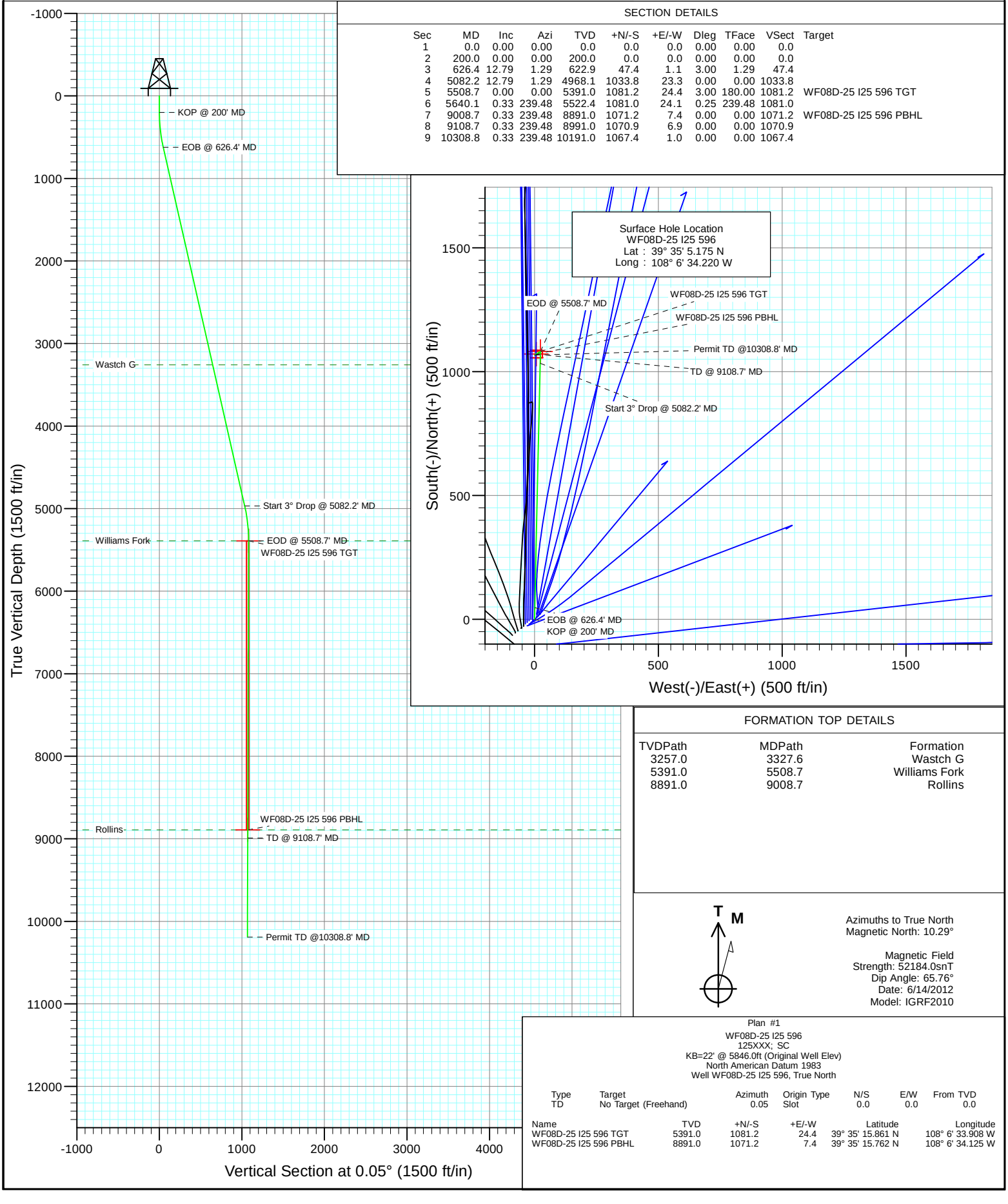
encana natural gas

Project: North Piceance
Site: I25 596
Well: WF08D-25 I25 596
Wellbore: OH
Design: Plan #1

CATHEDRAL

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	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	626.4	12.79	1.29	622.9	47.4	1.1	3.00	1.29	47.4	
4	5082.2	12.79	1.29	4968.1	1033.8	23.3	0.00	0.00	1033.8	
5	5508.7	0.00	0.00	5391.0	1081.2	24.4	3.00	180.00	1081.2	WF08D-25 I25 596 TGT
6	5640.1	0.33	239.48	5522.4	1081.0	24.1	0.25	239.48	1081.0	
7	9008.7	0.33	239.48	8891.0	1071.2	7.4	0.00	0.00	1071.2	WF08D-25 I25 596 PBHL
8	9108.7	0.33	239.48	8991.0	1070.9	6.9	0.00	0.00	1070.9	
9	10308.8	0.33	239.48	10191.0	1067.4	1.0	0.00	0.00	1067.4	



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3257.0	3327.6	Wastch G
5391.0	5508.7	Williams Fork
8891.0	9008.7	Rollins

Azimuths to True North
Magnetic North: 10.29°

Magnetic Field
Strength: 52184.0snT
Dip Angle: 65.76°
Date: 6/14/2012
Model: IGRF2010

Plan #1
WF08D-25 I25 596
125XXX; SC
KB=22' @ 5846.0ft (Original Well Elev)
North American Datum 1983
Well WF08D-25 I25 596, True North

Type	Target	Azimuth	Origin Type	N/S	E/W	From TVD
TD	No Target (Freehand)	0.05	Slot	0.0	0.0	0.0

Name	TVD	+N/-S	+E/-W	Latitude	Longitude
WF08D-25 I25 596 TGT	5391.0	1081.2	24.4	39° 35' 15.861 N	108° 6' 33.908 W
WF08D-25 I25 596 PBHL	8891.0	1071.2	7.4	39° 35' 15.762 N	108° 6' 34.125 W

Planning Report

Database:	USA EDM 5000 Multi Users DB	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Company:	EnCana Oil & Gas (USA) Inc	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Project:	North Piceance	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site:	I25 596	**North Reference:**	True
Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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	I25 596				
Site Position:		**Northing:**	1,648,435.29 ft	**Latitude:**	39.5847371
From:	Lat/Long	**Easting:**	2,264,601.34 ft	**Longitude:**	-108.1096087
Position Uncertainty:	0.0 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	-1.65 °

Well	WF08D-25 I25 596					
Well Position	**+N/-S**	0.0 ft	**Northing:**	1,648,446.79 ft	**Latitude:**	39.5847710
	+E/-W	0.0 ft	**Easting:**	2,264,630.77 ft	**Longitude:**	-108.1095055
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,824.0 ft

Wellbore	OH				
Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	6/14/2012	10.29	65.76	52,184

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	0.05	

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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
626.4	12.79	1.29	622.9	47.4	1.1	3.00	3.00	0.00	1.29	
5,082.2	12.79	1.29	4,968.1	1,033.8	23.3	0.00	0.00	0.00	0.00	
5,508.7	0.00	0.00	5,391.0	1,081.2	24.4	3.00	-3.00	0.00	180.00	WF08D-25 I25 596 T(
5,640.1	0.33	239.48	5,522.4	1,081.0	24.1	0.25	0.25	-91.73	239.48	
9,008.7	0.33	239.48	8,891.0	1,071.2	7.4	0.00	0.00	0.00	0.00	WF08D-25 I25 596 PI
9,108.7	0.33	239.48	8,991.0	1,070.9	6.9	0.00	0.00	0.00	0.00	
10,308.8	0.33	239.48	10,191.0	1,067.4	1.0	0.00	0.00	0.00	0.00	

