

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site:</b>	S2-T2N-R67W (Echevarria)	<b>North Reference:</b>	True
<b>Well:</b>	Echeverria 2B-2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #1		

<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		

Site		S2-T2N-R67W (Echevarria)			
Site Position:		Northing:	1,304,019.00 ft	Latitude:	40.166140
From:	Lat/Long	Easting:	3,179,293.88 ft	Longitude:	-104.858470
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	0.41 °

Well	Echeverria 2B-2H					
Well Position	+N/-S	0.0 ft	Northing:	1,306,485.80 ft	Latitude:	40.172930
	+E/-W	0.0 ft	Easting:	3,178,359.43 ft	Longitude:	-104.861750
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	4,858.0 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> (nT)
	IGRF2010	5/31/2012	8.77	66.82	52,900

<b>Design</b>	Plan #1			
<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> (ft)	<b>+N/-S</b> (ft)	<b>+E/-W</b> (ft)	<b>Direction</b> (°)
	0.0	0.0	0.0	180.41

<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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,388.3	5.65	22.35	1,388.0	8.6	3.5	3.00	3.00	0.00	22.35	
6,789.9	5.65	22.35	6,763.3	500.2	205.7	0.00	0.00	0.00	0.00	
7,742.1	90.00	180.00	7,388.0	-70.4	229.2	10.00	8.86	16.56	157.55	
11,992.1	90.00	180.00	7,388.0	-4,320.4	229.2	0.00	0.00	0.00	0.00	Echeverria 2B-2H PB

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<b>Site:</b>	S2-T2N-R67W (Echeverria)	<b>North Reference:</b>	True
<b>Well:</b>	Echeverria 2B-2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	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	
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	
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	KOP @ 1200'
1,300.0	3.00	22.35	1,300.0	2.4	1.0	-2.4	3.00	3.00	
1,388.3	5.65	22.35	1,388.0	8.6	3.5	-8.6	3.00	3.00	EOB; Inc=5.65°
1,400.0	5.65	22.35	1,399.6	9.6	4.0	-9.7	0.00	0.00	
1,500.0	5.65	22.35	1,499.2	18.7	7.7	-18.8	0.00	0.00	
1,600.0	5.65	22.35	1,598.7	27.8	11.5	-27.9	0.00	0.00	
1,700.0	5.65	22.35	1,698.2	36.9	15.2	-37.1	0.00	0.00	
1,800.0	5.65	22.35	1,797.7	46.0	18.9	-46.2	0.00	0.00	
1,900.0	5.65	22.35	1,897.2	55.2	22.7	-55.3	0.00	0.00	
2,000.0	5.65	22.35	1,996.7	64.3	26.4	-64.4	0.00	0.00	
2,100.0	5.65	22.35	2,096.2	73.4	30.2	-73.6	0.00	0.00	
2,200.0	5.65	22.35	2,195.8	82.5	33.9	-82.7	0.00	0.00	
2,300.0	5.65	22.35	2,295.3	91.6	37.6	-91.8	0.00	0.00	
2,400.0	5.65	22.35	2,394.8	100.7	41.4	-101.0	0.00	0.00	
2,500.0	5.65	22.35	2,494.3	109.8	45.1	-110.1	0.00	0.00	
2,600.0	5.65	22.35	2,593.8	118.9	48.9	-119.2	0.00	0.00	
2,700.0	5.65	22.35	2,693.3	128.0	52.6	-128.3	0.00	0.00	
2,800.0	5.65	22.35	2,792.8	137.1	56.4	-137.5	0.00	0.00	
2,900.0	5.65	22.35	2,892.4	146.2	60.1	-146.6	0.00	0.00	
3,000.0	5.65	22.35	2,991.9	155.3	63.8	-155.7	0.00	0.00	
3,100.0	5.65	22.35	3,091.4	164.4	67.6	-164.9	0.00	0.00	
3,200.0	5.65	22.35	3,190.9	173.5	71.3	-174.0	0.00	0.00	
3,300.0	5.65	22.35	3,290.4	182.6	75.1	-183.1	0.00	0.00	
3,400.0	5.65	22.35	3,389.9	191.7	78.8	-192.2	0.00	0.00	
3,500.0	5.65	22.35	3,489.4	200.8	82.6	-201.4	0.00	0.00	
3,600.0	5.65	22.35	3,589.0	209.9	86.3	-210.5	0.00	0.00	
3,700.0	5.65	22.35	3,688.5	219.0	90.0	-219.6	0.00	0.00	
3,800.0	5.65	22.35	3,788.0	228.1	93.8	-228.8	0.00	0.00	
3,900.0	5.65	22.35	3,887.5	237.2	97.5	-237.9	0.00	0.00	
4,000.0	5.65	22.35	3,987.0	246.3	101.3	-247.0	0.00	0.00	
4,100.0	5.65	22.35	4,086.5	255.4	105.0	-256.1	0.00	0.00	
4,200.0	5.65	22.35	4,186.0	264.5	108.8	-265.3	0.00	0.00	
4,282.4	5.65	22.35	4,268.0	272.0	111.8	-272.8	0.00	0.00	Sussex - Shannon
4,300.0	5.65	22.35	4,285.6	273.6	112.5	-274.4	0.00	0.00	
4,400.0	5.65	22.35	4,385.1	282.7	116.2	-283.5	0.00	0.00	
4,500.0	5.65	22.35	4,484.6	291.8	120.0	-292.7	0.00	0.00	
4,537.6	5.65	22.35	4,522.0	295.2	121.4	-296.1	0.00	0.00	Sussex Marker
4,600.0	5.65	22.35	4,584.1	300.9	123.7	-301.8	0.00	0.00	
4,700.0	5.65	22.35	4,683.6	310.0	127.5	-310.9	0.00	0.00	
4,800.0	5.65	22.35	4,783.1	319.1	131.2	-320.0	0.00	0.00	

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<b>Site:</b>	S2-T2N-R67W (Echeverria)	<b>North Reference:</b>	True
<b>Well:</b>	Echeverria 2B-2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	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
4,900.0	5.65	22.35	4,882.6	328.2	135.0	-329.2	0.00	0.00	
5,000.0	5.65	22.35	4,982.2	337.3	138.7	-338.3	0.00	0.00	
5,100.0	5.65	22.35	5,081.7	346.4	142.4	-347.4	0.00	0.00	
5,200.0	5.65	22.35	5,181.2	355.5	146.2	-356.6	0.00	0.00	
5,300.0	5.65	22.35	5,280.7	364.6	149.9	-365.7	0.00	0.00	
5,400.0	5.65	22.35	5,380.2	373.7	153.7	-374.8	0.00	0.00	
5,500.0	5.65	22.35	5,479.7	382.8	157.4	-383.9	0.00	0.00	
5,600.0	5.65	22.35	5,579.3	391.9	161.2	-393.1	0.00	0.00	
5,700.0	5.65	22.35	5,678.8	401.0	164.9	-402.2	0.00	0.00	
5,800.0	5.65	22.35	5,778.3	410.1	168.6	-411.3	0.00	0.00	
5,900.0	5.65	22.35	5,877.8	419.2	172.4	-420.4	0.00	0.00	
6,000.0	5.65	22.35	5,977.3	428.3	176.1	-429.6	0.00	0.00	
6,100.0	5.65	22.35	6,076.8	437.4	179.9	-438.7	0.00	0.00	
6,200.0	5.65	22.35	6,176.3	446.5	183.6	-447.8	0.00	0.00	
6,300.0	5.65	22.35	6,275.9	455.6	187.4	-457.0	0.00	0.00	
6,400.0	5.65	22.35	6,375.4	464.7	191.1	-466.1	0.00	0.00	
6,500.0	5.65	22.35	6,474.9	473.8	194.8	-475.2	0.00	0.00	
6,600.0	5.65	22.35	6,574.4	482.9	198.6	-484.3	0.00	0.00	
6,700.0	5.65	22.35	6,673.9	492.0	202.3	-493.5	0.00	0.00	
6,741.3	5.65	22.35	6,715.0	495.8	203.9	-497.2	0.00	0.00	Teepee Buttes
6,789.9	5.65	22.35	6,763.3	500.2	205.7	-501.7	0.00	0.00	Start 10° build @ 6789' MD
6,800.0	4.73	27.06	6,773.4	501.0	206.1	-502.5	10.00	-9.09	
6,900.0	6.18	159.67	6,873.2	499.7	209.8	-501.2	10.00	1.45	
7,000.0	15.93	172.43	6,971.3	481.0	213.5	-482.5	10.00	9.76	
7,073.0	23.19	174.96	7,040.0	456.7	216.1	-458.2	10.00	9.93	Sharon Springs
7,100.0	25.88	175.55	7,064.6	445.5	217.0	-447.1	10.00	9.96	
7,163.4	32.20	176.58	7,120.0	414.8	219.1	-416.4	10.00	9.97	Niobrara
7,200.0	35.85	177.02	7,150.3	394.4	220.2	-396.0	10.00	9.98	
7,212.1	37.05	177.14	7,160.0	387.2	220.6	-388.8	10.00	9.98	B Chalk
7,300.0	45.83	177.91	7,225.9	329.1	223.1	-330.7	10.00	9.98	
7,400.0	55.82	178.54	7,288.9	251.7	225.5	-253.4	10.00	9.99	
7,500.0	65.81	179.03	7,337.7	164.6	227.3	-166.2	10.00	9.99	
7,546.6	70.47	179.24	7,355.0	121.3	227.9	-123.0	10.00	9.99	Ft. Hayes
7,600.0	75.80	179.45	7,370.5	70.3	228.5	-71.9	10.00	9.99	
7,634.8	79.28	179.59	7,378.0	36.2	228.8	-37.9	10.00	9.99	Codell
7,700.0	85.79	179.84	7,386.5	-28.3	229.1	26.7	10.00	9.99	
7,742.0	90.00	180.00	7,388.0	-70.3	229.2	68.7	10.00	9.99	Landing Pt @ 7742' MD; 90° - Target Line
7,800.0	90.00	180.00	7,388.0	-128.3	229.2	126.6	0.01	0.01	
7,900.0	90.00	180.00	7,388.0	-228.3	229.2	226.6	0.00	0.00	
8,000.0	90.00	180.00	7,388.0	-328.3	229.2	326.6	0.00	0.00	
8,100.0	90.00	180.00	7,388.0	-428.3	229.2	426.6	0.00	0.00	
8,200.0	90.00	180.00	7,388.0	-528.3	229.2	526.6	0.00	0.00	
8,300.0	90.00	180.00	7,388.0	-628.3	229.2	626.6	0.00	0.00	
8,400.0	90.00	180.00	7,388.0	-728.3	229.2	726.6	0.00	0.00	
8,500.0	90.00	180.00	7,388.0	-828.3	229.2	826.6	0.00	0.00	
8,600.0	90.00	180.00	7,388.0	-928.3	229.2	926.6	0.00	0.00	
8,700.0	90.00	180.00	7,388.0	-1,028.3	229.2	1,026.6	0.00	0.00	
8,800.0	90.00	180.00	7,388.0	-1,128.3	229.2	1,126.6	0.00	0.00	
8,900.0	90.00	180.00	7,388.0	-1,228.3	229.2	1,226.6	0.00	0.00	
9,000.0	90.00	180.00	7,388.0	-1,328.3	229.2	1,326.6	0.00	0.00	
9,100.0	90.00	180.00	7,388.0	-1,428.3	229.2	1,426.6	0.00	0.00	
9,200.0	90.00	180.00	7,388.0	-1,528.3	229.2	1,526.6	0.00	0.00	

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<b>Well:</b>	Echeverria 2B-2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	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
9,300.0	90.00	180.00	7,388.0	-1,628.3	229.2	1,626.6	0.00	0.00	
9,400.0	90.00	180.00	7,388.0	-1,728.3	229.2	1,726.6	0.00	0.00	
9,500.0	90.00	180.00	7,388.0	-1,828.3	229.2	1,826.6	0.00	0.00	
9,600.0	90.00	180.00	7,388.0	-1,928.3	229.2	1,926.6	0.00	0.00	
9,700.0	90.00	180.00	7,388.0	-2,028.3	229.2	2,026.6	0.00	0.00	
9,800.0	90.00	180.00	7,388.0	-2,128.3	229.2	2,126.6	0.00	0.00	
9,900.0	90.00	180.00	7,388.0	-2,228.3	229.2	2,226.6	0.00	0.00	
10,000.0	90.00	180.00	7,388.0	-2,328.3	229.2	2,326.6	0.00	0.00	
10,100.0	90.00	180.00	7,388.0	-2,428.3	229.2	2,426.6	0.00	0.00	
10,200.0	90.00	180.00	7,388.0	-2,528.3	229.2	2,526.6	0.00	0.00	
10,300.0	90.00	180.00	7,388.0	-2,628.3	229.2	2,626.6	0.00	0.00	
10,400.0	90.00	180.00	7,388.0	-2,728.3	229.2	2,726.6	0.00	0.00	
10,500.0	90.00	180.00	7,388.0	-2,828.3	229.2	2,826.6	0.00	0.00	
10,600.0	90.00	180.00	7,388.0	-2,928.3	229.2	2,926.6	0.00	0.00	
10,700.0	90.00	180.00	7,388.0	-3,028.3	229.2	3,026.6	0.00	0.00	
10,800.0	90.00	180.00	7,388.0	-3,128.3	229.2	3,126.6	0.00	0.00	
10,900.0	90.00	180.00	7,388.0	-3,228.3	229.2	3,226.6	0.00	0.00	
11,000.0	90.00	180.00	7,388.0	-3,328.3	229.2	3,326.6	0.00	0.00	
11,100.0	90.00	180.00	7,388.0	-3,428.3	229.2	3,426.5	0.00	0.00	
11,200.0	90.00	180.00	7,388.0	-3,528.3	229.2	3,526.5	0.00	0.00	
11,300.0	90.00	180.00	7,388.0	-3,628.3	229.2	3,626.5	0.00	0.00	
11,400.0	90.00	180.00	7,388.0	-3,728.3	229.2	3,726.5	0.00	0.00	
11,500.0	90.00	180.00	7,388.0	-3,828.3	229.2	3,826.5	0.00	0.00	
11,600.0	90.00	180.00	7,388.0	-3,928.3	229.2	3,926.5	0.00	0.00	
11,700.0	90.00	180.00	7,388.0	-4,028.3	229.2	4,026.5	0.00	0.00	
11,800.0	90.00	180.00	7,388.0	-4,128.3	229.2	4,126.5	0.00	0.00	
11,900.0	90.00	180.00	7,388.0	-4,228.3	229.2	4,226.5	0.00	0.00	
11,992.1	90.00	180.00	7,388.0	-4,320.4	229.2	4,318.6	0.00	0.00	TD at 11992.1 - Echeverria 2B-2H PBHL

### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
Echeverria 2B-2H PBHL	0.00	0.41	7,388.0	-4,320.4	229.2	1,302,167.19	3,178,619.71	40.161070	-104.860930
- plan hits target center									
- Point									

## Planning Report

<b>Database:</b>	USA EDM 5000 Multi Users DB	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Project:</b>	DJ Wattenberg	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site:</b>	S2-T2N-R67W (Echevarria)	<b>North Reference:</b>	True
<b>Well:</b>	Echeverria 2B-2H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Hz		
<b>Design:</b>	Plan #1		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,282.4	4,268.0	Shannon				
4,282.4	4,268.0	Sussex				
4,537.6	4,522.0	Sussex Marker				
6,741.3	6,715.0	Teepee Buttes				
7,073.0	7,040.0	Sharon Springs				
7,163.4	7,120.0	Niobrara				
7,212.1	7,160.0	B Chalk				
7,546.6	7,355.0	Ft. Hayes				
7,634.8	7,378.0	Codell				
7,742.0	7,388.0	Target Line		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
1,200.0	1,200.0	0.0	0.0	KOP @ 1200'	
1,388.3	1,388.0	8.6	3.5	EOB; Inc=5.65°	
6,789.9	6,763.3	500.2	205.7	Start 10° build @ 6789' MD	
7,742.1	7,388.0	-70.4	229.2	Landing Pt @ 7742' MD; 90°	
11,992.1	7,388.0	-4,320.4	229.2	TD at 11992.1	

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

**DJ Wattenberg**

**S2-T2N-R67W (Echevarria)**

**Echeverria 2B-2H**

**Hz**

**Plan #1**

## **Anticollision Report**

**31 May, 2012**

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	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 1,281.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program		Date	5/31/2012		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	11,992.1	Plan #1 (Hz)	MWD	Geolink MWD	

