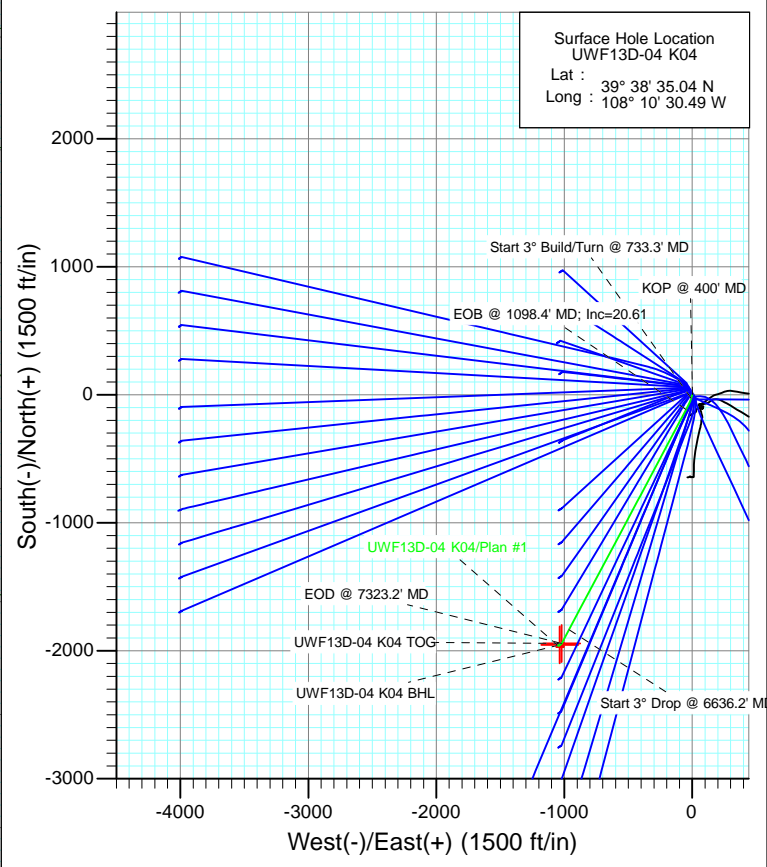


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	733.3	10.00	197.00	731.6	-27.7	-8.5	3.00	197.00	28.5	
4	1098.4	20.61	208.01	1083.3	-115.1	-48.0	3.00	20.72	124.1	
5	6636.2	20.61	208.01	6266.8	-1835.9	-963.4	0.00	0.00	2073.3	UWF13D-04 K04 TOG
6	7323.2	0.00	0.00	6939.0	-1943.8	-1020.8	3.00	180.00	2195.5	
7	9063.8	0.39	236.28	8679.6	-1947.1	-1025.7	0.02	236.28	2200.7	
8	10854.2	0.39	236.28	10470.0	-1953.8	-1035.8	0.00	0.00	2211.4	UWF13D-04 K04 BHL
9	13000.2	0.39	236.28	12615.9	-1961.9	-1047.9	0.00	0.00	2224.2	



T M

Azimuths to True North
 Magnetic North: 10.34°

Magnetic Field
 Strength: 52205.3snT
 Dip Angle: 65.80°
 Date: 4/12/2012
 Model: IGRF2010

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
958.0	966.1	A_GROOVE_TVD
1119.0	1136.5	B_GROOVE_TVD
1159.0	1179.2	B_GROOVE_BASE_TVD
1923.0	1995.5	GARDEN_GULCH_TVD
2979.0	3123.7	WASATCH_FM_TVD
4993.0	5275.4	WASATCH_G_TVD
6939.0	7323.2	WILLIAMS_FORK_TVD
10470.0	10854.2	ROLLINS_TVD
10751.0	11135.2	COZZETTE_TVD
10922.0	11306.2	CORCORAN_TVD
11218.0	11602.2	UPPER_SEGO_TVD

Plan #1 UWF13D-04 K04 KB @ 8226.0ft (Original Well Elev) North American Datum 1983 Well UWF13D-04 K04, True North							
Type TD	Target No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From TVD
		208.11	Slot		0.0	0.0	0.0
Name	TVD	+N/-S	+E/-W	Latitude	Longitude		
UWF13D-04 K04 TOG	6939.0	-1943.8	-1020.8	39° 38' 15.83 N	108° 10' 43.54 W		
UWF13D-04 K04 BHL	10470.0	-1953.8	-1035.8	39° 38' 15.73 N	108° 10' 43.73 W		