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Project:	North Piceance	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site:	I25 596	**North Reference:**	True
Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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	KOP @ 200' MD
300.0	3.00	1.29	300.0	2.6	0.1	2.6	3.00	3.00	
400.0	6.00	1.29	399.6	10.5	0.2	10.5	3.00	3.00	
500.0	9.00	1.29	498.8	23.5	0.5	23.5	3.00	3.00	
600.0	12.00	1.29	597.1	41.7	0.9	41.7	3.00	3.00	
626.4	12.79	1.29	622.9	47.4	1.1	47.4	3.00	3.00	EOB @ 626.4' MD
700.0	12.79	1.29	694.6	63.7	1.4	63.7	0.00	0.00	
800.0	12.79	1.29	792.2	85.8	1.9	85.8	0.00	0.00	
900.0	12.79	1.29	889.7	108.0	2.4	108.0	0.00	0.00	
1,000.0	12.79	1.29	987.2	130.1	2.9	130.1	0.00	0.00	
1,100.0	12.79	1.29	1,084.7	152.2	3.4	152.2	0.00	0.00	
1,200.0	12.79	1.29	1,182.2	174.4	3.9	174.4	0.00	0.00	
1,300.0	12.79	1.29	1,279.7	196.5	4.4	196.5	0.00	0.00	
1,400.0	12.79	1.29	1,377.3	218.6	4.9	218.7	0.00	0.00	
1,500.0	12.79	1.29	1,474.8	240.8	5.4	240.8	0.00	0.00	
1,600.0	12.79	1.29	1,572.3	262.9	5.9	262.9	0.00	0.00	
1,700.0	12.79	1.29	1,669.8	285.1	6.4	285.1	0.00	0.00	
1,800.0	12.79	1.29	1,767.3	307.2	6.9	307.2	0.00	0.00	
1,900.0	12.79	1.29	1,864.9	329.3	7.4	329.3	0.00	0.00	
2,000.0	12.79	1.29	1,962.4	351.5	7.9	351.5	0.00	0.00	
2,100.0	12.79	1.29	2,059.9	373.6	8.4	373.6	0.00	0.00	
2,200.0	12.79	1.29	2,157.4	395.7	8.9	395.8	0.00	0.00	
2,300.0	12.79	1.29	2,254.9	417.9	9.4	417.9	0.00	0.00	
2,400.0	12.79	1.29	2,352.4	440.0	9.9	440.0	0.00	0.00	
2,500.0	12.79	1.29	2,450.0	462.2	10.4	462.2	0.00	0.00	
2,600.0	12.79	1.29	2,547.5	484.3	10.9	484.3	0.00	0.00	
2,700.0	12.79	1.29	2,645.0	506.4	11.4	506.4	0.00	0.00	
2,800.0	12.79	1.29	2,742.5	528.6	11.9	528.6	0.00	0.00	
2,900.0	12.79	1.29	2,840.0	550.7	12.4	550.7	0.00	0.00	
3,000.0	12.79	1.29	2,937.5	572.8	12.9	572.9	0.00	0.00	
3,100.0	12.79	1.29	3,035.1	595.0	13.4	595.0	0.00	0.00	
3,200.0	12.79	1.29	3,132.6	617.1	13.9	617.1	0.00	0.00	
3,300.0	12.79	1.29	3,230.1	639.3	14.4	639.3	0.00	0.00	
3,327.6	12.79	1.29	3,257.0	645.4	14.6	645.4	0.00	0.00	Wastch G
3,400.0	12.79	1.29	3,327.6	661.4	14.9	661.4	0.00	0.00	
3,500.0	12.79	1.29	3,425.1	683.5	15.4	683.5	0.00	0.00	
3,600.0	12.79	1.29	3,522.6	705.7	15.9	705.7	0.00	0.00	
3,700.0	12.79	1.29	3,620.2	727.8	16.4	727.8	0.00	0.00	
3,800.0	12.79	1.29	3,717.7	749.9	16.9	750.0	0.00	0.00	
3,900.0	12.79	1.29	3,815.2	772.1	17.4	772.1	0.00	0.00	
4,000.0	12.79	1.29	3,912.7	794.2	17.9	794.2	0.00	0.00	
4,100.0	12.79	1.29	4,010.2	816.4	18.4	816.4	0.00	0.00	
4,200.0	12.79	1.29	4,107.8	838.5	18.9	838.5	0.00	0.00	
4,300.0	12.79	1.29	4,205.3	860.6	19.4	860.7	0.00	0.00	
4,400.0	12.79	1.29	4,302.8	882.8	19.9	882.8	0.00	0.00	
4,500.0	12.79	1.29	4,400.3	904.9	20.4	904.9	0.00	0.00	
4,600.0	12.79	1.29	4,497.8	927.0	20.9	927.1	0.00	0.00	
4,700.0	12.79	1.29	4,595.3	949.2	21.4	949.2	0.00	0.00	
4,800.0	12.79	1.29	4,692.9	971.3	21.9	971.3	0.00	0.00	
4,900.0	12.79	1.29	4,790.4	993.5	22.4	993.5	0.00	0.00	

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Project:	North Piceance	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site:	I25 596	**North Reference:**	True
Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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
5,000.0	12.79	1.29	4,887.9	1,015.6	22.9	1,015.6	0.00	0.00	
5,082.2	12.79	1.29	4,968.1	1,033.8	23.3	1,033.8	0.00	0.00	Start 3° Drop @ 5082.2' MD
5,100.0	12.26	1.29	4,985.4	1,037.7	23.4	1,037.7	3.00	-3.00	
5,200.0	9.26	1.29	5,083.7	1,056.3	23.8	1,056.3	3.00	-3.00	
5,300.0	6.26	1.29	5,182.7	1,069.8	24.1	1,069.8	3.00	-3.00	
5,400.0	3.26	1.29	5,282.4	1,078.1	24.3	1,078.1	3.00	-3.00	
5,500.0	0.26	1.29	5,382.3	1,081.2	24.4	1,081.2	3.00	-3.00	
5,508.7	0.00	0.00	5,391.0	1,081.2	24.4	1,081.2	3.00	-3.00	EOD @ 5508.7' MD - Williams Fork
5,600.0	0.23	239.48	5,482.3	1,081.1	24.2	1,081.1	0.25	0.25	
5,640.1	0.33	239.48	5,522.4	1,081.0	24.1	1,081.0	0.25	0.25	
5,700.0	0.33	239.48	5,582.3	1,080.8	23.8	1,080.9	0.00	0.00	
5,800.0	0.33	239.48	5,682.3	1,080.5	23.3	1,080.6	0.00	0.00	
5,900.0	0.33	239.48	5,782.3	1,080.3	22.8	1,080.3	0.00	0.00	
6,000.0	0.33	239.48	5,882.3	1,080.0	22.3	1,080.0	0.00	0.00	
6,100.0	0.33	239.48	5,982.3	1,079.7	21.8	1,079.7	0.00	0.00	
6,200.0	0.33	239.48	6,082.3	1,079.4	21.3	1,079.4	0.00	0.00	
6,300.0	0.33	239.48	6,182.3	1,079.1	20.8	1,079.1	0.00	0.00	
6,400.0	0.33	239.48	6,282.3	1,078.8	20.3	1,078.8	0.00	0.00	
6,500.0	0.33	239.48	6,382.3	1,078.5	19.8	1,078.5	0.00	0.00	
6,600.0	0.33	239.48	6,482.3	1,078.2	19.3	1,078.2	0.00	0.00	
6,700.0	0.33	239.48	6,582.3	1,077.9	18.8	1,077.9	0.00	0.00	
6,800.0	0.33	239.48	6,682.3	1,077.6	18.3	1,077.6	0.00	0.00	
6,900.0	0.33	239.48	6,782.3	1,077.3	17.9	1,077.4	0.00	0.00	
7,000.0	0.33	239.48	6,882.3	1,077.0	17.4	1,077.1	0.00	0.00	
7,100.0	0.33	239.48	6,982.3	1,076.8	16.9	1,076.8	0.00	0.00	
7,200.0	0.33	239.48	7,082.3	1,076.5	16.4	1,076.5	0.00	0.00	
7,300.0	0.33	239.48	7,182.3	1,076.2	15.9	1,076.2	0.00	0.00	
7,400.0	0.33	239.48	7,282.3	1,075.9	15.4	1,075.9	0.00	0.00	
7,500.0	0.33	239.48	7,382.3	1,075.6	14.9	1,075.6	0.00	0.00	
7,600.0	0.33	239.48	7,482.3	1,075.3	14.4	1,075.3	0.00	0.00	
7,700.0	0.33	239.48	7,582.3	1,075.0	13.9	1,075.0	0.00	0.00	
7,800.0	0.33	239.48	7,682.3	1,074.7	13.4	1,074.7	0.00	0.00	
7,900.0	0.33	239.48	7,782.3	1,074.4	12.9	1,074.4	0.00	0.00	
8,000.0	0.33	239.48	7,882.3	1,074.1	12.4	1,074.1	0.00	0.00	
8,100.0	0.33	239.48	7,982.3	1,073.8	11.9	1,073.9	0.00	0.00	
8,200.0	0.33	239.48	8,082.3	1,073.6	11.4	1,073.6	0.00	0.00	
8,300.0	0.33	239.48	8,182.3	1,073.3	10.9	1,073.3	0.00	0.00	
8,400.0	0.33	239.48	8,282.3	1,073.0	10.4	1,073.0	0.00	0.00	
8,500.0	0.33	239.48	8,382.3	1,072.7	10.0	1,072.7	0.00	0.00	
8,600.0	0.33	239.48	8,482.3	1,072.4	9.5	1,072.4	0.00	0.00	
8,700.0	0.33	239.48	8,582.3	1,072.1	9.0	1,072.1	0.00	0.00	
8,800.0	0.33	239.48	8,682.3	1,071.8	8.5	1,071.8	0.00	0.00	
8,900.0	0.33	239.48	8,782.3	1,071.5	8.0	1,071.5	0.00	0.00	
9,000.0	0.33	239.48	8,882.3	1,071.2	7.5	1,071.2	0.00	0.00	
9,008.7	0.33	239.48	8,891.0	1,071.2	7.4	1,071.2	0.00	0.00	Rollins
9,100.0	0.33	239.48	8,982.3	1,070.9	7.0	1,070.9	0.00	0.00	
9,108.7	0.33	239.48	8,991.0	1,070.9	6.9	1,070.9	0.00	0.00	TD @ 9108.7' MD
9,200.0	0.33	239.48	9,082.3	1,070.6	6.5	1,070.6	0.00	0.00	
9,300.0	0.33	239.48	9,182.3	1,070.4	6.0	1,070.4	0.00	0.00	
9,400.0	0.33	239.48	9,282.3	1,070.1	5.5	1,070.1	0.00	0.00	
9,500.0	0.33	239.48	9,382.3	1,069.8	5.0	1,069.8	0.00	0.00	
9,600.0	0.33	239.48	9,482.3	1,069.5	4.5	1,069.5	0.00	0.00	