Summary						
Site Name	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
S2-T2N-R67W (Echevarria)						
Echeverria 0-2-2 (Existing) - DD - Plan #1	1,478.5	1,543.6	434.0	424.9	47.487	CC
Echeverria 0-2-2 (Existing) - DD - Plan #1	1,500.0	1,562.7	434.2	424.8	46.377	ES
Echeverria 0-2-2 (Existing) - DD - Plan #1	1,900.0	1,901.4	486.9	474.0	37.610	SF
Echeverria 1 (Existing) - Existing - Existing	11,400.9	7,394.0	670.5	589.2	8.244	CC, ES
Echeverria 1 (Existing) - Existing - Existing	11,500.0	7,394.0	677.8	594.7	8.162	SF
Echeverria 11-2 (Existing) - Existing - Existing	1,200.0	1,209.0	995.5	991.3	238.061	CC, ES
Echeverria 11-2 (Existing) - Existing - Existing	7,900.0	7,397.0	1,264.6	1,237.2	46.234	SF
Echeverria 1-2 (Existing) - Existing - Existing	8,563.8	7,379.0	622.9	588.2	17.935	CC, ES
Echeverria 1-2 (Existing) - Existing - Existing	8,700.0	7,379.0	637.6	601.0	17.389	SF
Echeverria 12-2 (Existing) - Existing - Existing	9,331.4	7,392.0	1,117.9	1,071.4	24.060	CC, ES
Echeverria 12-2 (Existing) - Existing - Existing	9,800.0	7,392.0	1,212.1	1,158.0	22.389	SF
Echeverria 13-2 (Existing) - Existing - Existing						Out of range
Echeverria 14-2 (Existing) - Existing - Existing						Out of range
Echeverria 2-0-2 (Existing) - DD - DD	5,862.8	5,884.7	330.1	305.9	13.622	CC
Echeverria 2-0-2 (Existing) - DD - DD	5,900.0	5,920.5	330.2	305.8	13.553	ES
Echeverria 2-0-2 (Existing) - DD - DD	6,600.0	6,612.0	347.7	321.1	13.062	SF
Echeverria 21-2 (Existing) - Existing - Existing	7,977.3	7,369.0	184.1	156.2	6.598	CC, ES, SF
Echeverria 22-2 (Existing) - Existing - Existing	9,158.3	7,365.0	565.6	522.0	12.958	CC, ES
Echeverria 22-2 (Existing) - Existing - Existing	9,300.0	7,365.0	583.1	537.2	12.701	SF
Echeverria 23-2 (Existing) - Existing - Existing	10,245.0	7,371.0	477.3	415.8	7.754	CC, ES
Echeverria 23-2 (Existing) - Existing - Existing	10,300.0	7,371.0	480.5	418.0	7.689	SF
Echeverria 24-2 (Existing) - Existing - Existing	11,992.1	7,386.0	441.2	349.7	4.821	CC, ES, SF
Echeverria 2-8-2 (Existing) - DD - DD	11,992.1	7,510.5	587.2	493.4	6.259	CC, ES, SF
Echeverria 2A-2H - Hz - Plan #1	1,166.3	1,167.3	27.9	23.9	6.938	CC
Echeverria 2A-2H - Hz - Plan #1	1,200.0	1,201.0	27.9	23.8	6.742	ES
Echeverria 2A-2H - Hz - Plan #1	11,992.1	11,811.0	932.5	780.5	6.137	SF
Echeverria 4-2-2 (Existing) - DD - Plan #1	200.0	183.0	556.5	555.9	861.820	CC, ES
Echeverria 4-2-2 (Existing) - DD - Plan #1	8,800.0	7,439.1	893.3	852.7	21.997	SF
Echeverria 4-4-2 (Existing) - DD - DD	9,917.0	7,386.7	845.0	788.2	14.885	CC, ES
Echeverria 4-4-2 (Existing) - DD - DD	10,100.0	7,386.6	864.6	804.8	14.450	SF
Echeverria C-2-320-W (Existing) - Existing - Existing	9,888.3	7,386.2	253.4	198.1	4.585	CC, ES
Echeverria C-2-320-W (Existing) - Existing - Existing	9,900.0	7,385.3	253.7	198.3	4.577	SF
lone 44-2 (Existing) - DD - DD						Out of range
lone 44-2 (Existing) - DD - Plan #1						Out of range
lone 44-2 (Existing) - DD - Plan #2						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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 0-2-2 (Existing) - DD - 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	128.85	-353.3	438.7	563.6					
100.0	100.0	84.0	84.0	0.2	0.1	128.85	-353.3	438.7	563.3	563.0	0.30	1,887.296		
200.0	200.0	184.0	184.0	0.3	0.3	128.85	-353.3	438.7	563.3	562.7	0.65	869.979		
300.0	300.0	297.0	296.9	0.5	0.5	128.97	-353.6	437.1	562.4	561.3	1.02	551.419		
400.0	400.0	412.1	411.9	0.7	0.7	129.44	-354.5	431.0	558.7	557.3	1.40	398.994		
500.0	500.0	526.5	525.8	0.8	1.0	130.26	-356.0	420.3	552.4	550.6	1.79	308.760		
600.0	600.0	639.9	638.2	1.0	1.3	131.46	-358.1	405.4	543.6	541.4	2.19	247.940		
700.0	700.0	752.0	748.6	1.2	1.7	133.05	-360.9	386.3	532.5	529.9	2.62	203.304		
800.0	800.0	862.3	856.5	1.4	2.2	135.07	-364.2	363.3	519.5	516.4	3.08	168.551		
900.0	900.0	970.7	961.5	1.5	2.7	137.54	-368.0	336.7	504.8	501.2	3.60	140.380		
1,000.0	1,000.0	1,076.9	1,063.3	1.7	3.2	140.50	-372.3	306.9	489.0	484.8	4.18	116.995		
1,100.0	1,100.0	1,180.7	1,161.6	1.9	3.9	143.97	-377.0	274.2	472.6	467.7	4.85	97.407		
1,200.0	1,200.0	1,281.8	1,256.3	2.1	4.6	147.98	-382.1	239.0	456.4	450.7	5.63	81.064		
1,300.0	1,300.0	1,379.6	1,346.5	2.2	5.3	130.69	-387.4	201.7	442.9	435.6	7.32	60.540		
1,400.0	1,399.6	1,473.0	1,431.5	2.4	6.0	136.34	-392.9	163.4	435.6	427.3	8.33	52.318		
1,478.5	1,477.8	1,543.6	1,494.9	2.6	6.6	140.91	-397.3	132.5	434.0	424.9	9.14	47.487 CC		
1,500.0	1,499.2	1,562.7	1,511.8	2.6	6.8	142.18	-398.6	124.0	434.2	424.8	9.36	46.377 ES		
1,600.0	1,598.7	1,649.2	1,588.2	2.8	7.6	148.08	-404.4	83.6	438.2	427.9	10.37	42.245		
1,700.0	1,698.2	1,733.3	1,661.4	3.0	8.4	153.92	-410.3	42.6	448.5	437.2	11.32	39.631		
1,800.0	1,797.7	1,817.3	1,734.4	3.3	9.2	159.52	-416.2	1.4	465.0	452.8	12.18	38.184		
1,900.0	1,897.2	1,901.4	1,807.4	3.5	10.0	164.80	-422.1	-39.7	486.9	474.0	12.95	37.610 SF		
2,000.0	1,996.7	1,985.4	1,880.4	3.7	10.8	169.69	-428.0	-80.9	513.7	500.1	13.63	37.690		
2,100.0	2,096.2	2,069.4	1,953.4	3.9	11.6	174.18	-433.9	-122.0	544.6	530.3	14.23	38.260		
2,200.0	2,195.8	2,153.4	2,026.5	4.2	12.5	178.26	-439.8	-163.1	578.9	564.1	14.77	39.193		
2,300.0	2,295.3	2,237.4	2,099.5	4.4	13.3	-178.05	-445.7	-204.3	616.1	600.8	15.25	40.392		
2,400.0	2,394.8	2,321.4	2,172.5	4.6	14.1	-174.71	-451.7	-245.4	655.6	639.9	15.69	41.784		
2,500.0	2,494.3	2,405.4	2,245.5	4.8	14.9	-171.71	-457.6	-286.5	697.2	681.1	16.10	43.312		
2,600.0	2,593.8	2,489.5	2,318.5	5.1	15.7	-169.01	-463.5	-327.7	740.4	723.9	16.48	44.932		
2,700.0	2,693.3	2,573.5	2,391.5	5.3	16.5	-166.58	-469.4	-368.8	784.9	768.1	16.84	46.611		
2,800.0	2,792.8	2,657.5	2,464.6	5.5	17.3	-164.38	-475.3	-409.9	830.6	813.4	17.19	48.324		
2,900.0	2,892.4	2,741.5	2,537.6	5.8	18.2	-162.39	-481.2	-451.1	877.3	859.8	17.53	50.051		
3,000.0	2,991.9	2,825.5	2,610.6	6.0	19.0	-160.58	-487.1	-492.2	924.8	907.0	17.86	51.776		
3,100.0	3,091.4	2,909.5	2,683.6	6.3	19.8	-158.94	-493.0	-533.3	973.0	954.8	18.19	53.489		
3,200.0	3,190.9	2,993.5	2,756.6	6.5	20.6	-157.44	-498.9	-574.5	1,021.9	1,003.3	18.52	55.181		
3,300.0	3,290.4	3,077.5	2,829.6	6.7	21.4	-156.07	-504.9	-615.6	1,071.2	1,052.4	18.84	56.845		
3,400.0	3,389.9	3,161.6	2,902.6	7.0	22.2	-154.81	-510.8	-656.8	1,121.0	1,101.8	19.17	58.477		
3,500.0	3,489.4	3,245.6	2,975.7	7.2	23.1	-153.66	-516.7	-697.9	1,171.2	1,151.7	19.50	60.073		
3,600.0	3,589.0	3,329.6	3,048.7	7.5	23.9	-152.59	-522.6	-739.0	1,221.7	1,201.9	19.82	61.632		
3,700.0	3,688.5	3,413.6	3,121.7	7.7	24.7	-151.61	-528.5	-780.2	1,272.5	1,252.4	20.15	63.152		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 1 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program:		0-MWD											Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance							Warning	
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Total Uncertainty Axis	Separation Factor		
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)				
10,400.0	7,388.0	7,394.0	7,394.0	51.5	12.9	90.00	-3,729.1	-441.3	1,204.7	1,140.5	64.22	18.759		
10,500.0	7,388.0	7,394.0	7,394.0	53.2	12.9	90.00	-3,729.1	-441.3	1,123.0	1,057.1	65.92	17.037		
10,600.0	7,388.0	7,394.0	7,394.0	54.9	12.9	90.00	-3,729.1	-441.3	1,044.5	976.9	67.62	15.447		
10,700.0	7,388.0	7,394.0	7,394.0	56.6	12.9	90.00	-3,729.1	-441.3	969.9	900.6	69.32	13.992		
10,800.0	7,388.0	7,394.0	7,394.0	58.3	12.9	90.00	-3,729.1	-441.3	900.3	829.3	71.03	12.676		
10,900.0	7,388.0	7,394.0	7,394.0	60.0	12.9	90.00	-3,729.1	-441.3	836.9	764.2	72.73	11.506		
11,000.0	7,388.0	7,394.0	7,394.0	61.7	12.9	90.00	-3,729.1	-441.3	781.2	706.7	74.45	10.493		
11,100.0	7,388.0	7,394.0	7,394.0	63.4	12.9	90.00	-3,729.1	-441.3	734.9	658.7	76.16	9.649		
11,200.0	7,388.0	7,394.0	7,394.0	65.1	12.9	90.00	-3,729.1	-441.3	699.9	622.1	77.88	8.988		
11,300.0	7,388.0	7,394.0	7,394.0	66.8	12.9	90.00	-3,729.1	-441.3	678.0	598.4	79.59	8.519		
11,400.0	7,388.0	7,394.0	7,394.0	68.5	12.9	90.00	-3,729.1	-441.3	670.5	589.2	81.31	8.246		
11,400.9	7,388.0	7,394.0	7,394.0	68.5	12.9	90.00	-3,729.1	-441.3	670.5	589.2	81.33	8.244 CC, ES		
11,500.0	7,388.0	7,394.0	7,394.0	70.2	12.9	90.00	-3,729.1	-441.3	677.8	594.7	83.04	8.162 SF		
11,600.0	7,388.0	7,394.0	7,394.0	72.0	12.9	90.00	-3,729.1	-441.3	699.4	614.7	84.76	8.252		
11,700.0	7,388.0	7,394.0	7,394.0	73.7	12.9	90.00	-3,729.1	-441.3	734.2	647.7	86.48	8.489		
11,800.0	7,388.0	7,394.0	7,394.0	75.4	12.9	90.00	-3,729.1	-441.3	780.3	692.1	88.21	8.846		
11,900.0	7,388.0	7,394.0	7,394.0	77.1	12.9	90.00	-3,729.1	-441.3	835.9	745.9	89.94	9.294		
11,992.1	7,388.0	7,394.0	7,394.0	78.7	12.9	90.00	-3,729.1	-441.3	893.9	802.4	91.53	9.767		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 11-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance				Total		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	Separation Factor		
0.0	0.0	9.0	9.0	0.0	0.0	-83.70	109.3	-989.5	995.5					
100.0	100.0	109.0	109.0	0.2	0.2	-83.70	109.3	-989.5	995.5	995.2	0.34	2,910.172		
200.0	200.0	209.0	209.0	0.3	0.4	-83.70	109.3	-989.5	995.5	994.8	0.69	1,440.388		
300.0	300.0	309.0	309.0	0.5	0.5	-83.70	109.3	-989.5	995.5	994.5	1.04	957.037		
400.0	400.0	409.0	409.0	0.7	0.7	-83.70	109.3	-989.5	995.5	994.1	1.39	716.575		
500.0	500.0	509.0	509.0	0.8	0.9	-83.70	109.3	-989.5	995.5	993.8	1.74	572.685		
600.0	600.0	609.0	609.0	1.0	1.1	-83.70	109.3	-989.5	995.5	993.4	2.09	476.918		
700.0	700.0	709.0	709.0	1.2	1.2	-83.70	109.3	-989.5	995.5	993.1	2.44	408.592		
800.0	800.0	809.0	809.0	1.4	1.4	-83.70	109.3	-989.5	995.5	992.7	2.79	357.390		
900.0	900.0	909.0	909.0	1.5	1.6	-83.70	109.3	-989.5	995.5	992.4	3.13	317.591		
1,000.0	1,000.0	1,009.0	1,009.0	1.7	1.8	-83.70	109.3	-989.5	995.5	992.0	3.48	285.768		
1,100.0	1,100.0	1,109.0	1,109.0	1.9	1.9	-83.70	109.3	-989.5	995.5	991.7	3.83	259.742		
1,200.0	1,200.0	1,209.0	1,209.0	2.1	2.1	-83.70	109.3	-989.5	995.5	991.3	4.18	238.061	CC, ES	
1,300.0	1,300.0	1,309.0	1,309.0	2.2	2.3	-106.17	109.3	-989.5	996.3	991.7	4.53	219.817		
1,400.0	1,399.6	1,408.6	1,408.6	2.4	2.5	-106.55	109.3	-989.5	998.5	993.6	4.89	204.133		
1,500.0	1,499.2	1,508.2	1,508.2	2.6	2.6	-107.09	109.3	-989.5	1,001.3	996.1	5.26	190.388		
1,600.0	1,598.7	1,607.7	1,607.7	2.8	2.8	-107.62	109.3	-989.5	1,004.3	998.6	5.63	178.246		
1,700.0	1,698.2	1,707.2	1,707.2	3.0	3.0	-108.15	109.3	-989.5	1,007.3	1,001.3	6.01	167.490		
1,800.0	1,797.7	1,806.7	1,806.7	3.3	3.2	-108.68	109.3	-989.5	1,010.4	1,004.0	6.40	157.926		
1,900.0	1,897.2	1,906.2	1,906.2	3.5	3.3	-109.20	109.3	-989.5	1,013.6	1,006.8	6.79	149.389		
2,000.0	1,996.7	2,005.7	2,005.7	3.7	3.5	-109.72	109.3	-989.5	1,016.9	1,009.8	7.17	141.737		
2,100.0	2,096.2	2,105.2	2,105.2	3.9	3.7	-110.24	109.3	-989.5	1,020.3	1,012.7	7.57	134.851		
2,200.0	2,195.8	2,204.8	2,204.8	4.2	3.8	-110.76	109.3	-989.5	1,023.8	1,015.8	7.96	128.630		
2,300.0	2,295.3	2,304.3	2,304.3	4.4	4.0	-111.27	109.3	-989.5	1,027.3	1,019.0	8.35	122.987		
2,400.0	2,394.8	2,403.8	2,403.8	4.6	4.2	-111.78	109.3	-989.5	1,030.9	1,022.2	8.75	117.852		
2,500.0	2,494.3	2,503.3	2,503.3	4.8	4.4	-112.28	109.3	-989.5	1,034.6	1,025.5	9.14	113.161		
2,600.0	2,593.8	2,602.8	2,602.8	5.1	4.5	-112.78	109.3	-989.5	1,038.4	1,028.9	9.54	108.864		
2,700.0	2,693.3	2,702.3	2,702.3	5.3	4.7	-113.28	109.3	-989.5	1,042.3	1,032.4	9.93	104.915		
2,800.0	2,792.8	2,801.8	2,801.8	5.5	4.9	-113.77	109.3	-989.5	1,046.2	1,035.9	10.33	101.275		
2,900.0	2,892.4	2,901.4	2,901.4	5.8	5.1	-114.26	109.3	-989.5	1,050.3	1,039.5	10.73	97.912		
3,000.0	2,991.9	3,000.9	3,000.9	6.0	5.2	-114.75	109.3	-989.5	1,054.4	1,043.2	11.12	94.797		
3,100.0	3,091.4	3,100.4	3,100.4	6.3	5.4	-115.23	109.3	-989.5	1,058.5	1,047.0	11.52	91.904		
3,200.0	3,190.9	3,199.9	3,199.9	6.5	5.6	-115.70	109.3	-989.5	1,062.8	1,050.9	11.91	89.211		
3,300.0	3,290.4	3,299.4	3,299.4	6.7	5.8	-116.18	109.3	-989.5	1,067.1	1,054.8	12.31	86.701		
3,400.0	3,389.9	3,398.9	3,398.9	7.0	5.9	-116.65	109.3	-989.5	1,071.5	1,058.8	12.70	84.355		
3,500.0	3,489.4	3,498.4	3,498.4	7.2	6.1	-117.12	109.3	-989.5	1,076.0	1,062.9	13.10	82.158		
3,600.0	3,589.0	3,598.0	3,598.0	7.5	6.3	-117.58	109.3	-989.5	1,080.5	1,067.0	13.49	80.098		
3,700.0	3,688.5	3,697.5	3,697.5	7.7	6.5	-118.04	109.3	-989.5	1,085.1	1,071.2	13.88	78.164		
3,800.0	3,788.0	3,797.0	3,797.0	7.9	6.6	-118.49	109.3	-989.5	1,089.8	1,075.5	14.27	76.343		
3,900.0	3,887.5	3,896.5	3,896.5	8.2	6.8	-118.94	109.3	-989.5	1,094.5	1,079.9	14.67	74.628		
4,000.0	3,987.0	3,996.0	3,996.0	8.4	7.0	-119.39	109.3	-989.5	1,099.3	1,084.3	15.06	73.009		
4,100.0	4,086.5	4,095.5	4,095.5	8.7	7.1	-119.83	109.3	-989.5	1,104.2	1,088.8	15.45	71.480		
4,200.0	4,186.0	4,195.0	4,195.0	8.9	7.3	-120.27	109.3	-989.5	1,109.2	1,093.3	15.84	70.033		
4,300.0	4,285.6	4,294.6	4,294.6	9.1	7.5	-120.71	109.3	-989.5	1,114.2	1,098.0	16.23	68.663		
4,400.0	4,385.1	4,394.1	4,394.1	9.4	7.7	-121.14	109.3	-989.5	1,119.3	1,102.6	16.62	67.363		
4,500.0	4,484.6	4,493.6	4,493.6	9.6	7.8	-121.57	109.3	-989.5	1,124.4	1,107.4	17.00	66.130		
4,600.0	4,584.1	4,593.1	4,593.1	9.9	8.0	-121.99	109.3	-989.5	1,129.6	1,112.2	17.39	64.957		
4,700.0	4,683.6	4,692.6	4,692.6	10.1	8.2	-122.41	109.3	-989.5	1,134.9	1,117.1	17.78	63.842		
4,800.0	4,783.1	4,792.1	4,792.1	10.3	8.4	-122.83	109.3	-989.5	1,140.2	1,122.0	18.16	62.779		
4,900.0	4,882.6	4,891.6	4,891.6	10.6	8.5	-123.24	109.3	-989.5	1,145.6	1,127.0	18.55	61.767		
5,000.0	4,982.2	4,991.2	4,991.2	10.8	8.7	-123.65	109.3	-989.5	1,151.0	1,132.1	18.93	60.801		
5,100.0	5,081.7	5,090.7	5,090.7	11.1	8.9	-124.05	109.3	-989.5	1,156.5	1,137.2	19.31	59.879		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 11-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance				Total		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	Separation Factor		
5,200.0	5,181.2	5,190.2	5,190.2	11.3	9.1	-124.45	109.3	-989.5	1,162.1	1,142.4	19.70	58.998		
5,300.0	5,280.7	5,289.7	5,289.7	11.6	9.2	-124.85	109.3	-989.5	1,167.7	1,147.6	20.08	58.155		
5,400.0	5,380.2	5,389.2	5,389.2	11.8	9.4	-125.24	109.3	-989.5	1,173.4	1,152.9	20.46	57.349		
5,500.0	5,479.7	5,488.7	5,488.7	12.0	9.6	-125.63	109.3	-989.5	1,179.1	1,158.2	20.84	56.576		
5,600.0	5,579.3	5,588.3	5,588.3	12.3	9.8	-126.02	109.3	-989.5	1,184.9	1,163.6	21.22	55.836		
5,700.0	5,678.8	5,687.8	5,687.8	12.5	9.9	-126.40	109.3	-989.5	1,190.7	1,169.1	21.60	55.126		
5,800.0	5,778.3	5,787.3	5,787.3	12.8	10.1	-126.78	109.3	-989.5	1,196.6	1,174.6	21.98	54.445		
5,900.0	5,877.8	5,886.8	5,886.8	13.0	10.3	-127.15	109.3	-989.5	1,202.5	1,180.2	22.36	53.790		
6,000.0	5,977.3	5,986.3	5,986.3	13.3	10.4	-127.52	109.3	-989.5	1,208.5	1,185.8	22.73	53.162		
6,100.0	6,076.8	6,085.8	6,085.8	13.5	10.6	-127.89	109.3	-989.5	1,214.5	1,191.4	23.11	52.557		
6,200.0	6,176.3	6,185.3	6,185.3	13.8	10.8	-128.25	109.3	-989.5	1,220.6	1,197.1	23.48	51.976		
6,300.0	6,275.9	6,284.9	6,284.9	14.0	11.0	-128.61	109.3	-989.5	1,226.8	1,202.9	23.86	51.416		
6,400.0	6,375.4	6,384.4	6,384.4	14.2	11.1	-128.97	109.3	-989.5	1,232.9	1,208.7	24.23	50.877		
6,500.0	6,474.9	6,483.9	6,483.9	14.5	11.3	-129.32	109.3	-989.5	1,239.2	1,214.6	24.61	50.358		
6,600.0	6,574.4	6,583.4	6,583.4	14.7	11.5	-129.67	109.3	-989.5	1,245.5	1,220.5	24.98	49.857		
6,700.0	6,673.9	6,682.9	6,682.9	15.0	11.7	-130.02	109.3	-989.5	1,251.8	1,226.4	25.35	49.374		
6,800.0	6,773.4	6,782.4	6,782.4	15.2	11.8	-135.10	109.3	-989.5	1,258.1	1,232.4	25.72	48.911		
6,900.0	6,873.2	6,882.2	6,882.2	15.3	12.0	92.29	109.3	-989.5	1,261.3	1,235.3	25.99	48.523		
7,000.0	6,971.3	6,980.3	6,980.3	15.2	12.2	80.76	109.3	-989.5	1,259.1	1,233.0	26.16	48.124		
7,100.0	7,064.6	7,073.6	7,073.6	15.0	12.3	79.97	109.3	-989.5	1,252.5	1,226.2	26.25	47.714		
7,200.0	7,150.3	7,159.3	7,159.3	14.7	12.5	81.64	109.3	-989.5	1,242.9	1,216.6	26.27	47.312		
7,300.0	7,225.9	7,234.9	7,234.9	14.4	12.6	84.28	109.3	-989.5	1,232.4	1,206.1	26.24	46.973		
7,400.0	7,288.9	7,297.9	7,297.9	14.1	12.7	87.06	109.3	-989.5	1,223.3	1,197.1	26.17	46.752		
7,500.0	7,337.7	7,346.7	7,346.7	13.9	12.8	89.33	109.3	-989.5	1,218.1	1,191.9	26.11	46.653		
7,541.6	7,353.3	7,362.3	7,362.3	13.8	12.8	90.00	109.3	-989.5	1,217.5	1,191.4	26.13	46.589		
7,600.0	7,370.5	7,379.5	7,379.5	13.9	12.9	90.58	109.3	-989.5	1,218.7	1,192.5	26.15	46.608		
7,700.0	7,386.5	7,395.5	7,395.5	14.0	12.9	90.49	109.3	-989.5	1,226.4	1,200.0	26.35	46.536		
7,800.0	7,388.0	7,397.0	7,397.0	14.4	12.9	90.00	109.3	-989.5	1,241.6	1,214.9	26.75	46.415		
7,900.0	7,388.0	7,397.0	7,397.0	15.0	12.9	90.00	109.3	-989.5	1,264.6	1,237.2	27.35	46.234 SF		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 1-2 (Existing) - Existing - Existing														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	-156.19	-892.1	-393.8	975.2						
100.0	100.0	91.0	91.0	0.2	0.2	-156.19	-892.1	-393.8	975.2	974.8	0.31	3,138.692			
200.0	200.0	191.0	191.0	0.3	0.3	-156.19	-892.1	-393.8	975.2	974.5	0.66	1,478.094			
300.0	300.0	291.0	291.0	0.5	0.5	-156.19	-892.1	-393.8	975.2	974.1	1.01	966.643			
400.0	400.0	391.0	391.0	0.7	0.7	-156.19	-892.1	-393.8	975.2	973.8	1.36	718.149			
500.0	500.0	491.0	491.0	0.8	0.9	-156.19	-892.1	-393.8	975.2	973.4	1.71	571.288			
600.0	600.0	591.0	591.0	1.0	1.0	-156.19	-892.1	-393.8	975.2	973.1	2.06	474.295			
700.0	700.0	691.0	691.0	1.2	1.2	-156.19	-892.1	-393.8	975.2	972.7	2.41	405.457			
800.0	800.0	791.0	791.0	1.4	1.4	-156.19	-892.1	-393.8	975.2	972.4	2.75	354.068			
900.0	900.0	891.0	891.0	1.5	1.6	-156.19	-892.1	-393.8	975.2	972.0	3.10	314.241			
1,000.0	1,000.0	991.0	991.0	1.7	1.7	-156.19	-892.1	-393.8	975.2	971.7	3.45	282.467			
1,100.0	1,100.0	1,091.0	1,091.0	1.9	1.9	-156.19	-892.1	-393.8	975.2	971.3	3.80	256.529			
1,200.0	1,200.0	1,191.0	1,191.0	2.1	2.1	-156.19	-892.1	-393.8	975.2	971.0	4.15	234.954			
1,300.0	1,300.0	1,291.0	1,291.0	2.2	2.3	-178.54	-892.1	-393.8	977.8	973.3	4.50	217.507			
1,400.0	1,399.6	1,390.6	1,390.6	2.4	2.4	-178.55	-892.1	-393.8	985.6	980.7	4.83	203.923			
1,500.0	1,499.2	1,490.2	1,490.2	2.6	2.6	-178.56	-892.1	-393.8	995.4	990.2	5.18	192.117			
1,600.0	1,598.7	1,589.7	1,589.7	2.8	2.8	-178.57	-892.1	-393.8	1,005.2	999.7	5.53	181.800			
1,700.0	1,698.2	1,689.2	1,689.2	3.0	2.9	-178.59	-892.1	-393.8	1,015.1	1,009.2	5.88	172.706			
1,800.0	1,797.7	1,788.7	1,788.7	3.3	3.1	-178.60	-892.1	-393.8	1,024.9	1,018.7	6.23	164.630			
1,900.0	1,897.2	1,888.2	1,888.2	3.5	3.3	-178.62	-892.1	-393.8	1,034.8	1,028.2	6.57	157.409			
2,000.0	1,996.7	1,987.7	1,987.7	3.7	3.5	-178.63	-892.1	-393.8	1,044.6	1,037.7	6.92	150.915			
2,100.0	2,096.2	2,087.2	2,087.2	3.9	3.6	-178.64	-892.1	-393.8	1,054.4	1,047.2	7.27	145.043			
2,200.0	2,195.8	2,186.8	2,186.8	4.2	3.8	-178.65	-892.1	-393.8	1,064.3	1,056.7	7.62	139.708			
2,300.0	2,295.3	2,286.3	2,286.3	4.4	4.0	-178.67	-892.1	-393.8	1,074.1	1,066.2	7.97	134.840			
2,400.0	2,394.8	2,385.8	2,385.8	4.6	4.2	-178.68	-892.1	-393.8	1,084.0	1,075.6	8.31	130.379			
2,500.0	2,494.3	2,485.3	2,485.3	4.8	4.3	-178.69	-892.1	-393.8	1,093.8	1,085.1	8.66	126.276			
2,600.0	2,593.8	2,584.8	2,584.8	5.1	4.5	-178.70	-892.1	-393.8	1,103.6	1,094.6	9.01	122.491			
2,700.0	2,693.3	2,684.3	2,684.3	5.3	4.7	-178.71	-892.1	-393.8	1,113.5	1,104.1	9.36	118.988			
2,800.0	2,792.8	2,783.8	2,783.8	5.5	4.9	-178.72	-892.1	-393.8	1,123.3	1,113.6	9.71	115.735			
2,900.0	2,892.4	2,883.4	2,883.4	5.8	5.0	-178.74	-892.1	-393.8	1,133.1	1,123.1	10.05	112.708			
3,000.0	2,991.9	2,982.9	2,982.9	6.0	5.2	-178.75	-892.1	-393.8	1,143.0	1,132.6	10.40	109.884			
3,100.0	3,091.4	3,082.4	3,082.4	6.3	5.4	-178.76	-892.1	-393.8	1,152.8	1,142.1	10.75	107.242			
3,200.0	3,190.9	3,181.9	3,181.9	6.5	5.6	-178.77	-892.1	-393.8	1,162.7	1,151.6	11.10	104.766			
3,300.0	3,290.4	3,281.4	3,281.4	6.7	5.7	-178.78	-892.1	-393.8	1,172.5	1,161.1	11.45	102.441			
3,400.0	3,389.9	3,380.9	3,380.9	7.0	5.9	-178.79	-892.1	-393.8	1,182.3	1,170.6	11.79	100.253			
3,500.0	3,489.4	3,480.4	3,480.4	7.2	6.1	-178.80	-892.1	-393.8	1,192.2	1,180.0	12.14	98.190			
3,600.0	3,589.0	3,580.0	3,580.0	7.5	6.2	-178.81	-892.1	-393.8	1,202.0	1,189.5	12.49	96.243			
3,700.0	3,688.5	3,679.5	3,679.5	7.7	6.4	-178.82	-892.1	-393.8	1,211.9	1,199.0	12.84	94.401			
3,800.0	3,788.0	3,779.0	3,779.0	7.9	6.6	-178.83	-892.1	-393.8	1,221.7	1,208.5	13.19	92.656			
3,900.0	3,887.5	3,878.5	3,878.5	8.2	6.8	-178.84	-892.1	-393.8	1,231.5	1,218.0	13.53	91.001			
4,000.0	3,987.0	3,978.0	3,978.0	8.4	6.9	-178.85	-892.1	-393.8	1,241.4	1,227.5	13.88	89.429			
4,100.0	4,086.5	4,077.5	4,077.5	8.7	7.1	-178.85	-892.1	-393.8	1,251.2	1,237.0	14.23	87.934			
4,200.0	4,186.0	4,177.0	4,177.0	8.9	7.3	-178.86	-892.1	-393.8	1,261.1	1,246.5	14.58	86.510			
4,300.0	4,285.6	4,276.6	4,276.6	9.1	7.5	-178.87	-892.1	-393.8	1,270.9	1,256.0	14.92	85.152			
4,400.0	4,385.1	4,376.1	4,376.1	9.4	7.6	-178.88	-892.1	-393.8	1,280.7	1,265.5	15.27	83.857			
7,500.0	7,337.7	7,328.7	7,328.7	13.9	12.8	56.14	-892.1	-393.8	1,225.7	1,202.2	23.46	52.245			
7,600.0	7,370.5	7,361.5	7,361.5	13.9	12.8	69.62	-892.1	-393.8	1,146.0	1,121.0	25.02	45.811			
7,700.0	7,386.5	7,377.5	7,377.5	14.0	12.9	84.23	-892.1	-393.8	1,065.0	1,038.7	26.21	40.631			
7,800.0	7,388.0	7,379.0	7,379.0	14.4	12.9	90.00	-892.1	-393.8	985.6	958.9	26.72	36.888			
7,900.0	7,388.0	7,379.0	7,379.0	15.0	12.9	90.00	-892.1	-393.8	910.3	883.0	27.32	33.321			
8,000.0	7,388.0	7,379.0	7,379.0	15.7	12.9	90.00	-892.1	-393.8	840.2	812.1	28.10	29.900			
8,100.0	7,388.0	7,379.0	7,379.0	16.7	12.9	90.00	-892.1	-393.8	776.7	747.6	29.03	26.749			