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF13D-04 K04
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 8226.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KB @ 8226.0ft (Original Well Elev)
Site:	K04 Pad	North Reference:	True
Well:	UWF13D-04 K04	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Project	North Piceance		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site	K04 Pad				
Site Position:		Northing:	1,636,938.27 ft	Latitude:	39° 33' 11.18 N
From:	Lat/Long	Easting:	2,263,572.45 ft	Longitude:	108° 6' 43.51 W
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-1.65 °

Well	UWF13D-04 K04					
Well Position	+N/-S	0.0 ft	Northing:	1,670,209.94 ft	Latitude:	39° 38' 35.04 N
	+E/-W	0.0 ft	Easting:	2,246,766.12 ft	Longitude:	108° 10' 30.49 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	8,193.0 ft

Wellbore	DD				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF2010	4/12/2012	(°)	(°)	(nT)
			10.34	65.80	52,205

Design	Plan #1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(ft)	(ft)	(ft)	(°)
	0.0	0.0	0.0	208.11

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
733.3	10.00	197.00	731.6	-27.7	-8.5	3.00	3.00	0.00	197.00	
1,098.4	20.61	208.01	1,083.3	-115.1	-48.0	3.00	2.91	3.02	20.72	
6,636.2	20.61	208.01	6,266.8	-1,835.9	-963.4	0.00	0.00	0.00	0.00	
7,323.2	0.00	0.00	6,939.0	-1,943.8	-1,020.8	3.00	-3.00	0.00	180.00	UWF13D-04 K04 TOC
9,063.8	0.39	236.28	8,679.6	-1,947.1	-1,025.7	0.02	0.02	-7.11	236.28	
10,854.2	0.39	236.28	10,470.0	-1,953.8	-1,035.8	0.00	0.00	0.00	0.00	UWF13D-04 K04 BHL
13,000.2	0.39	236.28	12,615.9	-1,961.9	-1,047.9	0.00	0.00	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF13D-04 K04
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 8226.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KB @ 8226.0ft (Original Well Elev)
Site:	K04 Pad	North Reference:	True
Well:	UWF13D-04 K04	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	
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	KOP @ 400' MD
500.0	3.00	197.00	500.0	-2.5	-0.8	2.6	3.00	3.00	
600.0	6.00	197.00	599.6	-10.0	-3.1	10.3	3.00	3.00	
700.0	9.00	197.00	698.8	-22.5	-6.9	23.1	3.00	3.00	
733.3	10.00	197.00	731.6	-27.7	-8.5	28.5	3.00	3.00	Start 3° Build/Turn @ 733.3' MD
800.0	11.89	200.44	797.1	-39.7	-12.6	41.0	3.00	2.84	
900.0	14.78	203.94	894.4	-61.0	-21.4	63.9	3.00	2.89	
966.1	16.71	205.60	958.0	-77.3	-28.9	81.8	3.00	2.92	A_GROOVE_TVD
1,000.0	17.71	206.32	990.4	-86.3	-33.3	91.8	3.00	2.93	
1,098.4	20.61	208.01	1,083.3	-115.1	-48.0	124.1	3.00	2.95	EOB @ 1098.4' MD; Inc=20.61
1,100.0	20.61	208.01	1,084.8	-115.5	-48.3	124.7	0.00	0.00	
1,136.5	20.61	208.01	1,119.0	-126.9	-54.3	137.5	0.00	0.00	B_GROOVE_TVD
1,179.2	20.61	208.01	1,159.0	-140.2	-61.4	152.6	0.00	0.00	B_GROOVE_BASE_TVD
1,200.0	20.61	208.01	1,178.4	-146.6	-64.8	159.9	0.00	0.00	
1,300.0	20.61	208.01	1,272.0	-177.7	-81.4	195.1	0.00	0.00	
