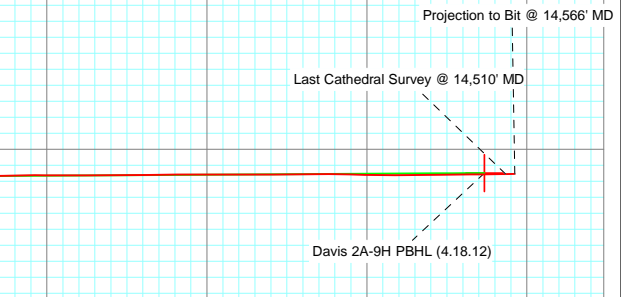


Azimuths to True North  
 Magnetic North: 8.74°  
 Magnetic Field  
 Strength: 52908.0snT  
 Dip Angle: 66.82°  
 Date: 4/26/2012  
 Model: IGRF2010



FINAL  
 Davis 2A-9HX  
 160855 125297; LR  
 KBE @ 4895.0ft (Ereign 135)  
 GL @ 4832.0  
 North American Datum 1983  
 Well Davis 2A-9HX, True North

Type	Target	Azimuth	Origin	Type	N/S	E/W	From
User	No Target (Freehand)	0.46	Slot	0.0	0.0	0.0	TVD
Name							
Davis 2A-9H PBHL (4.18.12)		7148.2	6732.2	285.4	40.172921	-104.788765	
Davis 2A-9H 150' Border		17170.0	6732.2	285.4	40.172921	-104.788765	

## Survey Report

<b>Company:</b> EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b> Well Davis 2A-9HX
<b>Project:</b> DJ Wattenberg	<b>TVD Reference:</b> KBE @ 4895.0ft (Ensign 135)
<b>Site:</b> SWNW S9-T2N-R66W (Davis)	<b>MD Reference:</b> KBE @ 4895.0ft (Ensign 135)
<b>Well:</b> Davis 2A-9HX	<b>North Reference:</b> True
<b>Wellbore:</b> HZ	<b>Survey Calculation Method:</b> Minimum Curvature
<b>Design:</b> HZ	<b>Database:</b> USA EDM 5000 Multi Users DB

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

<b>Site</b> SWNW S9-T2N-R66W (Davis)				
<b>Site Position:</b>	<b>Northing:</b>	1,299,903.26 ft	<b>Latitude:</b>	40.154440
<b>From:</b> Lat/Long	<b>Easting:</b>	3,198,510.39 ft	<b>Longitude:</b>	-104.789830
<b>Position Uncertainty:</b> 0.0 ft	<b>Slot Radius:</b>	13.200 in	<b>Grid Convergence:</b>	0.46 °

<b>Well</b> Davis 2A-9HX				
<b>Well Position</b>	<b>+N/-S</b>	0.0 ft	<b>Northing:</b>	1,299,903.31 ft
	<b>+E/-W</b>	0.0 ft	<b>Easting:</b>	3,198,522.59 ft
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>	ft
			<b>Ground Level:</b>	4,882.0 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 (nT)</b>
	IGRF2010	4/26/2012	8.74	66.82	52,908

<b>Design</b> HZ				
<b>Audit Notes:</b>				
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b> 0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	0.46

<b>Survey Program</b>		<b>Date</b> 5/10/2012
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>
89.6	816.0	Survey #1 (HZ)
897.0	14,566.0	Survey #2 (HZ)
		<b>Tool Name</b>
		Gyro
		MWD
		<b>Description</b>
		Gyro
		Geolink MWD