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Site:	I25 596	**North Reference:**	True
Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	OH		
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
9,700.0	0.33	239.48	9,582.3	1,069.2	4.0	1,069.2	0.00	0.00	
9,800.0	0.33	239.48	9,682.3	1,068.9	3.5	1,068.9	0.00	0.00	
9,900.0	0.33	239.48	9,782.2	1,068.6	3.0	1,068.6	0.00	0.00	
10,000.0	0.33	239.48	9,882.2	1,068.3	2.5	1,068.3	0.00	0.00	
10,100.0	0.33	239.48	9,982.2	1,068.0	2.1	1,068.0	0.00	0.00	
10,200.0	0.33	239.48	10,082.2	1,067.7	1.6	1,067.7	0.00	0.00	
10,300.0	0.33	239.48	10,182.2	1,067.4	1.1	1,067.4	0.00	0.00	
10,308.8	0.33	239.48	10,191.0	1,067.4	1.0	1,067.4	0.00	0.00	Permit TD @10308.8' MD

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
WF08D-25 I25 596 PBH - plan hits target center - Rectangle (sides W30.0 H50.0 D0.0)	0.00	0.00	8,891.0	1,071.2	7.4	1,649,517.34	2,264,668.97	39.5877118	-108.1094791
WF08D-25 I25 596 TGT - plan hits target center - Point	0.00	0.00	5,391.0	1,081.2	24.4	1,649,526.85	2,264,686.21	39.5877392	-108.1094189

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,327.6	3,257.0	Wastch G			
5,508.7	5,391.0	Williams Fork			
9,008.7	8,891.0	Rollins			

Plan Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
200.0	200.0	0.0	0.0	KOP @ 200' MD
626.4	622.9	47.4	1.1	EOB @ 626.4' MD
5,082.2	4,968.1	1,033.8	23.3	Start 3° Drop @ 5082.2' MD
5,508.7	5,391.0	1,081.2	24.4	EOD @ 5508.7' MD
9,108.7	8,991.0	1,081.0	24.1	TD @ 9108.7' MD
10,308.8	10,191.0	1,071.2	7.4	Permit TD @10308.8' MD

EnCana Oil & Gas (USA) Inc

North Piceance
I25 596
WF08D-25 I25 596
OH
Plan #1

Anticollision Report

20 June, 2012

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Reference	Plan #1

Filter type:	GLOBAL FILTER APPLIED: All wellpaths within 200'+ 100/1000 of reference		
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 1,230.9ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 6/18/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	10,308.8	Plan #1 (OH)	MWD	Geolink MWD

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
I25 596						
WF01B-25 I25 596 - OH - Plan #1	200.0	200.0	31.6	31.0	50.853	CC
WF01B-25 I25 596 - OH - Plan #1	1,175.2	1,185.0	35.2	27.5	4.538	ES
WF01B-25 I25 596 - OH - Plan #1	1,200.0	1,209.1	35.6	27.6	4.437	SF
WF01C-25 I25 596 - OH - Plan #1	200.0	200.0	41.2	40.6	66.327	CC
WF01C-25 I25 596 - OH - Plan #1	1,300.0	1,314.4	43.3	34.4	4.830	ES, SF
WF03D-30 I25 596 - OH - Plan #1	200.0	200.0	30.0	29.4	48.278	CC, ES
WF03D-30 I25 596 - OH - Plan #1	1,100.0	1,091.3	139.9	133.4	21.485	SF
WF04B-30 I25 596 - OH - Plan #1	360.0	359.8	7.4	6.1	6.048	CC, ES
WF04B-30 I25 596 - OH - Plan #1	400.0	399.7	8.1	6.7	5.925	SF
WF04C-30 I25 596 - OH - Plan #1	410.6	409.7	16.4	15.0	11.567	CC, ES
WF04C-30 I25 596 - OH - Plan #1	900.0	897.0	43.8	38.9	8.829	SF
WF05C-30 I25 596 - OH - Plan #1	391.3	393.0	18.3	17.0	14.024	CC
WF05C-30 I25 596 - OH - Plan #1	400.0	401.7	18.4	17.0	13.701	ES
WF05C-30 I25 596 - OH - Plan #1	500.0	501.9	21.7	19.9	12.135	SF
WF05D-30 I25 596 - OH - Plan #1	380.6	383.6	38.8	37.5	30.182	CC
WF05D-30 I25 596 - OH - Plan #1	400.0	403.3	38.9	37.5	28.581	ES
WF05D-30 I25 596 - OH - Plan #1	600.0	602.4	54.0	51.6	22.887	SF
WF06D-30 I25 596 - OH - Plan #1	200.0	200.0	140.3	139.7	225.861	CC, ES
WF06D-30 I25 596 - OH - Plan #1	1,400.0	1,343.2	372.3	363.7	43.223	SF
WF08C-25 I25 596 - OH - Plan #1	917.4	919.8	8.6	3.2	1.586	CC, ES, SF
WF11A-30 I25 596 - OH - Plan #1	100.0	100.0	143.5	143.2	526.933	CC
WF11A-30 I25 596 - OH - Plan #1	200.0	200.0	143.5	142.8	230.903	ES
WF11A-30 I25 596 - OH - Plan #1	1,300.0	1,233.1	384.4	376.5	48.787	SF
WF11C-30 I25 596 - OH - Plan #1	200.0	200.0	159.6	159.0	256.898	CC, ES
WF11C-30 I25 596 - OH - Plan #1	1,500.0	1,374.7	501.9	494.5	67.794	SF
WF11D-30 I25 596 - OH - Plan #1	200.0	200.0	169.3	168.7	272.520	CC, ES
WF11D-30 I25 596 - OH - Plan #1	1,600.0	1,435.5	566.5	558.9	74.626	SF
WF11F-30 I25 596 - OH - Plan #1	200.0	200.0	162.4	161.8	261.345	CC, ES
WF11F-30 I25 596 - OH - Plan #1	1,200.0	1,108.6	401.2	395.4	68.763	SF
WF12A-30 I25 596 - OH - Plan #1	200.0	200.0	152.9	152.3	246.066	CC, ES
WF12A-30 I25 596 - OH - Plan #1	1,500.0	1,416.0	479.8	471.1	54.945	SF
WF12B-30 I25 596 - OH - Plan #1	200.0	200.0	150.0	149.3	241.342	CC, ES
WF12B-30 I25 596 - OH - Plan #1	1,700.0	1,591.1	557.8	549.0	63.122	SF
WF12C-19 I25 596 - OH - Plan #1	377.0	375.4	28.4	27.1	22.316	CC
WF12C-19 I25 596 - OH - Plan #1	400.0	398.1	28.4	27.1	20.875	ES
WF12C-19 I25 596 - OH - Plan #1	800.0	793.1	47.6	43.5	11.688	SF
WF12D-19 I25 596 - OH - Plan #1	133.6	133.6	31.6	31.2	81.162	CC, ES
WF12D-19 I25 596 - OH - Plan #1	700.0	690.6	41.7	39.3	17.127	SF
WF12D-30 I25 596 - OH - Plan #1	200.0	200.0	198.6	198.0	319.661	CC, ES
WF12D-30 I25 596 - OH - Plan #1	1,000.0	922.9	382.9	379.2	103.588	SF
WF13A-30 I25 596 - OH - Plan #1	200.0	200.0	208.4	207.8	335.444	CC, ES
WF13A-30 I25 596 - OH - Plan #1	1,000.0	904.8	405.0	401.3	111.240	SF
WF13B-30 I25 596 - OH - Plan #1	200.0	200.0	188.8	188.2	303.904	CC, ES
WF13B-30 I25 596 - OH - Plan #1	900.0	838.9	326.5	323.2	98.561	SF
WF13C-30 I25 596 - OH - Plan #1	200.0	200.0	179.1	178.4	288.190	CC, ES
WF13C-30 I25 596 - OH - Plan #1	900.0	846.1	311.1	307.8	94.220	SF
WF13D-19 I25 596 - OH - Plan #1	200.0	200.0	22.4	21.7	35.975	CC
WF13D-19 I25 596 - OH - Plan #1	400.0	397.7	22.7	21.4	17.138	ES
WF13D-19 I25 596 - OH - Plan #1	700.0	694.2	27.4	24.6	9.740	SF
WF13D-30 I25 596 - OH - Plan #1	200.0	200.0	200.8	200.2	323.239	CC, ES
WF13D-30 I25 596 - OH - Plan #1	900.0	814.2	368.0	364.6	108.189	SF
WF13E-30 I25 596 - OH - Plan #1	200.0	200.0	210.5	209.9	338.855	CC, ES
WF13E-30 I25 596 - OH - Plan #1	900.0	800.0	390.2	386.9	117.030	SF

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Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Summary

