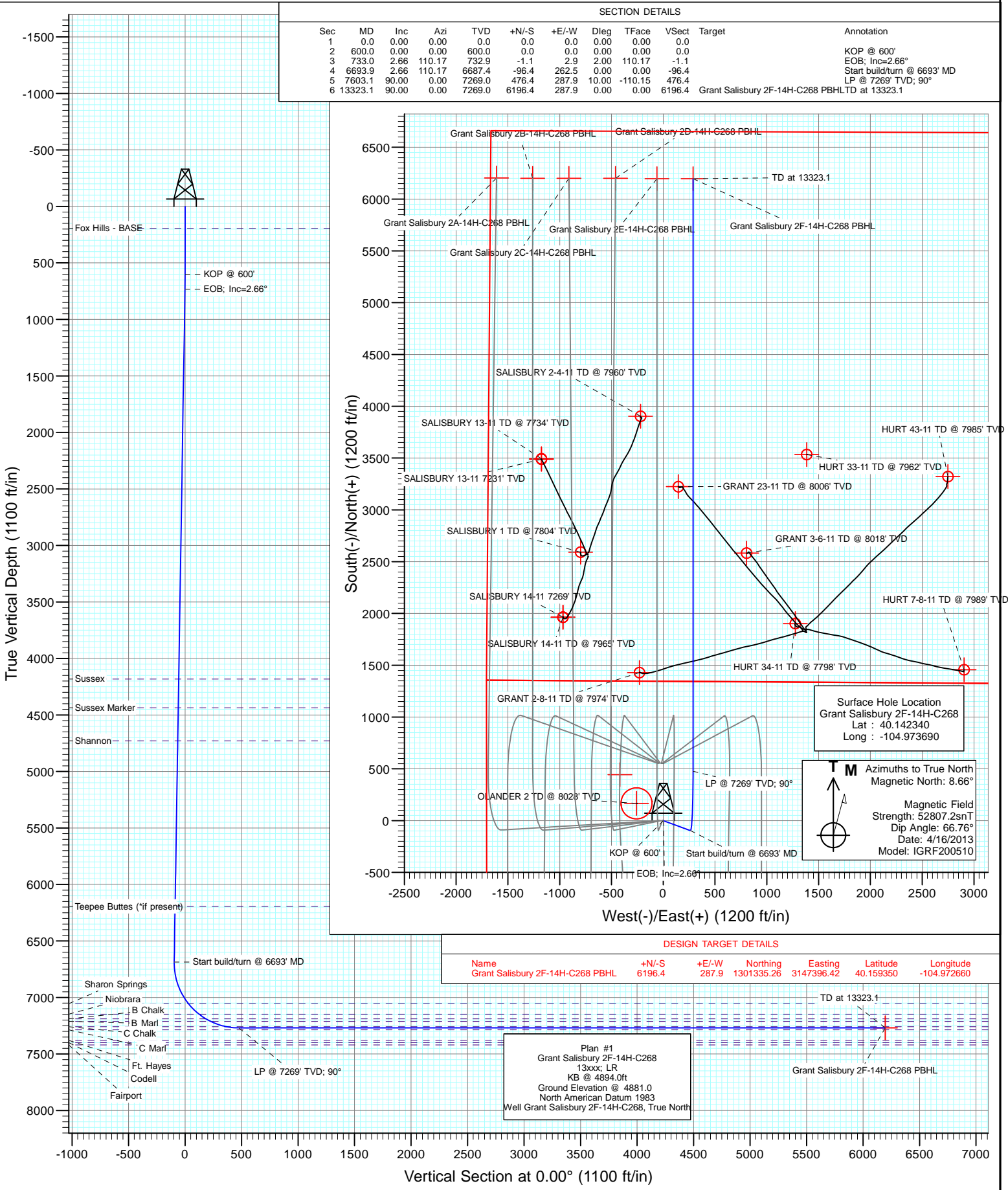




Project: DJ Wattenberg
 Site: S14-T2N-R68W (Grant Elmquist/Salisbury)
 Well: Grant Salisbury 2F-14H-C268
 Wellbore: Hz
 Design: Plan #1



Cathedral Energy Services

Planning Report

Database: USA EDM 5000 Multi Users DB	Local Co-ordinate Reference: Well Grant Salisbury 2F-14H-C268
Company: EnCana Oil & Gas (USA) Inc	TVD Reference: KB @ 4894.0ft
Project: DJ Wattenberg	MD Reference: KB @ 4894.0ft
Site: S14-T2N-R68W (Grant Elmquist/Salisbury)	North Reference: True
Well: Grant Salisbury 2F-14H-C268	Survey Calculation Method: Minimum Curvature
Wellbore: Hz	
Design: Plan #1	

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

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

Well Grant Salisbury 2F-14H-C268						
Well Position	+N/-S	0.0 ft	Northing:	1,295,137.22 ft	Latitude:	40.142340
	+E/-W	0.0 ft	Easting:	3,147,145.32 ft	Longitude:	-104.973690
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,881.0 ft

Wellbore Hz					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	IGRF200510	4/16/2013	8.66	66.76	52,807

Design Plan #1				
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	0.00

Plan Sections										
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	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
733.0	2.66	110.17	732.9	-1.1	2.9	2.00	2.00	0.00	110.17	
6,693.9	2.66	110.17	6,687.4	-96.4	262.5	0.00	0.00	0.00	0.00	
7,603.1	90.00	0.00	7,269.0	476.4	287.9	10.00	9.61	-12.12	-110.15	
13,323.1	90.00	0.00	7,269.0	6,196.4	287.9	0.00	0.00	0.00	0.00	Grant Salisbury 2F-14

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 4894.0ft
Project:	DJ Wattenberg	MD Reference:	KB @ 4894.0ft
Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	North Reference:	True
Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

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	
194.0	0.00	0.00	194.0	0.0	0.0	0.0	0.00	0.00	Fox Hills - BASE
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	
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	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	KOP @ 600'
700.0	2.00	110.17	700.0	-0.6	1.6	-0.6	2.00	2.00	
733.0	2.66	110.17	732.9	-1.1	2.9	-1.1	2.00	2.00	EOB; Inc=2.66°
800.0	2.66	110.17	799.9	-2.1	5.8	-2.1	0.00	0.00	
900.0	2.66	110.17	899.8	-3.7	10.2	-3.7	0.00	0.00	
1,000.0	2.66	110.17	999.7	-5.3	14.5	-5.3	0.00	0.00	
1,100.0	2.66	110.17	1,099.6	-6.9	18.9	-6.9	0.00	0.00	
1,200.0	2.66	110.17	1,199.4	-8.5	23.2	-8.5	0.00	0.00	
1,300.0	2.66	110.17	1,299.3	-10.1	27.6	-10.1	0.00	0.00	
1,400.0	2.66	110.17	1,399.2	-11.7	31.9	-11.7	0.00	0.00	
1,500.0	2.66	110.17	1,499.1	-13.3	36.3	-13.3	0.00	0.00	
1,600.0	2.66	110.17	1,599.0	-14.9	40.7	-14.9	0.00	0.00	
1,700.0	2.66	110.17	1,698.9	-16.5	45.0	-16.5	0.00	0.00	
1,800.0	2.66	110.17	1,798.8	-18.1	49.4	-18.1	0.00	0.00	
1,900.0	2.66	110.17	1,898.7	-19.7	53.7	-19.7	0.00	0.00	
2,000.0	2.66	110.17	1,998.6	-21.3	58.1	-21.3	0.00	0.00	
2,100.0	2.66	110.17	2,098.5	-22.9	62.4	-22.9	0.00	0.00	
2,200.0	2.66	110.17	2,198.4	-24.5	66.8	-24.5	0.00	0.00	
2,300.0	2.66	110.17	2,298.3	-26.1	71.1	-26.1	0.00	0.00	
2,400.0	2.66	110.17	2,398.2	-27.7	75.5	-27.7	0.00	0.00	
2,500.0	2.66	110.17	2,498.0	-29.3	79.9	-29.3	0.00	0.00	
2,600.0	2.66	110.17	2,597.9	-30.9	84.2	-30.9	0.00	0.00	
2,700.0	2.66	110.17	2,697.8	-32.5	88.6	-32.5	0.00	0.00	
2,800.0	2.66	110.17	2,797.7	-34.1	92.9	-34.1	0.00	0.00	
2,900.0	2.66	110.17	2,897.6	-35.7	97.3	-35.7	0.00	0.00	
3,000.0	2.66	110.17	2,997.5	-37.3	101.6	-37.3	0.00	0.00	
3,100.0	2.66	110.17	3,097.4	-38.9	106.0	-38.9	0.00	0.00	
3,200.0	2.66	110.17	3,197.3	-40.5	110.3	-40.5	0.00	0.00	
3,300.0	2.66	110.17	3,297.2	-42.1	114.7	-42.1	0.00	0.00	
3,400.0	2.66	110.17	3,397.1	-43.7	119.1	-43.7	0.00	0.00	
3,500.0	2.66	110.17	3,497.0	-45.3	123.4	-45.3	0.00	0.00	
3,600.0	2.66	110.17	3,596.9	-46.9	127.8	-46.9	0.00	0.00	
3,700.0	2.66	110.17	3,696.8	-48.5	132.1	-48.5	0.00	0.00	
3,800.0	2.66	110.17	3,796.6	-50.1	136.5	-50.1	0.00	0.00	
3,900.0	2.66	110.17	3,896.5	-51.7	140.8	-51.7	0.00	0.00	
4,000.0	2.66	110.17	3,996.4	-53.3	145.2	-53.3	0.00	0.00	
4,100.0	2.66	110.17	4,096.3	-54.9	149.5	-54.9	0.00	0.00	
4,185.8	2.66	110.17	4,182.0	-56.3	153.3	-56.3	0.00	0.00	Sussex
4,200.0	2.66	110.17	4,196.2	-56.5	153.9	-56.5	0.00	0.00	
4,300.0	2.66	110.17	4,296.1	-58.1	158.3	-58.1	0.00	0.00	
4,400.0	2.66	110.17	4,396.0	-59.7	162.6	-59.7	0.00	0.00	
4,440.0	2.66	110.17	4,436.0	-60.4	164.4	-60.4	0.00	0.00	Sussex Marker
4,500.0	2.66	110.17	4,495.9	-61.3	167.0	-61.3	0.00	0.00	
4,600.0	2.66	110.17	4,595.8	-62.9	171.3	-62.9	0.00	0.00	
4,700.0	2.66	110.17	4,695.7	-64.5	175.7	-64.5	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 4894.0ft
Project:	DJ Wattenberg	MD Reference:	KB @ 4894.0ft
Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	North Reference:	True
Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