<b>Survey</b>									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
89.6	0.72	138.77	89.6	-0.4	0.4	-0.4	0.81	0.81	
180.5	0.77	148.65	180.5	-1.4	1.1	-1.4	0.15	0.05	
271.3	0.78	163.07	271.3	-2.5	1.6	-2.5	0.21	0.02	
362.2	0.75	151.38	362.2	-3.6	2.0	-3.6	0.17	-0.03	
453.1	0.20	160.87	453.0	-4.3	2.4	-4.3	0.61	-0.61	
543.9	0.13	194.33	543.9	-4.5	2.4	-4.5	0.12	-0.07	
634.8	0.22	225.03	634.7	-4.7	2.2	-4.7	0.14	0.10	
725.6	0.32	242.49	725.6	-5.0	1.9	-5.0	0.14	0.11	
816.0	0.87	200.88	816.0	-5.7	1.4	-5.7	0.74	0.61	Last Gyro Survey @ 816' MD
897.0	1.10	220.90	897.0	-6.9	0.7	-6.9	0.50	0.28	
958.0	2.20	197.90	957.9	-8.5	0.0	-8.5	2.07	1.80	

## Survey Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Davis 2A-9HX
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Site:</b>	SWNW S9-T2N-R66W (Davis)	<b>MVD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Well:</b>	Davis 2A-9HX	<b>North Reference:</b>	True
<b>Wellbore:</b>	HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	HZ	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
1,019.0	4.00	209.00	1,018.8	-11.4	-1.4	-11.4	3.10	2.95	
1,080.0	6.70	215.90	1,079.6	-16.2	-4.6	-16.2	4.54	4.43	
1,141.0	9.20	208.70	1,140.0	-23.3	-9.0	-23.4	4.40	4.10	
1,203.0	11.70	200.10	1,200.9	-33.6	-13.5	-33.7	4.74	4.03	
1,264.0	12.40	192.60	1,260.6	-45.8	-17.1	-45.9	2.81	1.15	
1,326.0	13.70	179.20	1,321.0	-59.6	-18.4	-59.8	5.30	2.10	
1,356.0	14.20	174.40	1,350.1	-66.9	-18.0	-67.0	4.20	1.67	
1,418.0	15.30	165.00	1,410.1	-82.3	-15.2	-82.4	4.24	1.77	
1,480.0	15.50	152.90	1,469.9	-97.6	-9.3	-97.7	5.18	0.32	
1,543.0	16.00	148.40	1,530.5	-112.5	-0.9	-112.5	2.09	0.79	
1,607.0	16.40	147.80	1,592.0	-127.7	8.5	-127.6	0.68	0.62	
1,671.0	16.50	147.00	1,653.4	-142.9	18.3	-142.8	0.39	0.16	
1,734.0	16.10	145.40	1,713.8	-157.6	28.1	-157.4	0.95	-0.63	
1,829.0	13.80	146.50	1,805.6	-177.9	41.9	-177.6	2.44	-2.42	
1,924.0	13.80	151.70	1,897.9	-197.3	53.5	-196.9	1.31	0.00	
2,019.0	12.30	153.50	1,990.4	-216.4	63.4	-215.8	1.64	-1.58	
2,115.0	11.50	157.00	2,084.4	-234.3	71.7	-233.7	1.12	-0.83	
2,210.0	11.90	150.30	2,177.4	-251.6	80.3	-250.9	1.49	0.42	