Site Name Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
I25 596						
WF14A-30 I25 596 - OH - Plan #1	200.0	200.0	171.9	171.3	276.711	CC, ES
WF14A-30 I25 596 - OH - Plan #1	1,300.0	1,183.8	452.3	446.2	73.976	SF
WF14D-30 I25 596 - OH - Plan #1	200.0	200.0	191.2	190.5	307.671	CC, ES
WF14D-30 I25 596 - OH - Plan #1	1,100.0	1,000.0	416.1	411.5	89.840	SF
WF15C-30 I25 596 - OH - Plan #1	200.0	200.0	181.5	180.9	292.161	CC, ES
WF15C-30 I25 596 - OH - Plan #1	1,200.0	1,088.8	436.7	431.5	82.776	SF
WF16C-24 I25 596 - OH - Plan #1	133.3	133.3	14.1	13.7	36.378	CC, ES
WF16C-24 I25 596 - OH - Plan #1	700.0	693.9	28.5	26.2	12.131	SF
WF16D-24 I25 596 - OH - Plan #1	200.0	200.0	10.0	9.4	16.099	CC
WF16D-24 I25 596 - OH - Plan #1	600.0	598.4	10.9	8.4	4.489	ES
WF16D-24 I25 596 - OH - Plan #1	700.0	698.0	12.3	9.3	4.070	SF
WF16E-24 I25 596 - OH - Plan #1	242.7	242.7	14.1	13.4	18.261	CC
WF16E-24 I25 596 - OH - Plan #1	857.5	858.9	17.4	12.6	3.603	ES
WF16E-24 I25 596 - OH - Plan #1	900.0	901.1	17.9	12.7	3.443	SF
WF16F-24 I25 596 - OH - Plan #1	200.0	200.0	22.4	21.7	35.996	CC
WF16F-24 I25 596 - OH - Plan #1	1,038.4	1,043.8	26.3	19.8	4.045	ES, SF
I25 596 (undrilled plans are OLD-Do Not Use)						
N. Parachute WF01D I 25 596 - DD - DD	1,739.5	1,657.4	42.9	30.3	3.400	CC, ES, SF
N. Parachute WF01D I 25 596 - DD - Plan #1	1,665.1	1,579.3	47.5	35.4	3.924	CC, ES
N. Parachute WF01D I 25 596 - DD - Plan #1	1,700.0	1,613.0	48.2	35.8	3.888	SF
N. Parachute WF01D I 25 596 - DD Stk - DD Stk	1,741.1	1,751.2	42.8	30.1	3.373	CC, ES, SF
N. Parachute WF02D I 25 596 - DD - DD	231.2	220.1	93.9	93.2	129.727	CC, ES
N. Parachute WF02D I 25 596 - DD - DD	1,200.0	1,172.0	196.0	187.7	23.602	SF
N. Parachute WF02D I 25 596 - DD - Plan #1	200.0	96.0	95.4	94.9	199.525	CC, ES
N. Parachute WF02D I 25 596 - DD - Plan #1	1,400.0	1,280.3	219.7	209.7	21.993	SF
N. Parachute WF07B I 25 596 - DD - DD	100.0	87.9	109.8	109.6	394.749	CC
N. Parachute WF07B I 25 596 - DD - DD	200.0	187.7	110.0	109.4	179.177	ES
N. Parachute WF07B I 25 596 - DD - DD	1,300.0	1,229.0	303.9	295.4	35.576	SF
N. Parachute WF07B I 25 596 - DD - Plan #2	200.0	95.0	109.8	109.3	230.375	CC, ES
N. Parachute WF07B I 25 596 - DD - Plan #2	1,500.0	1,319.7	355.0	344.8	34.807	SF
N. Parachute WF07D I 25 596 - DD - DD	100.0	88.0	130.8	130.5	478.437	CC
N. Parachute WF07D I 25 596 - DD - DD	200.0	187.9	130.8	130.2	214.199	ES
N. Parachute WF07D I 25 596 - DD - DD	2,800.0	2,709.6	639.6	618.6	30.482	SF
N. Parachute WF08B I 25 596 - DD - DD	100.0	87.9	80.4	80.1	297.190	CC
N. Parachute WF08B I 25 596 - DD - DD	200.0	188.0	80.5	79.9	131.764	ES
N. Parachute WF08B I 25 596 - DD - DD	1,700.0	1,688.4	182.0	169.7	14.736	SF
N. Parachute WF08B I 25 596 - DD - Plan #1	200.0	94.0	80.4	79.9	169.269	CC, ES
N. Parachute WF08B I 25 596 - DD - Plan #1	1,800.0	1,691.5	217.8	204.6	16.465	SF
N. Parachute WF08D I 25 596 - DD - DD	220.3	208.7	64.9	64.3	94.965	CC, ES
N. Parachute WF08D I 25 596 - DD - DD	4,500.0	4,518.0	111.8	94.2	6.355	SF
N. Parachute WF08D I 25 596 - DD - Plan #1	200.0	96.0	65.7	65.2	137.303	CC, ES
N. Parachute WF08D I 25 596 - DD - Plan #1	10,308.8	10,282.5	244.0	206.4	6.494	SF