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
4,733.4	2.66	110.17	4,729.0	-65.1	177.1	-65.1	0.00	0.00	Shannon
4,800.0	2.66	110.17	4,795.6	-66.1	180.0	-66.1	0.00	0.00	
4,900.0	2.66	110.17	4,895.5	-67.7	184.4	-67.7	0.00	0.00	
5,000.0	2.66	110.17	4,995.4	-69.3	188.7	-69.3	0.00	0.00	
5,100.0	2.66	110.17	5,095.2	-70.9	193.1	-70.9	0.00	0.00	
5,200.0	2.66	110.17	5,195.1	-72.5	197.5	-72.5	0.00	0.00	
5,300.0	2.66	110.17	5,295.0	-74.1	201.8	-74.1	0.00	0.00	
5,400.0	2.66	110.17	5,394.9	-75.7	206.2	-75.7	0.00	0.00	
5,500.0	2.66	110.17	5,494.8	-77.3	210.5	-77.3	0.00	0.00	
5,600.0	2.66	110.17	5,594.7	-78.9	214.9	-78.9	0.00	0.00	
5,700.0	2.66	110.17	5,694.6	-80.5	219.2	-80.5	0.00	0.00	
5,800.0	2.66	110.17	5,794.5	-82.1	223.6	-82.1	0.00	0.00	
5,900.0	2.66	110.17	5,894.4	-83.7	227.9	-83.7	0.00	0.00	
6,000.0	2.66	110.17	5,994.3	-85.3	232.3	-85.3	0.00	0.00	
6,100.0	2.66	110.17	6,094.2	-86.9	236.7	-86.9	0.00	0.00	
6,199.9	2.66	110.17	6,194.0	-88.5	241.0	-88.5	0.00	0.00	Teepee Buttes (*if present)
6,200.0	2.66	110.17	6,194.1	-88.5	241.0	-88.5	0.00	0.00	
6,300.0	2.66	110.17	6,294.0	-90.1	245.4	-90.1	0.00	0.00	
6,400.0	2.66	110.17	6,393.8	-91.7	249.7	-91.7	0.00	0.00	
6,500.0	2.66	110.17	6,493.7	-93.3	254.1	-93.3	0.00	0.00	
6,600.0	2.66	110.17	6,593.6	-94.9	258.4	-94.9	0.00	0.00	
6,693.9	2.66	110.17	6,687.4	-96.4	262.5	-96.4	0.00	0.00	Start build/turn @ 6693' MD
6,700.0	2.52	97.00	6,693.5	-96.5	262.8	-96.5	10.00	-2.36	
6,800.0	10.01	14.31	6,793.0	-88.3	267.1	-88.3	10.00	7.49	
6,900.0	19.85	6.94	6,889.5	-63.0	271.3	-63.0	10.00	9.84	
7,000.0	29.79	4.37	6,980.1	-21.3	275.3	-21.3	10.00	9.94	
7,090.7	38.83	3.10	7,055.0	29.7	278.6	29.7	10.00	9.97	Sharon Springs
7,100.0	39.76	3.00	7,062.2	35.6	278.9	35.6	10.00	9.98	
7,200.0	49.74	2.12	7,133.1	105.8	282.0	105.8	10.00	9.98	
7,223.6	52.10	1.95	7,148.0	124.1	282.6	124.1	10.00	9.98	Niobrara
7,294.5	59.18	1.49	7,188.0	182.6	284.4	182.6	10.00	9.99	B Chalk
7,300.0	59.73	1.46	7,190.8	187.3	284.5	187.3	10.00	9.99	
7,345.2	64.24	1.21	7,212.0	227.2	285.4	227.2	10.00	9.99	B Marl
7,400.0	69.71	0.92	7,233.4	277.6	286.3	277.6	10.00	9.99	
7,495.8	79.28	0.47	7,259.0	369.8	287.4	369.8	10.00	9.99	C Chalk
7,500.0	79.70	0.45	7,259.8	373.9	287.5	373.9	10.00	9.99	
7,600.0	89.69	0.01	7,269.0	473.4	287.9	473.4	10.00	9.99	
7,603.1	90.00	0.00	7,269.0	476.4	287.9	476.4	10.00	9.99	LP @ 7269' TVD; 90°
7,700.0	90.00	0.00	7,269.0	573.4	287.9	573.4	0.00	0.00	
7,800.0	90.00	0.00	7,269.0	673.4	287.9	673.4	0.00	0.00	
7,900.0	90.00	0.00	7,269.0	773.4	287.9	773.4	0.00	0.00	
8,000.0	90.00	0.00	7,269.0	873.4	287.9	873.4	0.00	0.00	
8,100.0	90.00	0.00	7,269.0	973.4	287.9	973.4	0.00	0.00	
8,200.0	90.00	0.00	7,269.0	1,073.4	287.9	1,073.4	0.00	0.00	
8,300.0	90.00	0.00	7,269.0	1,173.4	287.9	1,173.4	0.00	0.00	
8,400.0	90.00	0.00	7,269.0	1,273.4	287.9	1,273.4	0.00	0.00	
8,500.0	90.00	0.00	7,269.0	1,373.4	287.9	1,373.4	0.00	0.00	
8,600.0	90.00	0.00	7,269.0	1,473.4	287.9	1,473.4	0.00	0.00	
8,700.0	90.00	0.00	7,269.0	1,573.4	287.9	1,573.4	0.00	0.00	
8,800.0	90.00	0.00	7,269.0	1,673.4	287.9	1,673.4	0.00	0.00	
8,900.0	90.00	0.00	7,269.0	1,773.4	287.9	1,773.4	0.00	0.00	
9,000.0	90.00	0.00	7,269.0	1,873.4	287.9	1,873.4	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 4894.0ft
Project:	DJ Wattenberg	MD Reference:	KB @ 4894.0ft
Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	North Reference:	True
Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1		

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
9,100.0	90.00	0.00	7,269.0	1,973.4	287.9	1,973.4	0.00	0.00	
9,200.0	90.00	0.00	7,269.0	2,073.4	287.9	2,073.4	0.00	0.00	
9,300.0	90.00	0.00	7,269.0	2,173.4	287.9	2,173.4	0.00	0.00	
9,400.0	90.00	0.00	7,269.0	2,273.4	287.9	2,273.4	0.00	0.00	
9,500.0	90.00	0.00	7,269.0	2,373.4	287.9	2,373.4	0.00	0.00	
9,600.0	90.00	0.00	7,269.0	2,473.4	287.9	2,473.4	0.00	0.00	
9,700.0	90.00	0.00	7,269.0	2,573.4	287.9	2,573.4	0.00	0.00	
9,800.0	90.00	0.00	7,269.0	2,673.4	287.9	2,673.4	0.00	0.00	
9,900.0	90.00	0.00	7,269.0	2,773.4	287.9	2,773.4	0.00	0.00	
10,000.0	90.00	0.00	7,269.0	2,873.4	287.9	2,873.4	0.00	0.00	
10,100.0	90.00	0.00	7,269.0	2,973.4	287.9	2,973.4	0.00	0.00	
10,200.0	90.00	0.00	7,269.0	3,073.4	287.9	3,073.4	0.00	0.00	
10,300.0	90.00	0.00	7,269.0	3,173.4	287.9	3,173.4	0.00	0.00	
10,400.0	90.00	0.00	7,269.0	3,273.4	287.9	3,273.4	0.00	0.00	
10,500.0	90.00	0.00	7,269.0	3,373.4	287.9	3,373.4	0.00	0.00	
10,600.0	90.00	0.00	7,269.0	3,473.4	287.9	3,473.4	0.00	0.00	
10,700.0	90.00	0.00	7,269.0	3,573.4	287.9	3,573.4	0.00	0.00	
10,800.0	90.00	0.00	7,269.0	3,673.4	287.9	3,673.4	0.00	0.00	
10,900.0	90.00	0.00	7,269.0	3,773.4	287.9	3,773.4	0.00	0.00	
11,000.0	90.00	0.00	7,269.0	3,873.4	287.9	3,873.4	0.00	0.00	
11,100.0	90.00	0.00	7,269.0	3,973.4	287.9	3,973.4	0.00	0.00	
11,200.0	90.00	0.00	7,269.0	4,073.4	287.9	4,073.4	0.00	0.00	
11,300.0	90.00	0.00	7,269.0	4,173.4	287.9	4,173.4	0.00	0.00	
11,400.0	90.00	0.00	7,269.0	4,273.4	287.9	4,273.4	0.00	0.00	
11,500.0	90.00	0.00	7,269.0	4,373.4	287.9	4,373.4	0.00	0.00	
11,600.0	90.00	0.00	7,269.0	4,473.4	287.9	4,473.4	0.00	0.00	
11,700.0	90.00	0.00	7,269.0	4,573.4	287.9	4,573.4	0.00	0.00	
11,800.0	90.00	0.00	7,269.0	4,673.4	287.9	4,673.4	0.00	0.00	
11,900.0	90.00	0.00	7,269.0	4,773.4	287.9	4,773.4	0.00	0.00	
12,000.0	90.00	0.00	7,269.0	4,873.4	287.9	4,873.4	0.00	0.00	
12,100.0	90.00	0.00	7,269.0	4,973.4	287.9	4,973.4	0.00	0.00	
12,200.0	90.00	0.00	7,269.0	5,073.4	287.9	5,073.4	0.00	0.00	
12,300.0	90.00	0.00	7,269.0	5,173.4	287.9	5,173.4	0.00	0.00	
12,400.0	90.00	0.00	7,269.0	5,273.4	287.9	5,273.4	0.00	0.00	
12,500.0	90.00	0.00	7,269.0	5,373.4	287.9	5,373.4	0.00	0.00	
12,600.0	90.00	0.00	7,269.0	5,473.4	287.9	5,473.4	0.00	0.00	
12,700.0	90.00	0.00	7,269.0	5,573.4	287.9	5,573.4	0.00	0.00	
12,800.0	90.00	0.00	7,269.0	5,673.4	287.9	5,673.4	0.00	0.00	
12,900.0	90.00	0.00	7,269.0	5,773.4	287.9	5,773.4	0.00	0.00	
13,000.0	90.00	0.00	7,269.0	5,873.4	287.9	5,873.4	0.00	0.00	
13,100.0	90.00	0.00	7,269.0	5,973.4	287.9	5,973.4	0.00	0.00	
13,200.0	90.00	0.00	7,269.0	6,073.4	287.9	6,073.4	0.00	0.00	
13,300.0	90.00	0.00	7,269.0	6,173.4	287.9	6,173.4	0.00	0.00	
13,323.1	90.00	0.00	7,269.0	6,196.4	287.9	6,196.4	0.00	0.00	TD at 13323.1 - Grant Salisbury 2F-14H-C268 f

Cathedral Energy Services

Planning Report

Database: USA EDM 5000 Multi Users DB	Local Co-ordinate Reference: Well Grant Salisbury 2F-14H-C268
Company: EnCana Oil & Gas (USA) Inc	TVD Reference: KB @ 4894.0ft
Project: DJ Wattenberg	MD Reference: KB @ 4894.0ft
Site: S14-T2N-R68W (Grant Elmquist/Salisbury)	North Reference: True
Well: Grant Salisbury 2F-14H-C268	Survey Calculation Method: Minimum Curvature
Wellbore: Hz	
Design: Plan #1	

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Grant Salisbury 2F-14H- - plan hits target center - Point	0.00	0.00	7,269.0	6,196.4	287.9	1,301,335.26	3,147,396.42	40.159350	-104.972660

