129		
13,500.0	7,180.0	13,693.1	7,400.0	115.9	115.5	-122.25	6,441.6	355.0	412.2	215.7	196.54	2.097		
13,600.0	7,180.0	13,793.1	7,400.0	117.7	117.3	-122.25	6,541.6	355.0	412.3	212.8	199.51	2.067		
13,700.0	7,180.0	13,893.1	7,400.0	119.4	119.0	-122.24	6,641.6	355.0	412.4	209.9	202.48	2.037		
13,800.0	7,180.0	13,993.1	7,400.0	121.1	120.7	-122.23	6,741.6	355.0	412.5	207.0	205.45	2.008		
13,900.0	7,180.0	14,093.1	7,400.0	122.9	122.5	-122.23	6,841.6	355.0	412.5	204.1	208.42	1.979		
14,000.0	7,180.0	14,193.1	7,400.0	124.6	124.2	-122.22	6,941.6	355.0	412.6	201.2	211.39	1.952		
14,100.0	7,180.0	14,293.1	7,400.0	126.3	126.0	-122.22	7,041.6	355.0	412.7	198.3	214.36	1.925		
14,200.0	7,180.0	14,393.1	7,400.0	128.1	127.7	-122.21	7,141.6	355.0	412.8	195.4	217.33	1.899		
14,300.0	7,180.0	14,493.1	7,400.0	129.8	129.5	-122.20	7,241.6	355.0	412.8	192.5	220.31	1.874		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1E-14H-G268 - Hz - Plan #1													<b>Offset Site Error:</b> 0.0 ft
Survey Program: 0-Geolink MWD													<b>Offset Well Error:</b> 0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	
14,358.6	7,180.0	14,551.7	7,400.0	130.8	130.5	-122.20	7,300.2	355.0	412.9	190.8	222.05	1.859 SF	

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1G-14H-G268 - Hz - Plan #1													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:	0.0 ft	
Reference				Offset			Semi Major Axis			Distance			Total Uncertainty Axis	Separation Factor	Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
0.0	0.0	0.0	0.0	0.0	0.0	89.98	0.0	11.2	11.2						
100.0	100.0	100.0	100.0	0.1	0.1	89.98	0.0	11.2	11.2	10.9	0.26	42.717			
200.0	200.0	200.0	200.0	0.3	0.3	89.98	0.0	11.2	11.2	10.6	0.61	18.307			
300.0	300.0	300.0	300.0	0.5	0.5	89.98	0.0	11.2	11.2	10.2	0.96	11.650 CC, ES			
400.0	400.0	399.8	399.8	0.7	0.7	90.35	-0.1	12.0	12.1	10.7	1.31	9.204			
500.0	500.0	499.6	499.5	0.8	0.8	-6.96	-0.3	14.6	13.8	12.1	1.66	8.320			
600.0	600.0	599.3	599.2	1.0	1.0	-6.89	-0.7	19.0	15.5	13.5	2.01	7.744			
700.0	699.9	699.0	698.7	1.2	1.2	-7.10	-1.3	25.0	17.3	14.9	2.35	7.339			
800.0	799.7	798.7	798.0	1.4	1.4	-7.50	-2.0	32.8	19.0	16.3	2.70	7.040			
900.0	899.4	898.3	897.2	1.6	1.7	-8.05	-2.8	42.3	20.8	17.7	3.05	6.809			
1,000.0	998.9	997.9	996.2	1.8	1.9	-8.71	-3.8	53.5	22.5	19.1	3.40	6.626			
1,021.4	1,020.2	1,019.2	1,017.3	1.9	2.0	-8.87	-4.1	56.1	22.9	19.4	3.48	6.591			
1,100.0	1,098.3	1,097.5	1,094.9	2.1	2.2	-9.26	-5.0	66.4	24.8	21.1	3.75	6.614			
1,200.0	1,197.7	1,196.9	1,193.3	2.3	2.5	-9.29	-6.3	81.0	28.8	24.7	4.11	7.015			
1,300.0	1,297.1	1,296.8	1,292.0	2.5	2.8	-9.16	-7.8	96.4	33.6	29.1	4.46	7.535			
1,400.0	1,396.6	1,396.7	1,390.6	2.8	3.1	-9.05	-9.2	111.9	38.4	33.6	4.81	7.978			
1,500.0	1,496.0	1,496.6	1,489.3	3.0	3.4	-8.97	-10.6	127.4	43.2	38.0	5.17	8.361			
1,600.0	1,595.4	1,596.5	1,588.0	3.3	3.7	-8.91	-12.0	142.8	48.0	42.5	5.52	8.694			
1,700.0	1,694.8	1,696.4	1,686.6	3.5	4.0	-8.86	-13.4	158.3	52.8	46.9	5.87	8.987			
1,800.0	1,794.2	1,796.3	1,785.3	3.8	4.3	-8.81	-14.8	173.7	57.6	51.4	6.23	9.247			
1,900.0	1,893.6	1,896.1	1,884.0	4.0	4.6	-8.77	-16.2	189.2	62.4	55.8	6.58	9.479			
2,000.0	1,993.0	1,996.0	1,982.6	4.3	4.9	-8.74	-17.6	204.7	67.2	60.2	6.93	9.688			
2,100.0	2,092.4	2,095.9	2,081.3	4.5	5.3	-8.72	-19.0	220.1	72.0	64.7	7.29	9.876			
2,200.0	2,191.9	2,195.8	2,180.0	4.8	5.6	-8.69	-20.4	235.6	76.8	69.1	7.64	10.047			
2,300.0	2,291.3	2,295.7	2,278.7	5.0	5.9	-8.67	-21.8	251.1	81.6	73.6	8.00	10.202			