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 1-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-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		
8,200.0	7,388.0	7,379.0	7,379.0	17.7	12.9	90.00	-892.1	-393.8	721.4	691.3	30.10	23.970		
8,300.0	7,388.0	7,379.0	7,379.0	18.8	12.9	90.00	-892.1	-393.8	676.5	645.2	31.27	21.638		
8,400.0	7,388.0	7,379.0	7,379.0	20.1	12.9	90.00	-892.1	-393.8	644.1	611.6	32.52	19.806		
8,500.0	7,388.0	7,379.0	7,379.0	21.4	12.9	90.00	-892.1	-393.8	626.2	592.3	33.85	18.500		
8,563.8	7,388.0	7,379.0	7,379.0	22.2	12.9	90.00	-892.1	-393.8	622.9	588.2	34.73	17.935 CC, ES		
8,600.0	7,388.0	7,379.0	7,379.0	22.7	12.9	90.00	-892.1	-393.8	624.0	588.7	35.23	17.709		
8,700.0	7,388.0	7,379.0	7,379.0	24.1	12.9	90.00	-892.1	-393.8	637.6	601.0	36.67	17.389 SF		
8,800.0	7,388.0	7,379.0	7,379.0	25.6	12.9	90.00	-892.1	-393.8	666.2	628.1	38.15	17.465		
8,900.0	7,388.0	7,379.0	7,379.0	27.1	12.9	90.00	-892.1	-393.8	707.9	668.2	39.65	17.851		
9,000.0	7,388.0	7,379.0	7,379.0	28.6	12.9	90.00	-892.1	-393.8	760.5	719.3	41.19	18.462		
9,100.0	7,388.0	7,379.0	7,379.0	30.1	12.9	90.00	-892.1	-393.8	821.9	779.1	42.75	19.225		
9,200.0	7,388.0	7,379.0	7,379.0	31.7	12.9	90.00	-892.1	-393.8	890.4	846.0	44.33	20.083		
9,300.0	7,388.0	7,379.0	7,379.0	33.3	12.9	90.00	-892.1	-393.8	964.4	918.4	45.93	20.995		
9,400.0	7,388.0	7,379.0	7,379.0	34.9	12.9	90.00	-892.1	-393.8	1,042.7	995.2	47.55	21.930		
9,500.0	7,388.0	7,379.0	7,379.0	36.5	12.9	90.00	-892.1	-393.8	1,124.5	1,075.3	49.17	22.868		
9,600.0	7,388.0	7,379.0	7,379.0	38.1	12.9	90.00	-892.1	-393.8	1,209.0	1,158.2	50.81	23.794		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 12-2 (Existing) - Existing - Existing													Offset Site Error: 0.0 ft			
Survey Program: 0-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				
8,800.0	7,388.0	7,392.0	7,392.0	25.6	12.9	90.00	-1,659.6	-888.7	1,237.7	1,199.6	38.17	32.429				
8,900.0	7,388.0	7,392.0	7,392.0	27.1	12.9	90.00	-1,659.6	-888.7	1,198.2	1,158.5	39.68	30.199				
9,000.0	7,388.0	7,392.0	7,392.0	28.6	12.9	90.00	-1,659.6	-888.7	1,166.0	1,124.7	41.21	28.290				
9,100.0	7,388.0	7,392.0	7,392.0	30.1	12.9	90.00	-1,659.6	-888.7	1,141.6	1,098.8	42.77	26.688				
9,200.0	7,388.0	7,392.0	7,392.0	31.7	12.9	90.00	-1,659.6	-888.7	1,125.6	1,081.2	44.36	25.376				
9,300.0	7,388.0	7,392.0	7,392.0	33.3	12.9	90.00	-1,659.6	-888.7	1,118.3	1,072.4	45.96	24.335				
9,331.4	7,388.0	7,392.0	7,392.0	33.8	12.9	90.00	-1,659.6	-888.7	1,117.9	1,071.4	46.46	24.060	CC, ES			
9,400.0	7,388.0	7,392.0	7,392.0	34.9	12.9	90.00	-1,659.6	-888.7	1,120.0	1,072.4	47.57	23.544				
9,500.0	7,388.0	7,392.0	7,392.0	36.5	12.9	90.00	-1,659.6	-888.7	1,130.5	1,081.3	49.20	22.980				
9,600.0	7,388.0	7,392.0	7,392.0	38.1	12.9	90.00	-1,659.6	-888.7	1,149.7	1,098.9	50.83	22.617				
9,700.0	7,388.0	7,392.0	7,392.0	39.8	12.9	90.00	-1,659.6	-888.7	1,177.1	1,124.6	52.48	22.428				
9,800.0	7,388.0	7,392.0	7,392.0	41.4	12.9	90.00	-1,659.6	-888.7	1,212.1	1,158.0	54.14	22.389	SF			
9,900.0	7,388.0	7,392.0	7,392.0	43.1	12.9	90.00	-1,659.6	-888.7	1,254.2	1,198.4	55.80	22.475				

