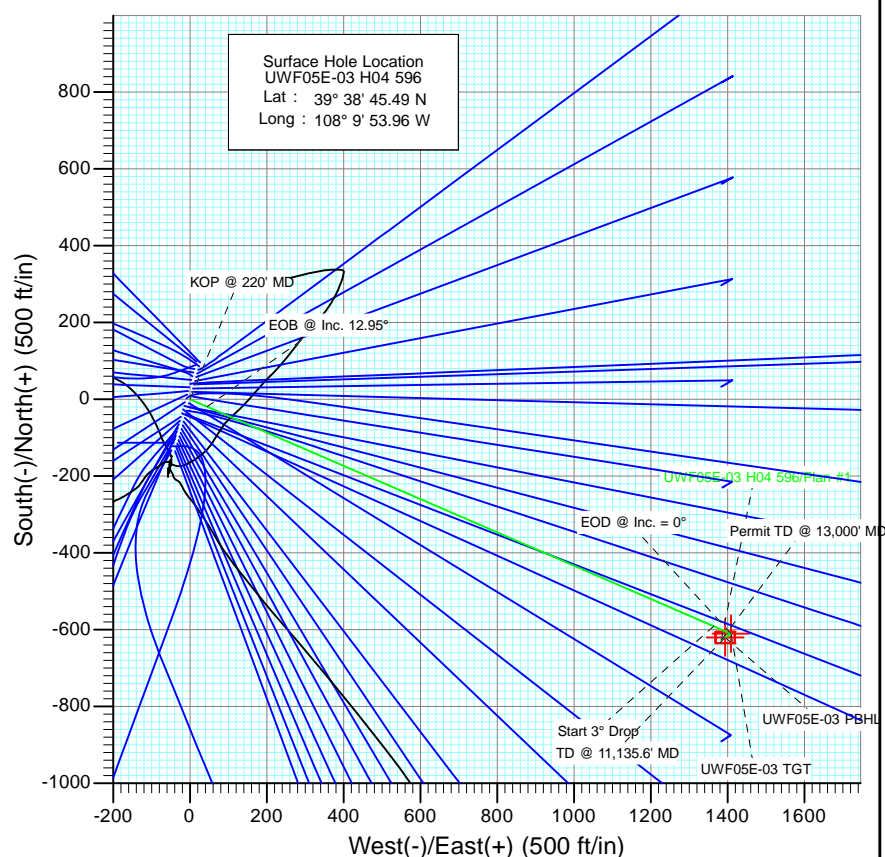


SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	220.0	0.00	0.00	220.0	0.0	0.0	0.00	0.00	0.0	
3	651.5	12.95	113.42	647.9	-19.3	44.5	3.00	113.42	48.5	
4	7072.0	12.95	113.42	6905.1	-590.9	1364.5	0.00	0.00	1486.7	UWF05E-03 TGT
5	7503.5	0.00	0.00	7333.0	-610.2	1409.0	3.00	180.00	1535.2	
6	9257.3	0.38	236.40	9086.7	-613.4	1404.2	0.02	236.40	1532.2	UWF05E-03 PBHL
7	11135.6	0.38	236.40	10965.0	-620.2	1394.0	0.00	0.00	1525.7	
8	13000.0	0.38	236.40	12829.4	-627.0	1383.8	0.00	0.00	1519.2	



Azimuths to True North
Magnetic North: 10.34°

Magnetic Field
Strength: 52206.1nT
Dip Angle: 65.81°
Date: 4/18/2012
Model: IGRF2010

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1089.0	1104.2	A GROOVE
1247.0	1266.3	B GROOVE
1287.0	1307.3	B GROOVE BASE
2124.0	2166.2	GARDEN GULCH
3199.0	3269.2	WASATCH FM
5299.0	5424.0	WASATCH G
7333.0	7503.5	WILLIAMS FORK
10965.0	11135.6	ROLLINS
11197.0	11367.6	COZZETTE
11370.0	11540.6	CORCORAN
11667.0	11837.6	UPPER SEGO

Plan #1
UWF05E-03 H04 596
125XXX; SC
KBE @ 8293.0ft (Original Well Elev)
North American Datum 1983
Well UWF05E-03 H04 596, True North