2,400.0	2,390.7	2,395.6	2,377.3	5.3	6.2	-8.65	-23.2	266.5	86.4	78.0	8.35	10.344			
2,500.0	2,490.1	2,495.4	2,476.0	5.6	6.5	-8.63	-24.6	282.0	91.2	82.5	8.70	10.475			
2,600.0	2,589.5	2,595.3	2,574.7	5.8	6.9	-8.62	-26.0	297.5	96.0	86.9	9.06	10.596			
2,700.0	2,688.9	2,695.2	2,673.3	6.1	7.2	-8.61	-27.5	312.9	100.8	91.4	9.41	10.707			
2,800.0	2,788.3	2,795.1	2,772.0	6.3	7.5	-8.59	-28.9	328.4	105.6	95.8	9.76	10.811			
2,900.0	2,887.7	2,895.0	2,870.7	6.6	7.8	-8.58	-30.3	343.9	110.4	100.2	10.12	10.907			
3,000.0	2,987.2	2,994.9	2,969.4	6.8	8.2	-8.57	-31.7	359.3	115.2	104.7	10.47	10.997			
3,100.0	3,086.6	3,094.8	3,068.0	7.1	8.5	-8.56	-33.1	374.8	120.0	109.1	10.83	11.080			
3,200.0	3,186.0	3,194.6	3,166.7	7.3	8.8	-8.55	-34.5	390.2	124.8	113.6	11.18	11.159			
3,300.0	3,285.4	3,294.5	3,265.4	7.6	9.1	-8.54	-35.9	405.7	129.6	118.0	11.53	11.233			
3,400.0	3,384.8	3,394.4	3,364.0	7.9	9.5	-8.54	-37.3	421.2	134.3	122.5	11.89	11.302			
3,500.0	3,484.2	3,494.3	3,462.7	8.1	9.8	-8.53	-38.7	436.6	139.1	126.9	12.24	11.367			
3,600.0	3,583.6	3,594.2	3,561.4	8.4	10.1	-8.52	-40.1	452.1	143.9	131.3	12.59	11.429			
3,700.0	3,683.0	3,694.1	3,660.0	8.6	10.4	-8.52	-41.5	467.6	148.7	135.8	12.95	11.487			
3,800.0	3,782.5	3,794.0	3,758.7	8.9	10.7	-8.51	-42.9	483.0	153.5	140.2	13.30	11.542			
3,900.0	3,881.9	3,893.8	3,857.4	9.1	11.1	-8.50	-44.3	498.5	158.3	144.7	13.66	11.594			
4,000.0	3,981.3	3,993.7	3,956.1	9.4	11.4	-8.50	-45.7	514.0	163.1	149.1	14.01	11.644			
4,100.0	4,080.7	4,093.6	4,054.7	9.7	11.7	-8.49	-47.1	529.4	167.9	153.6	14.36	11.691			
4,200.0	4,180.1	4,193.5	4,153.4	9.9	12.0	-8.49	-48.6	544.9	172.7	158.0	14.72	11.736			
4,300.0	4,279.5	4,293.4	4,252.1	10.2	12.4	-8.49	-50.0	560.4	177.5	162.5	15.07	11.779			
4,400.0	4,378.9	4,393.3	4,350.7	10.4	12.7	-8.48	-51.4	575.8	182.3	166.9	15.43	11.820			
4,500.0	4,478.3	4,493.1	4,449.4	10.7	13.0	-8.48	-52.8	591.3	187.1	171.3	15.78	11.859			
4,600.0	4,577.8	4,593.0	4,548.1	10.9	13.3	-8.47	-54.2	606.7	191.9	175.8	16.13	11.896			
4,700.0	4,677.2	4,692.9	4,646.8	11.2	13.7	-8.47	-55.6	622.2	196.7	180.2	16.49	11.932			
4,800.0	4,776.6	4,792.8	4,745.4	11.5	14.0	-8.47	-57.0	637.7	201.5	184.7	16.84	11.966			
4,900.0	4,876.0	4,892.7	4,844.1	11.7	14.3	-8.46	-58.4	653.1	206.3	189.1	17.19	11.999			
5,000.0	4,975.4	4,992.6	4,942.8	12.0	14.6	-8.46	-59.8	668.6	211.1	193.6	17.55	12.030			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1G-14H-G268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-Geolink MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
5,100.0	5,074.8	5,092.5	5,041.4	12.2	15.0	-8.46	-61.2	684.1	215.9	198.0	17.90	12.061		
5,200.0	5,174.2	5,192.3	5,140.1	12.5	15.3	-8.46	-62.6	699.5	220.7	202.4	18.26	12.090		
5,300.0	5,273.6	5,292.2	5,238.8	12.7	15.6	-8.45	-64.0	715.0	225.5	206.9	18.61	12.118		
5,400.0	5,373.1	5,392.1	5,337.4	13.0	15.9	-8.45	-65.4	730.5	230.3	211.3	18.96	12.145		
5,500.0	5,472.5	5,492.0	5,436.1	13.3	16.3	-8.45	-66.8	745.9	235.1	215.8	19.32	12.171		
5,600.0	5,571.9	5,591.9	5,534.8	13.5	16.6	-8.45	-68.3	761.4	239.9	220.2	19.67	12.196		
5,700.0	5,671.3	5,691.8	5,633.5	13.8	16.9	-8.44	-69.7	776.9	244.7	224.7	20.02	12.220		
5,800.0	5,770.7	5,791.6	5,732.1	14.0	17.2	-8.44	-71.1	792.3	249.5	229.1	20.38	12.243		
5,900.0	5,870.1	5,891.5	5,830.8	14.3	17.6	-8.44	-72.5	807.8	254.3	233.6	20.73	12.265		
6,000.0	5,969.5	5,991.4	5,929.5	14.5	17.9	-8.44	-73.9	823.2	259.1	238.0	21.09	12.287		
6,100.0	6,068.9	6,091.3	6,028.1	14.8	18.2	-8.43	-75.3	838.7	263.9	242.4	21.44	12.308		