1,400.0	20.61	208.01	1,365.6	-208.8	-97.9	230.3	0.00	0.00	
1,500.0	20.61	208.01	1,459.2	-239.8	-114.4	265.5	0.00	0.00	
1,600.0	20.61	208.01	1,552.8	-270.9	-131.0	300.7	0.00	0.00	
1,700.0	20.61	208.01	1,646.4	-302.0	-147.5	335.9	0.00	0.00	
1,800.0	20.61	208.01	1,740.0	-333.1	-164.0	371.1	0.00	0.00	
1,900.0	20.61	208.01	1,833.6	-364.1	-180.5	406.3	0.00	0.00	
1,995.5	20.61	208.01	1,923.0	-393.8	-196.3	439.9	0.00	0.00	GARDEN_GULCH_TVD
2,000.0	20.61	208.01	1,927.2	-395.2	-197.1	441.4	0.00	0.00	
2,100.0	20.61	208.01	2,020.8	-426.3	-213.6	476.6	0.00	0.00	
2,200.0	20.61	208.01	2,114.4	-457.4	-230.1	511.8	0.00	0.00	
2,300.0	20.61	208.01	2,208.0	-488.4	-246.7	547.0	0.00	0.00	
2,400.0	20.61	208.01	2,301.6	-519.5	-263.2	582.2	0.00	0.00	
2,500.0	20.61	208.01	2,395.2	-550.6	-279.7	617.4	0.00	0.00	
2,600.0	20.61	208.01	2,488.8	-581.7	-296.2	652.6	0.00	0.00	
2,700.0	20.61	208.01	2,582.4	-612.7	-312.8	687.8	0.00	0.00	
2,800.0	20.61	208.01	2,676.0	-643.8	-329.3	723.0	0.00	0.00	
2,900.0	20.61	208.01	2,769.6	-674.9	-345.8	758.2	0.00	0.00	
3,000.0	20.61	208.01	2,863.2	-706.0	-362.4	793.4	0.00	0.00	
3,100.0	20.61	208.01	2,956.8	-737.0	-378.9	828.6	0.00	0.00	
3,123.7	20.61	208.01	2,979.0	-744.4	-382.8	837.0	0.00	0.00	WASATCH_FM_TVD
3,200.0	20.61	208.01	3,050.4	-768.1	-395.4	863.8	0.00	0.00	
3,300.0	20.61	208.01	3,144.0	-799.2	-412.0	899.0	0.00	0.00	
3,400.0	20.61	208.01	3,237.6	-830.3	-428.5	934.2	0.00	0.00	
3,500.0	20.61	208.01	3,331.3	-861.3	-445.0	969.4	0.00	0.00	
3,600.0	20.61	208.01	3,424.9	-892.4	-461.5	1,004.6	0.00	0.00	
3,700.0	20.61	208.01	3,518.5	-923.5	-478.1	1,039.8	0.00	0.00	
3,800.0	20.61	208.01	3,612.1	-954.6	-494.6	1,075.0	0.00	0.00	
3,900.0	20.61	208.01	3,705.7	-985.6	-511.1	1,110.2	0.00	0.00	
4,000.0	20.61	208.01	3,799.3	-1,016.7	-527.7	1,145.4	0.00	0.00	
4,100.0	20.61	208.01	3,892.9	-1,047.8	-544.2	1,180.6	0.00	0.00	
4,200.0	20.61	208.01	3,986.5	-1,078.9	-560.7	1,215.8	0.00	0.00	
4,300.0	20.61	208.01	4,080.1	-1,109.9	-577.2	1,251.0	0.00	0.00	
4,400.0	20.61	208.01	4,173.7	-1,141.0	-593.8	1,286.2	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF13D-04 K04
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 8226.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KB @ 8226.0ft (Original Well Elev)
Site:	K04 Pad	North Reference:	True
Well:	UWF13D-04 K04	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
4,500.0	20.61	208.01	4,267.3	-1,172.1	-610.3	1,321.4	0.00	0.00	
4,600.0	20.61	208.01	4,360.9	-1,203.2	-626.8	1,356.6	0.00	0.00	
4,700.0	20.61	208.01	4,454.5	-1,234.2	-643.4	1,391.8	0.00	0.00	
4,800.0	20.61	208.01	4,548.1	-1,265.3	-659.9	1,427.0	0.00	0.00	
4,900.0	20.61	208.01	4,641.7	-1,296.4	-676.4	1,462.2	0.00	0.00	
5,000.0	20.61	208.01	4,735.3	-1,327.5	-693.0	1,497.4	0.00	0.00	
5,100.0	20.61	208.01	4,828.9	-1,358.5	-709.5	1,532.6	0.00	0.00	
5,200.0	20.61	208.01	4,922.5	-1,389.6	-726.0	1,567.8	0.00	0.00	