Anticollision Report

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF01B-25 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-112.99	-12.3	-29.1	31.6				
100.0	100.0	100.0	100.0	0.1	0.1	-112.99	-12.3	-29.1	31.6	31.3	0.27	116.049	
200.0	200.0	200.0	200.0	0.3	0.3	-112.99	-12.3	-29.1	31.6	31.0	0.62	50.853	CC
300.0	300.0	300.0	300.0	0.5	0.5	-118.43	-12.3	-29.1	32.8	31.8	0.98	33.540	
400.0	399.6	400.2	400.2	0.7	0.7	-128.26	-11.7	-29.1	36.8	35.4	1.35	27.169	
500.0	498.8	501.3	501.1	1.0	0.9	-136.45	-6.4	-29.2	42.2	40.4	1.76	24.029	
600.0	597.1	602.7	602.0	1.4	1.1	-142.45	4.4	-29.3	48.3	46.1	2.19	22.111	
700.0	694.6	704.7	702.7	1.8	1.4	-146.09	20.5	-29.5	53.7	51.1	2.64	20.346	
800.0	792.2	807.1	802.7	2.2	1.8	-146.08	42.1	-29.8	55.0	51.9	3.17	17.369	
900.0	889.7	909.3	901.3	2.6	2.3	-142.54	69.0	-30.1	52.1	48.3	3.85	13.528	
1,000.0	987.2	1,010.7	997.6	3.0	2.8	-133.95	100.8	-30.5	45.7	40.8	4.87	9.386	
1,100.0	1,084.7	1,110.8	1,090.9	3.4	3.5	-116.22	137.2	-31.0	38.1	31.6	6.46	5.896	
1,175.2	1,158.1	1,185.0	1,158.6	3.7	4.0	-94.03	167.3	-31.4	35.2	27.5	7.76	4.538	ES
1,200.0	1,182.2	1,209.1	1,180.4	3.8	4.2	-85.49	177.6	-31.5	35.6	27.6	8.03	4.437	SF
1,300.0	1,279.7	1,305.1	1,265.8	4.2	5.0	-54.23	221.5	-32.0	46.4	38.5	7.89	5.882	
1,400.0	1,377.3	1,398.5	1,346.6	4.7	5.9	-35.44	268.3	-32.6	69.4	62.2	7.15	9.703	
1,500.0	1,474.8	1,488.9	1,422.6	5.1	6.7	-25.36	317.2	-33.3	100.4	93.6	6.77	14.828	
1,600.0	1,572.3	1,576.0	1,493.5	5.5	7.6	-19.55	367.8	-33.9	137.1	130.4	6.67	20.548	
1,700.0	1,669.8	1,665.7	1,564.8	5.9	8.6	-15.79	422.1	-34.6	177.4	170.7	6.73	26.348	
1,800.0	1,767.3	1,756.6	1,637.2	6.4	9.6	-13.37	477.3	-35.3	218.3	211.4	6.91	31.610	
1,900.0	1,864.9	1,847.6	1,709.5	6.8	10.5	-11.71	532.4	-36.0	259.4	252.3	7.14	36.350	
2,000.0	1,962.4	1,938.5	1,781.8	7.2	11.5	-10.51	587.6	-36.7	300.6	293.2	7.40	40.633	
2,100.0	2,059.9	2,029.5	1,854.1	7.6	12.5	-9.59	642.8	-37.4	341.9	334.3	7.68	44.519	
2,200.0	2,157.4	2,120.4	1,926.4	8.0	13.4	-8.87	698.0	-38.1	383.3	375.3	7.98	48.059	
2,300.0	2,254.9	2,211.4	1,998.7	8.5	14.4	-8.29	753.1	-38.8	424.7	416.4	8.28	51.298	
2,400.0	2,352.4	2,302.3	2,071.0	8.9	15.4	-7.82	808.3	-39.5	466.1	457.5	8.59	54.272	
2,500.0	2,450.0	2,393.2	2,143.3	9.3	16.3	-7.42	863.5	-40.2	507.6	498.7	8.90	57.013	
2,600.0	2,547.5	2,484.2	2,215.6	9.7	17.3	-7.08	918.6	-40.9	549.1	539.9	9.22	59.547	
2,700.0	2,645.0	2,575.1	2,287.9	10.2	18.3	-6.79	973.8	-41.6	590.6	581.0	9.54	61.897	
2,800.0	2,742.5	2,666.1	2,360.2	10.6	19.3	-6.54	1,029.0	-42.3	632.1	622.2	9.86	64.083	
2,900.0	2,840.0	2,757.0	2,432.5	11.0	20.2	-6.32	1,084.1	-43.0	673.6	663.4	10.19	66.120	
3,000.0	2,937.5	2,848.0	2,504.8	11.4	21.2	-6.12	1,139.3	-43.7	715.1	704.6	10.51	68.025	
3,100.0	3,035.1	2,938.9	2,577.1	11.9	22.2	-5.95	1,194.5	-44.4	756.6	745.8	10.84	69.809	
3,200.0	3,132.6	3,029.9	2,649.4	12.3	23.1	-5.79	1,249.6	-45.1	798.1	787.0	11.17	71.484	
3,300.0	3,230.1	3,120.8	2,721.7	12.7	24.1	-5.65	1,304.8	-45.8	839.7	828.2	11.49	73.059	
3,400.0	3,327.6	3,211.8	2,794.0	13.1	25.1	-5.52	1,360.0	-46.5	881.2	869.4	11.82	74.544	
3,500.0	3,425.1	3,302.7	2,866.3	13.6	26.1	-5.41	1,415.1	-47.2	922.7	910.6	12.15	75.945	
3,600.0	3,522.6	3,393.7	2,938.6	14.0	27.0	-5.30	1,470.3	-47.9	964.3	951.8	12.48	77.270	
3,700.0	3,620.2	3,484.6	3,010.9	14.4	28.0	-5.20	1,525.5	-48.6	1,005.8	993.0	12.81	78.525	
3,800.0	3,717.7	3,575.6	3,083.2	14.8	29.0	-5.11	1,580.6	-49.3	1,047.4	1,034.2	13.14	79.715	
3,900.0	3,815.2	3,666.5	3,155.5	15.2	30.0	-5.03	1,635.8	-50.0	1,088.9	1,075.4	13.47	80.845	
4,000.0	3,912.7	3,757.5	3,227.8	15.7	30.9	-4.95	1,691.0	-50.7	1,130.5	1,116.7	13.80	81.919	
4,100.0	4,010.2	3,848.4	3,300.1	16.1	31.9	-4.88	1,746.1	-51.4	1,172.0	1,157.9	14.13	82.943	
4,200.0	4,107.8	3,939.4	3,372.4	16.5	32.9	-4.82	1,801.3	-52.1	1,213.6	1,199.1	14.46	83.918	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF01C-25 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-117.41	-19.0	-36.6	41.2				
100.0	100.0	100.0	100.0	0.1	0.1	-117.41	-19.0	-36.6	41.2	40.9	0.27	151.362	
200.0	200.0	200.0	200.0	0.3	0.3	-117.41	-19.0	-36.6	41.2	40.6	0.62	66.327	CC
300.0	300.0	300.0	300.0	0.5	0.5	-121.77	-19.0	-36.6	42.5	41.6	0.98	43.564	
400.0	399.6	399.6	399.6	0.7	0.7	-129.78	-19.0	-36.6	47.1	45.8	1.35	34.916	
500.0	498.8	500.9	500.9	1.0	0.8	-138.16	-16.3	-36.6	54.5	52.7	1.74	31.253	
600.0	597.1	602.7	602.4	1.4	1.1	-144.28	-8.2	-36.7	62.8	60.6	2.16	29.107	
700.0	694.6	705.3	704.0	1.8	1.3	-148.27	5.4	-36.8	70.4	67.8	2.59	27.222	
800.0	792.2	808.5	805.4	2.2	1.7	-149.38	24.5	-37.1	73.8	70.8	3.06	24.136	
900.0	889.7	911.8	905.7	2.6	2.1	-148.10	49.2	-37.3	72.7	69.1	3.62	20.104	
1,000.0	987.2	1,014.6	1,004.1	3.0	2.6	-144.06	79.1	-37.6	67.3	63.0	4.35	15.482	
1,100.0	1,084.7	1,116.3	1,099.7	3.4	3.3	-135.78	113.8	-38.0	58.5	53.0	5.43	10.772	
1,200.0	1,182.2	1,216.4	1,191.8	3.8	4.0	-119.82	152.9	-38.4	48.5	41.4	7.11	6.819	
1,296.1	1,276.0	1,310.7	1,276.6	4.2	4.7	-93.50	194.1	-38.9	43.3	34.4	8.92	4.858	
1,300.0	1,279.7	1,314.4	1,279.9	4.2	4.7	-92.25	195.8	-38.9	43.3	34.4	8.97	4.830	ES, SF
1,400.0	1,377.3	1,409.8	1,363.4	4.7	5.6	-61.17	241.8	-39.4	51.9	42.7	9.18	5.651	
1,500.0	1,474.8	1,502.5	1,442.3	5.1	6.4	-40.37	290.5	-39.9	74.7	66.4	8.32	8.977	
1,600.0	1,572.3	1,596.4	1,521.1	5.5	7.3	-29.00	341.5	-40.5	104.6	96.9	7.74	13.512	
1,700.0	1,669.8	1,690.3	1,600.0	5.9	8.2	-22.71	392.5	-41.0	136.7	129.1	7.55	18.102	
1,800.0	1,767.3	1,784.2	1,678.8	6.4	9.1	-18.81	443.5	-41.6	169.6	162.1	7.56	22.425	
1,900.0	1,864.9	1,878.1	1,757.6	6.8	10.0	-16.17	494.5	-42.1	203.1	195.4	7.69	26.399	
2,000.0	1,962.4	1,972.0	1,836.4	7.2	10.9	-14.28	545.5	-42.7	236.8	228.9	7.89	30.028	
2,100.0	2,059.9	2,065.9	1,915.3	7.6	11.8	-12.86	596.5	-43.2	270.7	262.6	8.12	33.338	
2,200.0	2,157.4	2,159.8	1,994.1	8.0	12.7	-11.76	647.5	-43.8	304.7	296.3	8.38	36.362	
2,300.0	2,254.9	2,253.7	2,072.9	8.5	13.6	-10.87	698.5	-44.3	338.8	330.1	8.66	39.132	
2,400.0	2,352.4	2,347.6	2,151.8	8.9	14.5	-10.15	749.6	-44.9	372.9	364.0	8.95	41.677	
2,500.0	2,450.0	2,441.5	2,230.6	9.3	15.4	-9.55	800.6	-45.4	407.1	397.9	9.25	44.022	
2,600.0	2,547.5	2,535.4	2,309.4	9.7	16.3	-9.04	851.6	-46.0	441.4	431.8	9.56	46.190	
2,700.0	2,645.0	2,629.3	2,388.3	10.2	17.2	-8.61	902.6	-46.5	475.6	465.7	9.87	48.199	
2,800.0	2,742.5	2,723.1	2,467.1	10.6	18.1	-8.23	953.6	-47.1	509.9	499.7	10.18	50.067	
2,900.0	2,840.0	2,817.0	2,545.9	11.0	19.0	-7.90	1,004.6	-47.6	544.2	533.7	10.50	51.807	
3,000.0	2,937.5	2,910.9	2,624.7	11.4	19.9	-7.61	1,055.6	-48.2	578.5	567.6	10.83	53.432	
3,100.0	3,035.1	3,004.8	2,703.6	11.9	20.8	-7.36	1,106.6	-48.7	612.8	601.6	11.15	54.954	
3,200.0	3,132.6	3,098.7	2,782.4	12.3	21.7	-7.13	1,157.6	-49.3	647.1	635.6	11.48	56.381	
3,300.0	3,230.1	3,192.6	2,861.2	12.7	22.6	-6.92	1,208.6	-49.8	681.4	669.6	11.81	57.722	
3,400.0	3,327.6	3,286.5	2,940.1	13.1	23.5	-6.73	1,259.6	-50.4	715.8	703.6	12.13	58.985	
3,500.0	3,425.1	3,380.4	3,018.9	13.6	24.4	-6.56	1,310.6	-50.9	750.1	737.7	12.47	60.177	
3,600.0	3,522.6	3,474.3	3,097.7	14.0	25.3	-6.41	1,361.6	-51.5	784.5	771.7	12.80	61.303	
3,700.0	3,620.2	3,568.2	3,176.6	14.4	26.2	-6.26	1,412.7	-52.0	818.8	805.7	13.13	62.368	
3,800.0	3,717.7	3,662.1	3,255.4	14.8	27.1	-6.13	1,463.7	-52.6	853.2	839.7	13.46	63.378	
3,900.0	3,815.2	3,756.0	3,334.2	15.2	28.0	-6.01	1,514.7	-53.1	887.6	873.8	13.80	64.336	
4,000.0	3,912.7	3,849.9	3,413.0	15.7	28.9	-5.90	1,565.7	-53.7	921.9	907.8	14.13	65.247	
4,100.0	4,010.2	3,943.8	3,491.9	16.1	29.8	-5.80	1,616.7	-54.2	956.3	941.8	14.46	66.113	
4,200.0	4,107.8	4,037.7	3,570.7	16.5	30.7	-5.70	1,667.7	-54.8	990.7	975.9	14.80	66.939	
4,300.0	4,205.3	4,131.6	3,649.5	16.9	31.6	-5.61	1,718.7	-55.3	1,025.0	1,009.9	15.13	67.727	
4,400.0	4,302.8	4,225.5	3,728.4	17.4	32.5	-5.53	1,769.7	-55.9	1,059.4	1,043.9	15.47	68.479	
4,500.0	4,400.3	4,319.4	3,807.2	17.8	33.4	-5.45	1,820.7	-56.4	1,093.8	1,078.0	15.81	69.197	
4,600.0	4,497.8	4,413.3	3,886.0	18.2	34.3	-5.37	1,871.7	-57.0	1,128.2	1,112.0	16.14	69.885	
4,700.0	4,595.3	4,507.1	3,964.9	18.6	35.2	-5.30	1,922.7	-57.5	1,162.6	1,146.1	16.48	70.544	
4,800.0	4,692.9	4,601.0	4,043.7	19.1	36.1	-5.24	1,973.7	-58.1	1,196.9	1,180.1	16.82	71.175	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF03D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-131.43	-19.8	-22.5	30.0				
100.0	100.0	100.0	100.0	0.1	0.1	-131.43	-19.8	-22.5	30.0	29.7	0.27	110.172	
200.0	200.0	200.0	200.0	0.3	0.3	-131.43	-19.8	-22.5	30.0	29.4	0.62	48.278	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-136.14	-19.8	-22.5	31.8	30.9	0.97	32.679	
400.0	399.6	401.4	401.3	0.7	0.7	-146.15	-18.5	-20.2	35.5	34.1	1.34	26.504	
500.0	498.8	502.4	502.1	1.0	0.9	-161.43	-14.5	-13.2	40.5	38.8	1.70	23.817	
600.0	597.1	602.7	601.4	1.4	1.2	-178.17	-7.9	-1.8	49.9	47.8	2.10	23.691	
700.0	694.6	701.9	699.0	1.8	1.5	167.22	1.2	14.0	63.9	61.2	2.67	23.958	
800.0	792.2	800.2	794.5	2.2	1.9	154.69	12.7	33.9	79.8	76.4	3.44	23.239	
900.0	889.7	898.7	889.0	2.6	2.5	143.59	27.3	57.6	97.7	93.3	4.38	22.304	
1,000.0	987.2	995.9	980.7	3.0	3.1	133.73	45.4	84.0	117.5	112.0	5.43	21.641	
1,100.0	1,084.7	1,091.3	1,069.2	3.4	3.7	124.89	66.5	112.9	139.9	133.4	6.51	21.485	SF
1,200.0	1,182.2	1,184.6	1,153.8	3.8	4.5	117.05	90.5	143.9	165.6	158.1	7.58	21.854	
1,300.0	1,279.7	1,275.4	1,234.3	4.2	5.3	110.16	116.8	176.5	195.0	186.4	8.60	22.689	
1,400.0	1,377.3	1,366.4	1,313.5	4.7	6.1	104.24	145.4	211.1	227.9	218.4	9.52	23.928	
1,500.0	1,474.8	1,458.3	1,393.4	5.1	7.0	99.69	174.5	246.1	262.6	252.2	10.39	25.260	
1,600.0	1,572.3	1,550.3	1,473.3	5.5	7.8	96.18	203.5	281.1	298.4	287.2	11.23	26.577	
1,700.0	1,669.8	1,642.2	1,553.2	5.9	8.7	93.42	232.6	316.1	335.0	323.0	12.04	27.827	
1,800.0	1,767.3	1,734.1	1,633.1	6.4	9.5	91.19	261.6	351.1	372.2	359.4	12.84	28.995	
1,900.0	1,864.9	1,826.1	1,713.0	6.8	10.4	89.36	290.6	386.1	409.8	396.2	13.63	30.074	
2,000.0	1,962.4	1,918.0	1,792.9	7.2	11.2	87.84	319.7	421.1	447.7	433.3	14.41	31.069	
2,100.0	2,059.9	2,009.9	1,872.8	7.6	12.1	86.55	348.7	456.1	485.9	470.7	15.19	31.985	
2,200.0	2,157.4	2,101.9	1,952.7	8.0	12.9	85.45	377.7	491.1	524.2	508.2	15.97	32.827	
2,300.0	2,254.9	2,193.8	2,032.6	8.5	13.8	84.50	406.8	526.1	562.6	545.9	16.74	33.604	
2,400.0	2,352.4	2,285.7	2,112.5	8.9	14.7	83.67	435.8	561.1	601.2	583.7	17.52	34.321	
2,500.0	2,450.0	2,377.7	2,192.4	9.3	15.5	82.94	464.8	596.1	639.9	621.6	18.29	34.984	
2,600.0	2,547.5	2,469.6	2,272.3	9.7	16.4	82.29	493.9	631.1	678.6	659.5	19.06	35.599	
2,700.0	2,645.0	2,561.5	2,352.2	10.2	17.3	81.71	522.9	666.2	717.4	697.6	19.83	36.170	
2,800.0	2,742.5	2,653.5	2,432.1	10.6	18.1	81.19	551.9	701.2	756.3	735.7	20.61	36.701	
2,900.0	2,840.0	2,745.4	2,511.9	11.0	19.0	80.72	581.0	736.2	795.2	773.8	21.38	37.197	
3,000.0	2,937.5	2,837.3	2,591.8	11.4	19.8	80.30	610.0	771.2	834.2	812.0	22.15	37.660	
3,100.0	3,035.1	2,929.2	2,671.7	11.9	20.7	79.91	639.0	806.2	873.1	850.2	22.92	38.094	
3,200.0	3,132.6	3,021.2	2,751.6	12.3	21.6	79.56	668.1	841.2	912.2	888.5	23.69	38.501	
3,300.0	3,230.1	3,113.1	2,831.5	12.7	22.4	79.23	697.1	876.2	951.2	926.8	24.46	38.884	
3,400.0	3,327.6	3,205.0	2,911.4	13.1	23.3	78.93	726.1	911.2	990.3	965.1	25.23	39.244	
3,500.0	3,425.1	3,297.0	2,991.3	13.6	24.1	78.65	755.2	946.2	1,029.4	1,003.4	26.01	39.583	
3,600.0	3,522.6	3,388.9	3,071.2	14.0	25.0	78.40	784.2	981.2	1,068.5	1,041.7	26.78	39.904	
3,700.0	3,620.2	3,480.8	3,151.1	14.4	25.9	78.16	813.3	1,016.2	1,107.6	1,080.1	27.55	40.207	
3,800.0	3,717.7	3,572.8	3,231.0	14.8	26.7	77.94	842.3	1,051.2	1,146.8	1,118.5	28.32	40.494	
3,900.0	3,815.2	3,664.7	3,310.9	15.2	27.6	77.73	871.3	1,086.2	1,185.9	1,156.8	29.09	40.767	
4,000.0	3,912.7	3,756.6	3,390.8	15.7	28.5	77.53	900.4	1,121.2	1,225.1	1,195.2	29.86	41.026	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04B-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	48.58	6.6	7.5	10.0				
100.0	100.0	100.0	100.0	0.1	0.1	48.58	6.6	7.5	10.0	9.7	0.27	36.721	
200.0	200.0	200.0	200.0	0.3	0.3	48.58	6.6	7.5	10.0	9.4	0.62	16.091	
300.0	300.0	300.0	300.0	0.5	0.5	60.48	6.6	7.5	8.4	7.5	0.98	8.647	
360.0	359.8	359.8	359.8	0.6	0.6	89.14	6.6	7.5	7.4	6.1	1.22	6.048	CC, ES
400.0	399.6	399.7	399.7	0.7	0.7	112.07	7.2	7.7	8.1	6.7	1.37	5.925	SF
500.0	498.8	499.6	499.5	1.0	0.8	141.67	12.3	9.0	14.1	12.3	1.74	8.095	
600.0	597.1	599.9	599.2	1.4	1.1	149.77	22.4	11.6	22.2	20.0	2.14	10.372	
700.0	694.6	700.6	698.6	1.8	1.4	150.35	37.7	15.6	29.9	27.3	2.61	11.455	
800.0	792.2	801.7	797.5	2.2	1.8	144.80	58.0	21.0	34.1	30.8	3.26	10.465	
900.0	889.7	902.5	894.9	2.6	2.2	133.67	83.4	27.6	35.5	31.3	4.21	8.433	
1,000.0	987.2	1,002.6	990.0	3.0	2.8	116.14	113.4	35.5	36.6	31.1	5.54	6.619	
1,100.0	1,084.7	1,101.4	1,082.2	3.4	3.4	94.00	147.8	44.4	41.3	34.5	6.81	6.070	
1,200.0	1,182.2	1,198.4	1,170.8	3.8	4.2	73.44	186.0	54.4	53.1	45.6	7.46	7.108	
1,300.0	1,279.7	1,295.4	1,258.0	4.2	4.9	59.23	226.8	65.1	71.2	63.6	7.67	9.287	
1,400.0	1,377.3	1,392.5	1,345.4	4.7	5.6	50.96	267.9	75.9	92.0	84.2	7.87	11.689	
1,500.0	1,474.8	1,489.7	1,432.8	5.1	6.4	45.78	308.9	86.6	114.0	105.8	8.14	14.004	
1,600.0	1,572.3	1,586.8	1,520.2	5.5	7.1	42.27	349.9	97.3	136.5	128.1	8.46	16.144	
1,700.0	1,669.8	1,683.9	1,607.6	5.9	7.9	39.76	391.0	108.1	159.4	150.6	8.81	18.091	
1,800.0	1,767.3	1,781.1	1,695.0	6.4	8.6	37.89	432.0	118.8	182.6	173.4	9.20	19.853	
1,900.0	1,864.9	1,878.2	1,782.4	6.8	9.4	36.43	473.0	129.6	205.8	196.2	9.60	21.448	
2,000.0	1,962.4	1,975.3	1,869.8	7.2	10.2	35.27	514.1	140.3	229.2	219.2	10.01	22.895	
2,100.0	2,059.9	2,072.5	1,957.2	7.6	10.9	34.32	555.1	151.0	252.6	242.2	10.44	24.209	
2,200.0	2,157.4	2,169.6	2,044.5	8.0	11.7	33.54	596.1	161.8	276.1	265.3	10.87	25.409	
2,300.0	2,254.9	2,266.8	2,131.9	8.5	12.4	32.88	637.1	172.5	299.7	288.4	11.31	26.506	
2,400.0	2,352.4	2,363.9	2,219.3	8.9	13.2	32.31	678.2	183.3	323.2	311.5	11.75	27.513	
2,500.0	2,450.0	2,461.0	2,306.7	9.3	14.0	31.82	719.2	194.0	346.8	334.6	12.19	28.440	
2,600.0	2,547.5	2,558.2	2,394.1	9.7	14.7	31.40	760.2	204.7	370.4	357.8	12.64	29.296	
2,700.0	2,645.0	2,655.3	2,481.5	10.2	15.5	31.02	801.3	215.5	394.1	381.0	13.10	30.089	
2,800.0	2,742.5	2,752.4	2,568.9	10.6	16.2	30.69	842.3	226.2	417.7	404.2	13.55	30.825	