2,305.0	11.90	146.80	2,270.3	-268.3	90.5	-267.5	0.76	0.00	
2,400.0	13.60	155.10	2,363.0	-286.6	100.5	-285.8	2.63	1.79	
2,496.0	13.80	154.80	2,456.3	-307.2	110.2	-306.3	0.22	0.21	
2,591.0	13.70	152.30	2,548.5	-327.4	120.2	-326.4	0.63	-0.11	
2,686.0	12.80	153.50	2,641.0	-346.8	130.1	-345.7	0.99	-0.95	
2,781.0	14.00	155.10	2,733.4	-366.6	139.7	-365.5	1.32	1.26	
2,876.0	15.60	154.20	2,825.3	-388.5	150.1	-387.3	1.70	1.68	
2,972.0	14.40	154.30	2,918.0	-410.9	160.9	-409.6	1.25	-1.25	
3,067.0	14.60	154.40	3,010.0	-432.4	171.2	-431.0	0.21	0.21	
3,162.0	13.50	154.10	3,102.1	-453.1	181.2	-451.7	1.16	-1.16	
3,257.0	12.80	153.40	3,194.6	-472.5	190.7	-471.0	0.76	-0.74	
3,352.0	13.40	152.60	3,287.2	-491.7	200.5	-490.1	0.66	0.63	
3,448.0	12.40	155.10	3,380.7	-510.9	210.0	-509.2	1.19	-1.04	
3,543.0	12.30	152.90	3,473.6	-529.2	218.9	-527.4	0.51	-0.11	
3,638.0	12.20	159.80	3,566.4	-547.6	227.0	-545.8	1.54	-0.11	
3,733.0	10.30	165.00	3,659.6	-565.2	232.6	-563.4	2.27	-2.00	
3,828.0	8.90	163.60	3,753.2	-580.5	236.9	-578.6	1.49	-1.47	
3,923.0	8.60	156.10	3,847.1	-594.0	241.8	-592.1	1.24	-0.32	
4,019.0	7.40	156.60	3,942.2	-606.3	247.2	-604.3	1.25	-1.25	
4,114.0	7.30	155.50	4,036.4	-617.4	252.1	-615.3	0.18	-0.11	
4,177.0	6.30	159.50	4,099.0	-624.3	255.0	-622.2	1.76	-1.59	
4,241.0	5.40	169.80	4,162.6	-630.5	256.8	-628.4	2.16	-1.41	
4,304.0	3.00	173.30	4,225.5	-635.1	257.5	-633.0	3.83	-3.81	
4,368.0	2.00	177.50	4,289.4	-637.9	257.7	-635.8	1.59	-1.56	
4,431.0	1.10	146.80	4,352.4	-639.5	258.1	-637.4	1.90	-1.43	
4,495.0	0.80	115.10	4,416.4	-640.2	258.9	-638.1	0.93	-0.47	
4,590.0	1.00	95.30	4,511.4	-640.5	260.3	-638.4	0.39	0.21	
4,685.0	0.90	85.10	4,606.3	-640.5	261.9	-638.4	0.21	-0.11	
4,781.0	0.50	65.90	4,702.3	-640.3	263.0	-638.2	0.48	-0.42	
4,876.0	0.40	97.90	4,797.3	-640.2	263.7	-638.0	0.28	-0.11	
4,971.0	0.60	94.30	4,892.3	-640.3	264.5	-638.1	0.21	0.21	
5,066.0	0.70	145.20	4,987.3	-640.8	265.3	-638.6	0.60	0.11	
5,162.0	0.80	135.40	5,083.3	-641.7	266.1	-639.6	0.17	0.10	
5,257.0	0.90	154.30	5,178.3	-642.9	266.9	-640.7	0.31	0.11	
5,352.0	0.50	71.20	5,273.3	-643.4	267.7	-641.2	1.03	-0.42	