5,275.4	20.61	208.01	4,993.0	-1,413.0	-738.5	1,594.3	0.00	0.00	WASATCH_G_TVD
5,300.0	20.61	208.01	5,016.1	-1,420.7	-742.5	1,603.0	0.00	0.00	
5,400.0	20.61	208.01	5,109.7	-1,451.8	-759.1	1,638.2	0.00	0.00	
5,500.0	20.61	208.01	5,203.3	-1,482.8	-775.6	1,673.4	0.00	0.00	
5,600.0	20.61	208.01	5,296.9	-1,513.9	-792.1	1,708.6	0.00	0.00	
5,700.0	20.61	208.01	5,390.5	-1,545.0	-808.7	1,743.8	0.00	0.00	
5,800.0	20.61	208.01	5,484.1	-1,576.1	-825.2	1,778.9	0.00	0.00	
5,900.0	20.61	208.01	5,577.7	-1,607.1	-841.7	1,814.1	0.00	0.00	
6,000.0	20.61	208.01	5,671.3	-1,638.2	-858.2	1,849.3	0.00	0.00	
6,100.0	20.61	208.01	5,764.9	-1,669.3	-874.8	1,884.5	0.00	0.00	
6,200.0	20.61	208.01	5,858.5	-1,700.4	-891.3	1,919.7	0.00	0.00	
6,300.0	20.61	208.01	5,952.1	-1,731.4	-907.8	1,954.9	0.00	0.00	
6,400.0	20.61	208.01	6,045.7	-1,762.5	-924.4	1,990.1	0.00	0.00	
6,500.0	20.61	208.01	6,139.3	-1,793.6	-940.9	2,025.3	0.00	0.00	
6,600.0	20.61	208.01	6,232.9	-1,824.6	-957.4	2,060.5	0.00	0.00	
6,636.2	20.61	208.01	6,266.8	-1,835.9	-963.4	2,073.3	0.00	0.00	Start 3° Drop @ 6636.2' MD
6,700.0	18.69	208.01	6,326.8	-1,854.8	-973.5	2,094.7	3.00	-3.00	
6,800.0	15.69	208.01	6,422.4	-1,880.9	-987.4	2,124.3	3.00	-3.00	
6,900.0	12.69	208.01	6,519.3	-1,902.6	-998.9	2,148.8	3.00	-3.00	
7,000.0	9.69	208.01	6,617.4	-1,919.7	-1,008.0	2,168.2	3.00	-3.00	
7,100.0	6.69	208.01	6,716.4	-1,932.3	-1,014.7	2,182.5	3.00	-3.00	
7,200.0	3.69	208.01	6,815.9	-1,940.3	-1,018.9	2,191.5	3.00	-3.00	
7,300.0	0.69	208.01	6,915.8	-1,943.7	-1,020.7	2,195.3	3.00	-3.00	
7,323.2	0.00	0.00	6,939.0	-1,943.8	-1,020.8	2,195.5	3.00	-3.00	EOD @ 7323.2' MD - WILLIAMS_FORK_TVD -
7,400.0	0.02	236.28	7,015.8	-1,943.8	-1,020.8	2,195.5	0.02	0.02	
7,500.0	0.04	236.28	7,115.8	-1,943.8	-1,020.9	2,195.5	0.02	0.02	
7,600.0	0.06	236.28	7,215.8	-1,943.9	-1,020.9	2,195.6	0.02	0.02	
7,700.0	0.08	236.28	7,315.8	-1,944.0	-1,021.0	2,195.7	0.02	0.02	
7,800.0	0.11	236.28	7,415.8	-1,944.0	-1,021.2	2,195.9	0.02	0.02	
7,900.0	0.13	236.28	7,515.8	-1,944.2	-1,021.3	2,196.1	0.02	0.02	
8,000.0	0.15	236.28	7,615.8	-1,944.3	-1,021.5	2,196.3	0.02	0.02	
8,100.0	0.17	236.28	7,715.8	-1,944.5	-1,021.8	2,196.5	0.02	0.02	
8,200.0	0.20	236.28	7,815.8	-1,944.6	-1,022.0	2,196.8	0.02	0.02	
8,300.0	0.22	236.28	7,915.8	-1,944.8	-1,022.3	2,197.1	0.02	0.02	
8,400.0	0.24	236.28	8,015.8	-1,945.1	-1,022.7	2,197.5	0.02	0.02	
8,500.0	0.26	236.28	8,115.8	-1,945.3	-1,023.0	2,197.9	0.02	0.02	
8,600.0	0.28	236.28	8,215.8	-1,945.6	-1,023.4	2,198.3	0.02	0.02	
8,700.0	0.31	236.28	8,315.8	-1,945.8	-1,023.9	2,198.7	0.02	0.02	
8,800.0	0.33	236.28	8,415.8	-1,946.2	-1,024.3	2,199.2	0.02	0.02	
8,900.0	0.35	236.28	8,515.8	-1,946.5	-1,024.8	2,199.7	0.02	0.02	
9,000.0	0.37	236.28	8,615.8	-1,946.8	-1,025.3	2,200.3	0.02	0.02	
9,063.8	0.39	236.28	8,679.6	-1,947.1	-1,025.7	2,200.7	0.02	0.02	
9,100.0	0.39	236.28	8,715.8	-1,947.2	-1,025.9	2,200.9	0.00	0.00	
9,200.0	0.39	236.28	8,815.8	-1,947.6	-1,026.5	2,201.5	0.00	0.00	