6,200.0	6,168.4	6,191.2	6,126.8	15.1	18.5	-8.43	-76.7	854.2	268.7	246.9	21.79	12.328		
6,300.0	6,267.8	6,291.1	6,225.5	15.3	18.8	-8.43	-78.1	869.6	273.5	251.3	22.15	12.348		
6,400.0	6,367.2	6,391.0	6,324.1	15.6	19.2	-8.43	-79.5	885.1	278.3	255.8	22.50	12.367		
6,500.0	6,466.6	6,490.8	6,422.8	15.8	19.5	-8.43	-80.9	900.6	283.1	260.2	22.86	12.386		
6,600.0	6,566.0	6,590.7	6,521.5	16.1	19.8	-8.43	-82.3	916.0	287.9	264.7	23.21	12.403		
6,636.3	6,602.1	6,627.0	6,557.3	16.2	19.9	-8.43	-82.8	921.6	289.6	266.3	23.34	12.410		
6,650.0	6,615.7	6,640.7	6,570.8	16.2	20.0	4.20	-83.0	923.8	290.3	266.9	23.39	12.411		
6,700.0	6,665.3	6,690.5	6,620.0	16.3	20.1	41.45	-83.7	931.5	292.6	269.1	23.52	12.441		
6,750.0	6,714.5	6,739.8	6,668.8	16.5	20.3	60.33	-84.4	939.1	295.1	271.5	23.61	12.499		
6,800.0	6,763.0	6,788.3	6,716.7	16.6	20.5	70.86	-85.1	946.6	298.0	274.3	23.70	12.575		
6,850.0	6,810.2	6,835.5	6,763.3	16.7	20.6	78.21	-85.8	953.9	301.7	277.9	23.83	12.662		
6,900.0	6,859.9	6,881.2	6,808.4	16.8	20.8	84.15	-86.4	961.0	306.9	282.8	24.04	12.767		
6,950.0	6,899.8	6,929.1	6,855.8	16.9	20.9	89.55	-86.3	968.4	314.0	289.7	24.35	12.897		
7,000.0	6,941.5	6,981.4	6,907.3	17.0	21.1	94.46	-81.9	976.5	322.7	297.9	24.74	13.043		
7,050.0	6,980.6	7,036.7	6,960.9	17.2	21.2	98.85	-72.1	984.9	332.6	307.4	25.16	13.217		
7,100.0	7,016.9	7,095.2	7,016.5	17.3	21.4	102.83	-56.1	993.6	343.5	317.9	25.58	13.429		
7,150.0	7,050.2	7,157.4	7,073.5	17.5	21.6	106.46	-32.9	1,002.5	355.0	329.0	25.96	13.675		
7,200.0	7,080.0	7,223.9	7,131.3	17.7	21.8	109.75	-1.3	1,011.6	366.7	340.5	26.21	13.993		
7,250.0	7,106.3	7,295.0	7,188.6	18.0	22.0	112.71	39.7	1,020.6	378.2	351.8	26.49	14.280		
7,300.0	7,128.9	7,371.1	7,243.9	18.2	22.2	115.33	91.2	1,029.3	389.1	362.5	26.67	14.591		
7,350.0	7,147.5	7,452.3	7,294.9	18.6	22.6	117.58	153.7	1,037.2	398.9	372.1	26.81	14.877		
7,400.0	7,162.0	7,538.4	7,338.9	18.9	23.0	119.39	227.3	1,044.1	407.1	380.1	26.96	15.098		
7,450.0	7,172.3	7,628.7	7,372.8	19.3	23.4	120.72	310.8	1,049.5	413.2	386.0	27.16	15.214		
7,500.0	7,178.3	7,722.2	7,393.8	19.7	24.0	121.53	401.7	1,052.7	416.9	389.4	27.44	15.189		
7,544.6	7,180.0	7,807.0	7,400.0	20.1	24.6	121.76	486.2	1,053.7	417.9	390.1	27.81	15.028		
7,600.0	7,180.0	7,862.4	7,400.0	20.6	25.0	121.77	541.6	1,053.7	417.9	388.9	28.93	14.446		
7,700.0	7,180.0	7,962.4	7,400.0	21.6	25.8	121.77	641.6	1,053.7	417.8	386.8	31.05	13.456		
7,800.0	7,180.0	8,062.4	7,400.0	22.7	26.7	121.78	741.6	1,053.7	417.7	384.4	33.30	12.543		
7,900.0	7,180.0	8,162.4	7,400.0	23.8	27.7	121.79	841.6	1,053.7	417.7	382.0	35.66	11.711		
8,000.0	7,180.0	8,262.4	7,400.0	25.1	28.8	121.79	941.6	1,053.7	417.6	379.5	38.11	10.956		
8,100.0	7,180.0	8,362.4	7,400.0	26.4	29.9	121.80	1,041.6	1,053.7	417.5	376.9	40.64	10.274		
8,200.0	7,180.0	8,462.4	7,400.0	27.7	31.1	121.81	1,141.6	1,053.7	417.4	374.2	43.22	9.659		
8,300.0	7,180.0	8,562.4	7,400.0	29.1	32.4	121.81	1,241.6	1,053.7	417.4	371.5	45.85	9.104		
8,400.0	7,180.0	8,662.4	7,400.0	30.5	33.7	121.82	1,341.6	1,053.7	417.3	368.8	48.52	8.601		
8,500.0	7,180.0	8,762.4	7,400.0	32.0	35.0	121.82	1,441.6	1,053.7	417.2	366.0	51.22	8.145		
8,600.0	7,180.0	8,862.4	7,400.0	33.5	36.4	121.83	1,541.6	1,053.7	417.1	363.2	53.95	7.731		
8,700.0	7,180.0	8,962.4	7,400.0	35.0	37.8	121.84	1,641.6	1,053.7	417.1	360.3	56.71	7.354		
8,800.0	7,180.0	9,062.4	7,400.0	36.5	39.2	121.84	1,741.6	1,053.7	417.0	357.5	59.49	7.009		