## Survey Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Davis 2A-9HX
<b>Project:</b>	DJ Wattenberg	<b>TD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Site:</b>	SWNW S9-T2N-R66W (Davis)	<b>MVD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Well:</b>	Davis 2A-9HX	<b>North Reference:</b>	True
<b>Wellbore:</b>	HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	HZ	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
5,447.0	0.50	359.30	5,368.3	-642.9	268.0	-640.7	0.62	0.00	
5,542.0	0.30	31.50	5,463.3	-642.2	268.2	-640.1	0.31	-0.21	
5,637.0	0.40	4.60	5,558.3	-641.7	268.3	-639.5	0.20	0.11	
5,733.0	0.60	3.40	5,654.3	-640.9	268.4	-638.7	0.21	0.21	
5,828.0	0.90	21.20	5,749.3	-639.7	268.7	-637.5	0.40	0.32	
5,923.0	1.10	348.40	5,844.3	-638.1	268.8	-635.9	0.63	0.21	
6,018.0	0.70	337.20	5,939.3	-636.7	268.4	-634.5	0.46	-0.42	
6,113.0	0.70	326.10	6,034.3	-635.6	267.8	-633.5	0.14	0.00	
6,209.0	0.60	10.50	6,130.2	-634.7	267.6	-632.5	0.52	-0.10	
6,304.0	0.90	353.00	6,225.2	-633.4	267.6	-631.3	0.39	0.32	
6,399.0	0.80	347.10	6,320.2	-632.0	267.3	-629.9	0.14	-0.11	
6,494.0	0.80	10.40	6,415.2	-630.7	267.3	-628.6	0.34	0.00	
6,590.0	0.70	14.30	6,511.2	-629.5	267.6	-627.3	0.12	-0.10	
6,621.0	1.00	28.30	6,542.2	-629.1	267.7	-626.9	1.17	0.97	
6,653.0	1.60	14.60	6,574.2	-628.4	268.0	-626.2	2.10	1.87	
6,685.0	2.60	2.50	6,606.2	-627.3	268.1	-625.1	3.40	3.12	
6,717.0	4.20	355.80	6,638.1	-625.4	268.1	-623.2	5.14	5.00	
6,748.0	6.60	352.20	6,669.0	-622.5	267.8	-620.3	7.81	7.74	
6,780.0	9.20	350.00	6,700.7	-618.1	267.1	-616.0	8.18	8.12	
6,812.0	12.00	349.30	6,732.1	-612.3	266.0	-610.2	8.76	8.75	
6,844.0	14.90	352.10	6,763.2	-605.0	264.8	-602.8	9.29	9.06	
6,875.0	17.60	355.10	6,793.0	-596.4	263.9	-594.2	9.12	8.71	
6,907.0	20.00	356.50	6,823.3	-586.1	263.1	-584.0	7.63	7.50	
6,939.0	23.50	356.50	6,853.0	-574.2	262.4	-572.1	10.94	10.94	
6,970.0	27.20	356.70	6,881.0	-561.0	261.6	-558.9	11.94	11.94	
7,002.0	30.70	359.10	6,909.0	-545.5	261.1	-543.4	11.52	10.94	
7,034.0	34.20	1.80	6,936.0	-528.4	261.2	-526.2	11.84	10.94	
7,066.0	38.20	3.70	6,961.8	-509.5	262.1	-507.4	12.98	12.50	
7,097.0	41.70	5.10	6,985.6	-489.7	263.7	-487.5	11.66	11.29	
7,129.0	45.40	3.80	7,008.8	-467.7	265.4	-465.5	11.90	11.56	
7,161.0	48.90	2.90	7,030.5	-444.3	266.7	-442.1	11.13	10.94	
7,193.0	51.90	2.60	7,050.9	-419.6	267.9	-417.5	9.40	9.37	
7,224.0	54.90	3.00	7,069.4	-394.8	269.1	-392.6	9.73	9.68	
7,256.0	58.40	3.30	7,087.0	-368.1	270.6	-365.9	10.97	10.94	
7,288.0	61.30	4.50	7,103.1	-340.5	272.5	-338.3	9.62	9.06	
7,318.0	64.20	5.30	7,116.8	-313.9	274.8	-311.7	9.95	9.67	
7,351.0	66.30	5.30	7,130.6	-284.1	277.5	-281.8	6.36	6.36	
7,383.0	68.70	5.50	7,142.9	-254.6	280.3	-252.4	7.52	7.50	
7,415.0	73.10	5.00	7,153.3	-224.5	283.1	-222.3	13.83	13.75	
7,446.0	77.50	3.90	7,161.2	-194.7	285.4	-192.4	14.60	14.19	
7,478.0	81.10	2.10	7,167.2	-163.3	287.1	-161.0	12.53	11.25	
7,510.0	83.10	1.30	7,171.6	-131.6	288.0	-129.3	6.72	6.25	
7,542.0	84.60	0.70	7,175.0	-99.8	288.6	-97.5	5.04	4.69	
7,549.0	85.20	0.10	7,175.6	-92.8	288.6	-90.5	12.10	8.57	
7,614.0	89.70	358.50	7,178.5	-27.9	287.8	-25.6	7.34	6.92	
7,677.0	91.00	357.70	7,178.1	35.1	285.7	37.4	2.42	2.06	
7,740.0	91.60	357.50	7,176.7	98.0	283.1	100.3	1.00	0.95	
7,801.0	91.50	357.10	7,175.0	158.9	280.2	161.2	0.68	-0.16	
7,862.0	89.90	356.90	7,174.3	219.8	277.0	222.1	2.64	-2.62	
7,893.0	88.70	356.80	7,174.7	250.8	275.3	253.0	3.88	-3.87	
7,923.0	89.20	356.50	7,175.2	280.7	273.6	282.9	1.94	1.67	
7,985.0	90.00	356.70	7,175.6	342.6	269.9	344.8	1.33	1.29	
8,046.0	88.70	356.10	7,176.3	403.5	266.1	405.6	2.35	-2.13	

