

Planning Report

Database:	EDM 5000.1 US Multi Users DB	Local Co-ordinate Reference:	Well McConahay 1A-34H
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Project:	DJ Wattenberg	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site:	NENE S34-T2N-R66W	North Reference:	True
Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1 12/100		

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

Site		NENE S34-T2N-R66W			
Site Position:		Northing:	1,280,109.38 ft	Latitude:	40.099880
From:	Lat/Long	Easting:	3,208,491.04 ft	Longitude:	-104.754720
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	0.48 °

Well	McConahay 1A-34H					
Well Position	+N/-S	0.0 ft	Northing:	1,280,109.38 ft	Latitude:	40.099880
	+E/-W	0.0 ft	Easting:	3,208,491.04 ft	Longitude:	-104.754720
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,072.0 ft

Wellbore	Hz				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	3/8/2011	8.83	66.83	53,023

Design	Plan #1 12/100			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	251.46

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,067.9	8.15	71.40	5,067.7	1.5	4.6	12.00	12.00	0.00	71.40	
6,853.3	8.15	71.40	6,835.0	82.3	244.5	0.00	0.00	0.00	0.00	
7,679.5	91.00	251.46	7,380.1	-70.6	-211.6	12.00	10.03	-21.78	-179.94	
12,039.5	91.00	251.46	7,304.0	-1,456.7	-4,344.7	0.00	0.00	0.00	0.00	McConahay 1A-34H F

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Site:	NENE S34-T2N-R66W	North Reference:	True
Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1 12/100		

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	McConahay 1A-34H SHL - McConahay 1A-34H
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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	
4,657.0	0.00	0.00	4,657.0	0.0	0.0	0.0	0.00	0.00	
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	Sussex
4,867.0	0.00	0.00	4,867.0	0.0	0.0	0.0	0.00	0.00	
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	
4,867.0	0.00	0.00	4,867.0	0.0	0.0	0.0	0.00	0.00	Sussex Marker
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	

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Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1 12/100		

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
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	KOP @ 5000'
5,067.9	8.15	71.40	5,067.7	1.5	4.6	-4.8	12.00	12.00	EOB; Inc=8°
5,100.0	8.15	71.40	5,099.4	3.0	8.9	-9.4	0.00	0.00	
5,200.0	8.15	71.40	5,198.4	7.5	22.3	-23.5	0.00	0.00	
5,213.7	8.15	71.40	5,212.0	8.1	24.2	-25.5	0.00	0.00	Shannon
5,300.0	8.15	71.40	5,297.4	12.0	35.8	-37.7	0.00	0.00	
5,400.0	8.15	71.40	5,396.4	16.6	49.2	-51.9	0.00	0.00	
5,500.0	8.15	71.40	5,495.4	21.1	62.6	-66.1	0.00	0.00	
5,600.0	8.15	71.40	5,594.4	25.6	76.1	-80.3	0.00	0.00	
5,700.0	8.15	71.40	5,693.4	30.1	89.5	-94.4	0.00	0.00	
5,800.0	8.15	71.40	5,792.4	34.6	102.9	-108.6	0.00	0.00	
5,900.0	8.15	71.40	5,891.4	39.2	116.4	-122.8	0.00	0.00	
6,000.0	8.15	71.40	5,990.4	43.7	129.8	-137.0	0.00	0.00	
6,100.0	8.15	71.40	6,089.3	48.2	143.2	-151.1	0.00	0.00	
6,200.0	8.15	71.40	6,188.3	52.7	156.7	-165.3	0.00	0.00	
6,300.0	8.15	71.40	6,287.3	57.2	170.1	-179.5	0.00	0.00	
6,400.0	8.15	71.40	6,386.3	61.8	183.6	-193.7	0.00	0.00	
6,500.0	8.15	71.40	6,485.3	66.3	197.0	-207.8	0.00	0.00	
6,600.0	8.15	71.40	6,584.3	70.8	210.4	-222.0	0.00	0.00	
6,700.0	8.15	71.40	6,683.3	75.3	223.9	-236.2	0.00	0.00	
6,800.0	8.15	71.40	6,782.3	79.8	237.3	-250.4	0.00	0.00	
6,853.3	8.15	71.40	6,835.0	82.3	244.5	-257.9	0.00	0.00	Start 12° Build @ 6853' MD
6,900.0	2.54	71.28	6,881.5	83.6	248.6	-262.3	12.00	-12.00	
7,000.0	9.46	251.51	6,981.2	81.7	242.9	-256.3	12.00	6.91	
7,100.0	21.46	251.48	7,077.4	73.3	217.6	-229.7	12.00	12.00	
7,200.0	33.46	251.47	7,165.9	58.7	174.0	-183.6	12.00	12.00	
7,224.5	36.39	251.47	7,186.0	54.2	160.7	-169.6	12.00	12.00	Sharon Springs
7,279.1	42.95	251.47	7,228.0	43.2	127.7	-134.8	12.00	12.00	Niobrara
7,300.0	45.46	251.47	7,243.0	38.5	113.9	-120.2	12.00	12.00	
7,397.8	57.19	251.47	7,304.0	14.3	41.6	-44.0	12.00	12.00	B Bench
7,400.0	57.46	251.47	7,305.2	13.7	39.8	-42.1	12.00	12.00	
7,500.0	69.46	251.46	7,349.8	-14.7	-44.8	47.2	12.00	12.00	
7,600.0	81.46	251.46	7,374.9	-45.4	-136.4	143.8	12.00	12.00	
7,679.5	91.00	251.46	7,380.1	-70.6	-211.6	223.1	12.00	12.00	Landing Pt @ 7380' TVD, 91°
7,700.0	91.00	251.46	7,379.7	-77.1	-231.0	243.5	0.00	0.00	
7,800.0	91.00	251.46	7,378.0	-108.9	-325.8	343.5	0.00	0.00	
7,900.0	91.00	251.46	7,376.2	-140.7	-420.6	443.5	0.00	0.00	
8,000.0	91.00	251.46	7,374.5	-172.5	-515.4	543.5	0.00	0.00	
8,100.0	91.00	251.46	7,372.8	-204.3	-610.2	643.5	0.00	0.00	
8,200.0	91.00	251.46	7,371.0	-236.1	-705.0	743.4	0.00	0.00	
8,300.0	91.00	251.46	7,369.3	-267.9	-799.8	843.4	0.00	0.00	
8,400.0	91.00	251.46	7,367.5	-299.7	-894.6	943.4	0.00	0.00	
8,500.0	91.00	251.46	7,365.8	-331.5	-989.4	1,043.4	0.00	0.00	
8,600.0	91.00	251.46	7,364.0	-363.2	-1,084.2	1,143.4	0.00	0.00	
8,700.0	91.00	251.46	7,362.3	-395.0	-1,179.0	1,243.4	0.00	0.00	
8,800.0	91.00	251.46	7,360.5	-426.8	-1,273.7	1,343.4	0.00	0.00	
8,900.0	91.00	251.46	7,358.8	-458.6	-1,368.5	1,443.3	0.00	0.00	
9,000.0	91.00	251.46	7,357.0	-490.4	-1,463.3	1,543.3	0.00	0.00	
9,100.0	91.00	251.46	7,355.3	-522.2	-1,558.1	1,643.3	0.00	0.00	
9,200.0	91.00	251.46	7,353.6	-554.0	-1,652.9	1,743.3	0.00	0.00	
9,300.0	91.00	251.46	7,351.8	-585.8	-1,747.7	1,843.3	0.00	0.00	
9,400.0	91.00	251.46	7,350.1	-617.6	-1,842.5	1,943.3	0.00	0.00	