2,900.0	2,840.0	2,849.6	2,656.3	11.0	17.0	30.39	883.3	236.9	441.4	427.4	14.01	31.511	
3,000.0	2,937.5	2,946.7	2,743.7	11.4	17.8	30.13	924.4	247.7	465.0	450.6	14.46	32.150	
3,100.0	3,035.1	3,043.9	2,831.1	11.9	18.5	29.88	965.4	258.4	488.7	473.8	14.92	32.748	
3,200.0	3,132.6	3,141.0	2,918.4	12.3	19.3	29.67	1,006.4	269.2	512.4	497.0	15.38	33.308	
3,300.0	3,230.1	3,238.1	3,005.8	12.7	20.0	29.47	1,047.4	279.9	536.1	520.2	15.84	33.834	
3,400.0	3,327.6	3,335.3	3,093.2	13.1	20.8	29.28	1,088.5	290.6	559.8	543.5	16.31	34.329	
3,500.0	3,425.1	3,432.4	3,180.6	13.6	21.6	29.12	1,129.5	301.4	583.5	566.7	16.77	34.796	
3,600.0	3,522.6	3,529.5	3,268.0	14.0	22.3	28.96	1,170.5	312.1	607.2	589.9	17.23	35.236	
3,700.0	3,620.2	3,626.7	3,355.4	14.4	23.1	28.82	1,211.6	322.8	630.9	613.2	17.70	35.652	
3,800.0	3,717.7	3,723.8	3,442.8	14.8	23.9	28.68	1,252.6	333.6	654.6	636.4	18.16	36.046	
3,900.0	3,815.2	3,821.0	3,530.2	15.2	24.6	28.56	1,293.6	344.3	678.3	659.7	18.62	36.420	
4,000.0	3,912.7	3,918.1	3,617.6	15.7	25.4	28.45	1,334.7	355.1	702.0	682.9	19.09	36.775	
4,100.0	4,010.2	4,015.2	3,704.9	16.1	26.1	28.34	1,375.7	365.8	725.8	706.2	19.56	37.112	
4,200.0	4,107.8	4,112.4	3,792.3	16.5	26.9	28.24	1,416.7	376.5	749.5	729.5	20.02	37.434	
4,300.0	4,205.3	4,209.5	3,879.7	16.9	27.7	28.14	1,457.7	387.3	773.2	752.7	20.49	37.740	
4,400.0	4,302.8	4,306.6	3,967.1	17.4	28.4	28.05	1,498.8	398.0	796.9	776.0	20.95	38.032	
4,500.0	4,400.3	4,403.8	4,054.5	17.8	29.2	27.97	1,539.8	408.8	820.6	799.2	21.42	38.311	
4,600.0	4,497.8	4,500.9	4,141.9	18.2	30.0	27.89	1,580.8	419.5	844.4	822.5	21.89	38.577	
4,700.0	4,595.3	4,598.1	4,229.3	18.6	30.7	27.82	1,621.9	430.2	868.1	845.8	22.36	38.832	
4,800.0	4,692.9	4,695.2	4,316.7	19.1	31.5	27.75	1,662.9	441.0	891.8	869.0	22.82	39.077	
4,900.0	4,790.4	4,792.3	4,404.1	19.5	32.3	27.68	1,703.9	451.7	915.6	892.3	23.29	39.311	
5,000.0	4,887.9	4,889.5	4,491.5	19.9	33.0	27.62	1,744.9	462.4	939.3	915.6	23.76	39.536	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04B-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	4,986.6	4,578.8	20.3	33.8	27.61	1,786.0	473.2	963.1	938.9	24.24	39.726	
5,200.0	5,083.7	5,142.4	4,720.5	20.7	34.9	27.76	1,848.5	489.6	988.1	963.3	24.84	39.777	
5,300.0	5,182.7	5,340.5	4,907.3	20.9	36.0	27.80	1,912.0	506.2	1,008.7	983.3	25.39	39.732	
5,400.0	5,282.4	5,544.4	5,105.7	21.1	36.8	27.79	1,957.4	518.1	1,023.8	998.0	25.82	39.658	
5,500.0	5,382.3	5,752.6	5,312.2	21.2	37.2	27.73	1,982.5	524.6	1,033.2	1,007.1	26.12	39.553	
5,600.0	5,482.3	5,924.3	5,483.8	21.2	37.4	149.49	1,987.0	525.8	1,035.5	1,009.0	26.44	39.167	
5,700.0	5,582.3	6,028.0	5,587.4	21.3	37.4	149.50	1,986.8	525.4	1,035.6	1,008.9	26.71	38.769	
5,800.0	5,682.3	6,128.0	5,687.4	21.4	37.4	149.50	1,986.5	524.9	1,035.6	1,008.6	26.99	38.375	
5,900.0	5,782.3	6,228.0	5,787.4	21.5	37.5	149.50	1,986.2	524.4	1,035.6	1,008.3	27.26	37.987	
6,000.0	5,882.3	6,328.0	5,887.4	21.5	37.5	149.50	1,985.9	523.9	1,035.6	1,008.0	27.54	37.605	
6,100.0	5,982.3	6,428.0	5,987.4	21.6	37.6	149.50	1,985.6	523.4	1,035.6	1,007.8	27.82	37.228	
6,200.0	6,082.3	6,528.0	6,087.4	21.7	37.6	149.50	1,985.3	522.9	1,035.6	1,007.5	28.10	36.856	
6,300.0	6,182.3	6,628.0	6,187.4	21.8	37.7	149.50	1,985.1	522.4	1,035.6	1,007.2	28.38	36.490	
6,400.0	6,282.3	6,728.0	6,287.4	21.9	37.7	149.50	1,984.8	521.9	1,035.6	1,006.9	28.66	36.129	
6,500.0	6,382.3	6,828.0	6,387.4	22.0	37.8	149.50	1,984.5	521.4	1,035.6	1,006.6	28.95	35.773	
6,600.0	6,482.3	6,928.0	6,487.4	22.0	37.8	149.50	1,984.2	521.0	1,035.6	1,006.3	29.23	35.423	
6,700.0	6,582.3	7,028.0	6,587.4	22.1	37.9	149.50	1,983.9	520.5	1,035.6	1,006.1	29.52	35.078	
6,800.0	6,682.3	7,128.0	6,687.4	22.2	37.9	149.50	1,983.6	520.0	1,035.6	1,005.8	29.81	34.738	
6,900.0	6,782.3	7,228.0	6,787.4	22.3	38.0	149.50	1,983.3	519.5	1,035.6	1,005.5	30.10	34.403	
7,000.0	6,882.3	7,328.0	6,887.4	22.4	38.0	149.50	1,983.0	519.0	1,035.6	1,005.2	30.39	34.073	
7,100.0	6,982.3	7,428.0	6,987.4	22.5	38.1	149.50	1,982.7	518.5	1,035.6	1,004.9	30.69	33.748	
7,200.0	7,082.3	7,528.0	7,087.4	22.6	38.1	149.49	1,982.4	518.0	1,035.6	1,004.6	30.98	33.428	
7,300.0	7,182.3	7,628.0	7,187.4	22.7	38.2	149.49	1,982.1	517.5	1,035.6	1,004.3	31.27	33.112	
7,400.0	7,282.3	7,728.0	7,287.4	22.8	38.2	149.49	1,981.9	517.0	1,035.6	1,004.0	31.57	32.802	
7,500.0	7,382.3	7,828.0	7,387.4	22.9	38.3	149.49	1,981.6	516.5	1,035.6	1,003.7	31.87	32.496	
7,600.0	7,482.3	7,928.0	7,487.4	23.0	38.3	149.49	1,981.3	516.0	1,035.6	1,003.4	32.17	32.194	
7,700.0	7,582.3	8,028.0	7,587.4	23.1	38.4	149.49	1,981.0	515.5	1,035.6	1,003.1	32.47	31.898	
7,800.0	7,682.3	8,128.0	7,687.4	23.1	38.5	149.49	1,980.7	515.0	1,035.6	1,002.8	32.77	31.605	
7,900.0	7,782.3	8,228.0	7,787.4	23.2	38.5	149.49	1,980.4	514.5	1,035.6	1,002.5	33.07	31.317	
8,000.0	7,882.3	8,328.0	7,887.4	23.3	38.6	149.49	1,980.1	514.0	1,035.6	1,002.2	33.37	31.034	
8,100.0	7,982.3	8,428.0	7,987.4	23.4	38.6	149.49	1,979.8	513.5	1,035.6	1,001.9	33.67	30.754	
8,200.0	8,082.3	8,528.0	8,087.4	23.5	38.7	149.49	1,979.5	513.0	1,035.6	1,001.6	33.98	30.479	
8,300.0	8,182.3	8,628.0	8,187.4	23.7	38.8	149.49	1,979.2	512.5	1,035.6	1,001.3	34.28	30.208	
8,400.0	8,282.3	8,728.0	8,287.4	23.8	38.8	149.49	1,978.9	512.0	1,035.6	1,001.0	34.59	29.941	
8,500.0	8,382.3	8,828.0	8,387.4	23.9	38.9	149.49	1,978.7	511.5	1,035.6	1,000.7	34.89	29.678	
8,600.0	8,482.3	8,928.0	8,487.4	24.0	38.9	149.49	1,978.4	511.0	1,035.6	1,000.4	35.20	29.419	
8,700.0	8,582.3	9,028.0	8,587.4	24.1	39.0	149.49	1,978.1	510.5	1,035.6	1,000.0	35.51	29.164	
8,800.0	8,682.3	9,128.0	8,687.4	24.2	39.1	149.49	1,977.8	510.0	1,035.6	999.7	35.82	28.912	
8,900.0	8,782.3	9,228.0	8,787.4	24.3	39.1	149.49	1,977.5	509.5	1,035.6	999.4	36.13	28.665	
9,000.0	8,882.3	9,328.0	8,887.4	24.4	39.2	149.49	1,977.2	509.0	1,035.6	999.1	36.44	28.421	
9,100.0	8,982.3	9,428.0	8,987.4	24.5	39.3	149.49	1,976.9	508.5	1,035.6	998.8	36.75	28.180	
9,200.0	9,082.3	9,528.0	9,087.4	24.6	39.3	149.49	1,976.6	508.0	1,035.6	998.5	37.06	27.943	
9,300.0	9,182.3	9,628.0	9,187.4	24.7	39.4	149.49	1,976.3	507.5	1,035.6	998.2	37.37	27.710	
9,400.0	9,282.3	9,728.0	9,287.4	24.8	39.5	149.49	1,976.0	507.1	1,035.5	997.9	37.68	27.479	
9,500.0	9,382.3	9,828.0	9,387.4	24.9	39.5	149.49	1,975.7	506.6	1,035.5	997.5	38.00	27.253	
9,600.0	9,482.3	9,928.0	9,487.4	25.1	39.6	149.49	1,975.5	506.1	1,035.5	997.2	38.31	27.029	
9,700.0	9,582.3	10,028.0	9,587.4	25.2	39.7	149.49	1,975.2	505.6	1,035.5	996.9	38.63	26.809	
9,800.0	9,682.3	10,128.0	9,687.4	25.3	39.7	149.49	1,974.9	505.1	1,035.5	996.6	38.94	26.592	
9,900.0	9,782.2	10,228.0	9,787.4	25.4	39.8	149.49	1,974.6	504.6	1,035.5	996.3	39.26	26.378	
10,000.0	9,882.2	10,328.0	9,887.4	25.5	39.9	149.49	1,974.3	504.1	1,035.5	996.0	39.57	26.167	
10,100.0	9,982.2	10,428.0	9,987.4	25.6	40.0	149.49	1,974.0	503.6	1,035.5	995.7	39.89	25.959	
10,200.0	10,082.2	10,528.0	10,087.4	25.7	40.0	149.49	1,973.7	503.1	1,035.5	995.3	40.21	25.754	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04B-30 I25 596 - OH - Plan #1