## Survey Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Davis 2A-9HX
<b>Project:</b>	DJ Wattenberg	<b>TD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Site:</b>	SWNW S9-T2N-R66W (Davis)	<b>MD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Well:</b>	Davis 2A-9HX	<b>North Reference:</b>	True
<b>Wellbore:</b>	HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	HZ	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
8,107.0	89.50	356.70	7,177.3	464.4	262.2	466.5	1.64	1.31	
8,168.0	88.60	358.00	7,178.3	525.3	259.4	527.4	2.59	-1.48	
8,230.0	88.60	359.30	7,179.8	587.3	257.9	589.3	2.10	0.00	
8,291.0	89.40	0.50	7,180.9	648.2	257.8	650.3	2.36	1.31	
8,352.0	89.50	1.50	7,181.5	709.2	258.9	711.3	1.65	0.16	
8,413.0	89.10	2.30	7,182.2	770.2	260.9	772.3	1.47	-0.66	
8,474.0	89.10	1.70	7,183.2	831.1	263.1	833.2	0.98	0.00	
8,535.0	89.80	1.60	7,183.8	892.1	264.8	894.2	1.16	1.15	
8,596.0	91.10	1.10	7,183.3	953.1	266.2	955.2	2.28	2.13	
8,657.0	91.00	1.00	7,182.2	1,014.1	267.4	1,016.2	0.23	-0.16	
8,719.0	90.00	1.40	7,181.6	1,076.1	268.7	1,078.2	1.74	-1.61	
8,780.0	89.50	1.20	7,181.9	1,137.0	270.0	1,139.2	0.88	-0.82	
8,842.0	88.60	0.70	7,182.9	1,199.0	271.1	1,201.2	1.66	-1.45	
8,903.0	88.30	0.00	7,184.6	1,260.0	271.4	1,262.1	1.25	-0.49	
8,964.0	88.20	0.20	7,186.4	1,321.0	271.6	1,323.1	0.37	-0.16	
9,026.0	89.80	0.20	7,187.5	1,383.0	271.8	1,385.1	2.58	2.58	
9,090.0	90.80	359.70	7,187.2	1,447.0	271.7	1,449.1	1.75	1.56	
9,153.0	90.70	359.80	7,186.4	1,510.0	271.4	1,512.1	0.22	-0.16	
9,217.0	90.80	0.30	7,185.5	1,573.9	271.5	1,576.1	0.80	0.16	
9,280.0	91.50	359.80	7,184.3	1,636.9	271.5	1,639.1	1.37	1.11	
9,344.0	91.40	359.20	7,182.6	1,700.9	271.0	1,703.0	0.95	-0.16	
9,407.0	90.80	358.20	7,181.4	1,763.9	269.6	1,766.0	1.85	-0.95	
9,471.0	90.20	358.00	7,180.9	1,827.8	267.4	1,829.9	0.99	-0.94	
9,534.0	90.70	358.40	7,180.4	1,890.8	265.5	1,892.9	1.02	0.79	
9,598.0	91.10	359.20	7,179.4	1,954.8	264.1	1,956.8	1.40	0.62	
9,661.0	91.50	359.00	7,177.9	2,017.8	263.1	2,019.8	0.71	0.63	
9,724.0	91.10	359.70	7,176.5	2,080.7	262.4	2,082.8	1.28	-0.63	
9,788.0	90.80	0.40	7,175.4	2,144.7	262.5	2,146.8	1.19	-0.47	
9,851.0	90.40	0.90	7,174.8	2,207.7	263.2	2,209.8	1.02	-0.63	
9,915.0	90.30	1.50	7,174.4	2,271.7	264.5	2,273.7	0.95	-0.16	
9,978.0	90.60	1.30	7,173.9	2,334.7	266.1	2,336.7	0.57	0.48	
10,042.0	90.70	1.70	7,173.2	2,398.6	267.7	2,400.7	0.64	0.16	
10,105.0	89.40	2.50	7,173.1	2,461.6	270.0	2,463.7	2.42	-2.06	
10,169.0	88.80	2.10	7,174.1	2,525.5	272.6	2,527.7	1.13	-0.94	
10,232.0	90.70	2.90	7,174.4	2,588.5	275.4	2,590.6	3.27	3.02	
10,296.0	90.30	1.80	7,173.8	2,652.4	278.0	2,654.6	1.83	-0.62	
10,359.0	89.80	0.90	7,173.8	2,715.4	279.5	2,717.6	1.63	-0.79	
10,423.0	90.50	0.40	7,173.6	2,779.4	280.2	2,781.6	1.34	1.09	
10,486.0	90.70	0.70	7,173.0	2,842.4	280.8	2,844.6	0.57	0.32	
10,550.0	89.70	0.20	7,172.7	2,906.4	281.3	2,908.6	1.75	-1.56	
10,613.0	89.40	359.20	7,173.2	2,969.4	281.0	2,971.5	1.66	-0.48	
10,677.0	90.20	358.80	7,173.5	3,033.4	279.9	3,035.5	1.40	1.25	
10,740.0	90.40	359.40	7,173.1	3,096.4	278.9	3,098.5	1.00	0.32	
10,804.0	91.20	0.60	7,172.2	3,160.4	278.9	3,162.5	2.25	1.25	
10,867.0	90.20	0.50	7,171.5	3,223.3	279.5	3,225.5	1.60	-1.59	
10,930.0	90.20	0.20	7,171.2	3,286.3	279.9	3,288.5	0.48	0.00	
10,994.0	90.30	359.90	7,171.0	3,350.3	279.9	3,352.5	0.49	0.16	
11,057.0	90.80	359.50	7,170.4	3,413.3	279.6	3,415.5	1.02	0.79	
11,121.0	90.40	358.80	7,169.7	3,477.3	278.6	3,479.5	1.26	-0.62	
11,184.0	89.80	358.80	7,169.6	3,540.3	277.3	3,542.4	0.95	-0.95	
11,248.0	90.50	358.30	7,169.4	3,604.3	275.7	3,606.4	1.34	1.09	
11,311.0	91.90	359.10	7,168.1	3,667.3	274.3	3,669.3	2.56	2.22	
11,375.0	92.40	359.50	7,165.7	3,731.2	273.5	3,733.3	1.00	0.78	