Planning Report

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Project:	DJ Wattenberg	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site:	NENE S34-T2N-R66W	North Reference:	True
Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1 12/100		

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
9,500.0	91.00	251.46	7,348.3	-649.4	-1,937.3	2,043.3	0.00	0.00	
9,600.0	91.00	251.46	7,346.6	-681.2	-2,032.1	2,143.2	0.00	0.00	
9,700.0	91.00	251.46	7,344.8	-713.0	-2,126.9	2,243.2	0.00	0.00	
9,800.0	91.00	251.46	7,343.1	-744.7	-2,221.7	2,343.2	0.00	0.00	
9,900.0	91.00	251.46	7,341.3	-776.5	-2,316.5	2,443.2	0.00	0.00	
10,000.0	91.00	251.46	7,339.6	-808.3	-2,411.3	2,543.2	0.00	0.00	
10,100.0	91.00	251.46	7,337.8	-840.1	-2,506.1	2,643.2	0.00	0.00	
10,200.0	91.00	251.46	7,336.1	-871.9	-2,600.9	2,743.1	0.00	0.00	
10,300.0	91.00	251.46	7,334.4	-903.7	-2,695.7	2,843.1	0.00	0.00	
10,400.0	91.00	251.46	7,332.6	-935.5	-2,790.5	2,943.1	0.00	0.00	
10,500.0	91.00	251.46	7,330.9	-967.3	-2,885.3	3,043.1	0.00	0.00	
10,600.0	91.00	251.46	7,329.1	-999.1	-2,980.1	3,143.1	0.00	0.00	
10,700.0	91.00	251.46	7,327.4	-1,030.9	-3,074.9	3,243.1	0.00	0.00	
10,800.0	91.00	251.46	7,325.6	-1,062.7	-3,169.7	3,343.1	0.00	0.00	
10,900.0	91.00	251.46	7,323.9	-1,094.5	-3,264.5	3,443.0	0.00	0.00	
11,000.0	91.00	251.46	7,322.1	-1,126.2	-3,359.3	3,543.0	0.00	0.00	
11,100.0	91.00	251.46	7,320.4	-1,158.0	-3,454.0	3,643.0	0.00	0.00	
11,200.0	91.00	251.46	7,318.7	-1,189.8	-3,548.8	3,743.0	0.00	0.00	
11,300.0	91.00	251.46	7,316.9	-1,221.6	-3,643.6	3,843.0	0.00	0.00	
11,400.0	91.00	251.46	7,315.2	-1,253.4	-3,738.4	3,943.0	0.00	0.00	
11,500.0	91.00	251.46	7,313.4	-1,285.2	-3,833.2	4,042.9	0.00	0.00	
11,600.0	91.00	251.46	7,311.7	-1,317.0	-3,928.0	4,142.9	0.00	0.00	
11,700.0	91.00	251.46	7,309.9	-1,348.8	-4,022.8	4,242.9	0.00	0.00	
11,800.0	91.00	251.46	7,308.2	-1,380.6	-4,117.6	4,342.9	0.00	0.00	
11,900.0	91.00	251.46	7,306.4	-1,412.4	-4,212.4	4,442.9	0.00	0.00	
12,000.0	91.00	251.46	7,304.7	-1,444.2	-4,307.2	4,542.9	0.00	0.00	
12,039.5	91.00	251.46	7,304.0	-1,456.7	-4,344.7	4,582.4	0.00	0.00	TD at 12039.5 - McConahay 1A-34H PBHL

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
McConahay 1A-34H SHI	0.00	0.00	-7,200.0	0.0	0.0	1,280,109.38	3,208,491.04	40.099880	-104.754720
- plan misses target center by 7200.0ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Polygon									
Point 1			-7,200.0	766.0	274.0	1,280,877.66	3,208,758.59		
Point 2			-7,200.0	766.0	-500.0	1,280,871.15	3,207,984.62		
Point 3			-7,200.0	766.0	274.0	1,280,877.66	3,208,758.59		
Point 4			-7,200.0	-500.0	274.0	1,279,611.70	3,208,769.23		
McConahay 1A-34H 46C	0.00	0.00	-7,200.0	0.0	0.0	1,280,109.38	3,208,491.04	40.099880	-104.754720
- plan misses target center by 7200.0ft at 0.0ft MD (0.0 TVD, 0.0 N, 0.0 E)									
- Polygon									
Point 1			-7,200.0	200.0	-186.0	1,280,307.81	3,208,303.36		
Point 2			-7,200.0	-400.0	-186.0	1,279,707.83	3,208,308.41		
McConahay 1A-34H PBI	0.00	0.00	7,304.0	-1,456.7	-4,344.7	1,278,616.19	3,204,158.76	40.095880	-104.770250
- plan hits target center									
- Point									

Planning Report

Database:	EDM 5000.1 US Multi Users DB	Local Co-ordinate Reference:	Well McConahay 1A-34H
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Project:	DJ Wattenberg	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site:	NENE S34-T2N-R66W	North Reference:	True
Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Hz		
Design:	Plan #1 12/100		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
4,657.0	4,657.0	Sussex				
4,867.0	4,867.0	Sussex Marker				
5,213.7	5,212.0	Shannon				
7,224.5	7,186.0	Sharon Springs				
7,279.1	7,228.0	Niobrara				
7,397.8	7,304.0	B Bench		0.00		

Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
5,000.0	5,000.0	0.0	0.0	KOP @ 5000'	
5,067.9	5,067.7	1.5	4.6	EOB; Inc=8°	
6,853.3	6,835.0	82.3	244.5	Start 12° Build @ 6853' MD	
7,679.5	7,380.1	-70.6	-211.6	Landing Pt @ 7380' TVD, 91°	
12,039.5	7,304.0	-1,456.7	-4,344.7	TD at 12039.5	

EnCana Oil & Gas (USA) Inc

DJ Wattenberg

NENE S34-T2N-R66W

McConahay 1A-34H

Hz

Plan #1 12/100

Anticollision Report

10 March, 2011

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Reference	Plan #1 12/100		
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 1,000.0ft	Error Surface:	Elliptical Conic
Warning Levels Evaluated at:	2.00 Sigma		