Type	Target	Azimuth	Origin	Type	N/S	E/W	From
TD	No Target (Freehand)	114.37	Slot		0.0	0.0	0.0
Name	TVD	+N/-S	+E/-W	Latitude	Longitude		
UWF05E-03 TGT	7333.0	-610.2	1409.0	39° 38' 39.46 N	108° 9' 35.95 W		
UWF05E-03 PBHL	10965.0	-620.2	1394.0	39° 38' 39.36 N	108° 9' 36.14 W		

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF05E-03 H04 596
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 8293.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KBE @ 8293.0ft (Original Well Elev)
Site:	H04 Pad	North Reference:	True
Well:	UWF05E-03 H04 596	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	H04 Pad				
Site Position:		Northing:	1,671,070.85 ft	Latitude:	39° 38' 44.37 N
From:	Lat/Long	Easting:	2,249,607.93 ft	Longitude:	108° 9' 54.50 W
Position Uncertainty:	0.0 ft	Slot Radius:	13.200 in	Grid Convergence:	-1.68 °

Well	UWF05E-03 H04 596					
Well Position	+N/-S	0.0 ft	Northing:	1,671,182.88 ft	Latitude:	39° 38' 45.49 N
	+E/-W	0.0 ft	Easting:	2,249,653.47 ft	Longitude:	108° 9' 53.96 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	8,260.0 ft

Wellbore	DD				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	4/18/2012	10.34	65.81	52,206

Design	Plan #1			
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	114.37

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	
220.0	0.00	0.00	220.0	0.0	0.0	0.00	0.00	0.00	0.00	
651.5	12.95	113.42	647.9	-19.3	44.5	3.00	3.00	0.00	113.42	
7,072.0	12.95	113.42	6,905.1	-590.9	1,364.5	0.00	0.00	0.00	0.00	
7,503.5	0.00	0.00	7,333.0	-610.2	1,409.0	3.00	-3.00	0.00	180.00	UWF05E-03 TGT
9,257.3	0.38	236.40	9,086.7	-613.4	1,404.2	0.02	0.02	-7.05	236.40	
11,135.6	0.38	236.40	10,965.0	-620.2	1,394.0	0.00	0.00	0.00	0.00	UWF05E-03 PBHL
13,000.0	0.38	236.40	12,829.4	-627.0	1,383.8	0.00	0.00	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF05E-03 H04 596
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 8293.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KBE @ 8293.0ft (Original Well Elev)
Site:	H04 Pad	North Reference:	True
Well:	UWF05E-03 H04 596	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	
220.0	0.00	0.00	220.0	0.0	0.0	0.0	0.00	0.00	KOP @ 220' MD
300.0	2.40	113.42	300.0	-0.7	1.5	1.7	3.00	3.00	
400.0	5.40	113.42	399.7	-3.4	7.8	8.5	3.00	3.00	
500.0	8.40	113.42	499.0	-8.1	18.8	20.5	3.00	3.00	
600.0	11.40	113.42	597.5	-15.0	34.6	37.7	3.00	3.00	
651.5	12.95	113.42	647.9	-19.3	44.5	48.5	3.00	3.00	EOB @ Inc. 12.95°
700.0	12.95	113.42	695.1	-23.6	54.5	59.4	0.00	0.00	
800.0	12.95	113.42	792.6	-32.5	75.1	81.8	0.00	0.00	
900.0	12.95	113.42	890.0	-41.4	95.6	104.2	0.00	0.00	
1,000.0	12.95	113.42	987.5	-50.3	116.2	126.6	0.00	0.00	
1,100.0	12.95	113.42	1,084.9	-59.2	136.7	149.0	0.00	0.00	
1,104.2	12.95	113.42	1,089.0	-59.6	137.6	149.9	0.00	0.00	A GROOVE
1,200.0	12.95	113.42	1,182.4	-68.1	157.3	171.4	0.00	0.00	
1,266.3	12.95	113.42	1,247.0	-74.0	170.9	186.2	0.00	0.00	B GROOVE
1,300.0	12.95	113.42	1,279.9	-77.0	177.9	193.8	0.00	0.00	
1,307.3	12.95	113.42	1,287.0	-77.7	179.4	195.4	0.00	0.00	B GROOVE BASE
1,400.0	12.95	113.42	1,377.3	-85.9	198.4	216.2	0.00	0.00	
1,500.0	12.95	113.42	1,474.8	-94.8	219.0	238.6	0.00	0.00	
1,600.0	12.95	113.42	1,572.2	-103.7	239.5	261.0	0.00	0.00	
1,700.0	12.95	113.42	1,669.7	-112.6	260.1	283.4	0.00	0.00	
1,800.0	12.95	113.42	1,767.1	-121.5	280.6	305.8	0.00	0.00	
1,900.0	12.95	113.42	1,864.6	-130.4	301.2	328.2	0.00	0.00	
2,000.0	12.95	113.42	1,962.1	-139.3	321.8	350.6	0.00	0.00	
2,100.0	12.95	113.42	2,059.5	-148.3	342.3	373.0	0.00	0.00	
2,166.2	12.95	113.42	2,124.0	-154.1	355.9	387.8	0.00	0.00	GARDEN GULCH
2,200.0	12.95	113.42	2,157.0	-157.2	362.9	395.4	0.00	0.00	
2,300.0	12.95	113.42	2,254.4	-166.1	383.4	417.8	0.00	0.00	
2,400.0	12.95	113.42	2,351.9	-175.0	404.0	440.2	0.00	0.00	
2,500.0	12.95	113.42	2,449.4	-183.9	424.6	462.6	0.00	0.00	
2,600.0	12.95	113.42	2,546.8	-192.8	445.1	485.0	0.00	0.00	
2,700.0	12.95	113.42	2,644.3	-201.7	465.7	507.4	0.00	0.00	
2,800.0	12.95	113.42	2,741.7	-210.6	486.2	529.8	0.00	0.00	
2,900.0	12.95	113.42	2,839.2	-219.5	506.8	552.2	0.00	0.00	
3,000.0	12.95	113.42	2,936.6	-228.4	527.3	574.6	0.00	0.00	
3,100.0	12.95	113.42	3,034.1	-237.3	547.9	597.0	0.00	0.00	
3,200.0	12.95	113.42	3,131.6	-246.2	568.5	619.4	0.00	0.00	
3,269.2	12.95	113.42	3,199.0	-252.3	582.7	634.9	0.00	0.00	WASATCH FM
3,300.0	12.95	113.42	3,229.0	-255.1	589.0	641.8	0.00	0.00	
3,400.0	12.95	113.42	3,326.5	-264.0	609.6	664.2	0.00	0.00	
3,500.0	12.95	113.42	3,423.9	-272.9	630.1	686.6	0.00	0.00	
3,600.0	12.95	113.42	3,521.4	-281.8	650.7	709.0	0.00	0.00	
3,700.0	12.95	113.42	3,618.9	-290.7	671.2	731.4	0.00	0.00	
3,800.0	12.95	113.42	3,716.3	-299.6	691.8	753.8	0.00	0.00	
3,900.0	12.95	113.42	3,813.8	-308.5	712.4	776.2	0.00	0.00	
4,000.0	12.95	113.42	3,911.2	-317.4	732.9	798.6	0.00	0.00	
4,100.0	12.95	113.42	4,008.7	-326.3	753.5	821.0	0.00	0.00	
4,200.0	12.95	113.42	4,106.1	-335.2	774.0	843.4	0.00	0.00	
4,300.0	12.95	113.42	4,203.6	-344.1	794.6	865.8	0.00	0.00	
4,400.0	12.95	113.42	4,301.1	-353.0	815.2	888.2	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF05E-03 H04 596
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 8293.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KBE @ 8293.0ft (Original Well Elev)
Site:	H04 Pad	North Reference:	True
Well:	UWF05E-03 H04 596	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	12.95	113.42	4,398.5	-361.9	835.7	910.6	0.00	0.00	
4,600.0	12.95	113.42	4,496.0	-370.8	856.3	933.0	0.00	0.00	
4,700.0	12.95	113.42	4,593.4	-379.7	876.8	955.4	0.00	0.00	
4,800.0	12.95	113.42	4,690.9	-388.6	897.4	977.8	0.00	0.00	
4,900.0	12.95	113.42	4,788.4	-397.5	917.9	1,000.2	0.00	0.00	
5,000.0	12.95	113.42	4,885.8	-406.4	938.5	1,022.6	0.00	0.00	
5,100.0	12.95	113.42	4,983.3	-415.3	959.1	1,045.0	0.00	0.00	
5,200.0	12.95	113.42	5,080.7	-424.2	979.6	1,067.4	0.00	0.00	
5,300.0	12.95	113.42	5,178.2	-433.2	1,000.2	1,089.8	0.00	0.00	
5,400.0	12.95	113.42	5,275.6	-442.1	1,020.7	1,112.2	0.00	0.00	
5,424.0	12.95	113.42	5,299.0	-444.2	1,025.7	1,117.6	0.00	0.00	WASATCH G
5,500.0	12.95	113.42	5,373.1	-451.0	1,041.3	1,134.6	0.00	0.00	
5,600.0	12.95	113.42	5,470.6	-459.9	1,061.8	1,157.0	0.00	0.00	
5,700.0	12.95	113.42	5,568.0	-468.8	1,082.4	1,179.4	0.00	0.00	
5,800.0	12.95	113.42	5,665.5	-477.7	1,103.0	1,201.8	0.00	0.00	
5,900.0	12.95	113.42	5,762.9	-486.6	1,123.5	1,224.2	0.00	0.00	
6,000.0	12.95	113.42	5,860.4	-495.5	1,144.1	1,246.6	0.00	0.00	
6,100.0	12.95	113.42	5,957.9	-504.4	1,164.6	1,269.0	0.00	0.00	
6,200.0	12.95	113.42	6,055.3	-513.3	1,185.2	1,291.4	0.00	0.00	
6,300.0	12.95	113.42	6,152.8	-522.2	1,205.7	1,313.8	0.00	0.00	
6,400.0	12.95	113.42	6,250.2	-531.1	1,226.3	1,336.2	0.00	0.00	
6,500.0	12.95	113.42	6,347.7	-540.0	1,246.9	1,358.6	0.00	0.00	
6,600.0	12.95	113.42	6,445.1	-548.9	1,267.4	1,381.0	0.00	0.00	
6,700.0	12.95	113.42	6,542.6	-557.8	1,288.0	1,403.4	0.00	0.00	
6,800.0	12.95	113.42	6,640.1	-566.7	1,308.5	1,425.8	0.00	0.00	
6,900.0	12.95	113.42	6,737.5	-575.6	1,329.1	1,448.2	0.00	0.00	
7,000.0	12.95	113.42	6,835.0	-584.5	1,349.7	1,470.6	0.00	0.00	
7,072.0	12.95	113.42	6,905.1	-590.9	1,364.5	1,486.7	0.00	0.00	Start 3° Drop
7,100.0	12.11	113.42	6,932.5	-593.3	1,370.0	1,492.8	3.00	-3.00	
7,200.0	9.11	113.42	7,030.8	-600.6	1,386.9	1,511.2	3.00	-3.00	
7,300.0	6.11	113.42	7,129.9	-605.9	1,399.1	1,524.4	3.00	-3.00	
7,400.0	3.11	113.42	7,229.5	-609.1	1,406.4	1,532.4	3.00	-3.00	
7,503.5	0.00	0.00	7,333.0	-610.2	1,409.0	1,535.2	3.00	-3.00	EOD @ Inc. = 0° - WILLIAMS FORK
7,600.0	0.02	236.40	7,429.5	-610.2	1,409.0	1,535.2	0.02	0.02	
7,700.0	0.04	236.40	7,529.5	-610.2	1,408.9	1,535.2	0.02	0.02	
7,800.0	0.06	236.40	7,629.5	-610.3	1,408.9	1,535.2	0.02	0.02	
7,900.0	0.08	236.40	7,729.5	-610.4	1,408.8	1,535.1	0.02	0.02	
8,000.0	0.11	236.40	7,829.5	-610.5	1,408.6	1,535.0	0.02	0.02	
8,100.0	0.13	236.40	7,929.5	-610.6	1,408.4	1,534.9	0.02	0.02	
8,200.0	0.15	236.40	8,029.5	-610.7	1,408.2	1,534.8	0.02	0.02	
8,300.0	0.17	236.40	8,129.5	-610.9	1,408.0	1,534.6	0.02	0.02	
8,400.0	0.19	236.40	8,229.5	-611.0	1,407.7	1,534.4	0.02	0.02	
8,500.0	0.21	236.40	8,329.5	-611.2	1,407.5	1,534.3	0.02	0.02	
8,600.0	0.23	236.40	8,429.5	-611.4	1,407.1	1,534.1	0.02	0.02	
8,700.0	0.26	236.40	8,529.5	-611.7	1,406.8	1,533.8	0.02	0.02	
8,800.0	0.28	236.40	8,629.5	-611.9	1,406.4	1,533.6	0.02	0.02	
8,900.0	0.30	236.40	8,729.5	-612.2	1,406.0	1,533.3	0.02	0.02	
9,000.0	0.32	236.40	8,829.5	-612.5	1,405.5	1,533.0	0.02	0.02	
9,100.0	0.34	236.40	8,929.5	-612.8	1,405.0	1,532.7	0.02	0.02	
9,200.0	0.36	236.40	9,029.5	-613.2	1,404.5	1,532.4	0.02	0.02	
9,257.3	0.38	236.40	9,086.7	-613.4	1,404.2	1,532.2	0.02	0.02	
9,300.0	0.38	236.40	9,129.5	-613.5	1,404.0	1,532.0	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF05E-03 H04 596
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 8293.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KBE @ 8293.0ft (Original Well Elev)
Site:	H04 Pad	North Reference:	True
Well:	UWF05E-03 H04 596	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
9,400.0	0.38	236.40	9,229.5	-613.9	1,403.4	1,531.7	0.00	0.00	
9,500.0	0.38	236.40	9,329.5	-614.3	1,402.9	1,531.3	0.00	0.00	
9,600.0	0.38	236.40	9,429.5	-614.6	1,402.3	1,531.0	0.00	0.00	
9,700.0	0.38	236.40	9,529.5	-615.0	1,401.8	1,530.7	0.00	0.00	
9,800.0	0.38	236.40	9,629.5	-615.4	1,401.2	1,530.3	0.00	0.00	
9,900.0	0.38	236.40	9,729.5	-615.7	1,400.7	1,530.0	0.00	0.00	
10,000.0	0.38	236.40	9,829.5	-616.1	1,400.2	1,529.6	0.00	0.00	
10,100.0	0.38	236.40	9,929.5	-616.4	1,399.6	1,529.3	0.00	0.00	
10,200.0	0.38	236.40	10,029.5	-616.8	1,399.1	1,528.9	0.00	0.00	
10,300.0	0.38	236.40	10,129.4	-617.2	1,398.5	1,528.6	0.00	0.00	
10,400.0	0.38	236.40	10,229.4	-617.5	1,398.0	1,528.2	0.00	0.00	
10,500.0	0.38	236.40	10,329.4	-617.9	1,397.4	1,527.9	0.00	0.00	
10,600.0	0.38	236.40	10,429.4	-618.3	1,396.9	1,527.5	0.00	0.00	
10,700.0	0.38	236.40	10,529.4	-618.6	1,396.3	1,527.2	0.00	0.00	
10,800.0	0.38	236.40	10,629.4	-619.0	1,395.8	1,526.8	0.00	0.00	
10,900.0	0.38	236.40	10,729.4	-619.3	1,395.2	1,526.5	0.00	0.00	
11,000.0	0.38	236.40	10,829.4	-619.7	1,394.7	1,526.1	0.00	0.00	
11,100.0	0.38	236.40	10,929.4	-620.1	1,394.1	1,525.8	0.00	0.00	
11,135.6	0.38	236.40	10,965.0	-620.2	1,394.0	1,525.7	0.00	0.00	TD @ 11,135.6' MD - ROLLINS
11,200.0	0.38	236.40	11,029.4	-620.4	1,393.6	1,525.4	0.00	0.00	
11,300.0	0.38	236.40	11,129.4	-620.8	1,393.1	1,525.1	0.00	0.00	
11,367.6	0.38	236.40	11,197.0	-621.0	1,392.7	1,524.9	0.00	0.00	COZZETTE
11,400.0	0.38	236.40	11,229.4	-621.2	1,392.5	1,524.7	0.00	0.00	
11,500.0	0.38	236.40	11,329.4	-621.5	1,392.0	1,524.4	0.00	0.00	
11,540.6	0.38	236.40	11,370.0	-621.7	1,391.7	1,524.3	0.00	0.00	CORCORAN
11,600.0	0.38	236.40	11,429.4	-621.9	1,391.4	1,524.0	0.00	0.00	
11,700.0	0.38	236.40	11,529.4	-622.3	1,390.9	1,523.7	0.00	0.00	
11,800.0	0.38	236.40	11,629.4	-622.6	1,390.3	1,523.4	0.00	0.00	
11,837.6	0.38	236.40	11,667.0	-622.8	1,390.1	1,523.2	0.00	0.00	UPPER SEGO
11,900.0	0.38	236.40	11,729.4	-623.0	1,389.8	1,523.0	0.00	0.00	
12,000.0	0.38	236.40	11,829.4	-623.3	1,389.2	1,522.7	0.00	0.00	
12,100.0	0.38	236.40	11,929.4	-623.7	1,388.7	1,522.3	0.00	0.00	
12,200.0	0.38	236.40	12,029.4	-624.1	1,388.1	1,522.0	0.00	0.00	
12,300.0	0.38	236.40	12,129.4	-624.4	1,387.6	1,521.6	0.00	0.00	
12,400.0	0.38	236.40	12,229.4	-624.8	1,387.0	1,521.3	0.00	0.00	
12,500.0	0.38	236.40	12,329.4	-625.2	1,386.5	1,520.9	0.00	0.00	
12,600.0	0.38	236.40	12,429.4	-625.5	1,386.0	1,520.6	0.00	0.00	
12,700.0	0.38	236.40	12,529.4	-625.9	1,385.4	1,520.2	0.00	0.00	
12,800.0	0.38	236.40	12,629.4	-626.2	1,384.9	1,519.9	0.00	0.00	
12,900.0	0.38	236.40	12,729.4	-626.6	1,384.3	1,519.5	0.00	0.00	
13,000.0	0.38	236.40	12,829.4	-627.0	1,383.8	1,519.2	0.00	0.00	Permit TD @ 13,000' MD

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF05E-03 H04 596
Company:	EnCana Oil & Gas (USA) Inc	TVD Reference:	KBE @ 8293.0ft (Original Well Elev)
Project:	North Piceance	MD Reference:	KBE @ 8293.0ft (Original Well Elev)
Site:	H04 Pad	North Reference:	True
Well:	UWF05E-03 H04 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Targets									
Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
UWF05E-03 TGT	0.00	0.00	7,333.0	-610.2	1,409.0	1,670,531.61	2,251,043.97	39° 38' 39.46 N	108° 9' 35.95 W
- plan hits target center									
- Point									
UWF05E-03 PBHL	0.00	0.00	10,965.0	-620.2	1,394.0	1,670,522.06	2,251,028.64	39° 38' 39.36 N	108° 9' 36.14 W
- plan hits target center									
- Rectangle (sides W30.0 H50.0 D0.0)									

Formations						
Measured Depth	Vertical Depth	Name	Lithology	Dip	Dip Direction	
(ft)	(ft)			(°)	(°)	
1,104.2	1,089.0	A GROOVE				
1,266.3	1,247.0	B GROOVE				
1,307.3	1,287.0	B GROOVE BASE				
2,166.2	2,124.0	GARDEN GULCH				
3,269.2	3,199.0	WASATCH FM				
5,424.0	5,299.0	WASATCH G				
7,503.5	7,333.0	WILLIAMS FORK				
11,135.6	10,965.0	ROLLINS				
11,367.6	11,197.0	COZZETTE				
11,540.6	11,370.0	CORCORAN				
11,837.6	11,667.0	UPPER SEGO				

Plan Annotations				
Measured Depth	Vertical Depth	Local Coordinates		Comment
(ft)	(ft)	+N/-S (ft)	+E/-W (ft)	
220.0	220.0	0.0	0.0	KOP @ 220' MD
651.5	647.9	-19.3	44.5	EOB @ Inc. 12.95°
7,072.0	6,905.1	-590.9	1,364.5	Start 3° Drop
7,503.5	7,333.0	-610.2	1,409.0	EOD @ Inc. = 0°
11,135.6	10,965.0	-620.2	1,394.0	TD @ 11,135.6' MD
13,000.0	12,829.4	-627.0	1,383.8	Permit TD @ 13,000' MD