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 2-0-2 (Existing) - DD - DD													Offset Site Error:	0.0 ft
Survey Program: 844-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance				Total		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	Separation Factor		
0.0	0.0	26.5	26.5	0.0	0.0	-53.32	320.6	-430.3	536.6					
100.0	100.0	124.7	124.7	0.2	0.2	-53.32	320.7	-430.6	536.9	536.5	0.37	1,466.009		
200.0	200.0	222.8	222.8	0.3	0.4	-53.32	321.0	-431.1	537.5	536.8	0.71	757.525		
300.0	300.0	321.0	321.0	0.5	0.6	-53.33	321.5	-431.9	538.4	537.4	1.05	511.419		
400.0	400.0	419.1	419.1	0.7	0.7	-53.34	322.2	-433.0	539.7	538.3	1.40	386.595		
500.0	500.0	517.2	517.2	0.8	0.9	-53.36	323.1	-434.3	541.4	539.6	1.74	311.242		
600.0	600.0	615.3	615.3	1.0	1.1	-53.37	324.1	-436.0	543.4	541.3	2.08	260.896		
700.0	700.0	713.4	713.4	1.2	1.3	-53.39	325.3	-437.9	545.7	543.3	2.43	224.942		
800.0	800.0	811.5	811.4	1.4	1.4	-53.41	326.7	-440.1	548.4	545.6	2.77	198.027		
900.0	900.0	923.5	923.3	1.5	1.6	-53.45	327.8	-442.3	550.6	547.4	3.14	175.465		
1,000.0	1,000.0	1,029.7	1,029.6	1.7	1.8	-53.45	327.6	-442.0	550.1	546.7	3.50	157.310		
1,100.0	1,100.0	1,135.6	1,135.4	1.9	2.0	-53.22	328.8	-439.8	549.2	545.3	3.86	142.302		
1,200.0	1,200.0	1,240.0	1,239.8	2.1	2.2	-52.77	331.0	-435.6	547.2	543.0	4.22	129.621		
1,300.0	1,300.0	1,342.5	1,342.0	2.2	2.3	-74.86	334.2	-430.0	544.1	539.5	4.58	118.887		
1,400.0	1,399.6	1,450.8	1,450.0	2.4	2.5	-75.01	338.2	-421.9	538.4	533.4	4.96	108.465		
1,500.0	1,499.2	1,552.6	1,551.3	2.6	2.7	-75.20	341.6	-413.4	531.2	525.8	5.36	99.124		
1,600.0	1,598.7	1,649.7	1,648.0	2.8	2.9	-75.38	345.0	-405.2	524.1	518.3	5.75	91.087		
1,700.0	1,698.2	1,749.9	1,747.9	3.0	3.1	-75.62	348.3	-397.4	517.4	511.2	6.16	83.934		
1,800.0	1,797.7	1,843.9	1,841.4	3.3	3.3	-75.72	352.6	-389.6	511.0	504.4	6.57	77.731		
1,900.0	1,897.2	1,943.4	1,940.5	3.5	3.5	-75.79	357.8	-381.9	505.5	498.5	7.00	72.206		
2,000.0	1,996.7	2,046.6	2,043.2	3.7	3.8	-75.91	362.7	-373.6	499.5	492.1	7.44	67.149		
2,100.0	2,096.2	2,147.6	2,143.8	3.9	4.0	-76.07	366.9	-365.4	493.0	485.1	7.88	62.586		
2,200.0	2,195.8	2,246.6	2,242.4	4.2	4.2	-76.16	371.4	-356.9	486.5	478.1	8.32	58.480		
2,300.0	2,295.3	2,346.3	2,341.6	4.4	4.4	-76.24	376.2	-348.5	480.1	471.3	8.76	54.788		
2,400.0	2,394.8	2,438.6	2,433.5	4.6	4.6	-76.40	380.5	-341.6	474.5	465.3	9.19	51.643		
2,500.0	2,494.3	2,538.4	2,533.0	4.8	4.8	-76.65	385.1	-335.2	469.7	460.1	9.63	48.783		
2,600.0	2,593.8	2,639.3	2,633.6	5.1	5.1	-76.91	389.8	-328.7	464.9	454.8	10.08	46.138		
2,700.0	2,693.3	2,741.3	2,735.2	5.3	5.3	-77.09	394.8	-321.4	459.6	449.1	10.53	43.648		
2,800.0	2,792.8	2,836.1	2,829.6	5.5	5.5	-77.27	399.5	-314.8	454.7	443.7	10.97	41.447		
2,900.0	2,892.4	2,935.9	2,929.1	5.8	5.7	-77.45	405.0	-308.4	450.4	439.0	11.42	39.431		
3,000.0	2,991.9	3,040.7	3,033.6	6.0	6.0	-77.69	410.1	-301.4	445.6	433.7	11.88	37.503		
3,100.0	3,091.4	3,141.9	3,134.5	6.3	6.2	-78.02	414.0	-294.4	440.0	427.7	12.33	35.690		
3,200.0	3,190.9	3,242.8	3,234.9	6.5	6.4	-78.36	417.7	-287.1	434.1	421.3	12.78	33.975		
3,300.0	3,290.4	3,338.6	3,330.5	6.7	6.6	-78.74	421.2	-280.8	428.7	415.5	13.21	32.451		
3,400.0	3,389.9	3,440.4	3,432.0	7.0	6.8	-79.09	425.3	-274.0	423.4	409.7	13.67	30.982		
3,500.0	3,489.4	3,538.5	3,529.7	7.2	7.0	-79.33	430.0	-267.0	418.2	404.1	14.12	29.614		
3,600.0	3,589.0	3,637.4	3,628.2	7.5	7.3	-79.38	436.0	-259.4	413.3	398.7	14.59	28.328		
3,700.0	3,688.5	3,738.1	3,728.5	7.7	7.5	-79.51	441.8	-252.1	408.5	393.5	15.06	27.133		
3,800.0	3,788.0	3,836.8	3,826.7	7.9	7.8	-79.61	447.5	-244.7	403.6	388.0	15.52	26.006		
3,900.0	3,887.5	3,941.5	3,931.0	8.2	8.0	-79.80	452.9	-236.7	398.1	382.1	15.99	24.899		
4,000.0	3,987.0	4,040.0	4,029.1	8.4	8.2	-80.08	457.2	-229.4	392.5	376.0	16.44	23.875		
4,100.0	4,086.5	4,143.1	4,131.8	8.7	8.5	-80.41	461.4	-221.6	386.6	369.7	16.91	22.866		
4,200.0	4,186.0	4,237.4	4,225.7	8.9	8.7	-80.58	466.2	-214.0	380.8	363.5	17.36	21.940		
4,300.0	4,285.6	4,335.1	4,323.1	9.1	8.9	-80.88	471.1	-207.6	376.3	358.5	17.81	21.134		
4,400.0	4,385.1	4,434.9	4,422.6	9.4	9.1	-81.27	475.7	-201.4	371.8	353.6	18.25	20.371		
4,500.0	4,484.6	4,534.2	4,521.6	9.6	9.3	-81.80	479.7	-196.0	367.8	349.1	18.69	19.675		
4,600.0	4,584.1	4,635.4	4,622.6	9.9	9.5	-82.34	483.7	-190.0	363.3	344.2	19.14	18.986		
4,700.0	4,683.6	4,733.4	4,720.4	10.1	9.7	-82.98	487.0	-184.7	359.1	339.5	19.57	18.352		
4,800.0	4,783.1	4,831.9	4,818.7	10.3	9.9	-83.71	490.3	-180.1	355.4	335.4	19.99	17.778		
4,900.0	4,882.6	4,931.9	4,918.5	10.6	10.1	-84.51	493.4	-175.6	351.9	331.5	20.41	17.238		
5,000.0	4,982.2	5,030.9	5,017.4	10.8	10.3	-85.40	496.1	-171.5	348.5	327.7	20.83	16.735		
5,100.0	5,081.7	5,129.9	5,116.3	11.1	10.5	-86.39	498.4	-167.8	345.6	324.3	21.24	16.273		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 2-0-2 (Existing) - DD - DD														Offset Site Error:	0.0 ft
Survey Program: 844-MWD														Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Distance		Total Uncertainty Axis	Separation Factor	Warning				
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)							
5,200.0	5,181.2	5,229.9	5,216.2	11.3	10.7	-87.38	501.0	-164.1	342.8	321.1	21.65	15.833			
5,300.0	5,280.7	5,328.9	5,315.1	11.6	10.9	-88.28	504.0	-160.1	340.0	318.0	22.06	15.413			
5,400.0	5,380.2	5,428.6	5,414.7	11.8	11.1	-89.28	506.7	-156.7	337.8	315.3	22.47	15.036			
5,500.0	5,479.7	5,528.3	5,514.3	12.0	11.3	-90.35	509.1	-153.1	335.3	312.4	22.86	14.665			
5,600.0	5,579.3	5,627.8	5,613.8	12.3	11.4	-91.56	510.9	-150.2	333.4	310.2	23.25	14.339			
5,700.0	5,678.8	5,726.8	5,712.7	12.5	11.6	-92.73	512.9	-147.0	331.4	307.7	23.64	14.019			
5,800.0	5,778.3	5,823.7	5,809.6	12.8	11.8	-94.02	514.3	-144.8	330.3	306.3	24.01	13.759			
5,862.8	5,840.7	5,884.7	5,870.5	12.9	11.9	-94.88	515.1	-143.8	330.1	305.9	24.23	13.622 CC			
5,900.0	5,877.8	5,920.5	5,906.3	13.0	11.9	-95.42	515.4	-143.5	330.2	305.8	24.36	13.553 ES			
6,000.0	5,977.3	6,017.9	6,003.7	13.3	12.1	-97.05	515.5	-143.4	331.2	306.5	24.70	13.410			
6,100.0	6,076.8	6,116.2	6,102.0	13.5	12.2	-98.78	515.2	-143.9	332.9	307.9	25.03	13.303			
6,200.0	6,176.3	6,214.6	6,200.4	13.8	12.4	-100.51	514.8	-144.7	335.3	310.0	25.35	13.226			
6,300.0	6,275.9	6,315.8	6,301.6	14.0	12.5	-102.29	514.3	-145.6	338.0	312.4	25.67	13.166			
6,400.0	6,375.4	6,414.7	6,400.5	14.2	12.7	-103.97	513.8	-146.0	340.6	314.6	25.99	13.104			
6,500.0	6,474.9	6,512.9	6,498.7	14.5	12.8	-105.64	513.3	-146.8	343.9	317.6	26.31	13.072			
6,600.0	6,574.4	6,612.0	6,597.8	14.7	12.9	-107.30	512.7	-147.8	347.7	321.1	26.62	13.062 SF			
6,700.0	6,673.9	6,710.0	6,695.8	15.0	13.1	-108.94	512.0	-149.1	352.0	325.1	26.92	13.074			
6,800.0	6,773.4	6,809.0	6,794.8	15.2	13.2	-115.36	510.7	-150.7	356.9	329.7	27.22	13.114			
6,900.0	6,873.2	6,908.8	6,894.6	15.3	13.4	111.60	509.0	-152.3	362.3	334.9	27.42	13.214			
7,000.0	6,971.3	7,006.1	6,991.8	15.2	13.5	100.90	506.9	-153.9	368.4	340.9	27.58	13.361			
7,100.0	7,064.6	7,042.0	7,027.7	15.0	13.5	98.15	506.1	-154.7	382.0	354.6	27.39	13.946			
7,200.0	7,150.3	7,042.0	7,027.7	14.7	13.5	92.89	506.1	-154.7	418.8	392.0	26.89	15.579			
7,300.0	7,225.9	7,042.0	7,027.7	14.4	13.5	85.58	506.1	-154.7	474.0	447.8	26.23	18.070			
7,400.0	7,288.9	7,042.0	7,027.7	14.1	13.5	76.43	506.1	-154.7	540.6	515.2	25.39	21.296			
7,500.0	7,337.7	7,042.0	7,027.7	13.9	13.5	66.34	506.1	-154.7	613.3	589.0	24.25	25.289			
7,600.0	7,370.5	7,042.0	7,027.7	13.9	13.5	56.52	506.1	-154.7	688.1	665.3	22.88	30.078			
7,700.0	7,386.5	7,042.0	7,027.7	14.0	13.5	47.90	506.1	-154.7	762.7	741.1	21.58	35.344			
7,800.0	7,388.0	7,042.0	7,027.7	14.4	13.5	44.74	506.1	-154.7	836.5	815.2	21.37	39.145			
7,900.0	7,388.0	7,042.0	7,027.7	15.0	13.5	44.74	506.1	-154.7	914.7	892.9	21.84	41.882			
8,000.0	7,388.0	7,042.0	7,027.7	15.7	13.5	44.74	506.1	-154.7	996.8	974.4	22.42	44.466			
8,100.0	7,388.0	7,042.0	7,027.7	16.7	13.5	44.74	506.1	-154.7	1,081.9	1,058.8	23.09	46.861			
8,200.0	7,388.0	7,042.0	7,027.7	17.7	13.5	44.74	506.1	-154.7	1,169.3	1,145.5	23.84	49.056			
8,300.0	7,388.0	7,042.0	7,027.7	18.8	13.5	44.74	506.1	-154.7	1,258.6	1,234.0	24.65	51.053			