Survey Tool Program	Date	3/10/2011		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	12,039.5	Plan #1 12/100 (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
Offset Well - Wellbore - Design						
NENE S34-T2N-R66W						
Conner 22-34 (Existing) - DD - DD	10,751.7	7,315.5	236.1	140.3	2.463	CC, ES, SF
McConahay #1 (Existing) - DD - DD	9,050.6	7,345.2	380.2	324.3	6.806	CC, ES
McConahay #1 (Existing) - DD - DD	9,100.0	7,344.3	383.4	326.4	6.727	SF
McConahay 41-34 (Existing) - DD - DD	7,802.6	7,366.9	219.5	189.7	7.365	CC, ES, SF
McConahay 41-34A (Existing) - VH - VH	7,800.7	7,370.0	222.7	192.9	7.480	CC, ES, SF
McConahay 6-4-34 (Existing) - DD - DD	9,002.8	7,346.0	385.5	330.7	7.039	CC, ES
McConahay 6-4-34 (Existing) - DD - DD	9,100.0	7,344.3	397.6	340.6	6.975	SF
Ranchero 32-34 (Existing) - DD - DD	9,450.3	7,338.2	560.8	495.7	8.612	CC, ES
Ranchero 32-34 (Existing) - DD - DD	9,600.0	7,335.6	580.5	511.9	8.459	SF

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - Conner 22-34 (Existing) - DD - DD													Offset Site Error: 0.0 ft
Survey Program: 8000-MWD													Offset Well Error: 0.0 ft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
9,800.0	7,343.1	7,332.1	7,332.1	60.5	12.8	-94.02	-1,271.2	-3,048.8	980.4	907.3	73.15	13.402	
9,900.0	7,341.3	7,330.3	7,330.3	62.9	12.8	-93.60	-1,271.2	-3,048.8	883.7	808.2	75.53	11.699	
10,000.0	7,339.6	7,328.6	7,328.6	65.3	12.8	-93.18	-1,271.2	-3,048.8	787.8	709.9	77.92	10.111	
10,100.0	7,337.8	7,326.8	7,326.8	67.6	12.8	-92.76	-1,271.2	-3,048.8	693.1	612.8	80.30	8.630	
10,200.0	7,336.1	7,325.1	7,325.1	70.0	12.8	-92.33	-1,271.2	-3,048.8	600.0	517.3	82.69	7.256	
10,300.0	7,334.4	7,323.4	7,323.4	72.4	12.8	-91.91	-1,271.2	-3,048.8	509.6	424.5	85.08	5.990	
10,400.0	7,332.6	7,321.6	7,321.6	74.7	12.8	-91.49	-1,271.2	-3,048.8	423.6	336.1	87.47	4.843	
10,500.0	7,330.9	7,319.9	7,319.9	77.1	12.8	-91.07	-1,271.2	-3,048.8	345.1	255.2	89.85	3.841	
10,600.0	7,329.1	7,318.1	7,318.1	79.5	12.8	-90.64	-1,271.2	-3,048.8	280.6	188.4	92.23	3.043	
10,700.0	7,327.4	7,316.4	7,316.4	81.9	12.8	-90.22	-1,271.2	-3,048.8	241.7	147.1	94.62	2.555	
10,751.7	7,326.5	7,315.5	7,315.5	83.1	12.7	-90.00	-1,271.2	-3,048.8	236.1	140.3	95.85	2.463 CC, ES, SF	
10,800.0	7,325.6	7,314.6	7,314.6	84.2	12.7	-89.80	-1,271.2	-3,048.8	241.0	144.0	96.99	2.485	
10,900.0	7,323.9	7,312.9	7,312.9	86.6	12.7	-89.37	-1,271.2	-3,048.8	278.8	179.4	99.37	2.806	
11,000.0	7,322.1	7,311.1	7,311.1	89.0	12.7	-88.95	-1,271.2	-3,048.8	342.6	240.9	101.74	3.367	
11,100.0	7,320.4	7,309.4	7,309.4	91.4	12.7	-88.53	-1,271.2	-3,048.8	420.7	316.6	104.11	4.041	
11,200.0	7,318.7	7,307.7	7,307.7	93.8	12.7	-88.10	-1,271.2	-3,048.8	506.6	400.1	106.47	4.758	
11,300.0	7,316.9	7,305.9	7,305.9	96.2	12.7	-87.68	-1,271.2	-3,048.8	596.9	488.1	108.83	5.485	
11,400.0	7,315.2	7,304.2	7,304.2	98.6	12.7	-87.26	-1,271.2	-3,048.8	689.9	578.7	111.18	6.205	
11,500.0	7,313.4	7,302.4	7,302.4	101.0	12.7	-86.83	-1,271.2	-3,048.8	784.6	671.0	113.52	6.911	
11,600.0	7,311.7	7,300.7	7,300.7	103.3	12.7	-86.41	-1,271.2	-3,048.8	880.4	764.6	115.86	7.599	
11,700.0	7,309.9	7,298.9	7,298.9	105.7	12.7	-85.99	-1,271.2	-3,048.8	977.1	858.9	118.19	8.267	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay #1 (Existing) - DD - DD												Offset Site Error:	0.0 ft
Survey Program: 8000-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	
8,200.0	7,371.0	7,360.0	7,360.0	24.3	12.8	-92.24	-867.0	-1,390.4	931.5	894.5	37.09	25.113	6.806 CC, ES 6.727 SF
8,300.0	7,369.3	7,358.3	7,358.3	26.4	12.8	-91.97	-867.0	-1,390.4	841.3	802.1	39.17	21.479	
8,400.0	7,367.5	7,356.5	7,356.5	28.5	12.8	-91.71	-867.0	-1,390.4	753.4	712.1	41.29	18.245	
8,500.0	7,365.8	7,354.8	7,354.8	30.7	12.8	-91.45	-867.0	-1,390.4	669.0	625.5	43.46	15.393	
8,600.0	7,364.0	7,353.0	7,353.0	32.9	12.8	-91.18	-867.0	-1,390.4	589.5	543.8	45.66	12.909	
8,700.0	7,362.3	7,351.3	7,351.3	35.1	12.8	-90.92	-867.0	-1,390.4	517.1	469.2	47.89	10.797	
8,800.0	7,360.5	7,349.5	7,349.5	37.3	12.8	-90.66	-867.0	-1,390.4	455.3	405.2	50.15	9.080	
8,900.0	7,358.8	7,347.8	7,347.8	39.6	12.8	-90.40	-867.0	-1,390.4	408.9	356.5	52.41	7.802	
9,000.0	7,357.0	7,346.0	7,346.0	41.9	12.8	-90.13	-867.0	-1,390.4	383.5	328.8	54.70	7.012	
9,050.6	7,356.2	7,345.2	7,345.2	43.1	12.8	-90.00	-867.0	-1,390.4	380.2	324.3	55.86		
9,100.0	7,355.3	7,344.3	7,344.3	44.2	12.8	-89.87	-867.0	-1,390.4	383.4	326.4	57.00		
9,200.0	7,353.6	7,342.6	7,342.6	46.5	12.8	-89.61	-867.0	-1,390.4	408.5	349.2	59.30	6.889	
9,300.0	7,351.8	7,340.8	7,340.8	48.8	12.8	-89.34	-867.0	-1,390.4	454.7	393.1	61.62	7.379	
9,400.0	7,350.1	7,339.1	7,339.1	51.2	12.8	-89.08	-867.0	-1,390.4	516.4	452.4	63.94	8.076	
9,500.0	7,348.3	7,337.3	7,337.3	53.5	12.8	-88.82	-867.0	-1,390.4	588.6	522.4	66.27	8.883	
9,600.0	7,346.6	7,335.6	7,335.6	55.8	12.8	-88.56	-867.0	-1,390.4	668.1	599.5	68.60	9.739	
9,700.0	7,344.8	7,333.8	7,333.8	58.2	12.8	-88.29	-867.0	-1,390.4	752.5	681.5	70.94	10.608	
9,800.0	7,343.1	7,332.1	7,332.1	60.5	12.8	-88.03	-867.0	-1,390.4	840.3	767.0	73.28	11.467	
9,900.0	7,341.3	7,330.3	7,330.3	62.9	12.8	-87.77	-867.0	-1,390.4	930.5	854.9	75.62	12.306	