## Survey Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Davis 2A-9HX
<b>Project:</b>	DJ Wattenberg	<b>TD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Site:</b>	SWNW S9-T2N-R66W (Davis)	<b>MVD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Well:</b>	Davis 2A-9HX	<b>North Reference:</b>	True
<b>Wellbore:</b>	HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	HZ	<b>Database:</b>	USA EDM 5000 Multi Users DB

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Formations / Comments
11,438.0	91.80	359.60	7,163.4	3,794.2	273.0	3,796.2	0.97	-0.95	
11,502.0	90.90	0.40	7,161.9	3,858.1	273.0	3,860.2	1.88	-1.41	
11,565.0	89.40	0.90	7,161.7	3,921.1	273.7	3,923.2	2.51	-2.38	
11,628.0	89.30	0.50	7,162.4	3,984.1	274.5	3,986.2	0.65	-0.16	
11,692.0	89.20	1.10	7,163.3	4,048.1	275.4	4,050.2	0.95	-0.16	
11,755.0	89.20	1.60	7,164.1	4,111.1	276.9	4,113.2	0.79	0.00	
11,819.0	90.40	1.20	7,164.4	4,175.1	278.4	4,177.2	1.98	1.87	
11,882.0	91.40	1.50	7,163.4	4,238.1	279.9	4,240.2	1.66	1.59	
11,946.0	90.70	1.20	7,162.2	4,302.0	281.4	4,304.2	1.19	-1.09	
12,009.0	90.50	1.70	7,161.5	4,365.0	283.0	4,367.2	0.85	-0.32	
12,072.0	89.60	0.90	7,161.5	4,428.0	284.4	4,430.1	1.91	-1.43	
12,136.0	89.90	0.80	7,161.8	4,492.0	285.4	4,494.1	0.49	0.47	
12,199.0	91.00	0.20	7,161.3	4,555.0	285.9	4,557.1	1.99	1.75	
12,263.0	91.00	359.90	7,160.2	4,619.0	286.0	4,621.1	0.47	0.00	
12,326.0	90.80	359.30	7,159.2	4,682.0	285.5	4,684.1	1.00	-0.32	
12,390.0	90.30	359.60	7,158.5	4,746.0	284.9	4,748.1	0.91	-0.78	
12,453.0	90.00	358.80	7,158.4	4,809.0	284.1	4,811.1	1.36	-0.48	
12,517.0	90.10	358.30	7,158.3	4,872.9	282.4	4,875.1	0.80	0.16	
12,580.0	89.80	358.00	7,158.4	4,935.9	280.4	4,938.0	0.67	-0.48	
12,644.0	89.80	357.90	7,158.6	4,999.9	278.1	5,001.9	0.16	0.00	
12,707.0	90.30	358.30	7,158.6	5,062.8	276.0	5,064.9	1.02	0.79	
12,771.0	90.10	359.50	7,158.3	5,126.8	274.8	5,128.9	1.90	-0.31	