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF13D-04 K04
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 8226.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KB @ 8226.0ft (Original Well Elev)
Site:	K04 Pad	North Reference:	True
Well:	UWF13D-04 K04	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Comments / Formations
9,300.0	0.39	236.28	8,915.8	-1,948.0	-1,027.0	2,202.1	0.00	0.00	
9,400.0	0.39	236.28	9,015.8	-1,948.3	-1,027.6	2,202.7	0.00	0.00	
9,500.0	0.39	236.28	9,115.8	-1,948.7	-1,028.2	2,203.3	0.00	0.00	
9,600.0	0.39	236.28	9,215.8	-1,949.1	-1,028.7	2,203.9	0.00	0.00	
9,700.0	0.39	236.28	9,315.8	-1,949.5	-1,029.3	2,204.5	0.00	0.00	
9,800.0	0.39	236.28	9,415.8	-1,949.8	-1,029.8	2,205.1	0.00	0.00	
9,900.0	0.39	236.28	9,515.8	-1,950.2	-1,030.4	2,205.7	0.00	0.00	
10,000.0	0.39	236.28	9,615.8	-1,950.6	-1,031.0	2,206.3	0.00	0.00	
10,100.0	0.39	236.28	9,715.8	-1,951.0	-1,031.5	2,206.9	0.00	0.00	
10,200.0	0.39	236.28	9,815.8	-1,951.3	-1,032.1	2,207.5	0.00	0.00	
10,300.0	0.39	236.28	9,915.8	-1,951.7	-1,032.7	2,208.1	0.00	0.00	
10,400.0	0.39	236.28	10,015.8	-1,952.1	-1,033.2	2,208.7	0.00	0.00	
10,500.0	0.39	236.28	10,115.8	-1,952.5	-1,033.8	2,209.3	0.00	0.00	
10,600.0	0.39	236.28	10,215.8	-1,952.8	-1,034.4	2,209.8	0.00	0.00	
10,700.0	0.39	236.28	10,315.8	-1,953.2	-1,034.9	2,210.4	0.00	0.00	
10,800.0	0.39	236.28	10,415.8	-1,953.6	-1,035.5	2,211.0	0.00	0.00	
10,854.2	0.39	236.28	10,470.0	-1,953.8	-1,035.8	2,211.4	0.00	0.00	ROLLINS_TVD - UWF13D-04 K04 BHL
10,900.0	0.39	236.28	10,515.8	-1,954.0	-1,036.0	2,211.6	0.00	0.00	
11,000.0	0.39	236.28	10,615.8	-1,954.3	-1,036.6	2,212.2	0.00	0.00	
11,100.0	0.39	236.28	10,715.8	-1,954.7	-1,037.2	2,212.8	0.00	0.00	
11,135.2	0.39	236.28	10,751.0	-1,954.9	-1,037.4	2,213.0	0.00	0.00	COZZETTE_TVD
11,200.0	0.39	236.28	10,815.8	-1,955.1	-1,037.7	2,213.4	0.00	0.00	
11,300.0	0.39	236.28	10,915.8	-1,955.5	-1,038.3	2,214.0	0.00	0.00	
11,306.2	0.39	236.28	10,922.0	-1,955.5	-1,038.3	2,214.1	0.00	0.00	CORCORAN_TVD
11,400.0	0.39	236.28	11,015.8	-1,955.9	-1,038.9	2,214.6	0.00	0.00	
11,500.0	0.39	236.28	11,115.8	-1,956.2	-1,039.4	2,215.2	0.00	0.00	
11,600.0	0.39	236.28	11,215.8	-1,956.6	-1,040.0	2,215.8	0.00	0.00	
11,602.2	0.39	236.28	11,218.0	-1,956.6	-1,040.0	2,215.8	0.00	0.00	UPPER_SEGO_TVD
11,700.0	0.39	236.28	11,315.8	-1,957.0	-1,040.5	2,216.4	0.00	0.00	
11,800.0	0.39	236.28	11,415.8	-1,957.4	-1,041.1	2,217.0	0.00	0.00	
11,900.0	0.39	236.28	11,515.8	-1,957.7	-1,041.7	2,217.6	0.00	0.00	
12,000.0	0.39	236.28	11,615.8	-1,958.1	-1,042.2	2,218.2	0.00	0.00	
12,100.0	0.39	236.28	11,715.8	-1,958.5	-1,042.8	2,218.8	0.00	0.00	
12,200.0	0.39	236.28	11,815.8	-1,958.9	-1,043.4	2,219.4	0.00	0.00	
12,300.0	0.39	236.28	11,915.8	-1,959.2	-1,043.9	2,220.0	0.00	0.00	
12,400.0	0.39	236.28	12,015.8	-1,959.6	-1,044.5	2,220.6	0.00	0.00	
12,500.0	0.39	236.28	12,115.8	-1,960.0	-1,045.1	2,221.2	0.00	0.00	
12,600.0	0.39	236.28	12,215.8	-1,960.4	-1,045.6	2,221.8	0.00	0.00	
12,700.0	0.39	236.28	12,315.8	-1,960.7	-1,046.2	2,222.4	0.00	0.00	
12,800.0	0.39	236.28	12,415.7	-1,961.1	-1,046.7	2,223.0	0.00	0.00	
12,900.0	0.39	236.28	12,515.7	-1,961.5	-1,047.3	2,223.6	0.00	0.00	
13,000.0	0.39	236.28	12,615.7	-1,961.9	-1,047.9	2,224.2	0.00	0.00	
13,000.2	0.39	236.28	12,615.9	-1,961.9	-1,047.9	2,224.2	0.00	0.00	TD @ 13,000' MD