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay 41-34 (Existing) - DD - DD													Offset Site Error:	0.0 ft
Survey Program: 8000-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	-76.12	98.4	-398.1	410.2					
100.0	100.0	89.0	89.0	0.2	0.2	-76.12	98.4	-398.1	410.0	409.7	0.31	1,328.332		
200.0	200.0	189.0	189.0	0.3	0.3	-76.12	98.4	-398.1	410.0	409.4	0.66	623.645		
300.0	300.0	289.0	289.0	0.5	0.5	-76.12	98.4	-398.1	410.0	409.0	1.01	407.477		
400.0	400.0	389.0	389.0	0.7	0.7	-76.12	98.4	-398.1	410.0	408.7	1.36	302.592		
500.0	500.0	489.0	489.0	0.9	0.9	-76.12	98.4	-398.1	410.0	408.3	1.70	240.649		
600.0	600.0	589.0	589.0	1.0	1.0	-76.12	98.4	-398.1	410.0	408.0	2.05	199.757		
700.0	700.0	689.0	689.0	1.2	1.2	-76.12	98.4	-398.1	410.0	407.6	2.40	170.744		
800.0	800.0	789.0	789.0	1.4	1.4	-76.12	98.4	-398.1	410.0	407.3	2.75	149.089		
900.0	900.0	889.0	889.0	1.5	1.5	-76.12	98.4	-398.1	410.0	406.9	3.10	132.309		
1,000.0	1,000.0	989.0	989.0	1.7	1.7	-76.12	98.4	-398.1	410.0	406.6	3.45	118.925		
1,100.0	1,100.0	1,089.0	1,089.0	1.9	1.9	-76.12	98.4	-398.1	410.0	406.2	3.80	107.999		
1,200.0	1,200.0	1,189.0	1,189.0	2.1	2.1	-76.12	98.4	-398.1	410.0	405.9	4.15	98.912		
1,300.0	1,300.0	1,289.0	1,289.0	2.2	2.2	-76.12	98.4	-398.1	410.0	405.5	4.49	91.236		
1,400.0	1,400.0	1,389.0	1,389.0	2.4	2.4	-76.12	98.4	-398.1	410.0	405.2	4.84	84.665		
1,500.0	1,500.0	1,489.0	1,489.0	2.6	2.6	-76.12	98.4	-398.1	410.0	404.9	5.19	78.977		
1,600.0	1,600.0	1,589.0	1,589.0	2.8	2.8	-76.12	98.4	-398.1	410.0	404.5	5.54	74.005		
1,700.0	1,700.0	1,689.0	1,689.0	2.9	2.9	-76.12	98.4	-398.1	410.0	404.2	5.89	69.622		
1,800.0	1,800.0	1,789.0	1,789.0	3.1	3.1	-76.12	98.4	-398.1	410.0	403.8	6.24	65.729		
1,900.0	1,900.0	1,889.0	1,889.0	3.3	3.3	-76.12	98.4	-398.1	410.0	403.5	6.59	62.249		
2,000.0	2,000.0	1,989.0	1,989.0	3.5	3.5	-76.12	98.4	-398.1	410.0	403.1	6.94	59.118		
2,100.0	2,100.0	2,089.0	2,089.0	3.6	3.6	-76.12	98.4	-398.1	410.0	402.8	7.28	56.288		
2,200.0	2,200.0	2,189.0	2,189.0	3.8	3.8	-76.12	98.4	-398.1	410.0	402.4	7.63	53.716		
2,300.0	2,300.0	2,289.0	2,289.0	4.0	4.0	-76.12	98.4	-398.1	410.0	402.1	7.98	51.369		
2,400.0	2,400.0	2,389.0	2,389.0	4.2	4.2	-76.12	98.4	-398.1	410.0	401.7	8.33	49.218		
2,500.0	2,500.0	2,489.0	2,489.0	4.3	4.3	-76.12	98.4	-398.1	410.0	401.4	8.68	47.240		
2,600.0	2,600.0	2,589.0	2,589.0	4.5	4.5	-76.12	98.4	-398.1	410.0	401.0	9.03	45.415		
2,700.0	2,700.0	2,689.0	2,689.0	4.7	4.7	-76.12	98.4	-398.1	410.0	400.7	9.38	43.726		
2,800.0	2,800.0	2,789.0	2,789.0	4.9	4.9	-76.12	98.4	-398.1	410.0	400.3	9.73	42.158		
2,900.0	2,900.0	2,889.0	2,889.0	5.0	5.0	-76.12	98.4	-398.1	410.0	400.0	10.08	40.698		
3,000.0	3,000.0	2,989.0	2,989.0	5.2	5.2	-76.12	98.4	-398.1	410.0	399.6	10.42	39.336		
3,100.0	3,100.0	3,089.0	3,089.0	5.4	5.4	-76.12	98.4	-398.1	410.0	399.3	10.77	38.063		
3,200.0	3,200.0	3,189.0	3,189.0	5.6	5.6	-76.12	98.4	-398.1	410.0	398.9	11.12	36.869		
3,300.0	3,300.0	3,289.0	3,289.0	5.7	5.7	-76.12	98.4	-398.1	410.0	398.6	11.47	35.748		
3,400.0	3,400.0	3,389.0	3,389.0	5.9	5.9	-76.12	98.4	-398.1	410.0	398.2	11.82	34.693		
3,500.0	3,500.0	3,489.0	3,489.0	6.1	6.1	-76.12	98.4	-398.1	410.0	397.9	12.17	33.698		
3,600.0	3,600.0	3,589.0	3,589.0	6.3	6.3	-76.12	98.4	-398.1	410.0	397.5	12.52	32.759		
3,700.0	3,700.0	3,689.0	3,689.0	6.4	6.4	-76.12	98.4	-398.1	410.0	397.2	12.87	31.871		
3,800.0	3,800.0	3,789.0	3,789.0	6.6	6.6	-76.12	98.4	-398.1	410.0	396.8	13.21	31.030		
3,900.0	3,900.0	3,889.0	3,889.0	6.8	6.8	-76.12	98.4	-398.1	410.0	396.5	13.56	30.232		
4,000.0	4,000.0	3,989.0	3,989.0	7.0	7.0	-76.12	98.4	-398.1	410.0	396.1	13.91	29.474		
4,100.0	4,100.0	4,089.0	4,089.0	7.1	7.1	-76.12	98.4	-398.1	410.0	395.8	14.26	28.753		
4,200.0	4,200.0	4,189.0	4,189.0	7.3	7.3	-76.12	98.4	-398.1	410.0	395.4	14.61	28.067		
4,300.0	4,300.0	4,289.0	4,289.0	7.5	7.5	-76.12	98.4	-398.1	410.0	395.1	14.96	27.412		
4,400.0	4,400.0	4,389.0	4,389.0	7.7	7.6	-76.12	98.4	-398.1	410.0	394.7	15.31	26.788		
4,500.0	4,500.0	4,489.0	4,489.0	7.8	7.8	-76.12	98.4	-398.1	410.0	394.4	15.66	26.191		
4,600.0	4,600.0	4,589.0	4,589.0	8.0	8.0	-76.12	98.4	-398.1	410.0	394.0	16.00	25.620		
4,700.0	4,700.0	4,689.0	4,689.0	8.2	8.2	-76.12	98.4	-398.1	410.0	393.7	16.35	25.073		
4,800.0	4,800.0	4,789.0	4,789.0	8.4	8.3	-76.12	98.4	-398.1	410.0	393.3	16.70	24.550		
4,900.0	4,900.0	4,889.0	4,889.0	8.5	8.5	-76.12	98.4	-398.1	410.0	393.0	17.05	24.048		
5,000.0	5,000.0	4,989.0	4,989.0	8.7	8.7	-76.12	98.4	-398.1	410.0	392.6	17.40	23.566		
5,100.0	5,099.4	5,088.4	5,088.4	8.9	8.9	-147.95	98.4	-398.1	418.0	400.3	17.66	23.664		