8,900.0	7,180.0	9,162.4	7,400.0	38.1	40.6	121.85	1,841.6	1,053.7	416.9	354.6	62.29	6.693		
9,000.0	7,180.0	9,262.4	7,400.0	39.7	42.1	121.86	1,941.6	1,053.7	416.8	351.7	65.11	6.402		
9,100.0	7,180.0	9,362.4	7,400.0	41.2	43.6	121.86	2,041.6	1,053.7	416.8	348.8	67.94	6.135		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:		0.0 ft
Reference: S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1G-14H-G268 - Hz - Plan #1															
Offset				Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning		
9,200.0	7,180.0	9,462.4	7,400.0	42.8	45.1	121.87	2,141.6	1,053.7	416.7	345.9	70.78	5.887			
9,300.0	7,180.0	9,562.4	7,400.0	44.5	46.7	121.87	2,241.6	1,053.7	416.6	343.0	73.63	5.658			
9,400.0	7,180.0	9,662.4	7,400.0	46.1	48.2	121.88	2,341.6	1,053.7	416.5	340.0	76.49	5.446			
9,500.0	7,180.0	9,762.4	7,400.0	47.7	49.8	121.89	2,441.6	1,053.7	416.5	337.1	79.36	5.248			
9,600.0	7,180.0	9,862.4	7,400.0	49.3	51.3	121.89	2,541.6	1,053.7	416.4	334.2	82.24	5.063			
9,700.0	7,180.0	9,962.4	7,400.0	51.0	52.9	121.90	2,641.6	1,053.7	416.3	331.2	85.12	4.891			
9,800.0	7,180.0	10,062.4	7,400.0	52.7	54.5	121.91	2,741.6	1,053.7	416.2	328.2	88.01	4.729			
9,900.0	7,180.0	10,162.4	7,400.0	54.3	56.1	121.91	2,841.6	1,053.7	416.2	325.3	90.91	4.578			
10,000.0	7,180.0	10,262.4	7,400.0	56.0	57.7	121.92	2,941.6	1,053.7	416.1	322.3	93.81	4.436			
10,100.0	7,180.0	10,362.4	7,400.0	57.6	59.4	121.93	3,041.6	1,053.7	416.0	319.3	96.72	4.302			
10,200.0	7,180.0	10,462.4	7,400.0	59.3	61.0	121.93	3,141.6	1,053.7	415.9	316.3	99.62	4.175			
10,300.0	7,180.0	10,562.4	7,400.0	61.0	62.6	121.94	3,241.6	1,053.7	415.9	313.3	102.54	4.056			
10,400.0	7,180.0	10,662.4	7,400.0	62.7	64.3	121.94	3,341.6	1,053.7	415.8	310.3	105.45	3.943			
10,500.0	7,180.0	10,762.4	7,400.0	64.4	65.9	121.95	3,441.6	1,053.7	415.7	307.4	108.37	3.836			
10,600.0	7,180.0	10,862.4	7,400.0	66.1	67.6	121.96	3,541.6	1,053.7	415.7	304.4	111.29	3.735			
10,700.0	7,180.0	10,962.4	7,400.0	67.8	69.2	121.96	3,641.6	1,053.7	415.6	301.4	114.22	3.639			
10,800.0	7,180.0	11,062.4	7,400.0	69.5	70.9	121.97	3,741.6	1,053.7	415.5	298.4	117.14	3.547			
10,900.0	7,180.0	11,162.4	7,400.0	71.2	72.6	121.98	3,841.6	1,053.7	415.4	295.4	120.07	3.460			
11,000.0	7,180.0	11,262.4	7,400.0	72.9	74.2	121.98	3,941.6	1,053.7	415.4	292.4	123.00	3.377			
11,100.0	7,180.0	11,362.4	7,400.0	74.6	75.9	121.99	4,041.6	1,053.7	415.3	289.3	125.93	3.298			
11,200.0	7,180.0	11,462.4	7,400.0	76.3	77.6	122.00	4,141.6	1,053.7	415.2	286.3	128.86	3.222			
11,300.0	7,180.0	11,562.4	7,400.0	78.0	79.3	122.00	4,241.6	1,053.7	415.1	283.3	131.80	3.150			
11,400.0	7,180.0	11,662.4	7,400.0	79.7	81.0	122.01	4,341.6	1,053.7	415.1	280.3	134.74	3.081			
11,500.0	7,180.0	11,762.4	7,400.0	81.4	82.6	122.01	4,441.6	1,053.7	415.0	277.3	137.67	3.014			
11,600.0	7,180.0	11,862.4	7,400.0	83.1	84.3	122.02	4,541.6	1,053.7	414.9	274.3	140.61	2.951			
11,700.0	7,180.0	11,962.4	7,400.0	84.8	86.0	122.03	4,641.6	1,053.7	414.8	271.3	143.55	2.890			
11,800.0	7,180.0	12,062.4	7,400.0	86.6	87.7	122.03	4,741.6	1,053.7	414.8	268.3	146.49	2.831			
11,900.0	7,180.0	12,162.4	7,400.0	88.3	89.4	122.04	4,841.6	1,053.7	414.7	265.3	149.43	2.775			
12,000.0	7,180.0	12,262.4	7,400.0	90.0	91.1	122.05	4,941.6	1,053.7	414.6	262.2	152.37	2.721			
12,100.0	7,180.0	12,362.4	7,400.0	91.7	92.8	122.05	5,041.6	1,053.7	414.5	259.2	155.32	2.669			
12,200.0	7,180.0	12,462.4	7,400.0	93.4	94.5	122.06	5,141.6	1,053.7	414.5	256.2	158.26	2.619			