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
194.0	194.0	Fox Hills - BASE				
4,185.8	4,182.0	Sussex				
4,440.0	4,436.0	Sussex Marker				
4,733.4	4,729.0	Shannon				
6,199.9	6,194.0	Teepee Buttes (*if present)				
7,090.7	7,055.0	Sharon Springs				
7,223.6	7,148.0	Niobrara				
7,294.5	7,188.0	B Chalk				
7,345.2	7,212.0	B Marl				
7,495.8	7,259.0	C Chalk				

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(ft)	(ft)	+N/-S	+E/-W		
		(ft)	(ft)		
600.0	600.0	0.0	0.0	KOP @ 600'	
733.0	732.9	-1.1	2.9	EOB; Inc=2.66°	
6,693.9	6,687.4	-96.4	262.5	Start build/turn @ 6693' MD	
7,603.1	7,269.0	476.4	287.9	LP @ 7269' TVD; 90°	
13,323.1	7,269.0	6,196.4	287.9	TD at 13323.1	

EnCana Oil & Gas (USA) Inc

DJ Wattenberg

S14-T2N-R68W (Grant Elmquist/Salisbury)

Grant Salisbury 2F-14H-C268

Hz

Plan #1

Anticollision Report

08 May, 2013

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Reference	Plan #1		
Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	MD Interval 100.0ft	Error Model:	Systematic Ellipse
Depth Range:	Unlimited	Scan Method:	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 500.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program		Date	5/8/2013		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	13,323.1	Plan #1 (Hz)	MWD	Geolink MWD	

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Summary

Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Offset Well - Wellbore - Design						
S14-T2N-R68W (Grant Elmquist/Salisbury)						
BERGER 32-23 (EXISTING) - EXISTING - NO SURVEY						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
GRANT 23-11 (EXISTING) - EXISTING - SURVEYS	10,343.1	7,568.2	132.0	44.9	1.516	CC, ES, SF
GRANT 2-8-11 (EXISTING) - EXISTING - SURVEYS						Out of range
GRANT 3-6-11 (EXISTING) - EXISTING - SURVEYS						Out of range
Grant Elmquist 2A-14H-C268 - Hz - Plan #1						Out of range
Grant Elmquist 2B-14H-C268 - Hz - Plan #1						Out of range
Grant Elmquist 2C-14H-C268 - Hz - Plan #1						Out of range
Grant Elmquist 2D-14H-C268 - Hz - Plan #1						Out of range
Grant Elmquist 2E-14H-C268 - Hz - Plan #1	7,308.3	7,793.7	181.8	153.3	6.397	CC, ES, SF
Grant Elmquist 2F-14H-C268 - Hz - Plan #1	7,973.5	7,332.5	342.9	308.6	10.014	CC, ES
Grant Elmquist 2F-14H-C268 - Hz - Plan #1	8,000.0	7,314.2	343.4	308.8	9.927	SF
Grant Elmquist 2G-14H-C268 - Hz - Plan #1						Out of range
Grant Salisbury 2A-14H-C268 - Hz - Plan #1	200.0	200.0	47.5	46.9	72.810	CC, ES
Grant Salisbury 2A-14H-C268 - Hz - Plan #1	600.0	591.0	74.8	72.7	34.342	SF
Grant Salisbury 2B-14H-C268 - Hz - Plan #1	300.0	300.0	39.1	38.1	39.069	CC, ES
Grant Salisbury 2B-14H-C268 - Hz - Plan #1	600.0	594.9	54.6	52.5	26.024	SF
Grant Salisbury 2C-14H-C268 - Hz - Plan #1	400.0	400.0	28.0	26.6	20.695	CC, ES
Grant Salisbury 2C-14H-C268 - Hz - Plan #1	600.0	597.8	34.8	32.8	16.904	SF
Grant Salisbury 2D-14H-C268 - Hz - Plan #1	400.0	400.0	19.6	18.2	14.487	CC, ES
Grant Salisbury 2D-14H-C268 - Hz - Plan #1	500.0	499.3	21.3	19.6	12.506	SF
Grant Salisbury 2E-14H-C268 - Hz - Plan #1	600.0	600.0	8.4	6.3	4.093	CC, ES
Grant Salisbury 2E-14H-C268 - Hz - Plan #1	13,323.1	13,253.7	355.6	137.3	1.629	SF
HSR-BEAR 13-14A (EXISTING) - EXISTING - SURVEYS						Out of range
HURT 33-11 (EXISTING) - EXISTING - NO SURVEY						Out of range
HURT 34-11 (EXISTING) - EXISTING - SURVEYS						Out of range
HURT 43-11 (EXISTING) - EXISTING - SURVEYS						Out of range
HURT 7-8-11 (EXISTING) - EXISTING - SURVEYS						Out of range
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
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	600.0	593.0	307.3	305.3	149.207	CC, ES
OLANDER 2 (EXISTING) - EXISTING - NO SURVEYS	4,800.0	4,788.6	496.3	479.5	29.679	SF
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

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 42-MWD													Offset Well Error:		0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury) - GRANT 23-11 (EXISTING) - EXISTING - SURVEYS															
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)					
9,900.0	7,269.0	7,564.9	7,251.4	52.0	35.3	-87.62	3,216.5	155.9	462.4	382.9	79.50	5.816			
10,000.0	7,269.0	7,565.6	7,252.1	53.7	35.3	-87.93	3,216.5	155.9	367.7	286.4	81.22	4.527			
10,100.0	7,269.0	7,566.4	7,252.9	55.4	35.3	-88.25	3,216.5	155.9	276.7	193.7	82.94	3.336			
10,200.0	7,269.0	7,567.1	7,253.6	57.1	35.3	-88.57	3,216.5	155.9	194.8	110.1	84.66	2.300			
10,300.0	7,269.0	7,567.8	7,254.4	58.8	35.3	-88.89	3,216.5	155.9	138.9	52.5	86.38	1.608			
10,343.1	7,269.0	7,568.2	7,254.7	59.6	35.3	-89.03	3,216.5	155.9	132.0	44.9	87.12	1.516	CC, ES, SF		
10,400.0	7,269.0	7,568.6	7,255.1	60.6	35.3	-89.22	3,216.5	155.8	143.8	55.7	88.10	1.632			
10,500.0	7,269.0	7,569.4	7,255.9	62.3	35.3	-89.55	3,216.5	155.8	205.0	115.2	89.82	2.283			
10,600.0	7,269.0	7,570.1	7,256.6	64.0	35.3	-89.89	3,216.5	155.8	288.8	197.3	91.54	3.155			
10,700.0	7,269.0	7,570.9	7,257.4	65.7	35.3	-90.23	3,216.5	155.8	380.5	287.2	93.26	4.080			
10,800.0	7,269.0	7,571.7	7,258.2	67.4	35.3	-90.57	3,216.6	155.8	475.5	380.6	94.98	5.007			

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Elmquist 2E-14H-C268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-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		
6,800.0	6,793.0	8,076.6	7,200.0	12.8	18.3	-124.18	-86.9	100.5	439.8	409.4	30.37	14.483		
6,900.0	6,889.5	8,051.2	7,200.0	13.0	18.0	-126.05	-61.5	100.7	354.3	324.6	29.73	11.919		
7,000.0	6,980.1	8,009.5	7,200.0	13.1	17.5	-124.49	-19.8	101.1	280.5	251.6	28.94	9.694		
7,100.0	7,062.2	7,952.6	7,200.0	13.3	16.9	-117.98	37.1	101.6	224.6	196.1	28.41	7.903		
7,200.0	7,133.1	7,882.3	7,200.0	13.7	16.1	-106.82	107.4	102.2	191.8	163.5	28.34	6.768		
7,300.0	7,190.8	7,800.8	7,200.0	14.1	15.3	-93.00	188.9	102.9	181.8	153.4	28.41	6.400		
7,308.3	7,194.9	7,793.7	7,200.0	14.2	15.3	-91.85	196.1	103.0	181.8	153.3	28.41	6.397	CC, ES, SF	
7,400.0	7,233.4	7,710.5	7,200.0	14.8	14.6	-80.40	279.2	103.7	185.7	157.6	28.10	6.607		
7,500.0	7,259.8	7,614.2	7,200.0	15.6	13.9	-72.17	375.5	104.5	192.5	164.8	27.63	6.965		
7,600.0	7,269.0	7,518.3	7,199.3	16.6	13.4	-69.11	471.4	105.4	195.4	167.7	27.64	7.070		
7,700.0	7,269.0	7,431.1	7,188.5	17.7	13.1	-66.13	557.8	105.9	199.6	171.6	28.02	7.122		
7,800.0	7,269.0	7,350.0	7,166.7	18.9	13.0	-60.62	635.9	106.2	211.9	183.8	28.10	7.539		
7,900.0	7,269.0	7,274.4	7,136.7	20.2	13.1	-53.93	705.2	106.2	234.8	207.0	27.81	8.445		
8,000.0	7,269.0	7,208.6	7,103.3	21.6	13.2	-47.66	761.9	106.1	270.0	242.7	27.32	9.884		
8,100.0	7,269.0	7,150.0	7,068.4	23.0	13.3	-42.22	808.9	105.8	317.0	290.2	26.77	11.839		
8,200.0	7,269.0	7,100.0	7,034.8	24.4	13.4	-37.91	845.9	105.5	373.9	347.6	26.34	14.197		
8,300.0	7,269.0	7,060.4	7,006.1	25.9	13.6	-34.79	873.1	105.2	438.9	412.8	26.14	16.792		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Elmquist 2F-14H-C268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-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		
7,100.0	7,062.2	8,194.4	7,410.0	13.3	20.5	120.81	30.6	634.5	497.5	471.4	26.07	19.084		
7,200.0	7,133.1	8,124.2	7,410.0	13.7	19.9	120.24	100.9	635.5	449.1	423.2	25.95	17.310		
7,300.0	7,190.8	8,042.6	7,410.0	14.1	19.3	118.00	182.4	636.7	414.9	388.7	26.12	15.881		
7,400.0	7,233.4	7,952.3	7,410.0	14.8	18.7	115.19	272.7	637.9	393.5	366.9	26.56	14.816		
7,500.0	7,259.8	7,856.0	7,410.0	15.6	18.2	112.84	369.0	639.3	382.5	355.4	27.12	14.104		
7,600.0	7,269.0	7,743.9	7,408.5	16.6	17.7	111.57	481.0	640.7	379.5	351.8	27.67	13.715		
7,700.0	7,269.0	7,606.2	7,382.3	17.7	17.5	107.83	615.9	640.0	372.4	343.4	28.94	12.869		
7,800.0	7,269.0	7,486.7	7,334.1	18.9	17.5	100.57	725.0	636.9	358.8	327.8	30.98	11.581		
7,900.0	7,269.0	7,390.0	7,279.4	20.2	17.6	91.72	804.4	632.7	346.4	313.4	33.03	10.487		
7,973.5	7,269.0	7,332.5	7,240.8	21.2	17.7	85.28	846.9	629.6	342.9	308.6	34.24	10.014 CC, ES		
8,000.0	7,269.0	7,314.2	7,227.7	21.6	17.7	83.08	859.6	628.5	343.4	308.8	34.59	9.927 SF		
8,100.0	7,269.0	7,255.2	7,182.6	23.0	17.8	75.61	897.5	624.7	355.9	320.3	35.63	9.989		
8,200.0	7,269.0	7,208.8	7,144.6	24.4	17.9	69.54	923.9	621.4	386.1	349.7	36.33	10.626		
8,300.0	7,269.0	7,171.8	7,112.9	25.9	18.0	64.73	942.7	618.6	432.4	395.5	36.88	11.725		
8,400.0	7,269.0	7,150.0	7,093.6	27.4	18.0	61.94	952.8	616.9	491.7	454.1	37.63	13.065		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2A-14H-C268 - Hz - Plan #1													Offset Site Error:	0.0 ft	
Survey Program: 0-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	-47.5	47.5						
100.0	100.0	100.0	100.0	0.2	0.2	-90.00	0.0	-47.5	47.5	47.2	0.30	156.499			
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-47.5	47.5	46.9	0.65	72.810 CC, ES			
300.0	300.0	298.3	298.3	0.5	0.5	-90.12	-0.1	-49.2	49.2	48.2	1.00	49.130			
400.0	400.0	396.4	396.3	0.7	0.7	-90.42	-0.4	-54.2	54.4	53.0	1.37	39.800			
500.0	500.0	494.1	493.6	0.8	0.9	-90.82	-0.9	-62.6	62.9	61.2	1.76	35.835			
600.0	600.0	591.0	589.8	1.0	1.2	-91.23	-1.6	-74.1	74.8	72.7	2.18	34.342 SF			
700.0	700.0	686.8	684.5	1.2	1.5	158.51	-2.5	-88.7	91.7	89.3	2.37	38.638			
800.0	799.9	780.9	776.9	1.4	1.8	158.92	-3.5	-106.1	114.3	111.6	2.71	42.155			
900.0	899.8	873.8	867.6	1.6	2.2	159.18	-4.7	-126.3	140.2	137.1	3.05	45.995			
1,000.0	999.7	969.5	960.7	1.7	2.6	159.34	-6.0	-148.5	167.6	164.3	3.39	49.464			
1,100.0	1,099.6	1,065.6	1,054.2	1.9	3.0	159.46	-7.4	-170.9	195.1	191.4	3.73	52.285			
1,200.0	1,199.4	1,161.8	1,147.7	2.1	3.4	159.54	-8.7	-193.3	222.6	218.5	4.07	54.630			
1,300.0	1,299.3	1,257.9	1,241.2	2.3	3.9	159.61	-10.0	-215.6	250.1	245.7	4.42	56.610			
1,400.0	1,399.2	1,354.1	1,334.7	2.5	4.3	159.67	-11.4	-238.0	277.5	272.8	4.76	58.304			
1,500.0	1,499.1	1,450.2	1,428.2	2.7	4.7	159.71	-12.7	-260.4	305.0	299.9	5.10	59.769			
1,600.0	1,599.0	1,546.4	1,521.7	2.9	5.2	159.75	-14.0	-282.7	332.5	327.1	5.45	61.050			
1,700.0	1,698.9	1,642.5	1,615.2	3.1	5.6	159.78	-15.4	-305.1	360.0	354.2	5.79	62.178			
1,800.0	1,798.8	1,738.7	1,708.7	3.3	6.0	159.81	-16.7	-327.5	387.5	381.3	6.13	63.180			
1,900.0	1,898.7	1,834.8	1,802.2	3.5	6.4	159.83	-18.0	-349.8	414.9	408.5	6.48	64.075			
2,000.0	1,998.6	1,931.0	1,895.7	3.6	6.9	159.85	-19.4	-372.2	442.4	435.6	6.82	64.880			
2,100.0	2,098.5	2,027.1	1,989.2	3.8	7.3	159.87	-20.7	-394.6	469.9	462.7	7.16	65.608			
2,200.0	2,198.4	2,123.3	2,082.7	4.0	7.7	159.89	-22.0	-416.9	497.4	489.9	7.51	66.269			