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

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay 41-34 (Existing) - DD - DD													Offset Site Error: 0.0 ft	
Survey Program: 8000-MWD													Offset Well Error: 0.0 ft	
Reference		Offset		Semi Major Axis			Distance				Total Uncertainty Axis	Separation Factor	Warning	
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
5,200.0	5,198.4	5,187.4	5,187.4	9.1	9.0	-148.95	98.4	-398.1	430.1	412.1	18.01	23.880		
5,300.0	5,297.4	5,286.4	5,286.4	9.3	9.2	-149.90	98.4	-398.1	442.3	424.0	18.36	24.093		
5,400.0	5,396.4	5,385.4	5,385.4	9.5	9.4	-150.79	98.4	-398.1	454.7	436.0	18.71	24.302		
5,500.0	5,495.4	5,484.4	5,484.4	9.7	9.6	-151.64	98.4	-398.1	467.1	448.1	19.06	24.508		
5,600.0	5,594.4	5,583.4	5,583.4	9.9	9.7	-152.44	98.4	-398.1	479.7	460.3	19.41	24.710		
5,700.0	5,693.4	5,682.4	5,682.4	10.1	9.9	-153.20	98.4	-398.1	492.3	472.6	19.76	24.909		
5,800.0	5,792.4	5,781.4	5,781.4	10.3	10.1	-153.93	98.4	-398.1	505.0	484.9	20.12	25.105		
5,900.0	5,891.4	5,880.4	5,880.4	10.5	10.2	-154.61	98.4	-398.1	517.8	497.4	20.47	25.298		
6,000.0	5,990.4	5,979.4	5,979.4	10.7	10.4	-155.27	98.4	-398.1	530.7	509.9	20.82	25.487		
6,100.0	6,089.3	6,078.3	6,078.3	11.0	10.6	-155.89	98.4	-398.1	543.6	522.5	21.18	25.673		
6,200.0	6,188.3	6,177.3	6,177.3	11.2	10.8	-156.49	98.4	-398.1	556.6	535.1	21.53	25.856		
6,300.0	6,287.3	6,276.3	6,276.3	11.4	10.9	-157.06	98.4	-398.1	569.7	547.8	21.88	26.035		
6,400.0	6,386.3	6,375.3	6,375.3	11.7	11.1	-157.60	98.4	-398.1	582.8	560.5	22.23	26.212		
6,500.0	6,485.3	6,474.3	6,474.3	11.9	11.3	-158.12	98.4	-398.1	595.9	573.3	22.59	26.385		
6,600.0	6,584.3	6,573.3	6,573.3	12.2	11.5	-158.61	98.4	-398.1	609.1	586.2	22.94	26.555		
6,700.0	6,683.3	6,672.3	6,672.3	12.4	11.6	-159.09	98.4	-398.1	622.4	599.1	23.29	26.722		
6,800.0	6,782.3	6,771.3	6,771.3	12.7	11.8	-159.55	98.4	-398.1	635.6	612.0	23.64	26.886		
6,900.0	6,881.5	6,870.5	6,870.5	12.9	12.0	-159.96	98.4	-398.1	646.8	622.7	24.09	26.847		
7,000.0	6,981.2	6,970.2	6,970.2	13.0	12.1	20.23	98.4	-398.1	641.2	617.0	24.20	26.492		
7,100.0	7,077.4	7,066.4	7,066.4	13.0	12.3	22.25	98.4	-398.1	616.2	592.5	23.73	25.969		
7,200.0	7,165.9	7,154.9	7,154.9	12.9	12.5	26.40	98.4	-398.1	573.5	550.6	22.88	25.066		
7,300.0	7,243.0	7,232.0	7,232.0	12.9	12.6	33.85	98.4	-398.1	515.4	493.2	22.17	23.247		
7,400.0	7,305.2	7,294.2	7,294.2	13.0	12.7	46.42	98.4	-398.1	446.0	423.4	22.62	19.720		
7,500.0	7,349.8	7,338.8	7,338.8	13.5	12.8	64.45	98.4	-398.1	370.9	346.1	24.77	14.972		
7,600.0	7,374.9	7,363.9	7,363.9	14.3	12.8	82.20	98.4	-398.1	298.5	271.6	26.96	11.074		
7,700.0	7,379.7	7,368.7	7,368.7	15.5	12.8	90.47	98.4	-398.1	242.3	214.0	28.31	8.557		
7,800.0	7,378.0	7,367.0	7,367.0	16.9	12.8	90.01	98.4	-398.1	219.5	189.7	29.76	7.376		
7,802.6	7,377.9	7,366.9	7,366.9	17.0	12.8	90.00	98.4	-398.1	219.5	189.7	29.80	7.365 CC, ES, SF		
7,900.0	7,376.2	7,365.2	7,365.2	18.6	12.8	89.56	98.4	-398.1	240.1	208.7	31.40	7.646		
8,000.0	7,374.5	7,363.5	7,363.5	20.4	12.8	89.10	98.4	-398.1	295.2	262.0	33.20	8.891		
8,100.0	7,372.8	7,361.8	7,361.8	22.3	12.8	88.65	98.4	-398.1	369.6	334.5	35.11	10.527		
8,200.0	7,371.0	7,360.0	7,360.0	24.3	12.8	88.19	98.4	-398.1	453.9	416.8	37.10	12.234		
8,300.0	7,369.3	7,358.3	7,358.3	26.4	12.8	87.74	98.4	-398.1	543.6	504.4	39.16	13.880		
8,400.0	7,367.5	7,356.5	7,356.5	28.5	12.8	87.28	98.4	-398.1	636.3	595.1	41.27	15.418		
8,500.0	7,365.8	7,354.8	7,354.8	30.7	12.8	86.83	98.4	-398.1	731.0	687.6	43.42	16.836		
8,600.0	7,364.0	7,353.0	7,353.0	32.9	12.8	86.37	98.4	-398.1	826.9	781.3	45.60	18.135		
8,700.0	7,362.3	7,351.3	7,351.3	35.1	12.8	85.92	98.4	-398.1	923.7	875.9	47.80	19.325		