12,834.0	90.00	0.90	7,158.3	5,189.8	275.0	5,191.9	2.23	-0.16	
12,898.0	90.20	0.90	7,158.2	5,253.8	276.0	5,255.9	0.31	0.31	
12,961.0	89.60	2.00	7,158.3	5,316.8	277.6	5,318.8	1.99	-0.95	
13,024.0	90.10	1.70	7,158.4	5,379.7	279.6	5,381.8	0.93	0.79	
13,088.0	90.10	1.90	7,158.3	5,443.7	281.7	5,445.8	0.31	0.00	
13,151.0	90.70	1.60	7,157.9	5,506.7	283.6	5,508.8	1.06	0.95	
13,215.0	92.00	1.60	7,156.4	5,570.6	285.4	5,572.7	2.03	2.03	
13,278.0	91.10	0.30	7,154.7	5,633.6	286.4	5,635.7	2.51	-1.43	
13,342.0	90.20	0.60	7,153.9	5,697.6	286.9	5,699.7	1.48	-1.41	
13,405.0	88.70	0.30	7,154.6	5,760.6	287.4	5,762.7	2.43	-2.38	
13,469.0	88.80	0.30	7,155.9	5,824.6	287.7	5,826.7	0.16	0.16	
13,532.0	88.70	359.70	7,157.3	5,887.5	287.7	5,889.7	0.97	-0.16	
13,595.0	89.00	359.80	7,158.6	5,950.5	287.5	5,952.6	0.50	0.48	
13,659.0	89.20	359.50	7,159.6	6,014.5	287.1	6,016.6	0.56	0.31	
13,722.0	89.10	359.30	7,160.5	6,077.5	286.4	6,079.6	0.35	-0.16	
13,786.0	89.50	358.80	7,161.3	6,141.5	285.4	6,143.6	1.00	0.62	
13,849.0	89.80	358.50	7,161.7	6,204.5	283.9	6,206.6	0.67	0.48	
13,913.0	89.90	358.30	7,161.9	6,268.5	282.1	6,270.5	0.35	0.16	
13,976.0	90.60	358.20	7,161.6	6,331.4	280.2	6,333.5	1.12	1.11	
14,008.0	91.10	358.00	7,161.1	6,363.4	279.1	6,365.4	1.68	1.56	
14,072.0	90.90	358.80	7,160.0	6,427.4	277.3	6,429.4	1.29	-0.31	
14,135.0	91.50	359.80	7,158.7	6,490.3	276.5	6,492.4	1.85	0.95	
14,198.0	90.60	0.10	7,157.5	6,553.3	276.5	6,555.3	1.51	-1.43	
14,230.0	90.60	359.90	7,157.2	6,585.3	276.5	6,587.3	0.62	0.00	
14,294.0	90.00	0.90	7,156.8	6,649.3	276.9	6,651.3	1.82	-0.94	
14,357.0	90.50	1.10	7,156.6	6,712.3	278.0	6,714.3	0.85	0.79	
14,420.0	90.80	0.30	7,155.9	6,775.3	278.8	6,777.3	1.36	0.48	
14,484.0	90.90	0.20	7,154.9	6,839.3	279.1	6,841.3	0.22	0.16	
14,510.0	91.30	0.30	7,154.4	6,865.3	279.2	6,867.3	1.59	1.54	Last Cathedral Survey @ 14,510' MD
14,566.0	91.30	0.30	7,153.1	6,921.3	279.5	6,923.3	0.00	0.00	Projection to Bit @ 14,566' MD