12,300.0	7,180.0	12,562.4	7,400.0	95.2	96.2	122.07	5,241.6	1,053.7	414.4	253.2	161.20	2.571			
12,400.0	7,180.0	12,662.4	7,400.0	96.9	97.9	122.07	5,341.6	1,053.7	414.3	250.2	164.15	2.524			
12,500.0	7,180.0	12,762.4	7,400.0	98.6	99.7	122.08	5,441.6	1,053.7	414.2	247.2	167.09	2.479			
12,600.0	7,180.0	12,862.4	7,400.0	100.3	101.4	122.09	5,541.6	1,053.7	414.2	244.1	170.04	2.436			
12,700.0	7,180.0	12,962.4	7,400.0	102.1	103.1	122.09	5,641.6	1,053.7	414.1	241.1	172.98	2.394			
12,800.0	7,180.0	13,062.4	7,400.0	103.8	104.8	122.10	5,741.6	1,053.7	414.0	238.1	175.93	2.353			
12,900.0	7,180.0	13,162.4	7,400.0	105.5	106.5	122.10	5,841.6	1,053.7	413.9	235.1	178.87	2.314			
13,000.0	7,180.0	13,262.4	7,400.0	107.3	108.2	122.11	5,941.6	1,053.7	413.9	232.1	181.82	2.276			
13,100.0	7,180.0	13,362.4	7,400.0	109.0	109.9	122.12	6,041.6	1,053.7	413.8	229.0	184.77	2.240			
13,200.0	7,180.0	13,462.4	7,400.0	110.7	111.7	122.12	6,141.6	1,053.7	413.7	226.0	187.71	2.204			
13,300.0	7,180.0	13,562.4	7,400.0	112.5	113.4	122.13	6,241.6	1,053.7	413.7	223.0	190.66	2.170			
13,400.0	7,180.0	13,662.4	7,400.0	114.2	115.1	122.14	6,341.6	1,053.7	413.6	220.0	193.61	2.136			
13,500.0	7,180.0	13,762.4	7,400.0	115.9	116.8	122.14	6,441.6	1,053.7	413.5	217.0	196.56	2.104			
13,600.0	7,180.0	13,862.4	7,400.0	117.7	118.5	122.15	6,541.6	1,053.7	413.4	213.9	199.50	2.072			
13,700.0	7,180.0	13,962.4	7,400.0	119.4	120.3	122.16	6,641.6	1,053.7	413.4	210.9	202.45	2.042			
13,800.0	7,180.0	14,062.4	7,400.0	121.1	122.0	122.16	6,741.6	1,053.7	413.3	207.9	205.40	2.012			
13,900.0	7,180.0	14,162.4	7,400.0	122.9	123.7	122.17	6,841.6	1,053.7	413.2	204.9	208.35	1.983			
14,000.0	7,180.0	14,262.4	7,400.0	124.6	125.4	122.18	6,941.6	1,053.7	413.1	201.8	211.29	1.955			
14,100.0	7,180.0	14,362.4	7,400.0	126.3	127.2	122.18	7,041.6	1,053.7	413.1	198.8	214.24	1.928			
14,200.0	7,180.0	14,462.4	7,400.0	128.1	128.9	122.19	7,141.6	1,053.7	413.0	195.8	217.19	1.902			
14,300.0	7,180.0	14,562.4	7,400.0	129.8	130.6	122.19	7,241.6	1,053.7	412.9	192.8	220.14	1.876			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b>												<b>Offset Site Error:</b>	0.0 ft	
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1G-14H-G268 - Hz - Plan #1												<b>Offset Well Error:</b>	0.0 ft	
Survey Program: 0-Geolink MWD														
Reference		Offset		Semi Major Axis			Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
14,358.6	7,180.0	14,621.0	7,400.0	130.8	131.6	122.20	7,300.2	1,053.7	412.9	191.0	221.86	1.861 SF		

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - Grant-Hurt 1H-14H-G268 - Hz - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-Geolink MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance			Total	Separation	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Uncertainty Axis	Factor		
0.0	0.0	0.0	0.0	0.0	0.0	90.00	0.0	22.4	22.4					
100.0	100.0	100.0	100.0	0.1	0.1	90.00	0.0	22.4	22.4	22.1	0.26	85.434		
200.0	200.0	200.0	200.0	0.3	0.3	90.00	0.0	22.4	22.4	21.8	0.61	36.615 CC, ES		
300.0	300.0	299.6	299.6	0.5	0.5	90.15	-0.1	23.2	23.2	22.3	0.96	24.198		
400.0	400.0	399.1	399.1	0.7	0.7	90.53	-0.2	25.8	25.8	24.5	1.31	19.668		
500.0	500.0	498.6	498.5	0.8	0.8	-6.93	-0.5	30.1	29.3	27.6	1.66	17.700		
600.0	600.0	598.0	597.7	1.0	1.0	-6.89	-1.0	36.2	32.8	30.8	2.00	16.358		
700.0	699.9	697.4	696.7	1.2	1.3	-7.04	-1.5	43.9	36.2	33.9	2.35	15.414		
800.0	799.7	796.6	795.6	1.4	1.5	-7.32	-2.2	53.3	39.7	37.0	2.70	14.713		
900.0	899.4	895.9	894.1	1.6	1.7	-7.71	-2.9	64.5	43.2	40.1	3.05	14.171		