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay 41-34A (Existing) - VH - VH													Offset Site Error:	0.0 ft
Survey Program: 8000-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	-75.60	102.0	-397.2	410.2					
100.0	100.0	92.0	92.0	0.2	0.2	-75.60	102.0	-397.2	410.1	409.8	0.31	1,306.705		
200.0	200.0	192.0	192.0	0.3	0.3	-75.60	102.0	-397.2	410.1	409.5	0.66	618.959		
300.0	300.0	292.0	292.0	0.5	0.5	-75.60	102.0	-397.2	410.1	409.1	1.01	405.524		
400.0	400.0	392.0	392.0	0.7	0.7	-75.60	102.0	-397.2	410.1	408.8	1.36	301.543		
500.0	500.0	492.0	492.0	0.9	0.9	-75.60	102.0	-397.2	410.1	408.4	1.71	240.003		
600.0	600.0	592.0	592.0	1.0	1.0	-75.60	102.0	-397.2	410.1	408.1	2.06	199.324		
700.0	700.0	692.0	692.0	1.2	1.2	-75.60	102.0	-397.2	410.1	407.7	2.41	170.437		
800.0	800.0	792.0	792.0	1.4	1.4	-75.60	102.0	-397.2	410.1	407.4	2.76	148.862		
900.0	900.0	892.0	892.0	1.5	1.6	-75.60	102.0	-397.2	410.1	407.0	3.10	132.136		
1,000.0	1,000.0	992.0	992.0	1.7	1.7	-75.60	102.0	-397.2	410.1	406.7	3.45	118.789		
1,100.0	1,100.0	1,092.0	1,092.0	1.9	1.9	-75.60	102.0	-397.2	410.1	406.3	3.80	107.891		
1,200.0	1,200.0	1,192.0	1,192.0	2.1	2.1	-75.60	102.0	-397.2	410.1	406.0	4.15	98.825		
1,300.0	1,300.0	1,292.0	1,292.0	2.2	2.3	-75.60	102.0	-397.2	410.1	405.6	4.50	91.164		
1,400.0	1,400.0	1,392.0	1,392.0	2.4	2.4	-75.60	102.0	-397.2	410.1	405.3	4.85	84.605		
1,500.0	1,500.0	1,492.0	1,492.0	2.6	2.6	-75.60	102.0	-397.2	410.1	404.9	5.20	78.927		
1,600.0	1,600.0	1,592.0	1,592.0	2.8	2.8	-75.60	102.0	-397.2	410.1	404.6	5.54	73.963		
1,700.0	1,700.0	1,692.0	1,692.0	2.9	2.9	-75.60	102.0	-397.2	410.1	404.2	5.89	69.587		
1,800.0	1,800.0	1,792.0	1,792.0	3.1	3.1	-75.60	102.0	-397.2	410.1	403.9	6.24	65.699		
1,900.0	1,900.0	1,892.0	1,892.0	3.3	3.3	-75.60	102.0	-397.2	410.1	403.5	6.59	62.223		
2,000.0	2,000.0	1,992.0	1,992.0	3.5	3.5	-75.60	102.0	-397.2	410.1	403.2	6.94	59.096		
2,100.0	2,100.0	2,092.0	2,092.0	3.6	3.6	-75.60	102.0	-397.2	410.1	402.8	7.29	56.269		
2,200.0	2,200.0	2,192.0	2,192.0	3.8	3.8	-75.60	102.0	-397.2	410.1	402.5	7.64	53.699		
2,300.0	2,300.0	2,292.0	2,292.0	4.0	4.0	-75.60	102.0	-397.2	410.1	402.1	7.99	51.354		
2,400.0	2,400.0	2,392.0	2,392.0	4.2	4.2	-75.60	102.0	-397.2	410.1	401.8	8.33	49.206		
2,500.0	2,500.0	2,492.0	2,492.0	4.3	4.3	-75.60	102.0	-397.2	410.1	401.4	8.68	47.229		
2,600.0	2,600.0	2,592.0	2,592.0	4.5	4.5	-75.60	102.0	-397.2	410.1	401.1	9.03	45.406		
2,700.0	2,700.0	2,692.0	2,692.0	4.7	4.7	-75.60	102.0	-397.2	410.1	400.7	9.38	43.718		
2,800.0	2,800.0	2,792.0	2,792.0	4.9	4.9	-75.60	102.0	-397.2	410.1	400.4	9.73	42.151		
2,900.0	2,900.0	2,892.0	2,892.0	5.0	5.0	-75.60	102.0	-397.2	410.1	400.0	10.08	40.692		
3,000.0	3,000.0	2,992.0	2,992.0	5.2	5.2	-75.60	102.0	-397.2	410.1	399.7	10.43	39.331		
3,100.0	3,100.0	3,092.0	3,092.0	5.4	5.4	-75.60	102.0	-397.2	410.1	399.3	10.78	38.059		
3,200.0	3,200.0	3,192.0	3,192.0	5.6	5.6	-75.60	102.0	-397.2	410.1	399.0	11.12	36.866		
3,300.0	3,300.0	3,292.0	3,292.0	5.7	5.7	-75.60	102.0	-397.2	410.1	398.6	11.47	35.745		
3,400.0	3,400.0	3,392.0	3,392.0	5.9	5.9	-75.60	102.0	-397.2	410.1	398.3	11.82	34.691		
3,500.0	3,500.0	3,492.0	3,492.0	6.1	6.1	-75.60	102.0	-397.2	410.1	397.9	12.17	33.697		
3,600.0	3,600.0	3,592.0	3,592.0	6.3	6.3	-75.60	102.0	-397.2	410.1	397.6	12.52	32.758		
3,700.0	3,700.0	3,692.0	3,692.0	6.4	6.4	-75.60	102.0	-397.2	410.1	397.3	12.87	31.870		
3,800.0	3,800.0	3,792.0	3,792.0	6.6	6.6	-75.60	102.0	-397.2	410.1	396.9	13.22	31.029		
3,900.0	3,900.0	3,892.0	3,892.0	6.8	6.8	-75.60	102.0	-397.2	410.1	396.6	13.57	30.232		
4,000.0	4,000.0	3,992.0	3,992.0	7.0	7.0	-75.60	102.0	-397.2	410.1	396.2	13.91	29.474		
4,100.0	4,100.0	4,092.0	4,092.0	7.1	7.1	-75.60	102.0	-397.2	410.1	395.9	14.26	28.753		
4,200.0	4,200.0	4,192.0	4,192.0	7.3	7.3	-75.60	102.0	-397.2	410.1	395.5	14.61	28.067		
4,300.0	4,300.0	4,292.0	4,292.0	7.5	7.5	-75.60	102.0	-397.2	410.1	395.2	14.96	27.413		
4,400.0	4,400.0	4,392.0	4,392.0	7.7	7.7	-75.60	102.0	-397.2	410.1	394.8	15.31	26.788		
4,500.0	4,500.0	4,492.0	4,492.0	7.8	7.8	-75.60	102.0	-397.2	410.1	394.5	15.66	26.192		
4,600.0	4,600.0	4,592.0	4,592.0	8.0	8.0	-75.60	102.0	-397.2	410.1	394.1	16.01	25.621		
4,700.0	4,700.0	4,692.0	4,692.0	8.2	8.2	-75.60	102.0	-397.2	410.1	393.8	16.36	25.075		
4,800.0	4,800.0	4,792.0	4,792.0	8.4	8.3	-75.60	102.0	-397.2	410.1	393.4	16.70	24.551		
4,900.0	4,900.0	4,892.0	4,892.0	8.5	8.5	-75.60	102.0	-397.2	410.1	393.1	17.05	24.049		
5,000.0	5,000.0	4,992.0	4,992.0	8.7	8.7	-75.60	102.0	-397.2	410.1	392.7	17.40	23.567		
5,100.0	5,099.4	5,091.4	5,091.4	8.9	8.9	-147.44	102.0	-397.2	418.0	400.3	17.67	23.662		