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2B-14H-C268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-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	-90.00	0.0	-39.1	39.1					
100.0	100.0	100.0	100.0	0.2	0.2	-90.00	0.0	-39.1	39.1	38.8	0.30	128.881		
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-39.1	39.1	38.5	0.65	59.961		
300.0	300.0	300.0	300.0	0.5	0.5	-90.00	0.0	-39.1	39.1	38.1	1.00	39.069	CC, ES	
400.0	400.0	398.6	398.6	0.7	0.7	-90.20	-0.1	-40.8	40.9	39.5	1.35	30.241		
500.0	500.0	497.0	496.8	0.8	0.9	-90.70	-0.6	-45.9	46.0	44.3	1.71	26.865		
600.0	600.0	594.9	594.4	1.0	1.1	-91.33	-1.3	-54.3	54.6	52.5	2.10	26.024	SF	
700.0	700.0	691.9	690.7	1.2	1.3	158.34	-2.2	-65.8	68.1	65.7	2.38	28.582		
800.0	799.9	787.5	785.1	1.4	1.6	158.78	-3.4	-80.4	87.5	84.7	2.72	32.107		
900.0	899.8	883.9	880.0	1.6	1.9	159.04	-4.9	-97.6	109.5	106.5	3.07	35.708		
1,000.0	999.7	981.4	975.9	1.7	2.3	159.20	-6.3	-115.1	131.8	128.4	3.41	38.618		
1,100.0	1,099.6	1,078.9	1,071.8	1.9	2.6	159.32	-7.8	-132.7	154.1	150.3	3.76	40.991		
1,200.0	1,199.4	1,176.4	1,167.7	2.1	2.9	159.41	-9.2	-150.2	176.4	172.3	4.10	42.963		
1,300.0	1,299.3	1,273.9	1,263.6	2.3	3.3	159.47	-10.7	-167.8	198.6	194.2	4.45	44.627		
1,400.0	1,399.2	1,371.4	1,359.4	2.5	3.6	159.53	-12.1	-185.3	220.9	216.1	4.80	46.050		
1,500.0	1,499.1	1,468.9	1,455.3	2.7	4.0	159.57	-13.6	-202.9	243.2	238.0	5.14	47.280		
1,600.0	1,599.0	1,566.3	1,551.2	2.9	4.3	159.61	-15.1	-220.5	265.5	260.0	5.49	48.355		
1,700.0	1,698.9	1,663.8	1,647.1	3.1	4.7	159.64	-16.5	-238.0	287.7	281.9	5.84	49.302		
1,800.0	1,798.8	1,761.3	1,743.0	3.3	5.0	159.67	-18.0	-255.6	310.0	303.8	6.18	50.142		
1,900.0	1,898.7	1,858.8	1,838.8	3.5	5.4	159.69	-19.4	-273.1	332.3	325.8	6.53	50.893		
2,000.0	1,998.6	1,956.3	1,934.7	3.6	5.7	159.71	-20.9	-290.7	354.6	347.7	6.88	51.568		
2,100.0	2,098.5	2,053.8	2,030.6	3.8	6.1	159.73	-22.4	-308.3	376.9	369.6	7.22	52.178		
2,200.0	2,198.4	2,151.3	2,126.5	4.0	6.4	159.74	-23.8	-325.8	399.1	391.6	7.57	52.732		
2,300.0	2,298.3	2,248.7	2,222.4	4.2	6.8	159.76	-25.3	-343.4	421.4	413.5	7.92	53.237		
2,400.0	2,398.2	2,346.2	2,318.3	4.4	7.1	159.77	-26.7	-360.9	443.7	435.4	8.26	53.700		
2,500.0	2,498.0	2,443.7	2,414.1	4.6	7.5	159.78	-28.2	-378.5	466.0	457.4	8.61	54.126		
2,600.0	2,597.9	2,541.2	2,510.0	4.8	7.9	159.79	-29.7	-396.0	488.2	479.3	8.96	54.518		

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft	
Survey Program: 0-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		
0.0	0.0	0.0	0.0	0.0	0.0	-90.00	0.0	-28.0	28.0						
100.0	100.0	100.0	100.0	0.2	0.2	-90.00	0.0	-28.0	28.0	27.7	0.30	92.058			
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-28.0	28.0	27.3	0.65	42.829			
300.0	300.0	300.0	300.0	0.5	0.5	-90.00	0.0	-28.0	28.0	27.0	1.00	27.906			
400.0	400.0	400.0	400.0	0.7	0.7	-90.00	0.0	-28.0	28.0	26.6	1.35	20.695 CC, ES			
500.0	500.0	499.0	499.0	0.8	0.8	-90.40	-0.2	-29.7	29.7	28.0	1.70	17.452			
600.0	600.0	597.8	597.6	1.0	1.0	-91.36	-0.8	-34.7	34.8	32.8	2.06	16.904 SF			
700.0	700.0	695.9	695.4	1.2	1.2	158.15	-1.8	-43.1	45.0	42.6	2.39	18.828			
800.0	799.9	793.6	792.4	1.4	1.5	158.65	-3.2	-54.5	60.8	58.1	2.74	22.225			
900.0	899.8	892.2	890.3	1.6	1.7	158.97	-4.7	-66.6	77.4	74.3	3.08	25.098			
1,000.0	999.7	990.8	988.1	1.7	2.0	159.18	-6.2	-78.7	94.0	90.5	3.43	27.386			
1,100.0	1,099.6	1,089.4	1,086.0	1.9	2.2	159.32	-7.6	-90.8	110.6	106.8	3.78	29.250			
1,200.0	1,199.4	1,188.1	1,183.8	2.1	2.5	159.43	-9.1	-103.0	127.2	123.0	4.13	30.799			
1,300.0	1,299.3	1,286.7	1,281.7	2.3	2.8	159.51	-10.6	-115.1	143.8	139.3	4.48	32.105			
1,400.0	1,399.2	1,385.3	1,379.5	2.5	3.0	159.58	-12.1	-127.2	160.3	155.5	4.83	33.221			
1,500.0	1,499.1	1,483.9	1,477.4	2.7	3.3	159.63	-13.5	-139.3	176.9	171.8	5.18	34.187			
1,600.0	1,599.0	1,582.5	1,575.2	2.9	3.6	159.68	-15.0	-151.4	193.5	188.0	5.52	35.030			
1,700.0	1,698.9	1,681.1	1,673.1	3.1	3.8	159.71	-16.5	-163.5	210.1	204.3	5.87	35.772			
1,800.0	1,798.8	1,779.7	1,771.0	3.3	4.1	159.74	-17.9	-175.6	226.7	220.5	6.22	36.431			
1,900.0	1,898.7	1,878.4	1,868.8	3.5	4.4	159.77	-19.4	-187.7	243.3	236.7	6.57	37.020			
2,000.0	1,998.6	1,977.0	1,966.7	3.6	4.7	159.80	-20.9	-199.9	259.9	253.0	6.92	37.548			
2,100.0	2,098.5	2,075.6	2,064.5	3.8	4.9	159.82	-22.4	-212.0	276.5	269.2	7.27	38.026			
2,200.0	2,198.4	2,174.2	2,162.4	4.0	5.2	159.83	-23.8	-224.1	293.1	285.5	7.62	38.460			
2,300.0	2,298.3	2,272.8	2,260.2	4.2	5.5	159.85	-25.3	-236.2	309.7	301.7	7.97	38.856			
2,400.0	2,398.2	2,371.4	2,358.1	4.4	5.7	159.87	-26.8	-248.3	326.3	318.0	8.32	39.219			
2,500.0	2,498.0	2,470.0	2,455.9	4.6	6.0	159.88	-28.2	-260.4	342.9	334.2	8.67	39.552			
2,600.0	2,597.9	2,568.6	2,553.8	4.8	6.3	159.89	-29.7	-272.5	359.5	350.5	9.02	39.859			
2,700.0	2,697.8	2,667.3	2,651.7	5.0	6.6	159.90	-31.2	-284.6	376.1	366.7	9.37	40.143			
2,800.0	2,797.7	2,765.9	2,749.5	5.2	6.8	159.91	-32.7	-296.8	392.7	382.9	9.72	40.407			
2,900.0	2,897.6	2,864.5	2,847.4	5.4	7.1	159.92	-34.1	-308.9	409.3	399.2	10.07	40.653			
3,000.0	2,997.5	2,963.1	2,945.2	5.6	7.4	159.93	-35.6	-321.0	425.8	415.4	10.42	40.882			
3,100.0	3,097.4	3,061.7	3,043.1	5.7	7.7	159.94	-37.1	-333.1	442.4	431.7	10.77	41.096			
3,200.0	3,197.3	3,160.3	3,140.9	5.9	7.9	159.95	-38.5	-345.2	459.0	447.9	11.12	41.296			
3,300.0	3,297.2	3,258.9	3,238.8	6.1	8.2	159.95	-40.0	-357.3	475.6	464.2	11.47	41.484			
3,400.0	3,397.1	3,357.6	3,336.6	6.3	8.5	159.96	-41.5	-369.4	492.2	480.4	11.81	41.662			