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 21-2 (Existing) - Existing - Existing													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	126.48	-305.6	413.3	514.4					
100.0	100.0	81.0	81.0	0.2	0.1	126.48	-305.6	413.3	514.0	513.7	0.29	1,752.848		
200.0	200.0	181.0	181.0	0.3	0.3	126.48	-305.6	413.3	514.0	513.4	0.64	800.317		
300.0	300.0	281.0	281.0	0.5	0.5	126.48	-305.6	413.3	514.0	513.0	0.99	518.516		
400.0	400.0	381.0	381.0	0.7	0.7	126.48	-305.6	413.3	514.0	512.7	1.34	383.485		
500.0	500.0	481.0	481.0	0.8	0.8	126.48	-305.6	413.3	514.0	512.3	1.69	304.253		
600.0	600.0	581.0	581.0	1.0	1.0	126.48	-305.6	413.3	514.0	512.0	2.04	252.155		
700.0	700.0	681.0	681.0	1.2	1.2	126.48	-305.6	413.3	514.0	511.6	2.39	215.290		
800.0	800.0	781.0	781.0	1.4	1.4	126.48	-305.6	413.3	514.0	511.3	2.74	187.830		
900.0	900.0	881.0	881.0	1.5	1.5	126.48	-305.6	413.3	514.0	510.9	3.09	166.582		
1,000.0	1,000.0	981.0	981.0	1.7	1.7	126.48	-305.6	413.3	514.0	510.6	3.43	149.653		
1,100.0	1,100.0	1,081.0	1,081.0	1.9	1.9	126.48	-305.6	413.3	514.0	510.2	3.78	135.847		
1,200.0	1,200.0	1,181.0	1,181.0	2.1	2.1	126.48	-305.6	413.3	514.0	509.9	4.13	124.374		
1,300.0	1,300.0	1,281.0	1,281.0	2.2	2.2	104.39	-305.6	413.3	514.7	510.2	4.48	114.795		
1,400.0	1,399.6	1,380.6	1,380.6	2.4	2.4	105.18	-305.6	413.3	516.7	511.8	4.84	106.691		
1,500.0	1,499.2	1,480.2	1,480.2	2.6	2.6	106.22	-305.6	413.3	519.3	514.1	5.21	99.665		
1,600.0	1,598.7	1,579.7	1,579.7	2.8	2.8	107.26	-305.6	413.3	522.2	516.6	5.59	93.490		
1,700.0	1,698.2	1,679.2	1,679.2	3.0	2.9	108.28	-305.6	413.3	525.2	519.2	5.97	88.047		
1,800.0	1,797.7	1,778.7	1,778.7	3.3	3.1	109.29	-305.6	413.3	528.4	522.0	6.35	83.235		
1,900.0	1,897.2	1,878.2	1,878.2	3.5	3.3	110.28	-305.6	413.3	531.7	525.0	6.73	78.964		
2,000.0	1,996.7	1,977.7	1,977.7	3.7	3.5	111.27	-305.6	413.3	535.2	528.1	7.12	75.158		
2,100.0	2,096.2	2,077.2	2,077.2	3.9	3.6	112.24	-305.6	413.3	538.9	531.4	7.51	71.754		
2,200.0	2,195.8	2,176.8	2,176.8	4.2	3.8	113.19	-305.6	413.3	542.7	534.8	7.90	68.699		
2,300.0	2,295.3	2,276.3	2,276.3	4.4	4.0	114.14	-305.6	413.3	546.7	538.4	8.29	65.945		
2,400.0	2,394.8	2,375.8	2,375.8	4.6	4.1	115.07	-305.6	413.3	550.8	542.1	8.68	63.456		
2,500.0	2,494.3	2,475.3	2,475.3	4.8	4.3	115.99	-305.6	413.3	555.1	546.0	9.07	61.198		
2,600.0	2,593.8	2,574.8	2,574.8	5.1	4.5	116.89	-305.6	413.3	559.5	550.0	9.46	59.144		
2,700.0	2,693.3	2,674.3	2,674.3	5.3	4.7	117.78	-305.6	413.3	564.0	554.1	9.85	57.269		
2,800.0	2,792.8	2,773.8	2,773.8	5.5	4.8	118.65	-305.6	413.3	568.7	558.4	10.24	55.554		
2,900.0	2,892.4	2,873.4	2,873.4	5.8	5.0	119.51	-305.6	413.3	573.5	562.8	10.62	53.981		
3,000.0	2,991.9	2,972.9	2,972.9	6.0	5.2	120.36	-305.6	413.3	578.4	567.4	11.01	52.534		
3,100.0	3,091.4	3,072.4	3,072.4	6.3	5.4	121.19	-305.6	413.3	583.5	572.1	11.40	51.202		
3,200.0	3,190.9	3,171.9	3,171.9	6.5	5.5	122.00	-305.6	413.3	588.6	576.8	11.78	49.971		
3,300.0	3,290.4	3,271.4	3,271.4	6.7	5.7	122.81	-305.6	413.3	593.9	581.8	12.16	48.832		
3,400.0	3,389.9	3,370.9	3,370.9	7.0	5.9	123.59	-305.6	413.3	599.3	586.8	12.54	47.776		
3,500.0	3,489.4	3,470.4	3,470.4	7.2	6.1	124.37	-305.6	413.3	604.8	591.9	12.93	46.795		
3,600.0	3,589.0	3,570.0	3,570.0	7.5	6.2	125.13	-305.6	413.3	610.5	597.2	13.30	45.883		
3,700.0	3,688.5	3,669.5	3,669.5	7.7	6.4	125.87	-305.6	413.3	616.2	602.5	13.68	45.033		
3,800.0	3,788.0	3,769.0	3,769.0	7.9	6.6	126.61	-305.6	413.3	622.0	608.0	14.06	44.240		
3,900.0	3,887.5	3,868.5	3,868.5	8.2	6.8	127.32	-305.6	413.3	628.0	613.5	14.44	43.499		
4,000.0	3,987.0	3,968.0	3,968.0	8.4	6.9	128.03	-305.6	413.3	634.0	619.2	14.81	42.805		
4,100.0	4,086.5	4,067.5	4,067.5	8.7	7.1	128.72	-305.6	413.3	640.1	625.0	15.19	42.155		
4,200.0	4,186.0	4,167.0	4,167.0	8.9	7.3	129.40	-305.6	413.3	646.4	630.8	15.56	41.545		
4,300.0	4,285.6	4,266.6	4,266.6	9.1	7.4	130.07	-305.6	413.3	652.7	636.7	15.93	40.973		
4,400.0	4,385.1	4,366.1	4,366.1	9.4	7.6	130.72	-305.6	413.3	659.1	642.8	16.30	40.434		
4,500.0	4,484.6	4,465.6	4,465.6	9.6	7.8	131.36	-305.6	413.3	665.5	648.9	16.67	39.927		
4,600.0	4,584.1	4,565.1	4,565.1	9.9	8.0	131.99	-305.6	413.3	672.1	655.1	17.04	39.449		
4,700.0	4,683.6	4,664.6	4,664.6	10.1	8.1	132.60	-305.6	413.3	678.7	661.3	17.40	38.998		
4,800.0	4,783.1	4,764.1	4,764.1	10.3	8.3	133.21	-305.6	413.3	685.5	667.7	17.77	38.573		
4,900.0	4,882.6	4,863.6	4,863.6	10.6	8.5	133.80	-305.6	413.3	692.3	674.1	18.14	38.171		
5,000.0	4,982.2	4,963.2	4,963.2	10.8	8.7	134.38	-305.6	413.3	699.1	680.6	18.50	37.790		
5,100.0	5,081.7	5,062.7	5,062.7	11.1	8.8	134.95	-305.6	413.3	706.1	687.2	18.86	37.430		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 21-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance				Total		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	Separation Factor		
5,200.0	5,181.2	5,162.2	5,162.2	11.3	9.0	135.51	-305.6	413.3	713.1	693.8	19.23	37.088		
5,300.0	5,280.7	5,261.7	5,261.7	11.6	9.2	136.06	-305.6	413.3	720.1	700.5	19.59	36.765		
5,400.0	5,380.2	5,361.2	5,361.2	11.8	9.4	136.59	-305.6	413.3	727.3	707.3	19.95	36.457		
5,500.0	5,479.7	5,460.7	5,460.7	12.0	9.5	137.12	-305.6	413.3	734.5	714.1	20.31	36.166		
5,600.0	5,579.3	5,560.3	5,560.3	12.3	9.7	137.63	-305.6	413.3	741.7	721.0	20.67	35.888		
5,700.0	5,678.8	5,659.8	5,659.8	12.5	9.9	138.14	-305.6	413.3	749.0	728.0	21.03	35.624		
5,800.0	5,778.3	5,759.3	5,759.3	12.8	10.1	138.64	-305.6	413.3	756.4	735.0	21.38	35.373		
5,900.0	5,877.8	5,858.8	5,858.8	13.0	10.2	139.12	-305.6	413.3	763.8	742.1	21.74	35.134		
6,000.0	5,977.3	5,958.3	5,958.3	13.3	10.4	139.60	-305.6	413.3	771.3	749.2	22.10	34.906		
6,100.0	6,076.8	6,057.8	6,057.8	13.5	10.6	140.07	-305.6	413.3	778.9	756.4	22.45	34.688		
6,200.0	6,176.3	6,157.3	6,157.3	13.8	10.7	140.53	-305.6	413.3	786.4	763.6	22.81	34.481		
6,300.0	6,275.9	6,256.9	6,256.9	14.0	10.9	140.98	-305.6	413.3	794.1	770.9	23.16	34.283		
6,400.0	6,375.4	6,356.4	6,356.4	14.2	11.1	141.42	-305.6	413.3	801.8	778.2	23.52	34.093		
6,500.0	6,474.9	6,455.9	6,455.9	14.5	11.3	141.86	-305.6	413.3	809.5	785.6	23.87	33.912		
6,600.0	6,574.4	6,555.4	6,555.4	14.7	11.4	142.28	-305.6	413.3	817.3	793.0	24.22	33.739		
6,700.0	6,673.9	6,654.9	6,654.9	15.0	11.6	142.70	-305.6	413.3	825.1	800.5	24.58	33.574		
6,800.0	6,773.4	6,754.4	6,754.4	15.2	11.8	138.44	-305.6	413.3	832.9	807.9	24.94	33.400		
6,900.0	6,873.2	6,854.2	6,854.2	15.3	12.0	6.19	-305.6	413.3	830.6	805.5	25.11	33.078		
7,000.0	6,971.3	6,952.3	6,952.3	15.2	12.1	-6.95	-305.6	413.3	811.6	786.7	24.82	32.701		
7,100.0	7,064.6	7,045.6	7,045.6	15.0	12.3	-11.31	-305.6	413.3	776.4	752.3	24.10	32.215		
7,200.0	7,150.3	7,131.3	7,131.3	14.7	12.4	-15.22	-305.6	413.3	726.1	703.1	23.07	31.477		
7,300.0	7,225.9	7,206.9	7,206.9	14.4	12.6	-20.48	-305.6	413.3	662.7	640.7	21.98	30.153		
7,400.0	7,288.9	7,269.9	7,269.9	14.1	12.7	-28.80	-305.6	413.3	588.2	566.8	21.35	27.545		
7,500.0	7,337.7	7,318.7	7,318.7	13.9	12.8	-42.55	-305.6	413.3	505.7	483.5	22.13	22.850		
7,600.0	7,370.5	7,351.5	7,351.5	13.9	12.8	-62.92	-305.6	413.3	418.8	394.3	24.52	17.081		
7,700.0	7,386.5	7,367.5	7,367.5	14.0	12.9	-83.66	-305.6	413.3	332.9	306.7	26.23	12.693		
7,800.0	7,388.0	7,369.0	7,369.0	14.4	12.9	-90.00	-305.6	413.3	255.6	228.9	26.70	9.574		
7,900.0	7,388.0	7,369.0	7,369.0	15.0	12.9	-90.00	-305.6	413.3	199.7	172.4	27.30	7.314		
7,977.3	7,388.0	7,369.0	7,369.0	15.6	12.9	-90.00	-305.6	413.3	184.1	156.2	27.91	6.598 CC, ES, SF		
8,000.0	7,388.0	7,369.0	7,369.0	15.7	12.9	-90.00	-305.6	413.3	185.5	157.4	28.08	6.606		
8,100.0	7,388.0	7,369.0	7,369.0	16.7	12.9	-90.00	-305.6	413.3	221.2	192.2	29.02	7.624		
8,200.0	7,388.0	7,369.0	7,369.0	17.7	12.9	-90.00	-305.6	413.3	288.9	258.8	30.08	9.605		
8,300.0	7,388.0	7,369.0	7,369.0	18.8	12.9	-90.00	-305.6	413.3	371.5	340.2	31.25	11.889		
8,400.0	7,388.0	7,369.0	7,369.0	20.1	12.9	-90.00	-305.6	413.3	461.0	428.5	32.50	14.184		
8,500.0	7,388.0	7,369.0	7,369.0	21.4	12.9	-90.00	-305.6	413.3	554.1	520.3	33.83	16.380		
8,600.0	7,388.0	7,369.0	7,369.0	22.7	12.9	-90.00	-305.6	413.3	649.3	614.1	35.22	18.437		
8,700.0	7,388.0	7,369.0	7,369.0	24.1	12.9	-90.00	-305.6	413.3	745.7	709.1	36.65	20.346		
8,800.0	7,388.0	7,369.0	7,369.0	25.6	12.9	-90.00	-305.6	413.3	843.0	804.9	38.13	22.110		
8,900.0	7,388.0	7,369.0	7,369.0	27.1	12.9	-90.00	-305.6	413.3	940.9	901.2	39.64	23.737		
9,000.0	7,388.0	7,369.0	7,369.0	28.6	12.9	-90.00	-305.6	413.3	1,039.1	997.9	41.17	25.237		
9,100.0	7,388.0	7,369.0	7,369.0	30.1	12.9	-90.00	-305.6	413.3	1,137.7	1,094.9	42.73	26.621		
9,200.0	7,388.0	7,369.0	7,369.0	31.7	12.9	-90.00	-305.6	413.3	1,236.4	1,192.1	44.32	27.901		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 22-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-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		
8,100.0	7,388.0	7,365.0	7,365.0	16.7	12.9	-90.00	-1,486.6	794.8	1,200.0	1,171.0	29.01	41.365		
8,200.0	7,388.0	7,365.0	7,365.0	17.7	12.9	-90.00	-1,486.6	794.8	1,112.8	1,082.7	30.07	37.004		
8,300.0	7,388.0	7,365.0	7,365.0	18.8	12.9	-90.00	-1,486.6	794.8	1,027.9	996.7	31.24	32.903		
8,400.0	7,388.0	7,365.0	7,365.0	20.1	12.9	-90.00	-1,486.6	794.8	946.0	913.5	32.50	29.112		
8,500.0	7,388.0	7,365.0	7,365.0	21.4	12.9	-90.00	-1,486.6	794.8	867.9	834.1	33.82	25.660		
8,600.0	7,388.0	7,365.0	7,365.0	22.7	12.9	-90.00	-1,486.6	794.8	794.8	759.5	35.21	22.572		
8,700.0	7,388.0	7,365.0	7,365.0	24.1	12.9	-90.00	-1,486.6	794.8	728.0	691.3	36.65	19.866		
8,800.0	7,388.0	7,365.0	7,365.0	25.6	12.9	-90.00	-1,486.6	794.8	669.6	631.4	38.12	17.564		
8,900.0	7,388.0	7,365.0	7,365.0	27.1	12.9	-90.00	-1,486.6	794.8	621.8	582.2	39.63	15.690		
9,000.0	7,388.0	7,365.0	7,365.0	28.6	12.9	-90.00	-1,486.6	794.8	587.3	546.2	41.17	14.267		
9,100.0	7,388.0	7,365.0	7,365.0	30.1	12.9	-90.00	-1,486.6	794.8	568.6	525.9	42.73	13.308		
9,158.3	7,388.0	7,365.0	7,365.0	31.1	12.9	-90.00	-1,486.6	794.8	565.6	522.0	43.65	12.958 CC, ES		
9,200.0	7,388.0	7,365.0	7,365.0	31.7	12.9	-90.00	-1,486.6	794.8	567.1	522.8	44.31	12.799		
9,300.0	7,388.0	7,365.0	7,365.0	33.3	12.9	-90.00	-1,486.6	794.8	583.1	537.2	45.91	12.701 SF		
9,400.0	7,388.0	7,365.0	7,365.0	34.9	12.9	-90.00	-1,486.6	794.8	615.1	567.5	47.52	12.943		
9,500.0	7,388.0	7,365.0	7,365.0	36.5	12.9	-90.00	-1,486.6	794.8	660.8	611.6	49.15	13.445		
9,600.0	7,388.0	7,365.0	7,365.0	38.1	12.9	-90.00	-1,486.6	794.8	717.6	666.8	50.79	14.130		
9,700.0	7,388.0	7,365.0	7,365.0	39.8	12.9	-90.00	-1,486.6	794.8	783.1	730.7	52.44	14.935		
9,800.0	7,388.0	7,365.0	7,365.0	41.4	12.9	-90.00	-1,486.6	794.8	855.4	801.3	54.09	15.813		
9,900.0	7,388.0	7,365.0	7,365.0	43.1	12.9	-90.00	-1,486.6	794.8	932.7	877.0	55.76	16.729		
10,000.0	7,388.0	7,365.0	7,365.0	44.8	12.9	-90.00	-1,486.6	794.8	1,014.1	956.6	57.43	17.658		
10,100.0	7,388.0	7,365.0	7,365.0	46.4	12.9	-90.00	-1,486.6	794.8	1,098.5	1,039.4	59.11	18.585		
10,200.0	7,388.0	7,365.0	7,365.0	48.1	12.9	-90.00	-1,486.6	794.8	1,185.3	1,124.5	60.79	19.499		
10,300.0	7,388.0	7,365.0	7,365.0	49.8	12.9	-90.00	-1,486.6	794.8	1,274.1	1,211.6	62.48	20.393		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 23-2 (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-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		
9,100.0	7,388.0	7,371.0	7,371.0	30.1	12.9	-90.00	-2,573.3	706.5	1,240.5	1,197.8	42.74	29.025		
9,200.0	7,388.0	7,371.0	7,371.0	31.7	12.9	-90.00	-2,573.3	706.5	1,148.8	1,104.5	44.32	25.922		
9,300.0	7,388.0	7,371.0	7,371.0	33.3	12.9	-90.00	-2,573.3	706.5	1,058.7	1,012.8	45.92	23.056		
9,400.0	7,388.0	7,371.0	7,371.0	34.9	12.9	-90.00	-2,573.3	706.5	970.5	923.0	47.53	20.417		
9,500.0	7,388.0	7,371.0	7,371.0	36.5	12.9	-90.00	-2,573.3	706.5	884.8	835.6	49.16	17.998		
9,600.0	7,388.0	7,371.0	7,371.0	38.1	12.9	-90.00	-2,573.3	706.5	802.4	751.6	50.80	15.796		
9,700.0	7,388.0	7,371.0	7,371.0	39.8	12.9	-90.00	-2,573.3	706.5	724.5	672.0	52.45	13.814		
9,800.0	7,388.0	7,371.0	7,371.0	41.4	12.9	-90.00	-2,573.3	706.5	652.6	598.5	54.10	12.062		
9,900.0	7,388.0	7,371.0	7,371.0	43.1	12.9	-90.00	-2,573.3	706.5	588.9	533.2	55.77	10.561		
10,000.0	7,388.0	7,371.0	7,371.0	44.8	12.9	-90.00	-2,573.3	706.5	536.5	479.1	57.44	9.341		
10,100.0	7,388.0	7,371.0	7,371.0	46.4	12.9	-90.00	-2,573.3	706.5	498.9	439.7	59.12	8.439		
10,200.0	7,388.0	7,371.0	7,371.0	48.1	12.9	-90.00	-2,573.3	706.5	479.4	418.6	60.80	7.886		
10,245.0	7,388.0	7,371.0	7,371.0	48.9	12.9	-90.00	-2,573.3	706.5	477.3	415.8	61.56	7.754 CC, ES		
10,300.0	7,388.0	7,371.0	7,371.0	49.8	12.9	-90.00	-2,573.3	706.5	480.5	418.0	62.49	7.689 SF		
10,400.0	7,388.0	7,371.0	7,371.0	51.5	12.9	-90.00	-2,573.3	706.5	501.9	437.7	64.18	7.820		
10,500.0	7,388.0	7,371.0	7,371.0	53.2	12.9	-90.00	-2,573.3	706.5	541.2	475.3	65.88	8.215		
10,600.0	7,388.0	7,371.0	7,371.0	54.9	12.9	-90.00	-2,573.3	706.5	594.9	527.3	67.58	8.803		
10,700.0	7,388.0	7,371.0	7,371.0	56.6	12.9	-90.00	-2,573.3	706.5	659.4	590.2	69.28	9.519		
10,800.0	7,388.0	7,371.0	7,371.0	58.3	12.9	-90.00	-2,573.3	706.5	732.0	661.0	70.99	10.312		
10,900.0	7,388.0	7,371.0	7,371.0	60.0	12.9	-90.00	-2,573.3	706.5	810.5	737.8	72.69	11.149		
11,000.0	7,388.0	7,371.0	7,371.0	61.7	12.9	-90.00	-2,573.3	706.5	893.2	818.8	74.41	12.005		
11,100.0	7,388.0	7,371.0	7,371.0	63.4	12.9	-90.00	-2,573.3	706.5	979.2	903.1	76.12	12.864		
11,200.0	7,388.0	7,371.0	7,371.0	65.1	12.9	-90.00	-2,573.3	706.5	1,067.7	989.8	77.84	13.717		
11,300.0	7,388.0	7,371.0	7,371.0	66.8	12.9	-90.00	-2,573.3	706.5	1,158.0	1,078.4	79.55	14.556		
11,400.0	7,388.0	7,371.0	7,371.0	68.5	12.9	-90.00	-2,573.3	706.5	1,249.8	1,168.5	81.27	15.377		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> S2-T2N-R67W (Echevarria) - Echeverria 24-2 (Existing) - Existing - Existing												<b>Offset Site Error:</b>	0.0 ft
Survey Program: 0-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	
10,900.0	7,388.0	7,386.0	7,386.0	60.0	12.9	-90.00	-4,332.0	670.2	1,188.6	1,115.9	72.72	16.345	
11,000.0	7,388.0	7,386.0	7,386.0	61.7	12.9	-90.00	-4,332.0	670.2	1,096.4	1,021.9	74.43	14.730	
11,100.0	7,388.0	7,386.0	7,386.0	63.4	12.9	-90.00	-4,332.0	670.2	1,005.6	929.5	76.15	13.206	
11,200.0	7,388.0	7,386.0	7,386.0	65.1	12.9	-90.00	-4,332.0	670.2	916.8	838.9	77.86	11.775	
11,300.0	7,388.0	7,386.0	7,386.0	66.8	12.9	-90.00	-4,332.0	670.2	830.5	750.9	79.58	10.436	
11,400.0	7,388.0	7,386.0	7,386.0	68.5	12.9	-90.00	-4,332.0	670.2	747.7	666.4	81.30	9.196	
11,500.0	7,388.0	7,386.0	7,386.0	70.2	12.9	-90.00	-4,332.0	670.2	669.5	586.5	83.02	8.065	
11,600.0	7,388.0	7,386.0	7,386.0	72.0	12.9	-90.00	-4,332.0	670.2	597.9	513.2	84.75	7.056	
11,700.0	7,388.0	7,386.0	7,386.0	73.7	12.9	-90.00	-4,332.0	670.2	535.5	449.0	86.47	6.193	
11,800.0	7,388.0	7,386.0	7,386.0	75.4	12.9	-90.00	-4,332.0	670.2	485.8	397.6	88.20	5.508	
11,900.0	7,388.0	7,386.0	7,386.0	77.1	12.9	-90.00	-4,332.0	670.2	453.1	363.2	89.92	5.038	
11,992.1	7,388.0	7,386.0	7,386.0	78.7	12.9	-90.00	-4,332.0	670.2	441.2	349.7	91.51	4.821 CC, ES, SF	