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

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay 41-34A (Existing) - VH - VH													Offset Site Error:	0.0 ft
Survey Program: 8000-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor		
5,200.0	5,198.4	5,190.4	5,190.4	9.1	9.0	-148.45	102.0	-397.2	430.1	412.0	18.01	23.874		
5,300.0	5,297.4	5,289.4	5,289.4	9.3	9.2	-149.41	102.0	-397.2	442.2	423.9	18.36	24.084		
5,400.0	5,396.4	5,388.4	5,388.4	9.5	9.4	-150.32	102.0	-397.2	454.5	435.8	18.71	24.290		
5,500.0	5,495.4	5,487.4	5,487.4	9.7	9.6	-151.18	102.0	-397.2	466.9	447.9	19.06	24.493		
5,600.0	5,594.4	5,586.4	5,586.4	9.9	9.7	-151.99	102.0	-397.2	479.4	460.0	19.42	24.693		
5,700.0	5,693.4	5,685.4	5,685.4	10.1	9.9	-152.77	102.0	-397.2	492.0	472.2	19.77	24.890		
5,800.0	5,792.4	5,784.4	5,784.4	10.3	10.1	-153.50	102.0	-397.2	504.7	484.6	20.12	25.083		
5,900.0	5,891.4	5,883.4	5,883.4	10.5	10.2	-154.20	102.0	-397.2	517.4	497.0	20.47	25.274		
6,000.0	5,990.4	5,982.4	5,982.4	10.7	10.4	-154.87	102.0	-397.2	530.3	509.4	20.83	25.461		
6,100.0	6,089.3	6,081.3	6,081.3	11.0	10.6	-155.50	102.0	-397.2	543.1	522.0	21.18	25.646		
6,200.0	6,188.3	6,180.3	6,180.3	11.2	10.8	-156.10	102.0	-397.2	556.1	534.6	21.53	25.827		
6,300.0	6,287.3	6,279.3	6,279.3	11.4	10.9	-156.68	102.0	-397.2	569.1	547.2	21.88	26.005		
6,400.0	6,386.3	6,378.3	6,378.3	11.7	11.1	-157.23	102.0	-397.2	582.2	559.9	22.24	26.180		
6,500.0	6,485.3	6,477.3	6,477.3	11.9	11.3	-157.76	102.0	-397.2	595.3	572.7	22.59	26.352		
6,600.0	6,584.3	6,576.3	6,576.3	12.2	11.5	-158.27	102.0	-397.2	608.5	585.5	22.94	26.521		
6,700.0	6,683.3	6,675.3	6,675.3	12.4	11.6	-158.75	102.0	-397.2	621.7	598.4	23.29	26.687		
6,800.0	6,782.3	6,774.3	6,774.3	12.7	11.8	-159.21	102.0	-397.2	634.9	611.3	23.65	26.850		
6,900.0	6,881.5	6,873.5	6,873.5	12.9	12.0	-159.63	102.0	-397.2	646.1	622.0	24.10	26.812		
7,000.0	6,981.2	6,973.2	6,973.2	13.0	12.1	20.56	102.0	-397.2	640.4	616.2	24.21	26.456		
7,100.0	7,077.4	7,069.4	7,069.4	13.0	12.3	22.62	102.0	-397.2	615.5	591.8	23.74	25.930		
7,200.0	7,165.9	7,157.9	7,157.9	12.9	12.5	26.81	102.0	-397.2	572.9	550.0	22.90	25.020		
7,300.0	7,243.0	7,235.0	7,235.0	12.9	12.6	34.35	102.0	-397.2	515.0	492.8	22.21	23.185		
7,400.0	7,305.2	7,297.2	7,297.2	13.0	12.7	46.97	102.0	-397.2	445.9	423.2	22.69	19.656		
7,500.0	7,349.8	7,341.8	7,341.8	13.5	12.8	64.92	102.0	-397.2	371.2	346.4	24.82	14.954		
7,600.0	7,374.9	7,366.9	7,366.9	14.3	12.8	82.39	102.0	-397.2	299.6	272.6	26.97	11.109		
7,700.0	7,379.7	7,371.7	7,371.7	15.5	12.8	90.45	102.0	-397.2	244.4	216.1	28.32	8.630		
7,800.0	7,378.0	7,370.0	7,370.0	16.9	12.8	90.00	102.0	-397.2	222.7	192.9	29.76	7.483		
7,800.7	7,378.0	7,370.0	7,370.0	16.9	12.8	90.00	102.0	-397.2	222.7	192.9	29.77	7.480 CC, ES, SF		
7,900.0	7,376.2	7,368.2	7,368.2	18.6	12.8	89.55	102.0	-397.2	243.8	212.4	31.40	7.764		
8,000.0	7,374.5	7,366.5	7,366.5	20.4	12.8	89.11	102.0	-397.2	298.8	265.6	33.20	9.001		
8,100.0	7,372.8	7,364.8	7,364.8	22.3	12.8	88.66	102.0	-397.2	373.0	337.9	35.11	10.625		
8,200.0	7,371.0	7,363.0	7,363.0	24.3	12.8	88.21	102.0	-397.2	457.2	420.1	37.10	12.322		
8,300.0	7,369.3	7,361.3	7,361.3	26.4	12.8	87.76	102.0	-397.2	546.7	507.5	39.16	13.959		
8,400.0	7,367.5	7,359.5	7,359.5	28.5	12.8	87.31	102.0	-397.2	639.3	598.0	41.27	15.489		
8,500.0	7,365.8	7,357.8	7,357.8	30.7	12.8	86.86	102.0	-397.2	733.8	690.4	43.42	16.900		
8,600.0	7,364.0	7,356.0	7,356.0	32.9	12.8	86.42	102.0	-397.2	829.6	784.0	45.60	18.194		
8,700.0	7,362.3	7,354.3	7,354.3	35.1	12.8	85.97	102.0	-397.2	926.3	878.5	47.80	19.380		