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2D-14H-C268 - Hz - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-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	-19.6	19.6					
100.0	100.0	100.0	100.0	0.2	0.2	-90.00	0.0	-19.6	19.6	19.3	0.30	64.441		
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-19.6	19.6	18.9	0.65	29.980		
300.0	300.0	300.0	300.0	0.5	0.5	-90.00	0.0	-19.6	19.6	18.6	1.00	19.534		
400.0	400.0	400.0	400.0	0.7	0.7	-90.00	0.0	-19.6	19.6	18.2	1.35	14.487 CC, ES		
500.0	500.0	499.3	499.3	0.8	0.9	-90.93	-0.3	-21.3	21.3	19.6	1.70	12.506 SF		
600.0	600.0	598.4	598.2	1.0	1.0	-92.99	-1.4	-26.3	26.4	24.3	2.06	12.794		
700.0	700.0	697.9	697.4	1.2	1.2	156.12	-2.8	-33.4	35.2	32.8	2.39	14.707		
800.0	799.9	797.2	796.5	1.4	1.4	157.08	-4.3	-40.5	46.5	43.8	2.74	16.963		
900.0	899.8	896.5	895.6	1.6	1.6	157.75	-5.7	-47.7	58.0	54.9	3.09	18.762		
1,000.0	999.7	995.9	994.7	1.7	1.9	158.20	-7.2	-54.8	69.5	66.1	3.44	20.194		
1,100.0	1,099.6	1,095.2	1,093.7	1.9	2.1	158.52	-8.7	-61.9	81.0	77.2	3.79	21.362		
1,200.0	1,199.4	1,194.5	1,192.8	2.1	2.3	158.76	-10.1	-69.0	92.5	88.4	4.14	22.331		
1,300.0	1,299.3	1,293.9	1,291.9	2.3	2.5	158.95	-11.6	-76.2	104.0	99.5	4.49	23.149		
1,400.0	1,399.2	1,393.2	1,390.9	2.5	2.7	159.10	-13.0	-83.3	115.5	110.7	4.84	23.848		
1,500.0	1,499.1	1,492.6	1,490.0	2.7	2.9	159.23	-14.5	-90.4	127.0	121.9	5.20	24.452		
1,600.0	1,599.0	1,591.9	1,589.1	2.9	3.1	159.33	-15.9	-97.5	138.6	133.0	5.55	24.980		
1,700.0	1,698.9	1,691.2	1,688.1	3.1	3.3	159.42	-17.4	-104.7	150.1	144.2	5.90	25.444		
1,800.0	1,798.8	1,790.6	1,787.2	3.3	3.5	159.49	-18.8	-111.8	161.6	155.3	6.25	25.857		
1,900.0	1,898.7	1,889.9	1,886.3	3.5	3.8	159.56	-20.3	-118.9	173.1	166.5	6.60	26.225		
2,000.0	1,998.6	1,989.2	1,985.3	3.6	4.0	159.61	-21.8	-126.0	184.6	177.6	6.95	26.556		
2,100.0	2,098.5	2,088.6	2,084.4	3.8	4.2	159.66	-23.2	-133.2	196.1	188.8	7.30	26.855		
2,200.0	2,198.4	2,187.9	2,183.5	4.0	4.4	159.71	-24.7	-140.3	207.6	200.0	7.65	27.127		
2,300.0	2,298.3	2,287.2	2,282.5	4.2	4.6	159.75	-26.1	-147.4	219.1	211.1	8.00	27.374		
2,400.0	2,398.2	2,386.6	2,381.6	4.4	4.8	159.78	-27.6	-154.5	230.6	222.3	8.36	27.601		
2,500.0	2,498.0	2,485.9	2,480.7	4.6	5.0	159.82	-29.0	-161.7	242.1	233.4	8.71	27.810		
2,600.0	2,597.9	2,585.2	2,579.8	4.8	5.3	159.84	-30.5	-168.8	253.7	244.6	9.06	28.002		
2,700.0	2,697.8	2,684.6	2,678.8	5.0	5.5	159.87	-31.9	-175.9	265.2	255.8	9.41	28.180		
2,800.0	2,797.7	2,783.9	2,777.9	5.2	5.7	159.90	-33.4	-183.0	276.7	266.9	9.76	28.345		
2,900.0	2,897.6	2,883.2	2,877.0	5.4	5.9	159.92	-34.9	-190.2	288.2	278.1	10.11	28.498		
3,000.0	2,997.5	2,982.6	2,976.0	5.6	6.1	159.94	-36.3	-197.3	299.7	289.2	10.46	28.642		
3,100.0	3,097.4	3,081.9	3,075.1	5.7	6.3	159.96	-37.8	-204.4	311.2	300.4	10.81	28.775		
3,200.0	3,197.3	3,181.3	3,174.2	5.9	6.5	159.98	-39.2	-211.5	322.7	311.5	11.17	28.901		
3,300.0	3,297.2	3,280.6	3,273.2	6.1	6.8	159.99	-40.7	-218.7	334.2	322.7	11.52	29.019		
3,400.0	3,397.1	3,379.9	3,372.3	6.3	7.0	160.01	-42.1	-225.8	345.7	333.9	11.87	29.129		
3,500.0	3,497.0	3,479.3	3,471.4	6.5	7.2	160.02	-43.6	-232.9	357.2	345.0	12.22	29.234		
3,600.0	3,596.9	3,578.6	3,570.4	6.7	7.4	160.04	-45.0	-240.0	368.8	356.2	12.57	29.332		
3,700.0	3,696.8	3,677.9	3,669.5	6.9	7.6	160.05	-46.5	-247.2	380.3	367.3	12.92	29.426		
3,800.0	3,796.6	3,777.3	3,768.6	7.1	7.8	160.06	-48.0	-254.3	391.8	378.5	13.27	29.514		
3,900.0	3,896.5	3,876.6	3,867.6	7.3	8.0	160.08	-49.4	-261.4	403.3	389.7	13.63	29.598		
4,000.0	3,996.4	3,975.9	3,966.7	7.5	8.3	160.09	-50.9	-268.5	414.8	400.8	13.98	29.677		
4,100.0	4,096.3	4,075.3	4,065.8	7.7	8.5	160.10	-52.3	-275.7	426.3	412.0	14.33	29.753		
4,200.0	4,196.2	4,174.6	4,164.9	7.9	8.7	160.11	-53.8	-282.8	437.8	423.1	14.68	29.825		
4,300.0	4,296.1	4,273.9	4,263.9	8.1	8.9	160.12	-55.2	-289.9	449.3	434.3	15.03	29.893		
4,400.0	4,396.0	4,373.3	4,363.0	8.2	9.1	160.12	-56.7	-297.0	460.8	445.5	15.38	29.959		
4,500.0	4,495.9	4,472.6	4,462.1	8.4	9.3	160.13	-58.1	-304.2	472.4	456.6	15.73	30.021		
4,600.0	4,595.8	4,571.9	4,561.1	8.6	9.5	160.14	-59.6	-311.3	483.9	467.8	16.09	30.081		
4,700.0	4,695.7	4,671.3	4,660.2	8.8	9.8	160.15	-61.1	-318.4	495.4	478.9	16.44	30.138		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2E-14H-C268 - Hz - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-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	0.2	0.2	-90.00	0.0	-8.4	8.4	8.1	0.30	27.617		
200.0	200.0	200.0	200.0	0.3	0.3	-90.00	0.0	-8.4	8.4	7.7	0.65	12.849		
300.0	300.0	300.0	300.0	0.5	0.5	-90.00	0.0	-8.4	8.4	7.4	1.00	8.372		
400.0	400.0	400.0	400.0	0.7	0.7	-90.00	0.0	-8.4	8.4	7.0	1.35	6.209		
500.0	500.0	500.0	500.0	0.8	0.8	-90.00	0.0	-8.4	8.4	6.7	1.70	4.934		
600.0	600.0	600.0	600.0	1.0	1.0	-90.00	0.0	-8.4	8.4	6.3	2.05	4.093 CC, ES		
700.0	700.0	700.0	700.0	1.2	1.2	163.25	0.0	-8.4	10.0	7.6	2.40	4.189		
800.0	799.9	799.9	799.9	1.4	1.4	168.37	0.0	-8.4	14.4	11.6	2.75	5.231		
900.0	899.8	899.8	899.8	1.6	1.5	171.20	0.0	-8.4	18.9	15.8	3.09	6.118		
1,000.0	999.7	999.7	999.7	1.7	1.7	172.93	0.0	-8.4	23.5	20.1	3.44	6.833		
1,100.0	1,099.6	1,099.6	1,099.6	1.9	1.9	174.09	0.0	-8.4	28.1	24.3	3.79	7.420		
1,200.0	1,199.4	1,199.4	1,199.4	2.1	2.1	174.93	0.0	-8.4	32.8	28.6	4.14	7.910		
1,300.0	1,299.3	1,299.3	1,299.3	2.3	2.2	175.56	0.0	-8.4	37.4	32.9	4.49	8.326		
1,400.0	1,399.2	1,399.2	1,399.2	2.5	2.4	176.05	0.0	-8.4	42.0	37.2	4.84	8.682		
1,500.0	1,499.1	1,499.1	1,499.1	2.7	2.6	176.44	0.0	-8.4	46.6	41.5	5.19	8.991		
1,600.0	1,599.0	1,599.0	1,599.0	2.9	2.8	176.76	0.0	-8.4	51.3	45.7	5.54	9.261		