1,000.0	998.9	995.0	992.5	1.8	2.0	-8.19	-3.8	77.3	46.6	43.3	3.40	13.737		
1,021.4	1,020.2	1,016.2	1,013.5	1.9	2.1	-8.29	-4.0	80.3	47.4	43.9	3.47	13.655		
1,100.0	1,098.3	1,094.1	1,090.5	2.1	2.3	-8.63	-4.9	91.8	50.7	46.9	3.75	13.517 SF		
1,200.0	1,197.7	1,193.0	1,188.1	2.3	2.6	-8.86	-6.0	108.0	56.3	52.2	4.10	13.743		
1,300.0	1,297.1	1,291.7	1,285.1	2.5	3.0	-8.90	-7.2	125.8	63.7	59.3	4.45	14.319		
1,400.0	1,396.6	1,390.1	1,381.6	2.8	3.4	-8.82	-8.6	145.2	72.8	68.0	4.80	15.168		
1,500.0	1,496.0	1,489.2	1,478.5	3.0	3.7	-8.67	-10.0	166.0	83.2	78.1	5.15	16.147		
1,600.0	1,595.4	1,588.7	1,575.7	3.3	4.1	-8.56	-11.5	187.0	93.7	88.2	5.51	17.012		
1,700.0	1,694.8	1,688.1	1,672.9	3.5	4.5	-8.46	-13.0	207.9	104.1	98.3	5.86	17.774		
1,800.0	1,794.2	1,787.6	1,770.1	3.8	4.9	-8.38	-14.4	228.9	114.6	108.4	6.21	18.449		
1,900.0	1,893.6	1,887.0	1,867.3	4.0	5.3	-8.32	-15.9	249.8	125.1	118.5	6.56	19.051		
2,000.0	1,993.0	1,986.5	1,964.5	4.3	5.7	-8.27	-17.3	270.8	135.5	128.6	6.92	19.592		
2,100.0	2,092.4	2,085.9	2,061.7	4.5	6.1	-8.22	-18.8	291.7	146.0	138.7	7.27	20.081		
2,200.0	2,191.9	2,185.4	2,158.9	4.8	6.5	-8.18	-20.3	312.7	156.4	148.8	7.62	20.525		
2,300.0	2,291.3	2,284.8	2,256.1	5.0	6.9	-8.15	-21.7	333.6	166.9	158.9	7.97	20.929		
2,400.0	2,390.7	2,384.3	2,353.3	5.3	7.4	-8.11	-23.2	354.6	177.3	169.0	8.33	21.299		
2,500.0	2,490.1	2,483.7	2,450.6	5.6	7.8	-8.09	-24.7	375.5	187.8	179.1	8.68	21.640		
2,600.0	2,589.5	2,583.2	2,547.8	5.8	8.2	-8.06	-26.1	396.5	198.3	189.2	9.03	21.953		
2,700.0	2,688.9	2,682.6	2,645.0	6.1	8.6	-8.04	-27.6	417.4	208.7	199.3	9.38	22.243		
2,800.0	2,788.3	2,782.1	2,742.2	6.3	9.0	-8.02	-29.1	438.4	219.2	209.4	9.74	22.513		
2,900.0	2,887.7	2,881.5	2,839.4	6.6	9.4	-8.00	-30.5	459.3	229.6	219.5	10.09	22.763		
3,000.0	2,987.2	2,981.0	2,936.6	6.8	9.8	-7.99	-32.0	480.3	240.1	229.7	10.44	22.996		
3,100.0	3,086.6	3,080.4	3,033.8	7.1	10.2	-7.97	-33.4	501.2	250.5	239.8	10.79	23.215		
3,200.0	3,186.0	3,179.9	3,131.0	7.3	10.6	-7.96	-34.9	522.2	261.0	249.9	11.15	23.419		
3,300.0	3,285.4	3,279.4	3,228.2	7.6	11.0	-7.94	-36.4	543.1	271.5	260.0	11.50	23.611		
3,400.0	3,384.8	3,378.8	3,325.4	7.9	11.4	-7.93	-37.8	564.1	281.9	270.1	11.85	23.791		
3,500.0	3,484.2	3,478.3	3,422.6	8.1	11.9	-7.92	-39.3	585.0	292.4	280.2	12.20	23.961		
3,600.0	3,583.6	3,577.7	3,519.9	8.4	12.3	-7.91	-40.8	606.0	302.8	290.3	12.55	24.122		
3,700.0	3,683.0	3,677.2	3,617.1	8.6	12.7	-7.90	-42.2	626.9	313.3	300.4	12.91	24.274		
3,800.0	3,782.5	3,776.6	3,714.3	8.9	13.1	-7.89	-43.7	647.8	323.8	310.5	13.26	24.417		
3,900.0	3,881.9	3,876.1	3,811.5	9.1	13.5	-7.88	-45.1	668.8	334.2	320.6	13.61	24.554		
4,000.0	3,981.3	3,975.5	3,908.7	9.4	13.9	-7.87	-46.6	689.7	344.7	330.7	13.96	24.683		
4,100.0	4,080.7	4,075.0	4,005.9	9.7	14.3	-7.87	-48.1	710.7	355.1	340.8	14.32	24.806		
4,200.0	4,180.1	4,174.4	4,103.1	9.9	14.7	-7.86	-49.5	731.6	365.6	350.9	14.67	24.923		
4,300.0	4,279.5	4,273.9	4,200.3	10.2	15.1	-7.85	-51.0	752.6	376.1	361.0	15.02	25.035		
4,400.0	4,378.9	4,373.3	4,297.5	10.4	15.6	-7.85	-52.5	773.5	386.5	371.1	15.37	25.141		
4,500.0	4,478.3	4,472.8	4,394.7	10.7	16.0	-7.84	-53.9	794.5	397.0	381.2	15.73	25.243		
4,600.0	4,577.8	4,572.2	4,491.9	10.9	16.4	-7.84	-55.4	815.4	407.4	391.3	16.08	25.341		
4,700.0	4,677.2	4,671.7	4,589.2	11.2	16.8	-7.83	-56.9	836.4	417.9	401.5	16.43	25.434		
4,800.0	4,776.6	4,771.1	4,686.4	11.5	17.2	-7.83	-58.3	857.3	428.3	411.6	16.78	25.523		
4,900.0	4,876.0	4,870.6	4,783.6	11.7	17.6	-7.82	-59.8	878.3	438.8	421.7	17.14	25.608		