## Survey Report

<b>Company:</b>	EnCana Oil & Gas (USA) Inc	<b>Local Co-ordinate Reference:</b>	Well Davis 2A-9HX
<b>Project:</b>	DJ Wattenberg	<b>TVD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Site:</b>	SWNW S9-T2N-R66W (Davis)	<b>MD Reference:</b>	KBE @ 4895.0ft (Ensign 135)
<b>Well:</b>	Davis 2A-9HX	<b>North Reference:</b>	True
<b>Wellbore:</b>	HZ	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	HZ	<b>Database:</b>	USA EDM 5000 Multi Users DB

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
Davis 2A-9H 150' Borde	90.00	0.46	17,170.0	6,732.2	285.4	1,306,637.61	3,198,754.02	40.172921	-104.788765
- actual wellpath misses target center by 10013.4ft at 14333.3ft MD (7156.7 TVD, 6688.7 N, 277.6 E)									
- Rectangle (sides W0.0 H300.0 D0.0)									
Davis 2A-9H PBHL (4.1ft)	0.00	0.00	7,148.2	6,732.2	285.4	1,306,637.61	3,198,754.02	40.172921	-104.788765
- actual wellpath misses target center by 10.7ft at 14377.1ft MD (7156.4 TVD, 6732.4 N, 278.4 E)									
- Point									

Design Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
		+N/-S	+E/-W		
(ft)	(ft)	(ft)	(ft)		
816.0	816.0	-5.7	1.4	Last Gyro Survey @ 816' MD	
14,510.0	7,154.4	6,865.3	279.2	Last Cathedral Survey @ 14,510' MD	
14,566.0	7,153.1	6,921.3	279.5	Projection to Bit @ 14,566' MD	

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_