1,700.0	1,698.9	1,698.9	1,698.9	3.1	2.9	177.03	0.0	-8.4	55.9	50.0	5.89	9.499		
1,800.0	1,798.8	1,798.8	1,798.8	3.3	3.1	177.26	0.0	-8.4	60.5	54.3	6.23	9.711		
1,900.0	1,898.7	1,898.7	1,898.7	3.5	3.3	177.45	0.0	-8.4	65.2	58.6	6.58	9.901		
2,000.0	1,998.6	1,998.6	1,998.6	3.6	3.5	177.62	0.0	-8.4	69.8	62.9	6.93	10.072		
2,100.0	2,098.5	2,098.5	2,098.5	3.8	3.6	177.77	0.0	-8.4	74.4	67.2	7.28	10.226		
2,200.0	2,198.4	2,198.4	2,198.4	4.0	3.8	177.90	0.0	-8.4	79.1	71.5	7.63	10.366		
2,300.0	2,298.3	2,298.3	2,298.3	4.2	4.0	178.02	0.0	-8.4	83.7	75.7	7.98	10.494		
2,400.0	2,398.2	2,398.2	2,398.2	4.4	4.2	178.12	0.0	-8.4	88.4	80.0	8.33	10.612		
2,500.0	2,498.0	2,498.0	2,498.0	4.6	4.3	178.22	0.0	-8.4	93.0	84.3	8.68	10.719		
2,600.0	2,597.9	2,597.9	2,597.9	4.8	4.5	178.30	0.0	-8.4	97.6	88.6	9.02	10.819		
2,700.0	2,697.8	2,697.8	2,697.8	5.0	4.7	178.38	0.0	-8.4	102.3	92.9	9.37	10.911		
2,800.0	2,797.7	2,797.7	2,797.7	5.2	4.9	178.45	0.0	-8.4	106.9	97.2	9.72	10.997		
2,900.0	2,897.6	2,897.6	2,897.6	5.4	5.0	178.51	0.0	-8.4	111.5	101.5	10.07	11.077		
3,000.0	2,997.5	2,997.5	2,997.5	5.6	5.2	178.57	0.0	-8.4	116.2	105.8	10.42	11.151		
3,100.0	3,097.4	3,097.4	3,097.4	5.7	5.4	178.63	0.0	-8.4	120.8	110.1	10.77	11.221		
3,200.0	3,197.3	3,197.3	3,197.3	5.9	5.6	178.68	0.0	-8.4	125.5	114.3	11.12	11.286		
3,300.0	3,297.2	3,297.2	3,297.2	6.1	5.7	178.72	0.0	-8.4	130.1	118.6	11.47	11.347		
3,400.0	3,397.1	3,397.1	3,397.1	6.3	5.9	178.77	0.0	-8.4	134.7	122.9	11.81	11.405		
3,500.0	3,497.0	3,497.0	3,497.0	6.5	6.1	178.81	0.0	-8.4	139.4	127.2	12.16	11.459		
3,600.0	3,596.9	3,596.9	3,596.9	6.7	6.3	178.85	0.0	-8.4	144.0	131.5	12.51	11.511		
3,700.0	3,696.8	3,696.8	3,696.8	6.9	6.4	178.88	0.0	-8.4	148.7	135.8	12.86	11.559		
3,800.0	3,796.6	3,796.6	3,796.6	7.1	6.6	178.92	0.0	-8.4	153.3	140.1	13.21	11.605		
3,900.0	3,896.5	3,896.5	3,896.5	7.3	6.8	178.95	0.0	-8.4	157.9	144.4	13.56	11.649		
4,000.0	3,996.4	3,996.4	3,996.4	7.5	7.0	178.98	0.0	-8.4	162.6	148.7	13.91	11.690		
4,100.0	4,096.3	4,096.3	4,096.3	7.7	7.1	179.01	0.0	-8.4	167.2	153.0	14.26	11.730		
4,200.0	4,196.2	4,196.2	4,196.2	7.9	7.3	179.03	0.0	-8.4	171.9	157.3	14.60	11.767		
4,300.0	4,296.1	4,296.1	4,296.1	8.1	7.5	179.06	0.0	-8.4	176.5	161.5	14.95	11.803		
4,400.0	4,396.0	4,396.0	4,396.0	8.2	7.6	179.08	0.0	-8.4	181.1	165.8	15.30	11.837		
4,500.0	4,495.9	4,495.9	4,495.9	8.4	7.8	179.11	0.0	-8.4	185.8	170.1	15.65	11.870		
4,600.0	4,595.8	4,595.8	4,595.8	8.6	8.0	179.13	0.0	-8.4	190.4	174.4	16.00	11.901		
4,700.0	4,695.7	4,695.7	4,695.7	8.8	8.2	179.15	0.0	-8.4	195.1	178.7	16.35	11.931		
4,800.0	4,795.6	4,795.6	4,795.6	9.0	8.3	179.17	0.0	-8.4	199.7	183.0	16.70	11.959		
4,900.0	4,895.5	4,895.5	4,895.5	9.2	8.5	179.19	0.0	-8.4	204.3	187.3	17.05	11.987		
5,000.0	4,995.4	4,995.4	4,995.4	9.4	8.7	179.21	0.0	-8.4	209.0	191.6	17.40	12.013		
5,100.0	5,095.2	5,094.9	5,094.9	9.6	8.9	178.80	-1.5	-9.0	213.7	195.9	17.74	12.042		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2E-14H-C268 - Hz - Plan #1													Offset Site Error:	0.0 ft
Survey Program: 0-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)				
5,200.0	5,195.1	5,194.3	5,194.1	9.8	9.0	177.51	-6.1	-10.8	218.6	200.5	18.09	12.081		
5,300.0	5,295.0	5,293.9	5,293.5	10.0	9.2	175.82	-12.5	-13.3	223.8	205.4	18.45	12.131		
5,400.0	5,394.9	5,393.6	5,393.0	10.2	9.4	174.21	-18.8	-15.8	229.2	210.4	18.80	12.188		
5,500.0	5,494.8	5,493.2	5,492.4	10.4	9.6	172.67	-25.1	-18.3	234.8	215.6	19.16	12.250		
5,600.0	5,594.7	5,592.9	5,591.8	10.6	9.8	171.20	-31.5	-20.8	240.5	220.9	19.53	12.316		
5,700.0	5,694.6	5,692.5	5,691.2	10.7	9.9	169.80	-37.8	-23.4	246.3	226.5	19.89	12.387		
5,800.0	5,794.5	5,792.2	5,790.6	10.9	10.1	168.47	-44.2	-25.9	252.4	232.1	20.25	12.460		
5,900.0	5,894.4	5,891.8	5,890.0	11.1	10.3	167.20	-50.5	-28.4	258.5	237.9	20.62	12.537		
6,000.0	5,994.3	5,991.5	5,989.5	11.3	10.5	165.98	-56.8	-30.9	264.8	243.8	20.99	12.615		
6,100.0	6,094.2	6,091.1	6,088.9	11.5	10.7	164.83	-63.2	-33.4	271.1	249.8	21.36	12.696		
6,200.0	6,194.1	6,190.8	6,188.3	11.7	10.9	163.73	-69.5	-35.9	277.6	255.9	21.73	12.778		
6,300.0	6,294.0	6,290.4	6,287.7	11.9	11.1	162.68	-75.8	-38.4	284.2	262.1	22.10	12.861		
6,400.0	6,393.8	6,390.1	6,387.1	12.1	11.2	161.67	-82.2	-40.9	290.9	268.4	22.47	12.945		
6,500.0	6,493.7	6,489.7	6,486.5	12.3	11.4	160.72	-88.5	-43.4	297.6	274.8	22.84	13.030		
6,600.0	6,593.6	6,589.4	6,586.0	12.5	11.6	159.80	-94.9	-45.9	304.5	281.2	23.21	13.115		
6,700.0	6,693.5	6,689.0	6,685.4	12.7	11.8	173.48	-93.9	-48.4	311.3	287.8	23.55	13.223		
6,800.0	6,793.0	6,786.9	6,781.6	12.8	11.9	-101.58	-76.1	-50.9	318.4	294.6	23.80	13.381		
6,900.0	6,889.5	6,883.3	6,872.0	13.0	12.0	-92.16	-43.0	-53.1	325.6	301.5	24.04	13.542		
7,000.0	6,980.1	6,978.4	6,954.4	13.1	12.2	-87.77	4.1	-55.2	332.5	308.1	24.35	13.654		
7,100.0	7,062.2	7,072.2	7,027.1	13.3	12.4	-84.88	63.3	-57.1	338.9	314.1	24.80	13.664		
7,200.0	7,133.1	7,165.1	7,088.5	13.7	12.8	-82.77	132.8	-58.6	344.5	319.1	25.47	13.526		
7,300.0	7,190.8	7,257.3	7,137.6	14.1	13.3	-81.22	210.6	-59.8	349.2	322.8	26.42	13.216		
7,400.0	7,233.4	7,350.0	7,173.8	14.8	14.0	-80.15	295.9	-60.8	352.6	325.0	27.69	12.734		
7,500.0	7,259.8	7,439.9	7,195.4	15.6	14.8	-79.52	383.1	-61.3	354.8	325.5	29.26	12.124		
7,600.0	7,269.0	7,530.9	7,203.0	16.6	15.8	-79.30	473.7	-61.5	355.6	324.4	31.12	11.425		
7,700.0	7,269.0	7,630.6	7,203.0	17.7	16.9	-79.30	573.4	-61.5	355.6	322.2	33.40	10.644		
7,800.0	7,269.0	7,730.6	7,203.0	18.9	18.2	-79.30	673.4	-61.5	355.6	319.7	35.87	9.912		