5,000.0	4,975.4	4,970.0	4,880.8	12.0	18.0	-7.82	-61.2	899.2	449.3	431.8	17.49	25.690		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 0-Geolink MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor			
5,100.0	5,074.8	5,069.5	4,978.0	12.2	18.4	-7.81	-62.7	920.2	459.7	441.9	17.84	25.769			
5,200.0	5,174.2	5,168.9	5,075.2	12.5	18.9	-7.81	-64.2	941.1	470.2	452.0	18.19	25.845			
5,300.0	5,273.6	5,268.4	5,172.4	12.7	19.3	-7.80	-65.6	962.1	480.6	462.1	18.54	25.918			
5,400.0	5,373.1	5,367.8	5,269.6	13.0	19.7	-7.80	-67.1	983.0	491.1	472.2	18.90	25.988			

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 8026-Geolink MWD													Offset Well Error:		0.0 ft
Reference															
Offset				Semi Major Axis			Distance								
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning		
10,200.0	7,180.0	7,170.0	7,170.0	59.3	12.5	-90.00	3,547.4	523.0	443.0	372.4	70.55	6.278			
10,300.0	7,180.0	7,170.0	7,170.0	61.0	12.5	-90.00	3,547.4	523.0	353.7	281.4	72.27	4.894			
10,400.0	7,180.0	7,170.0	7,170.0	62.7	12.5	-90.00	3,547.4	523.0	272.0	198.0	73.99	3.676			
10,500.0	7,180.0	7,170.0	7,170.0	64.4	12.5	-90.00	3,547.4	523.0	207.0	131.3	75.71	2.734			
10,600.0	7,180.0	7,170.0	7,170.0	66.1	12.5	-90.00	3,547.4	523.0	178.1	100.7	77.43	2.301			
10,605.6	7,180.0	7,170.0	7,170.0	66.2	12.5	-90.00	3,547.4	523.0	178.0	100.5	77.53	2.297	CC, ES, SF		
10,700.0	7,180.0	7,170.0	7,170.0	67.8	12.5	-90.00	3,547.4	523.0	201.5	122.4	79.15	2.546			
10,800.0	7,180.0	7,170.0	7,170.0	69.5	12.5	-90.00	3,547.4	523.0	263.6	182.7	80.88	3.259			
10,900.0	7,180.0	7,170.0	7,170.0	71.2	12.5	-90.00	3,547.4	523.0	344.0	261.4	82.61	4.165			
11,000.0	7,180.0	7,170.0	7,170.0	72.9	12.5	-90.00	3,547.4	523.0	432.7	348.4	84.33	5.131			

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 70-MWD													Offset Well Error:		0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - HURT 43-11 (EXISTING) - ENCANA WELL - SURVEY															
Reference		Offset		Semi Major Axis			Distance						Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor			
11,000.0	7,180.0	7,480.0	7,128.1	72.9	37.4	69.14	4,373.4	747.8	434.7	340.5	94.20	4.614			
11,100.0	7,180.0	7,482.2	7,130.3	74.6	37.4	71.64	4,373.5	747.8	335.5	238.3	97.17	3.453			
11,200.0	7,180.0	7,486.5	7,134.5	76.3	37.4	76.49	4,373.7	747.9	236.9	135.9	101.00	2.346			
11,300.0	7,180.0	7,490.8	7,138.8	78.0	37.4	81.67	4,373.9	748.0	140.3	36.0	104.31	1.345 Level 3			
11,400.0	7,180.0	7,495.2	7,143.3	79.7	37.4	87.13	4,374.1	748.1	56.6	-50.3	106.88	0.530 Level 1			
11,432.6	7,180.0	7,496.7	7,144.8	80.3	37.4	88.96	4,374.2	748.1	46.3	-61.2	107.53	0.431 Level 1, CC, ES, SF			
11,500.0	7,180.0	7,499.8	7,147.9	81.4	37.4	92.79	4,374.3	748.2	81.7	-26.8	108.54	0.753 Level 1			
11,600.0	7,180.0	7,504.5	7,152.6	83.1	37.5	98.54	4,374.5	748.2	173.5	64.3	109.16	1.589			
11,700.0	7,180.0	7,509.4	7,157.4	84.8	37.5	104.26	4,374.8	748.3	271.1	162.4	108.71	2.494			
11,800.0	7,180.0	7,514.4	7,162.4	86.6	37.5	109.86	4,375.0	748.4	369.9	262.7	107.25	3.449			
11,900.0	7,180.0	7,519.6	7,167.6	88.3	37.5	115.23	4,375.3	748.5	469.2	364.3	104.91	4.472			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design												Offset Site Error:	0.0 ft	
Survey Program: 70-MWD												Offset Well Error:		0.0 ft
Reference														
Offset														
Semi Major Axis														
Distance														
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning	