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

<b>Offset Design</b> S2-T2N-R67W (Echevarria) - Echeverria 2-8-2 (Existing) - DD - DD													<b>Offset Site Error:</b> 0.0 ft
Survey Program: 869-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	
11,200.0	7,388.0	7,509.7	7,403.6	65.1	21.4	90.22	-4,737.8	-183.8	1,278.1	1,197.9	80.16	15.944	
11,300.0	7,388.0	7,509.8	7,403.7	66.8	21.4	90.23	-4,737.8	-183.8	1,183.9	1,102.0	81.88	14.459	
11,400.0	7,388.0	7,509.9	7,403.8	68.5	21.4	90.25	-4,737.8	-183.8	1,090.7	1,007.1	83.60	13.047	
11,500.0	7,388.0	7,510.0	7,403.9	70.2	21.4	90.26	-4,737.8	-183.8	998.9	913.5	85.32	11.707	
11,600.0	7,388.0	7,510.1	7,404.0	72.0	21.4	90.28	-4,737.8	-183.8	908.8	821.7	87.04	10.440	
11,700.0	7,388.0	7,510.2	7,404.1	73.7	21.4	90.29	-4,737.8	-183.8	820.9	732.2	88.77	9.248	
11,800.0	7,388.0	7,510.3	7,404.2	75.4	21.4	90.30	-4,737.8	-183.8	736.2	645.7	90.49	8.136	
11,900.0	7,388.0	7,510.5	7,404.3	77.1	21.4	90.32	-4,737.8	-183.8	655.8	563.6	92.22	7.112	
11,992.1	7,388.0	7,510.5	7,404.4	78.7	21.4	90.33	-4,737.8	-183.8	587.2	493.4	93.81	6.259 CC, ES, SF	