7,900.0	7,269.0	7,830.6	7,203.0	20.2	19.5	-79.30	773.4	-61.5	355.6	317.1	38.49	9.238		
8,000.0	7,269.0	7,930.6	7,203.0	21.6	20.9	-79.30	873.4	-61.5	355.6	314.3	41.23	8.624		
8,100.0	7,269.0	8,030.6	7,203.0	23.0	22.3	-79.30	973.4	-61.5	355.6	311.5	44.07	8.068		
8,200.0	7,269.0	8,130.6	7,203.0	24.4	23.8	-79.30	1,073.4	-61.5	355.6	308.6	46.99	7.566		
8,300.0	7,269.0	8,230.6	7,203.0	25.9	25.4	-79.30	1,173.4	-61.5	355.6	305.6	49.98	7.114		
8,400.0	7,269.0	8,330.6	7,203.0	27.4	26.9	-79.30	1,273.4	-61.5	355.6	302.5	53.03	6.705		
8,500.0	7,269.0	8,430.6	7,203.0	29.0	28.5	-79.30	1,373.4	-61.5	355.6	299.4	56.12	6.336		
8,600.0	7,269.0	8,530.6	7,203.0	30.5	30.1	-79.30	1,473.4	-61.5	355.6	296.3	59.25	6.001		
8,700.0	7,269.0	8,630.6	7,203.0	32.1	31.7	-79.30	1,573.4	-61.5	355.6	293.1	62.41	5.697		
8,800.0	7,269.0	8,730.6	7,203.0	33.7	33.3	-79.30	1,673.4	-61.5	355.6	290.0	65.60	5.420		
8,900.0	7,269.0	8,830.6	7,203.0	35.4	34.9	-79.30	1,773.4	-61.5	355.6	286.7	68.82	5.166		
9,000.0	7,269.0	8,930.6	7,203.0	37.0	36.6	-79.30	1,873.4	-61.5	355.6	283.5	72.06	4.934		
9,100.0	7,269.0	9,030.6	7,203.0	38.6	38.2	-79.30	1,973.4	-61.5	355.6	280.2	75.32	4.721		
9,200.0	7,269.0	9,130.6	7,203.0	40.3	39.9	-79.30	2,073.4	-61.5	355.6	277.0	78.59	4.524		
9,300.0	7,269.0	9,230.6	7,203.0	41.9	41.6	-79.30	2,173.4	-61.5	355.6	273.7	81.88	4.342		
9,400.0	7,269.0	9,330.6	7,203.0	43.6	43.3	-79.30	2,273.4	-61.5	355.6	270.4	85.18	4.174		
9,500.0	7,269.0	9,430.6	7,203.0	45.3	44.9	-79.30	2,373.4	-61.5	355.6	267.1	88.49	4.018		
9,600.0	7,269.0	9,530.6	7,203.0	47.0	46.6	-79.30	2,473.4	-61.5	355.6	263.7	91.81	3.873		
9,700.0	7,269.0	9,630.6	7,203.0	48.6	48.3	-79.30	2,573.4	-61.5	355.6	260.4	95.14	3.737		
9,800.0	7,269.0	9,730.6	7,203.0	50.3	50.0	-79.30	2,673.4	-61.5	355.6	257.1	98.48	3.610		
9,900.0	7,269.0	9,830.6	7,203.0	52.0	51.7	-79.30	2,773.4	-61.5	355.6	253.7	101.83	3.492		
10,000.0	7,269.0	9,930.6	7,203.0	53.7	53.4	-79.30	2,873.4	-61.5	355.6	250.4	105.18	3.380		
10,100.0	7,269.0	10,030.6	7,203.0	55.4	55.2	-79.30	2,973.4	-61.5	355.6	247.0	108.54	3.276		
10,200.0	7,269.0	10,130.6	7,203.0	57.1	56.9	-79.30	3,073.4	-61.5	355.6	243.6	111.91	3.177		
10,300.0	7,269.0	10,230.6	7,203.0	58.8	58.6	-79.30	3,173.4	-61.5	355.6	240.3	115.27	3.084		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design													Offset Site Error:	0.0 ft
S14-T2N-R68W (Grant Elmquist/Salisbury) - Grant Salisbury 2E-14H-C268 - Hz - Plan #1													Offset Well Error:	0.0 ft
Survey Program: 0-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		
10,400.0	7,269.0	10,330.6	7,203.0	60.6	60.3	-79.30	3,273.4	-61.5	355.6	236.9	118.65	2.997		
10,500.0	7,269.0	10,430.6	7,203.0	62.3	62.0	-79.30	3,373.4	-61.5	355.6	233.5	122.03	2.914		
10,600.0	7,269.0	10,530.6	7,203.0	64.0	63.7	-79.30	3,473.4	-61.5	355.6	230.1	125.41	2.835		
10,700.0	7,269.0	10,630.6	7,203.0	65.7	65.5	-79.30	3,573.4	-61.5	355.6	226.8	128.79	2.761		
10,800.0	7,269.0	10,730.6	7,203.0	67.4	67.2	-79.30	3,673.4	-61.5	355.6	223.4	132.18	2.690		
10,900.0	7,269.0	10,830.6	7,203.0	69.1	68.9	-79.30	3,773.4	-61.5	355.6	220.0	135.57	2.623		
11,000.0	7,269.0	10,930.6	7,203.0	70.9	70.6	-79.30	3,873.4	-61.5	355.6	216.6	138.97	2.559		
11,100.0	7,269.0	11,030.6	7,203.0	72.6	72.4	-79.30	3,973.4	-61.5	355.6	213.2	142.36	2.498		
11,200.0	7,269.0	11,130.6	7,203.0	74.3	74.1	-79.30	4,073.4	-61.5	355.6	209.8	145.76	2.439		
11,300.0	7,269.0	11,230.6	7,203.0	76.0	75.8	-79.30	4,173.4	-61.5	355.6	206.4	149.16	2.384		
11,400.0	7,269.0	11,330.6	7,203.0	77.8	77.5	-79.30	4,273.4	-61.5	355.6	203.0	152.57	2.330		
11,500.0	7,269.0	11,430.6	7,203.0	79.5	79.3	-79.30	4,373.4	-61.5	355.6	199.6	155.97	2.280		
11,600.0	7,269.0	11,530.6	7,203.0	81.2	81.0	-79.30	4,473.4	-61.5	355.6	196.2	159.38	2.231		
11,700.0	7,269.0	11,630.6	7,203.0	82.9	82.8	-79.30	4,573.4	-61.5	355.6	192.8	162.79	2.184		
11,800.0	7,269.0	11,730.6	7,203.0	84.7	84.5	-79.30	4,673.4	-61.5	355.6	189.4	166.20	2.139		
11,900.0	7,269.0	11,830.6	7,203.0	86.4	86.2	-79.30	4,773.4	-61.5	355.6	185.9	169.61	2.096		
12,000.0	7,269.0	11,930.6	7,203.0	88.1	88.0	-79.30	4,873.4	-61.5	355.6	182.5	173.02	2.055		
12,100.0	7,269.0	12,030.6	7,203.0	89.9	89.7	-79.30	4,973.4	-61.5	355.6	179.1	176.44	2.015		
12,200.0	7,269.0	12,130.6	7,203.0	91.6	91.4	-79.30	5,073.4	-61.5	355.6	175.7	179.85	1.977		
12,300.0	7,269.0	12,230.6	7,203.0	93.4	93.2	-79.30	5,173.4	-61.5	355.6	172.3	183.27	1.940		
12,400.0	7,269.0	12,330.6	7,203.0	95.1	94.9	-79.30	5,273.4	-61.5	355.6	168.9	186.69	1.905		
12,500.0	7,269.0	12,430.6	7,203.0	96.8	96.7	-79.30	5,373.4	-61.5	355.6	165.4	190.11	1.870		
12,600.0	7,269.0	12,530.6	7,203.0	98.6	98.4	-79.30	5,473.4	-61.5	355.6	162.0	193.53	1.837		
12,700.0	7,269.0	12,630.6	7,203.0	100.3	100.1	-79.30	5,573.4	-61.5	355.6	158.6	196.95	1.805		
12,800.0	7,269.0	12,730.6	7,203.0	102.0	101.9	-79.30	5,673.4	-61.5	355.6	155.2	200.37	1.774		
12,900.0	7,269.0	12,830.6	7,203.0	103.8	103.6	-79.30	5,773.4	-61.5	355.6	151.8	203.80	1.745		
13,000.0	7,269.0	12,930.6	7,203.0	105.5	105.4	-79.30	5,873.4	-61.5	355.6	148.3	207.22	1.716		
13,100.0	7,269.0	13,030.6	7,203.0	107.3	107.1	-79.30	5,973.4	-61.5	355.6	144.9	210.65	1.688		
13,200.0	7,269.0	13,130.6	7,203.0	109.0	108.8	-79.30	6,073.4	-61.5	355.6	141.5	214.07	1.661		
13,300.0	7,269.0	13,230.6	7,203.0	110.7	110.6	-79.30	6,173.4	-61.5	355.6	138.1	217.50	1.635		
13,316.1	7,269.0	13,246.8	7,203.0	111.0	110.9	-79.30	6,189.5	-61.5	355.6	137.5	218.05	1.631		
13,323.1	7,269.0	13,253.7	7,203.0	111.1	111.0	-79.30	6,196.4	-61.5	355.6	137.3	218.29	1.629 SF		

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

Cathedral Energy Services

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well Grant Salisbury 2F-14H-C268
Project:	DJ Wattenberg	TVD Reference:	KB @ 4894.0ft
Reference Site:	S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference:	KB @ 4894.0ft
Site Error:	0.0ft	North Reference:	True
Reference Well:	Grant Salisbury 2F-14H-C268	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	Offset TVD Reference:	Offset Datum

Offset Design S14-T2N-R68W (Grant Elmquist/Salisbury) - OLANDER 2 (EXISTING) - EXISTING - NO SURVEYS													Offset Site Error:	0.0 ft
Survey Program: 8028-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	-57.20	166.5	-258.3	307.4					
100.0	100.0	93.0	93.0	0.2	0.2	-57.20	166.5	-258.3	307.3	307.0	0.31	977.607		
200.0	200.0	193.0	193.0	0.3	0.3	-57.20	166.5	-258.3	307.3	306.7	0.66	463.232		
300.0	300.0	293.0	293.0	0.5	0.5	-57.20	166.5	-258.3	307.3	306.3	1.01	303.529		
400.0	400.0	393.0	393.0	0.7	0.7	-57.20	166.5	-258.3	307.3	306.0	1.36	225.712		
500.0	500.0	493.0	493.0	0.8	0.9	-57.20	166.5	-258.3	307.3	305.6	1.71	179.654		
600.0	600.0	593.0	593.0	1.0	1.0	-57.20	166.5	-258.3	307.3	305.3	2.06	149.207	CC, ES	
700.0	700.0	693.0	693.0	1.2	1.2	-167.44	166.5	-258.3	309.0	306.6	2.41	128.338		
800.0	799.9	792.9	792.9	1.4	1.4	-167.61	166.5	-258.3	313.4	310.6	2.76	113.691		
900.0	899.8	892.8	892.8	1.6	1.6	-167.79	166.5	-258.3	317.9	314.8	3.11	102.366		
1,000.0	999.7	992.7	992.7	1.7	1.7	-167.96	166.5	-258.3	322.4	319.0	3.45	93.330		
1,100.0	1,099.6	1,092.6	1,092.6	1.9	1.9	-168.13	166.5	-258.3	327.0	323.2	3.80	85.953		
1,200.0	1,199.4	1,192.4	1,192.4	2.1	2.1	-168.30	166.5	-258.3	331.5	327.4	4.15	79.817		
1,300.0	1,299.3	1,292.3	1,292.3	2.3	2.3	-168.46	166.5	-258.3	336.1	331.6	4.50	74.635		
1,400.0	1,399.2	1,392.2	1,392.2	2.5	2.4	-168.61	166.5	-258.3	340.6	335.8	4.85	70.199		
1,500.0	1,499.1	1,492.1	1,492.1	2.7	2.6	-168.76	166.5	-258.3	345.2	340.0	5.20	66.359		
1,600.0	1,599.0	1,592.0	1,592.0	2.9	2.8	-168.91	166.5	-258.3	349.7	344.2	5.55	63.003		
1,700.0	1,698.9	1,691.9	1,691.9	3.1	3.0	-169.06	166.5	-258.3	354.3	348.4	5.90	60.045		
1,800.0	1,798.8	1,791.8	1,791.8	3.3	3.1	-169.20	166.5	-258.3	358.8	352.6	6.25	57.419		
1,900.0	1,898.7	1,891.7	1,891.7	3.5	3.3	-169.33	166.5	-258.3	363.4	356.8	6.60	55.071		
2,000.0	1,998.6	1,991.6	1,991.6	3.6	3.5	-169.47	166.5	-258.3	367.9	361.0	6.95	52.959		
2,100.0	2,098.5	2,091.5	2,091.5	3.8	3.7	-169.60	166.5	-258.3	372.5	365.2	7.30	51.050		
2,200.0	2,198.4	2,191.4	2,191.4	4.0	3.8	-169.73	166.5	-258.3	377.1	369.4	7.65	49.315		
2,300.0	2,298.3	2,291.3	2,291.3	4.2	4.0	-169.85	166.5	-258.3	381.6	373.6	8.00	47.733		
2,400.0	2,398.2	2,391.2	2,391.2	4.4	4.2	-169.97	166.5	-258.3	386.2	377.9	8.34	46.283		
2,500.0	2,498.0	2,491.0	2,491.0	4.6	4.3	-170.09	166.5	-258.3	390.8	382.1	8.69	44.950		
2,600.0	2,597.9	2,590.9	2,590.9	4.8	4.5	-170.21	166.5	-258.3	395.4	386.3	9.04	43.720		
2,700.0	2,697.8	2,690.8	2,690.8	5.0	4.7	-170.32	166.5	-258.3	399.9	390.5	9.39	42.582		
2,800.0	2,797.7	2,790.7	2,790.7	5.2	4.9	-170.43	166.5	-258.3	404.5	394.8	9.74	41.525		
2,900.0	2,897.6	2,890.6	2,890.6	5.4	5.0	-170.54	166.5	-258.3	409.1	399.0	10.09	40.542		
3,000.0	2,997.5	2,990.5	2,990.5	5.6	5.2	-170.64	166.5	-258.3	413.7	403.2	10.44	39.625		
3,100.0	3,097.4	3,090.4	3,090.4	5.7	5.4	-170.75	166.5	-258.3	418.2	407.4	10.79	38.767		
3,200.0	3,197.3	3,190.3	3,190.3	5.9	5.6	-170.85	166.5	-258.3	422.8	411.7	11.14	37.964		
3,300.0	3,297.2	3,290.2	3,290.2	6.1	5.7	-170.95	166.5	-258.3	427.4	415.9	11.49	37.209		
3,400.0	3,397.1	3,390.1	3,390.1	6.3	5.9	-171.04	166.5	-258.3	432.0	420.1	11.84	36.499		
3,500.0	3,497.0	3,490.0	3,490.0	6.5	6.1	-171.14	166.5	-258.3	436.6	424.4	12.18	35.830		
3,600.0	3,596.9	3,589.9	3,589.9	6.7	6.3	-171.23	166.5	-258.3	441.2	428.6	12.53	35.198		
3,700.0	3,696.8	3,689.8	3,689.8	6.9	6.4	-171.32	166.5	-258.3	445.7	432.9	12.88	34.600		
3,800.0	3,796.6	3,789.6	3,789.6	7.1	6.6	-171.41	166.5	-258.3	450.3	437.1	13.23	34.035		
3,900.0	3,896.5	3,889.5	3,889.5	7.3	6.8	-171.50	166.5	-258.3	454.9	441.3	13.58	33.498		
4,000.0	3,996.4	3,989.4	3,989.4	7.5	7.0	-171.58	166.5	-258.3	459.5	445.6	13.93	32.988		
4,100.0	4,096.3	4,089.3	4,089.3	7.7	7.1	-171.67	166.5	-258.3	464.1	449.8	14.28	32.503		
4,200.0	4,196.2	4,189.2	4,189.2	7.9	7.3	-171.75	166.5	-258.3	468.7	454.1	14.63	32.042		
4,300.0	4,296.1	4,289.1	4,289.1	8.1	7.5	-171.83	166.5	-258.3	473.3	458.3	14.98	31.602		
4,400.0	4,396.0	4,389.0	4,389.0	8.2	7.7	-171.91	166.5	-258.3	477.9	462.5	15.33	31.182		
4,500.0	4,495.9	4,488.9	4,488.9	8.4	7.8	-171.99	166.5	-258.3	482.5	466.8	15.67	30.781		
4,600.0	4,595.8	4,588.8	4,588.8	8.6	8.0	-172.06	166.5	-258.3	487.1	471.0	16.02	30.398		
4,700.0	4,695.7	4,688.7	4,688.7	8.8	8.2	-172.14	166.5	-258.3	491.7	475.3	16.37	30.031		
4,800.0	4,795.6	4,788.6	4,788.6	9.0	8.4	-172.21	166.5	-258.3	496.3	479.5	16.72	29.679	SF	

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

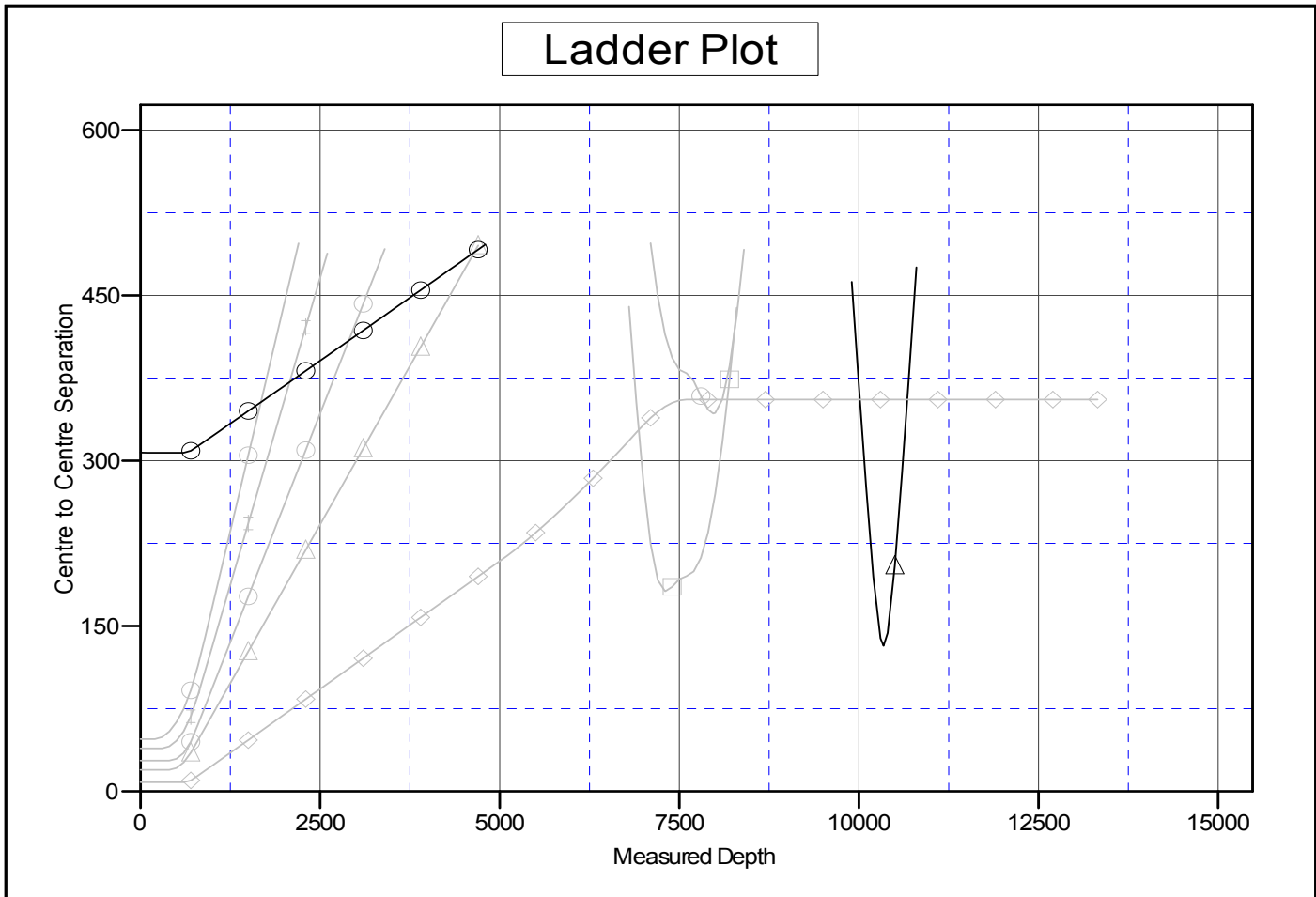
Cathedral Energy Services

Anticollision Report

Company: EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference: Well Grant Salisbury 2F-14H-C268	
Project: DJ Wattenberg	TVD Reference: KB @ 4894.0ft	
Reference Site: S14-T2N-R68W (Grant Elmquist/Salisbury)	MD Reference: KB @ 4894.0ft	
Site Error: 0.0ft	North Reference: True	
Reference Well: Grant Salisbury 2F-14H-C268	Survey Calculation Method: Minimum Curvature	
Well Error: 0.0ft	Output errors are at 2.00 sigma	
Reference Wellbore Hz	Database: USA EDM 5000 Multi Users DB	
Reference Design: Plan #1	Offset TVD Reference: Offset Datum	

Reference Depths are relative to KB @ 4894.0ft
 Offset Depths are relative to Offset Datum
 Central Meridian is -105.500000 °

Coordinates are relative to: Grant Salisbury 2F-14H-C268
 Coordinate System is US State Plane 1983, Colorado Northern Zone
 Grid Convergence at Surface is: 0.34°



LEGEND

- | | | |
|--------------------------------------|---|---|
| Salisbury2D-14H-C268, Hz, Plan #1 V0 | ▲ GRANT23-11 (EXISTING), EXISTING, SURVEYS V0 | ○ GrantSalisbury2C-14H-C268, Hz, Plan #1 V0 |
| Salisbury2B-14H-C268, Hz, Plan #1 V0 | ○ GrantElmquist2F-14H-C268, Hz, Plan #1 V0 | ○ GrantSalisbury2A-14H-C268, Hz, Plan #1 V0 |
| Elmquist2E-14H-C268, Hz, Plan #1 V0 | ◇ GrantSalisbury2E-14H-C268, Hz, Plan #1 V0 | ○ OLANDER 2 (EXISTING), EXISTING, NCS |

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