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - McConahay 6-4-34 (Existing) - DD - DD													Offset Site Error:	0.0 ft
Survey Program: 8000-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)				
8,100.0	7,372.8	7,361.8	7,361.8	22.3	12.8	-92.34	-856.8	-1,343.4	981.5	946.4	35.09	27.968		
8,200.0	7,371.0	7,360.0	7,360.0	24.3	12.8	-92.08	-856.8	-1,343.4	890.4	853.3	37.10	24.002		
8,300.0	7,369.3	7,358.3	7,358.3	26.4	12.8	-91.82	-856.8	-1,343.4	801.4	762.3	39.17	20.460		
8,400.0	7,367.5	7,356.5	7,356.5	28.5	12.8	-91.56	-856.8	-1,343.4	715.4	674.1	41.30	17.323		
8,500.0	7,365.8	7,354.8	7,354.8	30.7	12.8	-91.30	-856.8	-1,343.4	633.5	590.0	43.46	14.574		
8,600.0	7,364.0	7,353.0	7,353.0	32.9	12.8	-91.04	-856.8	-1,343.4	557.4	511.8	45.67	12.207		
8,700.0	7,362.3	7,351.3	7,351.3	35.1	12.8	-90.79	-856.8	-1,343.4	490.1	442.2	47.90	10.233		
8,800.0	7,360.5	7,349.5	7,349.5	37.3	12.8	-90.53	-856.8	-1,343.4	435.5	385.4	50.15	8.685		
8,900.0	7,358.8	7,347.8	7,347.8	39.6	12.8	-90.27	-856.8	-1,343.4	398.9	346.5	52.42	7.611		
9,000.0	7,357.0	7,346.0	7,346.0	41.9	12.8	-90.01	-856.8	-1,343.4	385.5	330.8	54.70	7.047		
9,002.8	7,357.0	7,346.0	7,346.0	42.0	12.8	-90.00	-856.8	-1,343.4	385.5	330.7	54.76	7.039 CC, ES		
9,100.0	7,355.3	7,344.3	7,344.3	44.2	12.8	-89.75	-856.8	-1,343.4	397.6	340.6	57.00	6.975 SF		
9,200.0	7,353.6	7,342.6	7,342.6	46.5	12.8	-89.49	-856.8	-1,343.4	433.0	373.7	59.30	7.302		
9,300.0	7,351.8	7,340.8	7,340.8	48.8	12.8	-89.23	-856.8	-1,343.4	486.7	425.1	61.62	7.900		
9,400.0	7,350.1	7,339.1	7,339.1	51.2	12.8	-88.97	-856.8	-1,343.4	553.5	489.6	63.94	8.657		
9,500.0	7,348.3	7,337.3	7,337.3	53.5	12.8	-88.71	-856.8	-1,343.4	629.1	562.8	66.27	9.494		
9,600.0	7,346.6	7,335.6	7,335.6	55.8	12.8	-88.45	-856.8	-1,343.4	710.8	642.2	68.60	10.361		
9,700.0	7,344.8	7,333.8	7,333.8	58.2	12.8	-88.19	-856.8	-1,343.4	796.6	725.7	70.93	11.231		
9,800.0	7,343.1	7,332.1	7,332.1	60.5	12.8	-87.93	-856.8	-1,343.4	885.4	812.2	73.27	12.084		
9,900.0	7,341.3	7,330.3	7,330.3	62.9	12.8	-87.67	-856.8	-1,343.4	976.4	900.8	75.61	12.913		

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Offset Design NENE S34-T2N-R66W - Rancho 32-34 (Existing) - DD - DD													Offset Site Error:	0.0 ft
Survey Program: 8000-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		
8,700.0	7,362.3	7,351.3	7,351.3	35.1	12.8	-91.34	-1,165.3	-1,711.8	936.6	888.7	47.89	19.558		
8,800.0	7,360.5	7,349.5	7,349.5	37.3	12.8	-91.16	-1,165.3	-1,711.8	858.6	808.5	50.14	17.125		
8,900.0	7,358.8	7,347.8	7,347.8	39.6	12.8	-90.98	-1,165.3	-1,711.8	785.6	733.2	52.41	14.990		
9,000.0	7,357.0	7,346.0	7,346.0	41.9	12.8	-90.80	-1,165.3	-1,711.8	719.2	664.5	54.69	13.149		
9,100.0	7,355.3	7,344.3	7,344.3	44.2	12.8	-90.62	-1,165.3	-1,711.8	661.2	604.2	56.99	11.601		
9,200.0	7,353.6	7,342.6	7,342.6	46.5	12.8	-90.45	-1,165.3	-1,711.8	614.1	554.8	59.30	10.356		
9,300.0	7,351.8	7,340.8	7,340.8	48.8	12.8	-90.27	-1,165.3	-1,711.8	580.6	519.0	61.62	9.422		
9,400.0	7,350.1	7,339.1	7,339.1	51.2	12.8	-90.09	-1,165.3	-1,711.8	563.1	499.1	63.95	8.805		
9,450.3	7,349.2	7,338.2	7,338.2	52.3	12.8	-90.00	-1,165.3	-1,711.8	560.8	495.7	65.12	8.612 CC, ES		
9,500.0	7,348.3	7,337.3	7,337.3	53.5	12.8	-89.91	-1,165.3	-1,711.8	563.0	496.8	66.28	8.495		
9,600.0	7,346.6	7,335.6	7,335.6	55.8	12.8	-89.73	-1,165.3	-1,711.8	580.5	511.9	68.62	8.459 SF		
9,700.0	7,344.8	7,333.8	7,333.8	58.2	12.8	-89.55	-1,165.3	-1,711.8	613.9	542.9	70.96	8.651		
9,800.0	7,343.1	7,332.1	7,332.1	60.5	12.8	-89.38	-1,165.3	-1,711.8	660.9	587.6	73.31	9.015		
9,900.0	7,341.3	7,330.3	7,330.3	62.9	12.8	-89.20	-1,165.3	-1,711.8	718.8	643.2	75.66	9.501		
10,000.0	7,339.6	7,328.6	7,328.6	65.3	12.8	-89.02	-1,165.3	-1,711.8	785.3	707.3	78.02	10.065		
10,100.0	7,337.8	7,326.8	7,326.8	67.6	12.8	-88.84	-1,165.3	-1,711.8	858.2	777.9	80.37	10.678		
10,200.0	7,336.1	7,325.1	7,325.1	70.0	12.8	-88.66	-1,165.3	-1,711.8	936.2	853.5	82.73	11.316		

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	Local Co-ordinate Reference:	Well McConahay 1A-34H
Project:	DJ Wattenberg	TVD Reference:	KBE @ 5084.0ft (Original Well Elev)
Reference Site:	NENE S34-T2N-R66W	MD Reference:	KBE @ 5084.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	McConahay 1A-34H	Survey Calculation Method:	Minimum Curvature
Well Error:	0.0ft	Output errors are at	2.00 sigma
Reference Wellbore	Hz	Database:	EDM 5000.1 US Multi Users DB
Reference Design:	Plan #1 12/100	Offset TVD Reference:	Offset Datum

Reference Depths are relative to KBE @ 5084.0ft (Original Well Elev)

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: McConahay 1A-34H

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.48°