9,200.0	7,180.0	7,414.3	7,143.8	42.8	31.6	88.60	2,559.2	907.6	466.5	410.6	55.90	8.345		
9,300.0	7,180.0	7,415.5	7,145.1	44.5	31.6	88.94	2,559.3	907.6	379.5	321.9	57.57	6.592		
9,400.0	7,180.0	7,416.8	7,146.3	46.1	31.6	89.29	2,559.3	907.6	300.8	241.5	59.25	5.076		
9,500.0	7,180.0	7,418.0	7,147.6	47.7	31.6	89.63	2,559.3	907.6	238.5	177.6	60.93	3.914		
9,600.0	7,180.0	7,419.3	7,148.8	49.3	31.6	89.97	2,559.3	907.6	208.1	145.5	62.62	3.324		
9,617.9	7,180.0	7,419.5	7,149.0	49.6	31.6	90.04	2,559.3	907.6	207.4	144.5	62.92	3.296	CC, ES, SF	
9,700.0	7,180.0	7,420.5	7,150.1	51.0	31.6	90.32	2,559.3	907.6	223.0	158.7	64.31	3.468		
9,800.0	7,180.0	7,421.8	7,151.3	52.7	31.6	90.66	2,559.3	907.6	276.0	210.0	66.00	4.182		
9,900.0	7,180.0	7,423.0	7,152.6	54.3	31.6	91.01	2,559.4	907.6	350.1	282.4	67.69	5.172		
10,000.0	7,180.0	7,424.3	7,153.8	56.0	31.6	91.36	2,559.4	907.6	434.7	365.4	69.38	6.266		

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design													Offset Site Error:	0.0 ft				
S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt) - STANLEY OLSON 2 (EXISTING) - WHITEWING WE													Offset Well Error:	0.0 ft				
Survey Program: 655-Geolink MWD																		
Reference				Offset				Semi Major Axis					Distance					
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning					
7,250.0	7,106.3	7,187.3	7,085.6	18.0	19.5	31.65	665.1	861.5	491.5	467.8	23.75	20.692						
7,300.0	7,128.9	7,210.5	7,108.8	18.2	19.5	40.08	665.3	861.3	449.2	425.5	23.67	18.972						
7,350.0	7,147.5	7,229.7	7,127.9	18.6	19.5	50.54	665.4	861.1	405.7	381.2	24.59	16.504						
7,400.0	7,162.0	7,244.6	7,142.9	18.9	19.5	62.40	665.5	861.0	362.0	335.8	26.16	13.835						
7,450.0	7,172.3	7,255.2	7,153.5	19.3	19.5	74.15	665.5	860.9	318.6	290.9	27.65	11.522						
7,500.0	7,178.3	7,261.5	7,159.8	19.7	19.5	83.99	665.5	860.9	276.7	248.2	28.57	9.686						
7,544.6	7,180.0	7,263.4	7,161.7	20.1	19.5	90.24	665.6	860.8	242.0	213.0	29.00	8.343						
7,600.0	7,180.0	7,263.6	7,161.9	20.6	19.5	90.32	665.6	860.8	204.3	174.6	29.64	6.892						
7,700.0	7,180.0	7,264.0	7,162.3	21.6	19.5	90.45	665.6	860.8	164.1	133.2	30.87	5.315						
7,724.1	7,180.0	7,264.1	7,162.4	21.8	19.5	90.49	665.6	860.8	162.3	131.1	31.19	5.204	CC, ES, SF					
7,800.0	7,180.0	7,264.4	7,162.7	22.7	19.5	90.59	665.6	860.8	179.2	147.0	32.18	5.567						
7,900.0	7,180.0	7,264.8	7,163.0	23.8	19.5	90.72	665.6	860.8	239.3	205.8	33.56	7.132						
8,000.0	7,180.0	7,265.1	7,163.4	25.1	19.5	90.85	665.6	860.8	320.1	285.1	34.99	9.148						
8,100.0	7,180.0	7,265.5	7,163.8	26.4	19.5	90.98	665.6	860.8	409.5	373.0	36.47	11.228						

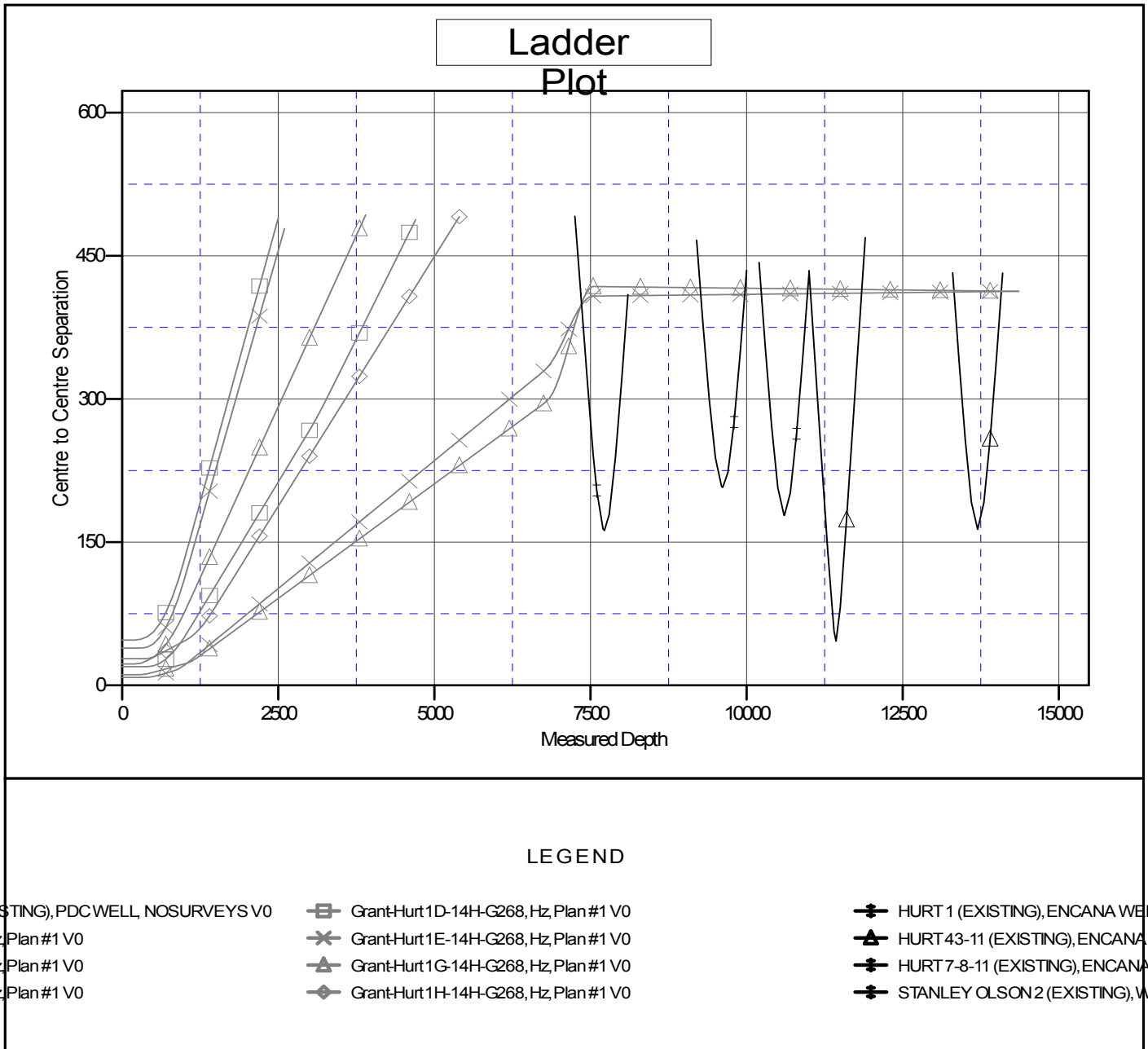
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

## Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Grant-Hurt 1F-14H-G268
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Reference Site:</b>	S14-T2N-R68W (Grant Elmquist/Salisbury/Hurt)	<b>MD Reference:</b>	WELL @ 4913.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Grant-Hurt 1F-14H-G268	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Hz	<b>Database:</b>	USA EDM 5000 Multi Users DB
<b>Reference Design:</b>	Plan #2	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4913.0ft (Original Well Elev)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.500000 °

Coordinates are relative to: Grant-Hurt 1F-14H-G268  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.34°



CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation