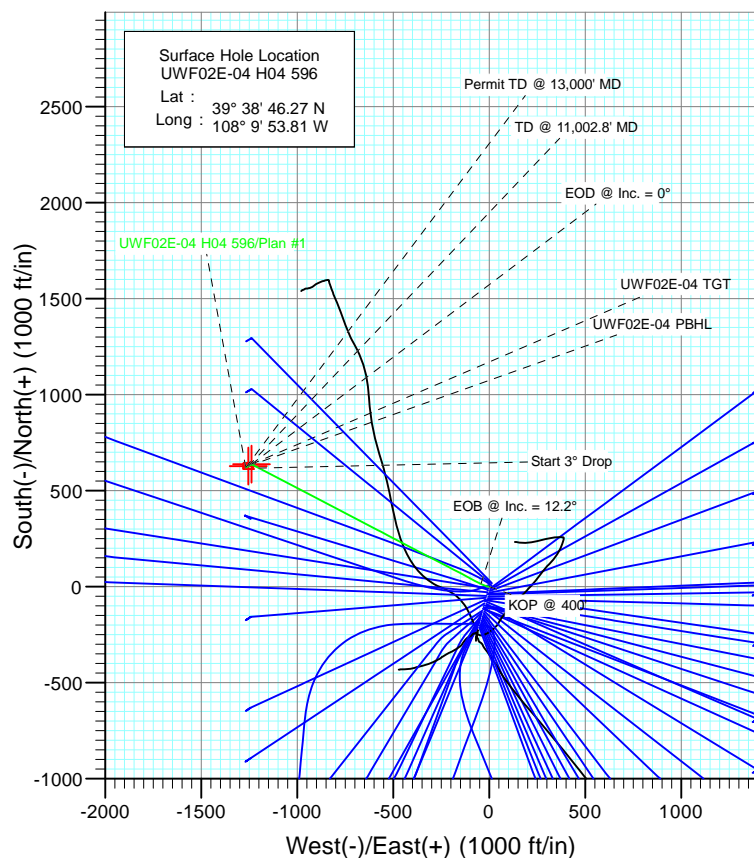


SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	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	600.0	6.00	280.00	599.6	1.8	-10.3	3.00	280.00	10.1	
4	824.0	12.20	297.56	820.8	14.8	-42.9	3.00	33.00	45.0	
5	6999.1	12.20	297.56	6856.5	618.5	-1199.4	0.00	0.00	1349.2	
6	7405.7	0.00	0.00	7260.0	638.4	-1237.6	3.00	180.00	1392.3	UWF02E-04 TGT
7	9216.8	0.42	239.57	9071.1	635.0	-1243.3	0.02	239.57	1395.9	UWF02E-04 PBHL
8	11002.8	0.42	239.57	10857.0	628.4	-1254.6	0.00	0.00	1403.2	
9	13000.0	0.42	239.57	12854.2	621.0	-1267.3	0.00	0.00	1411.3	



Azimuths to True North
Magnetic North: 10.34°

Magnetic Field
Strength: 52206.2snT
Dip Angle: 65.81°
Date: 4/18/2012
Model: IGRF2010

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1092.0	1101.5	A GROOVE
1251.0	1264.2	B GROOVE
1291.0	1305.1	B GROOVE BASE
2118.0	2151.2	GARDEN GULCH
3157.0	3214.2	WASATCH FM
5245.0	5350.4	WASATCH G
7260.0	7405.7	WILLIAMS FORK
10857.0	11002.8	ROLLINS
11084.0	11229.8	COZZETTE
11255.0	11400.8	CORCORAN
11551.0	11696.8	UPPER SEGO

Plan #1
UWF02E-04 H04 596
125XXX: SC
KBE @ 8293.0ft (Original Well Elev)
North American Datum 1983
Well UWF02E-04 H04 596, True North

Type	Target	Azimuth	Origin	Type	N/S	E/W	From
TD	No Target (Freehand)	296.10	Slot		0.0	0.0	TVD
Name		TVD	+N/-S	+E/-W	Latitude	Longitude	
UWF02E-04 TGT		7260.0	638.4	-1237.6	39° 38' 52.58 N	108° 10' 9.63 W	
UWF02E-04 PBHL		10857.0	628.4	-1254.6	39° 38' 52.48 N	108° 10' 9.85 W	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF02E-04 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:	UWF02E-04 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	UWF02E-04 H04 596					
Well Position	+N/-S	0.0 ft	Northing:	1,671,261.42 ft	Latitude:	39° 38' 46.27 N
	+E/-W	0.0 ft	Easting:	2,249,667.52 ft	Longitude:	108° 9' 53.81 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	296.10

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	
600.0	6.00	280.00	599.6	1.8	-10.3	3.00	3.00	0.00	280.00	
824.0	12.20	297.56	820.8	14.8	-42.9	3.00	2.77	7.84	33.00	
6,999.1	12.20	297.56	6,856.5	618.5	-1,199.4	0.00	0.00	0.00	0.00	
7,405.7	0.00	0.00	7,260.0	638.4	-1,237.6	3.00	-3.00	0.00	180.00	UWF02E-04 TGT
9,216.8	0.42	239.57	9,071.1	635.0	-1,243.3	0.02	0.02	-6.65	239.57	
11,002.8	0.42	239.57	10,857.0	628.4	-1,254.6	0.00	0.00	0.00	0.00	UWF02E-04 PBHL
13,000.0	0.42	239.57	12,854.2	621.0	-1,267.3	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 UWF02E-04 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:	UWF02E-04 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	
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'
500.0	3.00	280.00	500.0	0.5	-2.6	2.5	3.00	3.00	
600.0	6.00	280.00	599.6	1.8	-10.3	10.1	3.00	3.00	
700.0	8.67	290.90	698.8	5.4	-22.5	22.6	3.00	2.67	
800.0	11.50	296.59	797.3	12.6	-38.5	40.1	3.00	2.83	
824.0	12.20	297.56	820.7	14.8	-42.8	45.0	3.00	2.88	EOB @ Inc. = 12.2°
900.0	12.20	297.56	895.0	22.2	-57.1	61.0	0.00	0.00	
1,000.0	12.20	297.56	992.8	32.0	-75.8	82.2	0.00	0.00	
1,100.0	12.20	297.56	1,090.5	41.8	-94.5	103.3	0.00	0.00	
1,101.5	12.20	297.56	1,092.0	41.9	-94.8	103.6	0.00	0.00	A GROOVE
1,200.0	12.20	297.56	1,188.3	51.6	-113.3	124.4	0.00	0.00	
1,264.2	12.20	297.56	1,251.0	57.8	-125.3	138.0	0.00	0.00	B GROOVE
1,300.0	12.20	297.56	1,286.0	61.3	-132.0	145.5	0.00	0.00	
1,305.1	12.20	297.56	1,291.0	61.8	-133.0	146.6	0.00	0.00	B GROOVE BASE
1,400.0	12.20	297.56	1,383.7	71.1	-150.7	166.6	0.00	0.00	
1,500.0	12.20	297.56	1,481.5	80.9	-169.5	187.8	0.00	0.00	
1,600.0	12.20	297.56	1,579.2	90.7	-188.2	208.9	0.00	0.00	
1,700.0	12.20	297.56	1,677.0	100.4	-206.9	230.0	0.00	0.00	
1,800.0	12.20	297.56	1,774.7	110.2	-225.6	251.1	0.00	0.00	
1,900.0	12.20	297.56	1,872.5	120.0	-244.4	272.2	0.00	0.00	
2,000.0	12.20	297.56	1,970.2	129.8	-263.1	293.4	0.00	0.00	
2,100.0	12.20	297.56	2,067.9	139.5	-281.8	314.5	0.00	0.00	
2,151.2	12.20	297.56	2,118.0	144.6	-291.4	325.3	0.00	0.00	GARDEN GULCH
2,200.0	12.20	297.56	2,165.7	149.3	-300.6	335.6	0.00	0.00	
2,300.0	12.20	297.56	2,263.4	159.1	-319.3	356.7	0.00	0.00	
2,400.0	12.20	297.56	2,361.2	168.9	-338.0	377.8	0.00	0.00	
2,500.0	12.20	297.56	2,458.9	178.6	-356.7	399.0	0.00	0.00	
2,600.0	12.20	297.56	2,556.7	188.4	-375.5	420.1	0.00	0.00	
2,700.0	12.20	297.56	2,654.4	198.2	-394.2	441.2	0.00	0.00	
2,800.0	12.20	297.56	2,752.1	208.0	-412.9	462.3	0.00	0.00	
2,900.0	12.20	297.56	2,849.9	217.7	-431.7	483.4	0.00	0.00	
3,000.0	12.20	297.56	2,947.6	227.5	-450.4	504.6	0.00	0.00	
3,100.0	12.20	297.56	3,045.4	237.3	-469.1	525.7	0.00	0.00	
3,200.0	12.20	297.56	3,143.1	247.1	-487.8	546.8	0.00	0.00	
3,214.2	12.20	297.56	3,157.0	248.5	-490.5	549.8	0.00	0.00	WASATCH FM
3,300.0	12.20	297.56	3,240.9	256.8	-506.6	567.9	0.00	0.00	
3,400.0	12.20	297.56	3,338.6	266.6	-525.3	589.0	0.00	0.00	
3,500.0	12.20	297.56	3,436.3	276.4	-544.0	610.2	0.00	0.00	
3,600.0	12.20	297.56	3,534.1	286.2	-562.8	631.3	0.00	0.00	
3,700.0	12.20	297.56	3,631.8	296.0	-581.5	652.4	0.00	0.00	
3,800.0	12.20	297.56	3,729.6	305.7	-600.2	673.5	0.00	0.00	
3,900.0	12.20	297.56	3,827.3	315.5	-618.9	694.6	0.00	0.00	
4,000.0	12.20	297.56	3,925.1	325.3	-637.7	715.8	0.00	0.00	
4,100.0	12.20	297.56	4,022.8	335.1	-656.4	736.9	0.00	0.00	
4,200.0	12.20	297.56	4,120.5	344.8	-675.1	758.0	0.00	0.00	
4,300.0	12.20	297.56	4,218.3	354.6	-693.9	779.1	0.00	0.00	
4,400.0	12.20	297.56	4,316.0	364.4	-712.6	800.2	0.00	0.00	
4,500.0	12.20	297.56	4,413.8	374.2	-731.3	821.4	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF02E-04 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:	UWF02E-04 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
4,600.0	12.20	297.56	4,511.5	383.9	-750.0	842.5	0.00	0.00	
4,700.0	12.20	297.56	4,609.3	393.7	-768.8	863.6	0.00	0.00	
4,800.0	12.20	297.56	4,707.0	403.5	-787.5	884.7	0.00	0.00	
4,900.0	12.20	297.56	4,804.7	413.3	-806.2	905.8	0.00	0.00	
5,000.0	12.20	297.56	4,902.5	423.0	-825.0	927.0	0.00	0.00	
5,100.0	12.20	297.56	5,000.2	432.8	-843.7	948.1	0.00	0.00	
5,200.0	12.20	297.56	5,098.0	442.6	-862.4	969.2	0.00	0.00	
5,300.0	12.20	297.56	5,195.7	452.4	-881.2	990.3	0.00	0.00	
5,350.4	12.20	297.56	5,245.0	457.3	-890.6	1,001.0	0.00	0.00	WASATCH G
5,400.0	12.20	297.56	5,293.5	462.1	-899.9	1,011.4	0.00	0.00	
5,500.0	12.20	297.56	5,391.2	471.9	-918.6	1,032.5	0.00	0.00	
5,600.0	12.20	297.56	5,488.9	481.7	-937.3	1,053.7	0.00	0.00	
5,700.0	12.20	297.56	5,586.7	491.5	-956.1	1,074.8	0.00	0.00	
5,800.0	12.20	297.56	5,684.4	501.2	-974.8	1,095.9	0.00	0.00	
5,900.0	12.20	297.56	5,782.2	511.0	-993.5	1,117.0	0.00	0.00	
6,000.0	12.20	297.56	5,879.9	520.8	-1,012.3	1,138.1	0.00	0.00	
6,100.0	12.20	297.56	5,977.7	530.6	-1,031.0	1,159.3	0.00	0.00	
6,200.0	12.20	297.56	6,075.4	540.3	-1,049.7	1,180.4	0.00	0.00	
6,300.0	12.20	297.56	6,173.1	550.1	-1,068.4	1,201.5	0.00	0.00	
6,400.0	12.20	297.56	6,270.9	559.9	-1,087.2	1,222.6	0.00	0.00	
6,500.0	12.20	297.56	6,368.6	569.7	-1,105.9	1,243.7	0.00	0.00	
6,600.0	12.20	297.56	6,466.4	579.4	-1,124.6	1,264.9	0.00	0.00	
6,700.0	12.20	297.56	6,564.1	589.2	-1,143.4	1,286.0	0.00	0.00	
6,800.0	12.20	297.56	6,661.9	599.0	-1,162.1	1,307.1	0.00	0.00	
6,900.0	12.20	297.56	6,759.6	608.8	-1,180.8	1,328.2	0.00	0.00	
6,999.1	12.20	297.56	6,856.5	618.4	-1,199.4	1,349.2	0.00	0.00	Start 3° Drop
7,100.0	9.17	297.56	6,955.6	627.1	-1,216.0	1,367.9	3.00	-3.00	
7,200.0	6.17	297.56	7,054.7	633.3	-1,227.8	1,381.2	3.00	-3.00	
7,300.0	3.17	297.56	7,154.4	637.0	-1,235.0	1,389.3	3.00	-3.00	
7,405.7	0.00	0.00	7,260.0	638.4	-1,237.6	1,392.3	3.00	-3.00	EOD @ Inc. = 0° - WILLIAMS FORK
7,500.0	0.02	239.57	7,354.3	638.4	-1,237.6	1,392.3	0.02	0.02	
7,600.0	0.05	239.57	7,454.3	638.4	-1,237.7	1,392.3	0.02	0.02	
7,700.0	0.07	239.57	7,554.3	638.3	-1,237.8	1,392.4	0.02	0.02	
7,800.0	0.09	239.57	7,654.3	638.2	-1,237.9	1,392.4	0.02	0.02	
7,900.0	0.11	239.57	7,754.3	638.1	-1,238.0	1,392.5	0.02	0.02	
8,000.0	0.14	239.57	7,854.3	638.0	-1,238.2	1,392.7	0.02	0.02	
8,100.0	0.16	239.57	7,954.3	637.9	-1,238.4	1,392.8	0.02	0.02	
8,200.0	0.18	239.57	8,054.3	637.8	-1,238.7	1,393.0	0.02	0.02	
8,300.0	0.21	239.57	8,154.3	637.6	-1,239.0	1,393.2	0.02	0.02	
8,400.0	0.23	239.57	8,254.3	637.4	-1,239.3	1,393.4	0.02	0.02	
8,500.0	0.25	239.57	8,354.3	637.2	-1,239.7	1,393.6	0.02	0.02	
8,600.0	0.28	239.57	8,454.3	636.9	-1,240.1	1,393.9	0.02	0.02	
8,700.0	0.30	239.57	8,554.3	636.7	-1,240.5	1,394.1	0.02	0.02	