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF13D-04 K04
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KB @ 8226.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KB @ 8226.0ft (Original Well Elev)
Site:	K04 Pad	North Reference:	True
Well:	UWF13D-04 K04	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
UWF13D-04 K04 TOG - plan hits target center - Point	0.00	0.00	6,939.0	-1,943.8	-1,020.8	1,668,297.04	2,245,688.53	39° 38' 15.83 N	108° 10' 43.54 W
UWF13D-04 K04 BHL - plan hits target center - Rectangle (sides W30.0 H50.0 D0.0)	0.00	0.00	10,470.0	-1,953.8	-1,035.8	1,668,287.49	2,245,673.26	39° 38' 15.73 N	108° 10' 43.73 W

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
966.1	958.0	A_GROOVE_TVD				
1,136.5	1,119.0	B_GROOVE_TVD				
1,179.2	1,159.0	B_GROOVE_BASE_TVD				
1,995.5	1,923.0	GARDEN_GULCH_TVD				
3,123.7	2,979.0	WASATCH_FM_TVD				
5,275.4	4,993.0	WASATCH_G_TVD				
7,323.2	6,939.0	WILLIAMS_FORK_TVD				
10,854.2	10,470.0	ROLLINS_TVD				
11,135.2	10,751.0	COZZETTE_TVD				
11,306.2	10,922.0	CORCORAN_TVD				
11,602.2	11,218.0	UPPER_SEGO_TVD				

Plan Annotations					
Measured Depth	Vertical Depth	Local Coordinates		Comment	
(ft)	(ft)	+N/-S	+E/-W		
		(ft)	(ft)		
400.0	400.0	0.0	0.0	KOP @ 400' MD	
733.3	731.6	-27.7	-8.5	Start 3° Build/Turn @ 733.3' MD	
1,098.4	1,083.3	-115.1	-48.0	EOB @ 1098.4' MD; Inc=20.61	
6,636.2	6,266.8	-1,835.9	-963.4	Start 3° Drop @ 6636.2' MD	
7,323.2	6,939.0	-1,943.8	-1,020.8	EOD @ 7323.2' MD	
13,000.2	12,615.9	-1,961.9	-1,047.9	TD @ 13,000' MD	