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 2A-2H - 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		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			
0.0	0.0	1.0	1.0	0.0	0.0	-89.98	0.0	-27.9	27.9					
100.0	100.0	101.0	101.0	0.2	0.2	-89.98	0.0	-27.9	27.9	27.6	0.31	91.491		
200.0	200.0	201.0	201.0	0.3	0.3	-89.98	0.0	-27.9	27.9	27.3	0.65	42.696		
300.0	300.0	301.0	301.0	0.5	0.5	-89.98	0.0	-27.9	27.9	26.9	1.00	27.845		
400.0	400.0	401.0	401.0	0.7	0.7	-89.98	0.0	-27.9	27.9	26.6	1.35	20.659		
500.0	500.0	501.0	501.0	0.8	0.9	-89.98	0.0	-27.9	27.9	26.2	1.70	16.421		
600.0	600.0	601.0	601.0	1.0	1.0	-89.98	0.0	-27.9	27.9	25.9	2.05	13.626		
700.0	700.0	701.0	701.0	1.2	1.2	-89.98	0.0	-27.9	27.9	25.5	2.40	11.644		
800.0	800.0	801.0	801.0	1.4	1.4	-89.98	0.0	-27.9	27.9	25.2	2.75	10.166		
900.0	900.0	901.0	901.0	1.5	1.5	-89.98	0.0	-27.9	27.9	24.8	3.10	9.020		
1,000.0	1,000.0	1,001.0	1,001.0	1.7	1.7	-89.98	0.0	-27.9	27.9	24.5	3.45	8.107		
1,100.0	1,100.0	1,101.0	1,101.0	1.9	1.9	-89.98	0.0	-27.9	27.9	24.1	3.80	7.361		
1,166.3	1,166.3	1,167.3	1,167.3	2.0	2.0	-89.98	0.0	-27.9	27.9	23.9	4.03	6.938 CC		
1,200.0	1,200.0	1,201.0	1,201.0	2.1	2.1	-89.98	0.0	-27.9	27.9	23.8	4.15	6.742 ES		
1,300.0	1,300.0	1,300.0	1,300.0	2.2	2.2	-113.40	1.8	-29.9	30.9	26.4	4.49	6.871		
1,400.0	1,399.6	1,398.2	1,397.8	2.4	2.4	-115.71	7.0	-35.5	39.6	34.8	4.85	8.161		
1,500.0	1,499.2	1,496.2	1,495.0	2.6	2.6	-115.31	15.5	-44.6	52.6	47.4	5.24	10.055		
1,600.0	1,598.7	1,595.2	1,593.1	2.8	2.9	-114.23	25.0	-54.8	66.6	61.0	5.63	11.826		
1,700.0	1,698.2	1,694.2	1,691.1	3.0	3.1	-113.53	34.4	-64.9	80.6	74.5	6.04	13.343		
1,800.0	1,797.7	1,793.2	1,789.1	3.3	3.3	-113.03	43.9	-75.1	94.6	88.1	6.46	14.649		
1,900.0	1,897.2	1,892.3	1,887.2	3.5	3.6	-112.67	53.4	-85.3	108.6	101.7	6.88	15.782		
2,000.0	1,996.7	1,991.3	1,985.2	3.7	3.9	-112.38	62.8	-95.5	122.6	115.2	7.31	16.770		
2,100.0	2,096.2	2,090.3	2,083.2	3.9	4.1	-112.16	72.3	-105.7	136.6	128.8	7.74	17.638		
2,200.0	2,195.8	2,189.3	2,181.3	4.2	4.4	-111.98	81.8	-115.8	150.6	142.4	8.18	18.405		
2,300.0	2,295.3	2,288.3	2,279.3	4.4	4.7	-111.82	91.2	-126.0	164.5	155.9	8.62	19.086		
2,400.0	2,394.8	2,387.3	2,377.3	4.6	4.9	-111.69	100.7	-136.2	178.5	169.5	9.07	19.695		
2,500.0	2,494.3	2,486.3	2,475.4	4.8	5.2	-111.59	110.2	-146.4	192.6	183.0	9.51	20.241		
2,600.0	2,593.8	2,585.4	2,573.4	5.1	5.5	-111.49	119.6	-156.6	206.6	196.6	9.96	20.734		
2,700.0	2,693.3	2,684.4	2,671.4	5.3	5.8	-111.41	129.1	-166.7	220.6	210.1	10.41	21.180		
2,800.0	2,792.8	2,783.4	2,769.5	5.5	6.1	-111.33	138.6	-176.9	234.6	223.7	10.87	21.586		
2,900.0	2,892.4	2,882.4	2,867.5	5.8	6.4	-111.27	148.1	-187.1	248.6	237.2	11.32	21.957		
3,000.0	2,991.9	2,981.4	2,965.5	6.0	6.7	-111.21	157.5	-197.3	262.6	250.8	11.78	22.297		
3,100.0	3,091.4	3,080.4	3,063.6	6.3	6.9	-111.16	167.0	-207.5	276.6	264.3	12.23	22.609		
3,200.0	3,190.9	3,179.4	3,161.6	6.5	7.2	-111.11	176.5	-217.6	290.6	277.9	12.69	22.897		
3,300.0	3,290.4	3,278.5	3,259.6	6.7	7.5	-111.07	185.9	-227.8	304.6	291.4	13.15	23.163		
3,400.0	3,389.9	3,377.5	3,357.7	7.0	7.8	-111.03	195.4	-238.0	318.6	305.0	13.61	23.410		
3,500.0	3,489.4	3,476.5	3,455.7	7.2	8.1	-111.00	204.9	-248.2	332.6	318.5	14.07	23.640		
3,600.0	3,589.0	3,575.5	3,553.7	7.5	8.4	-110.96	214.3	-258.4	346.6	332.1	14.53	23.853		
3,700.0	3,688.5	3,674.5	3,651.8	7.7	8.7	-110.93	223.8	-268.5	360.6	345.6	14.99	24.053		
3,800.0	3,788.0	3,773.5	3,749.8	7.9	9.0	-110.91	233.3	-278.7	374.6	359.1	15.45	24.240		
3,900.0	3,887.5	3,872.5	3,847.8	8.2	9.3	-110.88	242.7	-288.9	388.6	372.7	15.92	24.415		
4,000.0	3,987.0	3,971.6	3,945.9	8.4	9.6	-110.86	252.2	-299.1	402.6	386.2	16.38	24.580		
4,100.0	4,086.5	4,070.6	4,043.9	8.7	9.9	-110.83	261.7	-309.3	416.6	399.8	16.84	24.735		
4,200.0	4,186.0	4,169.6	4,141.9	8.9	10.1	-110.81	271.1	-319.4	430.6	413.3	17.31	24.881		
4,300.0	4,285.6	4,268.6	4,240.0	9.1	10.4	-110.79	280.6	-329.6	444.6	426.8	17.77	25.019		
4,400.0	4,385.1	4,367.6	4,338.0	9.4	10.7	-110.77	290.1	-339.8	458.6	440.4	18.24	25.150		
4,500.0	4,484.6	4,466.6	4,436.0	9.6	11.0	-110.76	299.5	-350.0	472.6	453.9	18.70	25.273		
4,600.0	4,584.1	4,565.6	4,534.1	9.9	11.3	-110.74	309.0	-360.1	486.6	467.5	19.17	25.390		
4,700.0	4,683.6	4,664.7	4,632.1	10.1	11.6	-110.72	318.5	-370.3	500.6	481.0	19.63	25.502		
4,800.0	4,783.1	4,763.7	4,730.1	10.3	11.9	-110.71	328.0	-380.5	514.6	494.5	20.10	25.608		
4,900.0	4,882.6	4,862.7	4,828.2	10.6	12.2	-110.70	337.4	-390.7	528.6	508.1	20.56	25.708		
5,000.0	4,982.2	4,961.7	4,926.2	10.8	12.5	-110.68	346.9	-400.9	542.7	521.6	21.03	25.804		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 2A-2H - 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		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	Separation Factor		
5,100.0	5,081.7	5,060.7	5,024.2	11.1	12.8	-110.67	356.4	-411.0	556.7	535.2	21.50	25.896		
5,200.0	5,181.2	5,159.7	5,122.3	11.3	13.1	-110.66	365.8	-421.2	570.7	548.7	21.96	25.983		
5,300.0	5,280.7	5,258.7	5,220.3	11.6	13.4	-110.65	375.3	-431.4	584.7	562.2	22.43	26.067		
5,400.0	5,380.2	5,357.8	5,318.3	11.8	13.7	-110.64	384.8	-441.6	598.7	575.8	22.90	26.147		
5,500.0	5,479.7	5,456.8	5,416.4	12.0	14.0	-110.63	394.2	-451.8	612.7	589.3	23.36	26.224		
5,600.0	5,579.3	5,555.8	5,514.4	12.3	14.3	-110.62	403.7	-461.9	626.7	602.8	23.83	26.297		
5,700.0	5,678.8	5,654.8	5,612.4	12.5	14.6	-110.61	413.2	-472.1	640.7	616.4	24.30	26.368		
5,800.0	5,778.3	5,753.8	5,710.5	12.8	14.9	-110.60	422.6	-482.3	654.7	629.9	24.77	26.436		
5,900.0	5,877.8	5,852.8	5,808.5	13.0	15.2	-110.59	432.1	-492.5	668.7	643.5	25.23	26.501		
6,000.0	5,977.3	5,951.8	5,906.5	13.3	15.5	-110.58	441.6	-502.7	682.7	657.0	25.70	26.563		
6,100.0	6,076.8	6,050.9	6,004.6	13.5	15.8	-110.57	451.0	-512.8	696.7	670.5	26.17	26.624		
6,200.0	6,176.3	6,149.9	6,102.6	13.8	16.1	-110.57	460.5	-523.0	710.7	684.1	26.64	26.682		
6,300.0	6,275.9	6,248.9	6,200.6	14.0	16.4	-110.56	470.0	-533.2	724.7	697.6	27.10	26.738		
6,400.0	6,375.4	6,347.9	6,298.7	14.2	16.7	-110.55	479.5	-543.4	738.7	711.1	27.57	26.791		
6,500.0	6,474.9	6,446.9	6,396.7	14.5	17.0	-110.54	488.9	-553.6	752.7	724.7	28.04	26.844		
6,600.0	6,574.4	6,545.9	6,494.7	14.7	17.3	-110.54	498.4	-563.7	766.7	738.2	28.51	26.894		
6,700.0	6,673.9	6,645.5	6,593.4	15.0	17.5	-110.61	506.8	-574.0	780.7	751.8	28.96	26.960		
6,800.0	6,773.4	6,743.8	6,690.9	15.2	17.7	-116.48	501.7	-584.2	794.7	765.4	29.31	27.116		
6,900.0	6,873.2	6,838.1	6,782.3	15.3	17.7	108.24	481.1	-594.0	809.2	779.8	29.45	27.477		
7,000.0	6,971.3	6,929.5	6,866.5	15.2	17.6	92.96	447.1	-603.0	824.1	794.8	29.28	28.147		
7,100.0	7,064.6	7,018.7	6,942.5	15.0	17.4	87.54	401.3	-611.4	838.6	809.8	28.83	29.091		
7,200.0	7,150.3	7,106.0	7,009.2	14.7	17.2	84.06	345.5	-618.8	852.4	824.2	28.17	30.254		
7,300.0	7,225.9	7,191.9	7,065.8	14.4	17.0	81.48	281.3	-625.2	864.8	837.4	27.42	31.543		
7,400.0	7,288.9	7,276.8	7,111.7	14.1	16.9	79.52	210.3	-630.6	875.4	848.7	26.69	32.795		
7,500.0	7,337.7	7,360.8	7,146.4	13.9	16.8	78.09	133.9	-634.9	883.9	857.7	26.16	33.787		
7,600.0	7,370.5	7,444.4	7,169.5	13.9	16.9	77.14	53.8	-637.9	889.8	863.9	25.97	34.264		
7,700.0	7,386.5	7,527.6	7,180.8	14.0	17.0	76.67	-28.7	-639.8	893.1	866.9	26.24	34.034		
7,800.0	7,388.0	7,619.2	7,181.5	14.4	17.3	76.58	-120.2	-640.6	894.2	867.2	27.01	33.113		
7,900.0	7,388.0	7,719.2	7,180.6	15.0	17.7	76.54	-220.2	-641.3	895.1	867.0	28.17	31.771		
8,000.0	7,388.0	7,819.2	7,179.8	15.7	18.4	76.50	-320.2	-642.0	896.0	866.3	29.69	30.179		
8,100.0	7,388.0	7,919.2	7,178.9	16.7	19.1	76.45	-420.2	-642.8	896.9	865.4	31.50	28.470		
8,200.0	7,388.0	8,019.2	7,178.0	17.7	20.0	76.41	-520.2	-643.5	897.8	864.3	33.57	26.748		
8,300.0	7,388.0	8,119.2	7,177.2	18.8	21.0	76.37	-620.2	-644.2	898.7	862.9	35.83	25.080		
8,400.0	7,388.0	8,219.2	7,176.3	20.1	22.1	76.32	-720.1	-644.9	899.7	861.4	38.27	23.507		
8,500.0	7,388.0	8,319.2	7,175.4	21.4	23.3	76.28	-820.1	-645.6	900.6	859.7	40.85	22.048		
8,600.0	7,388.0	8,419.2	7,174.5	22.7	24.6	76.24	-920.1	-646.4	901.5	857.9	43.53	20.708		
8,700.0	7,388.0	8,519.2	7,173.7	24.1	25.9	76.19	-1,020.1	-647.1	902.4	856.1	46.31	19.484		
8,800.0	7,388.0	8,619.2	7,172.8	25.6	27.2	76.15	-1,120.1	-647.8	903.3	854.1	49.17	18.370		
8,900.0	7,388.0	8,719.2	7,171.9	27.1	28.6	76.11	-1,220.1	-648.5	904.2	852.1	52.09	17.357		
9,000.0	7,388.0	8,819.1	7,171.1	28.6	30.1	76.07	-1,320.1	-649.2	905.1	850.0	55.07	16.435		
9,100.0	7,388.0	8,919.1	7,170.2	30.1	31.5	76.02	-1,420.0	-650.0	906.0	847.9	58.09	15.596		
9,200.0	7,388.0	9,019.1	7,169.3	31.7	33.0	75.98	-1,520.0	-650.7	906.9	845.8	61.15	14.830		
9,300.0	7,388.0	9,119.1	7,168.4	33.3	34.6	75.94	-1,620.0	-651.4	907.8	843.6	64.24	14.131		
9,400.0	7,388.0	9,219.1	7,167.6	34.9	36.1	75.90	-1,720.0	-652.1	908.7	841.4	67.37	13.490		
9,500.0	7,388.0	9,319.1	7,166.7	36.5	37.7	75.85	-1,820.0	-652.8	909.6	839.1	70.51	12.901		
9,600.0	7,388.0	9,419.1	7,165.8	38.1	39.2	75.81	-1,920.0	-653.6	910.6	836.9	73.68	12.359		
9,700.0	7,388.0	9,519.1	7,164.9	39.8	40.8	75.77	-2,020.0	-654.3	911.5	834.6	76.86	11.859		
9,800.0	7,388.0	9,619.1	7,164.1	41.4	42.4	75.73	-2,120.0	-655.0	912.4	832.3	80.06	11.396		
9,900.0	7,388.0	9,719.1	7,163.2	43.1	44.0	75.69	-2,219.9	-655.7	913.3	830.0	83.27	10.968		
10,000.0	7,388.0	9,819.1	7,162.3	44.8	45.7	75.64	-2,319.9	-656.4	914.2	827.7	86.50	10.569		
10,100.0	7,388.0	9,919.1	7,161.5	46.4	47.3	75.60	-2,419.9	-657.2	915.1	825.4	89.73	10.198		
10,200.0	7,388.0	10,019.1	7,160.6	48.1	48.9	75.56	-2,519.9	-657.9	916.0	823.1	92.98	9.852		

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 2A-2H - 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							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		
10,300.0	7,388.0	10,119.1	7,159.7	49.8	50.6	75.52	-2,619.9	-658.6	916.9	820.7	96.23	9.529		
10,400.0	7,388.0	10,219.1	7,158.8	51.5	52.3	75.48	-2,719.9	-659.3	917.9	818.4	99.49	9.226		
10,500.0	7,388.0	10,319.1	7,158.0	53.2	53.9	75.44	-2,819.9	-660.0	918.8	816.0	102.76	8.941		
10,600.0	7,388.0	10,419.0	7,157.1	54.9	55.6	75.39	-2,919.9	-660.8	919.7	813.7	106.03	8.674		
10,700.0	7,388.0	10,519.0	7,156.2	56.6	57.3	75.35	-3,019.8	-661.5	920.6	811.3	109.31	8.422		
10,800.0	7,388.0	10,619.0	7,155.3	58.3	58.9	75.31	-3,119.8	-662.2	921.5	808.9	112.59	8.185		
10,900.0	7,388.0	10,719.0	7,154.5	60.0	60.6	75.27	-3,219.8	-662.9	922.4	806.6	115.88	7.960		
11,000.0	7,388.0	10,819.0	7,153.6	61.7	62.3	75.23	-3,319.8	-663.6	923.4	804.2	119.17	7.748		
11,100.0	7,388.0	10,919.0	7,152.7	63.4	64.0	75.19	-3,419.8	-664.3	924.3	801.8	122.47	7.547		
11,200.0	7,388.0	11,019.0	7,151.9	65.1	65.7	75.15	-3,519.8	-665.1	925.2	799.4	125.76	7.357		
11,300.0	7,388.0	11,119.0	7,151.0	66.8	67.4	75.11	-3,619.8	-665.8	926.1	797.1	129.06	7.176		
11,400.0	7,388.0	11,219.0	7,150.1	68.5	69.1	75.07	-3,719.8	-666.5	927.0	794.7	132.36	7.004		
11,500.0	7,388.0	11,319.0	7,149.2	70.2	70.8	75.03	-3,819.7	-667.2	928.0	792.3	135.67	6.840		
11,600.0	7,388.0	11,419.0	7,148.4	72.0	72.5	74.98	-3,919.7	-667.9	928.9	789.9	138.97	6.684		
11,700.0	7,388.0	11,519.0	7,147.5	73.7	74.2	74.94	-4,019.7	-668.7	929.8	787.5	142.28	6.535		
11,800.0	7,388.0	11,619.0	7,146.6	75.4	75.9	74.90	-4,119.7	-669.4	930.7	785.1	145.59	6.393		
11,900.0	7,388.0	11,719.0	7,145.7	77.1	77.6	74.86	-4,219.7	-670.1	931.6	782.7	148.90	6.257		
11,992.1	7,388.0	11,811.0	7,144.9	78.7	79.2	74.83	-4,311.8	-670.8	932.5	780.5	151.95	6.137 SF		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 4-2-2 (Existing) - DD - Plan #1														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	127.97	-342.4	438.7	556.8						
100.0	100.0	83.0	83.0	0.2	0.1	127.97	-342.4	438.7	556.5	556.2	0.30	1,875.511			
200.0	200.0	183.0	183.0	0.3	0.3	127.97	-342.4	438.7	556.5	555.9	0.65	861.820 CC, ES			
300.0	300.0	269.5	269.5	0.5	0.5	127.97	-342.9	439.4	557.5	556.6	0.97	573.778			
400.0	400.0	353.1	353.0	0.7	0.6	127.96	-344.9	442.0	561.4	560.1	1.29	433.898			
500.0	500.0	436.4	436.2	0.8	0.8	127.95	-348.3	446.5	568.2	566.6	1.62	351.251			
600.0	600.0	519.4	518.7	1.0	1.0	127.94	-353.1	453.0	577.9	576.0	1.94	297.339			
700.0	700.0	600.0	598.7	1.2	1.2	127.92	-359.2	461.0	590.5	588.2	2.27	260.282			
800.0	800.0	683.5	681.2	1.4	1.5	127.90	-366.9	471.3	605.8	603.2	2.61	232.453			
900.0	900.0	774.6	770.8	1.5	1.8	127.87	-376.6	484.2	623.6	620.6	2.96	210.584			
1,000.0	1,000.0	873.0	867.6	1.7	2.1	127.84	-387.2	498.4	641.6	638.2	3.33	192.485			
1,100.0	1,100.0	971.3	964.4	1.9	2.5	127.82	-397.8	512.5	659.6	655.8	3.71	177.945			
1,200.0	1,200.0	1,069.7	1,061.1	2.1	2.8	127.79	-408.4	526.7	677.5	673.5	4.08	166.018			
1,300.0	1,300.0	1,167.9	1,157.7	2.2	3.1	105.08	-419.0	540.8	696.2	691.9	4.28	162.648			
1,400.0	1,399.6	1,265.6	1,253.9	2.4	3.5	105.14	-429.6	554.9	716.2	711.6	4.63	154.589			
1,500.0	1,499.2	1,363.1	1,349.7	2.6	3.8	105.85	-440.1	568.9	736.9	731.9	5.00	147.457			
1,600.0	1,598.7	1,460.5	1,445.6	2.8	4.2	106.52	-450.6	582.9	757.6	752.3	5.37	141.117			
1,700.0	1,698.2	1,557.9	1,541.4	3.0	4.5	107.15	-461.2	596.9	778.5	772.7	5.75	135.470			
1,800.0	1,797.7	1,655.4	1,637.3	3.3	4.9	107.75	-471.7	610.9	799.4	793.3	6.13	130.427			
1,900.0	1,897.2	1,752.8	1,733.1	3.5	5.2	108.32	-482.2	625.0	820.4	813.9	6.52	125.909			
2,000.0	1,996.7	1,850.3	1,829.0	3.7	5.6	108.87	-492.7	639.0	841.5	834.6	6.91	121.844			
2,100.0	2,096.2	1,947.7	1,924.9	3.9	5.9	109.38	-503.3	653.0	862.7	855.4	7.30	118.175			
2,200.0	2,195.8	2,045.2	2,020.7	4.2	6.3	109.87	-513.8	667.0	883.9	876.2	7.70	114.851			
2,300.0	2,295.3	2,142.6	2,116.6	4.4	6.6	110.34	-524.3	681.0	905.2	897.1	8.09	111.826			
2,400.0	2,394.8	2,240.1	2,212.4	4.6	7.0	110.79	-534.8	695.0	926.5	918.0	8.50	109.066			
2,500.0	2,494.3	2,337.5	2,308.3	4.8	7.3	111.21	-545.3	709.1	947.9	939.0	8.90	106.538			
2,600.0	2,593.8	2,435.0	2,404.1	5.1	7.7	111.62	-555.9	723.1	969.3	960.0	9.30	104.216			
2,700.0	2,693.3	2,532.4	2,500.0	5.3	8.0	112.01	-566.4	737.1	990.8	981.1	9.71	102.075			
2,800.0	2,792.8	2,629.9	2,595.9	5.5	8.4	112.39	-576.9	751.1	1,012.3	1,002.2	10.11	100.097			
2,900.0	2,892.4	2,727.3	2,691.7	5.8	8.8	112.74	-587.4	765.1	1,033.9	1,023.4	10.52	98.265			
3,000.0	2,991.9	2,824.8	2,787.6	6.0	9.1	113.09	-598.0	779.2	1,055.5	1,044.6	10.93	96.562			
3,100.0	3,091.4	2,922.2	2,883.4	6.3	9.5	113.42	-608.5	793.2	1,077.1	1,065.8	11.34	94.976			
3,200.0	3,190.9	3,019.7	2,979.3	6.5	9.8	113.73	-619.0	807.2	1,098.8	1,087.1	11.75	93.496			
3,300.0	3,290.4	3,117.1	3,075.1	6.7	10.2	114.04	-629.5	821.2	1,120.5	1,108.3	12.16	92.112			
3,400.0	3,389.9	3,214.5	3,171.0	7.0	10.5	114.33	-640.1	835.2	1,142.2	1,129.7	12.58	90.815			
3,500.0	3,489.4	3,312.0	3,266.9	7.2	10.9	114.61	-650.6	849.2	1,164.0	1,151.0	12.99	89.596			
3,600.0	3,589.0	3,409.4	3,362.7	7.5	11.2	114.89	-661.1	863.3	1,185.8	1,172.4	13.41	88.451			
3,700.0	3,688.5	3,506.9	3,458.6	7.7	11.6	115.15	-671.6	877.3	1,207.6	1,193.8	13.82	87.371			
3,800.0	3,788.0	3,604.3	3,554.4	7.9	11.9	115.40	-682.1	891.3	1,229.4	1,215.2	14.24	86.352			
3,900.0	3,887.5	3,701.8	3,650.3	8.2	12.3	115.64	-692.7	905.3	1,251.3	1,236.6	14.65	85.388			
4,000.0	3,987.0	3,799.2	3,746.2	8.4	12.6	115.88	-703.2	919.3	1,273.1	1,258.1	15.07	84.476			
7,600.0	7,370.5	7,421.6	7,353.5	13.9	18.9	-75.22	-812.3	1,064.7	1,215.8	1,187.9	27.89	43.590			
7,700.0	7,386.5	7,437.6	7,369.5	14.0	18.9	-86.04	-812.3	1,064.7	1,145.8	1,117.0	28.78	39.807			
7,800.0	7,388.0	7,439.1	7,371.0	14.4	18.9	-90.00	-812.3	1,064.7	1,079.8	1,050.6	29.18	37.001			
7,900.0	7,388.0	7,439.1	7,371.0	15.0	18.9	-90.00	-812.3	1,064.7	1,019.4	989.6	29.78	34.226			
8,000.0	7,388.0	7,439.1	7,371.0	15.7	18.9	-90.00	-812.3	1,064.7	965.6	935.0	30.56	31.592			
8,100.0	7,388.0	7,439.1	7,371.0	16.7	18.9	-90.00	-812.3	1,064.7	919.6	888.1	31.50	29.194			
8,200.0	7,388.0	7,439.1	7,371.0	17.7	18.9	-90.00	-812.3	1,064.7	882.5	849.9	32.56	27.103			
8,300.0	7,388.0	7,439.1	7,371.0	18.8	18.9	-90.00	-812.3	1,064.7	855.6	821.8	33.73	25.365			
8,400.0	7,388.0	7,439.1	7,371.0	20.1	18.9	-90.00	-812.3	1,064.7	839.7	804.8	34.99	24.003			
8,484.0	7,388.0	7,439.1	7,371.0	21.1	18.9	-90.00	-812.3	1,064.7	835.5	799.4	36.10	23.144			
8,500.0	7,388.0	7,439.1	7,371.0	21.4	18.9	-90.00	-812.3	1,064.7	835.7	799.4	36.31	23.013			