8,800.0	0.32	239.57	8,654.3	636.4	-1,241.0	1,394.4	0.02	0.02	
8,900.0	0.35	239.57	8,754.3	636.1	-1,241.5	1,394.8	0.02	0.02	
9,000.0	0.37	239.57	8,854.3	635.8	-1,242.0	1,395.1	0.02	0.02	
9,100.0	0.39	239.57	8,954.3	635.5	-1,242.6	1,395.5	0.02	0.02	
9,200.0	0.42	239.57	9,054.3	635.1	-1,243.2	1,395.9	0.02	0.02	
9,216.8	0.42	239.57	9,071.1	635.0	-1,243.3	1,395.9	0.02	0.02	
9,300.0	0.42	239.57	9,154.3	634.7	-1,243.9	1,396.3	0.00	0.00	
9,400.0	0.42	239.57	9,254.3	634.3	-1,244.5	1,396.7	0.00	0.00	
9,500.0	0.42	239.57	9,354.3	634.0	-1,245.1	1,397.1	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF02E-04 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:	UWF02E-04 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
9,600.0	0.42	239.57	9,454.3	633.6	-1,245.8	1,397.5	0.00	0.00	
9,700.0	0.42	239.57	9,554.3	633.2	-1,246.4	1,397.9	0.00	0.00	
9,800.0	0.42	239.57	9,654.3	632.9	-1,247.0	1,398.3	0.00	0.00	
9,900.0	0.42	239.57	9,754.3	632.5	-1,247.7	1,398.7	0.00	0.00	
10,000.0	0.42	239.57	9,854.3	632.1	-1,248.3	1,399.1	0.00	0.00	
10,100.0	0.42	239.57	9,954.3	631.7	-1,248.9	1,399.5	0.00	0.00	
10,200.0	0.42	239.57	10,054.3	631.4	-1,249.6	1,399.9	0.00	0.00	
10,300.0	0.42	239.57	10,154.3	631.0	-1,250.2	1,400.3	0.00	0.00	
10,400.0	0.42	239.57	10,254.3	630.6	-1,250.8	1,400.7	0.00	0.00	
10,500.0	0.42	239.57	10,354.3	630.3	-1,251.5	1,401.1	0.00	0.00	
10,600.0	0.42	239.57	10,454.2	629.9	-1,252.1	1,401.5	0.00	0.00	
10,700.0	0.42	239.57	10,554.2	629.5	-1,252.7	1,401.9	0.00	0.00	
10,800.0	0.42	239.57	10,654.2	629.1	-1,253.4	1,402.3	0.00	0.00	
10,900.0	0.42	239.57	10,754.2	628.8	-1,254.0	1,402.7	0.00	0.00	
11,002.8	0.42	239.57	10,857.0	628.4	-1,254.6	1,403.2	0.00	0.00	TD @ 11,002.8' MD - ROLLINS
11,100.0	0.42	239.57	10,954.2	628.0	-1,255.3	1,403.6	0.00	0.00	
11,200.0	0.42	239.57	11,054.2	627.7	-1,255.9	1,404.0	0.00	0.00	
11,229.8	0.42	239.57	11,084.0	627.5	-1,256.1	1,404.1	0.00	0.00	COZZETTE
11,300.0	0.42	239.57	11,154.2	627.3	-1,256.5	1,404.4	0.00	0.00	
11,400.0	0.42	239.57	11,254.2	626.9	-1,257.2	1,404.8	0.00	0.00	
11,400.8	0.42	239.57	11,255.0	626.9	-1,257.2	1,404.8	0.00	0.00	CORCORAN
11,500.0	0.42	239.57	11,354.2	626.5	-1,257.8	1,405.2	0.00	0.00	
11,600.0	0.42	239.57	11,454.2	626.2	-1,258.4	1,405.6	0.00	0.00	
11,696.8	0.42	239.57	11,551.0	625.8	-1,259.0	1,406.0	0.00	0.00	UPPER SEGO
11,700.0	0.42	239.57	11,554.2	625.8	-1,259.1	1,406.0	0.00	0.00	
11,800.0	0.42	239.57	11,654.2	625.4	-1,259.7	1,406.4	0.00	0.00	
11,900.0	0.42	239.57	11,754.2	625.0	-1,260.3	1,406.8	0.00	0.00	
12,000.0	0.42	239.57	11,854.2	624.7	-1,261.0	1,407.2	0.00	0.00	
12,100.0	0.42	239.57	11,954.2	624.3	-1,261.6	1,407.6	0.00	0.00	
12,200.0	0.42	239.57	12,054.2	623.9	-1,262.2	1,408.0	0.00	0.00	
12,300.0	0.42	239.57	12,154.2	623.6	-1,262.9	1,408.4	0.00	0.00	
12,400.0	0.42	239.57	12,254.2	623.2	-1,263.5	1,408.8	0.00	0.00	
12,500.0	0.42	239.57	12,354.2	622.8	-1,264.1	1,409.2	0.00	0.00	
12,600.0	0.42	239.57	12,454.2	622.4	-1,264.8	1,409.6	0.00	0.00	
12,700.0	0.42	239.57	12,554.2	622.1	-1,265.4	1,410.0	0.00	0.00	
12,800.0	0.42	239.57	12,654.2	621.7	-1,266.0	1,410.4	0.00	0.00	
12,900.0	0.42	239.57	12,754.2	621.3	-1,266.7	1,410.8	0.00	0.00	
13,000.0	0.42	239.57	12,854.2	621.0	-1,267.3	1,411.3	0.00	0.00	Permit TD @ 13,000' MD

Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
UWF02E-04 TGT	0.00	0.00	7,260.0	638.4	-1,237.6	1,671,935.85	2,248,449.17	39° 38' 52.58 N	108° 10' 9.63 W
- hit/miss target									
- plan hits target center									
- Point									
UWF02E-04 PBHL	0.00	0.00	10,857.0	628.4	-1,254.6	1,671,926.34	2,248,431.84	39° 38' 52.48 N	108° 10' 9.85 W
- plan hits target center									
- Rectangle (sides W30.0 H50.0 D0.0)									

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well UWF02E-04 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:	UWF02E-04 H04 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	DD		
Design:	Plan #1		

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,101.5	1,092.0	A GROOVE			
1,264.2	1,251.0	B GROOVE			
1,305.1	1,291.0	B GROOVE BASE			
2,151.2	2,118.0	GARDEN GULCH			
3,214.2	3,157.0	WASATCH FM			
5,350.4	5,245.0	WASATCH G			
7,405.7	7,260.0	WILLIAMS FORK			
11,002.8	10,857.0	ROLLINS			
11,229.8	11,084.0	COZZETTE			
11,400.8	11,255.0	CORCORAN			
11,696.8	11,551.0	UPPER SEGO			

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
400.0	400.0	0.0	0.0	KOP @ 400'
824.0	820.7	14.8	-42.8	EOB @ Inc. = 12.2°
6,999.1	6,856.5	618.4	-1,199.4	Start 3° Drop
7,405.7	7,260.0	638.4	-1,237.6	EOD @ Inc. = 0°
11,002.8	10,857.0	628.4	-1,254.6	TD @ 11,002.8' MD
13,000.0	12,854.2	621.0	-1,267.3	Permit TD @ 13,000' MD