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 Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 4-2-2 (Existing) - DD - Plan #1													Offset Site Error: 0.0 ft		
Survey Program: 0-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			
8,600.0	7,388.0	7,439.1	7,371.0	22.7	18.9	-90.00	-812.3	1,064.7	843.5	805.8	37.70	22.375			
8,700.0	7,388.0	7,439.1	7,371.0	24.1	18.9	-90.00	-812.3	1,064.7	863.0	823.8	39.13	22.052			
8,800.0	7,388.0	7,439.1	7,371.0	25.6	18.9	-90.00	-812.3	1,064.7	893.3	852.7	40.61	21.997 SF			
8,900.0	7,388.0	7,439.1	7,371.0	27.1	18.9	-90.00	-812.3	1,064.7	933.3	891.2	42.12	22.160			
9,000.0	7,388.0	7,439.1	7,371.0	28.6	18.9	-90.00	-812.3	1,064.7	982.0	938.3	43.66	22.494			
9,100.0	7,388.0	7,439.1	7,371.0	30.1	18.9	-90.00	-812.3	1,064.7	1,038.0	992.8	45.22	22.957			
9,200.0	7,388.0	7,439.1	7,371.0	31.7	18.9	-90.00	-812.3	1,064.7	1,100.3	1,053.5	46.80	23.512			
9,300.0	7,388.0	7,439.1	7,371.0	33.3	18.9	-90.00	-812.3	1,064.7	1,167.9	1,119.5	48.40	24.131			
9,400.0	7,388.0	7,439.1	7,371.0	34.9	18.9	-90.00	-812.3	1,064.7	1,239.8	1,189.8	50.01	24.791			

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria 4-4-2 (Existing) - DD - DD													Offset Site Error:	0.0 ft
Survey Program:		840-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)				
9,000.0	7,388.0	7,387.3	7,380.7	28.6	13.9	-89.64	-2,245.3	1,074.2	1,247.0	1,205.1	41.90	29.762		
9,100.0	7,388.0	7,387.2	7,380.7	30.1	13.9	-89.64	-2,245.3	1,074.2	1,175.4	1,132.0	43.46	27.046		
9,200.0	7,388.0	7,387.1	7,380.6	31.7	13.9	-89.63	-2,245.3	1,074.2	1,108.2	1,063.2	45.04	24.605		
9,300.0	7,388.0	7,387.1	7,380.6	33.3	13.9	-89.63	-2,245.3	1,074.2	1,046.3	999.7	46.64	22.434		
9,400.0	7,388.0	7,387.0	7,380.5	34.9	13.9	-89.63	-2,245.3	1,074.2	990.6	942.4	48.25	20.530		
9,500.0	7,388.0	7,387.0	7,380.5	36.5	13.9	-89.62	-2,245.3	1,074.2	942.3	892.4	49.88	18.892		
9,600.0	7,388.0	7,386.9	7,380.4	38.1	13.9	-89.62	-2,245.3	1,074.2	902.5	851.0	51.52	17.519		
9,700.0	7,388.0	7,386.9	7,380.3	39.8	13.9	-89.62	-2,245.3	1,074.2	872.4	819.3	53.17	16.410		
9,800.0	7,388.0	7,386.8	7,380.3	41.4	13.9	-89.61	-2,245.3	1,074.2	853.1	798.3	54.82	15.561		
9,900.0	7,388.0	7,386.7	7,380.2	43.1	13.9	-89.61	-2,245.3	1,074.2	845.2	788.7	56.49	14.963		
9,917.0	7,388.0	7,386.7	7,380.2	43.4	13.9	-89.61	-2,245.3	1,074.2	845.0	788.2	56.77	14.885 CC, ES		
10,000.0	7,388.0	7,386.7	7,380.2	44.8	13.9	-89.60	-2,245.3	1,074.2	849.1	790.9	58.16	14.600		
10,100.0	7,388.0	7,386.6	7,380.1	46.4	13.9	-89.60	-2,245.3	1,074.2	864.6	804.8	59.84	14.450 SF		
10,200.0	7,388.0	7,386.6	7,380.0	48.1	13.9	-89.60	-2,245.3	1,074.2	891.1	829.6	61.52	14.486		
10,300.0	7,388.0	7,386.5	7,380.0	49.8	13.9	-89.59	-2,245.3	1,074.2	927.8	864.5	63.21	14.678		
10,400.0	7,388.0	7,386.5	7,379.9	51.5	13.9	-89.59	-2,245.3	1,074.2	973.3	908.4	64.90	14.997		
10,500.0	7,388.0	7,386.4	7,379.9	53.2	13.9	-89.58	-2,245.3	1,074.2	1,026.6	960.0	66.59	15.416		
10,600.0	7,388.0	7,386.3	7,379.8	54.9	13.9	-89.58	-2,245.3	1,074.2	1,086.5	1,018.2	68.29	15.909		
10,700.0	7,388.0	7,386.3	7,379.8	56.6	13.9	-89.58	-2,245.3	1,074.2	1,152.0	1,082.0	70.00	16.458		
10,800.0	7,388.0	7,386.2	7,379.7	58.3	13.9	-89.57	-2,245.3	1,074.2	1,222.2	1,150.5	71.70	17.045		

# Anticollision Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Echeverria 2B-2H
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Reference Site:</b>	S2-T2N-R67W (Echevarria)	<b>MD Reference:</b>	WELL @ 4871.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Echeverria 2B-2H	<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 #1	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design S2-T2N-R67W (Echevarria) - Echeverria C-2-320-W (Existing) - Existing - Existing													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Total Uncertainty Axis	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
8,700.0	7,388.0	7,478.7	7,393.3	24.1	21.8	95.80	-2,209.4	-39.2	1,211.6	1,174.0	37.56	32.259		
8,800.0	7,388.0	7,470.8	7,385.7	25.6	21.8	94.22	-2,210.1	-37.3	1,114.3	1,075.2	39.10	28.495		
8,900.0	7,388.0	7,462.9	7,378.1	27.1	21.7	92.62	-2,210.7	-35.3	1,017.5	976.8	40.67	25.018		
9,000.0	7,388.0	7,455.1	7,370.5	28.6	21.7	90.99	-2,211.3	-33.4	921.2	879.0	42.24	21.808		
9,100.0	7,388.0	7,447.3	7,363.0	30.1	21.7	89.34	-2,211.9	-31.5	825.8	782.0	43.81	18.849		
9,200.0	7,388.0	7,439.5	7,355.4	31.7	21.6	87.66	-2,212.5	-29.6	731.6	686.2	45.38	16.123		
9,300.0	7,388.0	7,431.7	7,347.9	33.3	21.6	85.97	-2,213.1	-27.7	639.0	592.1	46.92	13.618		
9,400.0	7,388.0	7,423.9	7,340.4	34.9	21.6	84.27	-2,213.7	-25.8	548.9	500.5	48.44	11.332		
9,500.0	7,388.0	7,416.2	7,332.9	36.5	21.5	82.55	-2,214.3	-23.9	462.8	412.8	49.93	9.269		
9,600.0	7,388.0	7,408.5	7,325.4	38.1	21.5	80.83	-2,214.9	-22.0	383.2	331.9	51.37	7.460		
9,700.0	7,388.0	7,400.7	7,318.0	39.8	21.4	79.10	-2,215.5	-20.1	315.4	262.6	52.77	5.977		
9,800.0	7,388.0	7,393.0	7,310.5	41.4	21.4	77.36	-2,216.1	-18.2	268.3	214.2	54.13	4.957		
9,888.3	7,388.0	7,386.2	7,304.0	42.9	21.4	75.83	-2,216.7	-16.5	253.4	198.1	55.27	4.585 CC, ES		
9,900.0	7,388.0	7,385.3	7,303.1	43.1	21.4	75.63	-2,216.7	-16.3	253.7	198.3	55.42	4.577 SF		
10,000.0	7,388.0	7,377.7	7,295.7	44.8	21.3	73.90	-2,217.3	-14.4	276.8	220.1	56.66	4.885		
10,100.0	7,388.0	7,370.0	7,288.3	46.4	21.3	72.18	-2,217.9	-12.6	329.8	271.9	57.83	5.703		
10,200.0	7,388.0	7,362.4	7,280.9	48.1	21.3	70.47	-2,218.5	-10.7	401.0	342.0	58.93	6.804		
10,300.0	7,388.0	7,354.7	7,273.5	49.8	21.2	68.77	-2,219.1	-8.9	482.3	422.4	59.97	8.044		
10,400.0	7,388.0	7,347.1	7,266.2	51.5	21.2	67.09	-2,219.7	-7.0	569.6	508.7	60.93	9.348		
10,500.0	7,388.0	7,339.5	7,258.8	53.2	21.2	65.42	-2,220.3	-5.2	660.4	598.6	61.83	10.681		
10,600.0	7,388.0	7,331.9	7,251.5	54.9	21.1	63.78	-2,220.8	-3.3	753.4	690.8	62.65	12.026		
10,700.0	7,388.0	7,324.4	7,244.2	56.6	21.1	62.16	-2,221.4	-1.5	848.0	784.6	63.40	13.375		
10,800.0	7,388.0	7,316.8	7,236.9	58.3	21.0	60.56	-2,222.0	0.3	943.6	879.5	64.08	14.726		
10,900.0	7,388.0	7,309.3	7,229.6	60.0	21.0	59.00	-2,222.6	2.2	1,040.0	975.3	64.69	16.077		
11,000.0	7,388.0	7,301.8	7,222.3	61.7	21.0	57.46	-2,223.2	4.0	1,137.0	1,071.7	65.23	17.429		
11,100.0	7,388.0	7,294.3	7,215.0	63.4	20.9	55.95	-2,223.7	5.8	1,234.4	1,168.7	65.71	18.785		

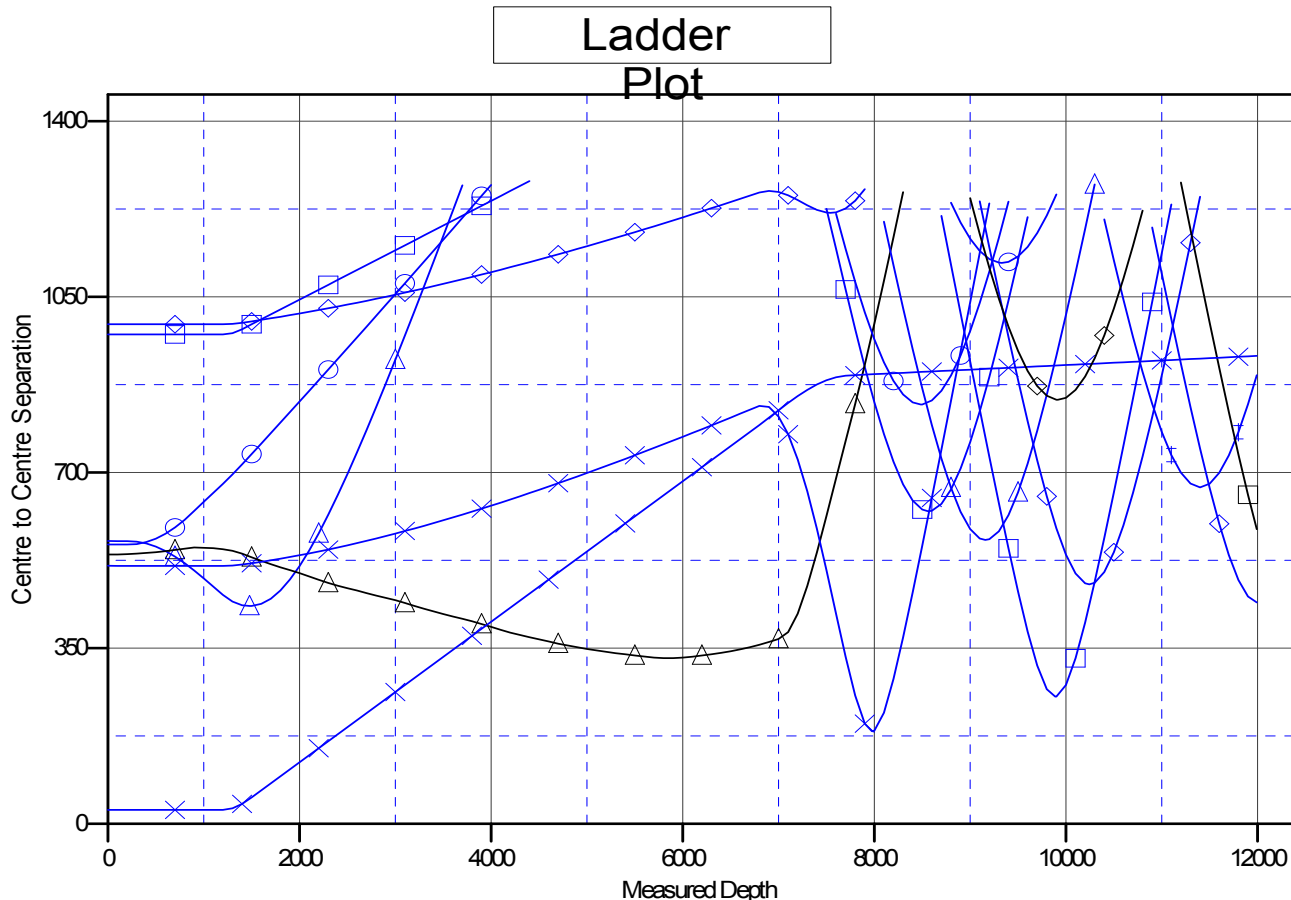
# Anticollision Report

**Company:** EnCana Oil & Gas (USA) Inc  
**Project:** DJ Wattenberg  
**Reference Site:** S2-T2N-R67W (Echeverria)  
**Site Error:** 0.0ft  
**Reference Well:** Echeverria 2B-2H  
**Well Error:** 0.0ft  
**Reference Wellbore:** Hz  
**Reference Design:** Plan #1

**Local Co-ordinate Reference:** Well Echeverria 2B-2H  
**TVD Reference:** WELL @ 4871.0ft (Original Well Elev)  
**MD Reference:** WELL @ 4871.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature  
**Output errors are at** 2.00 sigma  
**Database:** USA EDM 5000 Multi Users DB  
**Offset TVD Reference:** Offset Datum

Reference Depths are relative to WELL @ 4871.0ft (Original Well Elev)  
 Offset Depths are relative to Offset Datum  
 Central Meridian is -105.500000 °

Coordinates are relative to: Echeverria 2B-2H  
 Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Grid Convergence at Surface is: 0.41°



## LEGEND

Echeverria 0-2-2 (Existing), DD, Plan #1 V0	▲ Echeverria 2-0-2 (Existing), DD, DD V0	■ Echeverria 2-8-2 (Existing), DD, DD V0
Echeverria 1 (Existing), Existing, Existing V0	✕ Echeverria 21-2 (Existing), Existing, Existing V0	✕ Echeverria 2A-2H, Hz, Plan #1 V0
Echeverria 11-2 (Existing), Existing, Existing V0	▲ Echeverria 22-2 (Existing), Existing, Existing V0	○ Echeverria 4-2-2 (Existing), DD, Plan #1 V0
Echeverria 1-2 (Existing), Existing, Existing V0	◆ Echeverria 23-2 (Existing), Existing, Existing V0	◆ Echeverria 4-4-2 (Existing), DD, DD V0
Echeverria 12-2 (Existing), Existing, Existing V0	◆ Echeverria 24-2 (Existing), Existing, Existing V0	■ Echeverria C-2-320-W (Existing), Existing, Existing V0