Survey Program: 0-MWD

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	10,182.2	10,628.0	10,187.4	25.9	40.1	149.49	1,973.4	502.6	1,035.5	995.0	40.53	25.551	
10,308.8	10,191.0	10,636.7	10,196.1	25.9	40.1	149.49	1,973.4	502.5	1,035.5	995.0	40.56	25.534	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	48.57	13.2	15.0	20.0				
100.0	100.0	100.0	100.0	0.1	0.1	48.57	13.2	15.0	20.0	19.7	0.27	73.451	
200.0	200.0	200.0	200.0	0.3	0.3	48.57	13.2	15.0	20.0	19.4	0.62	32.186	
300.0	300.0	300.0	300.0	0.5	0.5	53.34	13.2	15.0	18.3	17.3	0.98	18.783	
400.0	399.6	399.2	399.1	0.7	0.7	70.19	15.7	15.8	16.5	15.1	1.37	12.015	
410.6	410.1	409.7	409.6	0.7	0.7	72.31	16.2	16.0	16.4	15.0	1.42	11.567	CC, ES
500.0	498.8	498.6	498.2	1.0	0.9	90.15	23.0	18.4	17.9	16.0	1.87	9.573	
600.0	597.1	598.1	596.9	1.4	1.1	105.14	35.2	22.7	22.7	20.2	2.48	9.160	
700.0	694.6	697.9	695.0	1.8	1.5	111.24	52.2	28.6	29.5	26.4	3.17	9.307	
800.0	792.2	797.7	792.1	2.2	1.9	107.12	74.1	36.3	36.3	32.3	4.02	9.042	
900.0	889.7	897.0	887.3	2.6	2.4	97.53	100.6	45.6	43.8	38.9	4.96	8.829	SF
1,000.0	987.2	995.3	980.0	3.0	3.0	85.71	131.4	56.3	53.9	48.0	5.86	9.198	
1,100.0	1,084.7	1,092.9	1,070.5	3.4	3.7	74.51	165.9	68.4	67.9	61.4	6.56	10.357	
1,200.0	1,182.2	1,191.0	1,161.2	3.8	4.3	66.82	201.4	80.8	84.2	77.0	7.15	11.778	
1,300.0	1,279.7	1,289.2	1,251.9	4.2	5.0	61.66	236.8	93.3	101.4	93.7	7.70	13.165	
1,400.0	1,377.3	1,387.3	1,342.6	4.7	5.7	58.01	272.2	105.7	119.3	111.0	8.26	14.444	
1,500.0	1,474.8	1,485.5	1,433.2	5.1	6.3	55.31	307.7	118.1	137.4	128.6	8.81	15.601	
1,600.0	1,572.3	1,583.6	1,523.9	5.5	7.0	53.25	343.1	130.5	155.8	146.4	9.36	16.638	
1,700.0	1,669.8	1,681.8	1,614.6	5.9	7.7	51.62	378.5	142.9	174.4	164.4	9.92	17.569	
1,800.0	1,767.3	1,780.0	1,705.3	6.4	8.4	50.31	414.0	155.3	193.0	182.5	10.49	18.405	
1,900.0	1,864.9	1,878.1	1,796.0	6.8	9.0	49.22	449.4	167.7	211.7	200.7	11.05	19.159	
2,000.0	1,962.4	1,976.3	1,886.7	7.2	9.7	48.32	484.8	180.1	230.5	218.9	11.62	19.840	
2,100.0	2,059.9	2,074.4	1,977.4	7.6	10.4	47.55	520.3	192.5	249.4	237.2	12.19	20.457	
2,200.0	2,157.4	2,172.6	2,068.1	8.0	11.1	46.89	555.7	204.9	268.3	255.5	12.76	21.020	
2,300.0	2,254.9	2,270.7	2,158.8	8.5	11.8	46.31	591.2	217.3	287.2	273.8	13.34	21.535	
2,400.0	2,352.4	2,368.9	2,249.5	8.9	12.4	45.81	626.6	229.7	306.1	292.2	13.91	22.007	
2,500.0	2,450.0	2,467.1	2,340.2	9.3	13.1	45.36	662.0	242.1	325.1	310.6	14.49	22.441	
2,600.0	2,547.5	2,565.2	2,430.9	9.7	13.8	44.97	697.5	254.5	344.0	329.0	15.06	22.841	
2,700.0	2,645.0	2,663.4	2,521.6	10.2	14.5	44.61	732.9	266.9	363.0	347.4	15.64	23.212	
2,800.0	2,742.5	2,761.5	2,612.3	10.6	15.2	44.29	768.3	279.3	382.0	365.8	16.22	23.556	
2,900.0	2,840.0	2,859.7	2,702.9	11.0	15.8	44.00	803.8	291.7	401.0	384.2	16.80	23.877	
3,000.0	2,937.5	2,957.8	2,793.6	11.4	16.5	43.74	839.2	304.1	420.1	402.7	17.38	24.175	
3,100.0	3,035.1	3,056.0	2,884.3	11.9	17.2	43.50	874.6	316.5	439.1	421.1	17.96	24.454	
3,200.0	3,132.6	3,154.2	2,975.0	12.3	17.9	43.28	910.1	328.9	458.1	439.6	18.54	24.716	
3,300.0	3,230.1	3,252.3	3,065.7	12.7	18.6	43.08	945.5	341.3	477.2	458.0	19.12	24.961	
3,400.0	3,327.6	3,350.5	3,156.4	13.1	19.2	42.89	980.9	353.7	496.2	476.5	19.70	25.192	
3,500.0	3,425.1	3,448.6	3,247.1	13.6	19.9	42.72	1,016.4	366.2	515.3	495.0	20.28	25.410	
3,600.0	3,522.6	3,546.8	3,337.8	14.0	20.6	42.55	1,051.8	378.6	534.3	513.5	20.86	25.615	
3,700.0	3,620.2	3,644.9	3,428.5	14.4	21.3	42.40	1,087.3	391.0	553.4	531.9	21.44	25.809	
3,800.0	3,717.7	3,743.1	3,519.2	14.8	22.0	42.27	1,122.7	403.4	572.4	550.4	22.02	25.993	
3,900.0	3,815.2	3,841.3	3,609.9	15.2	22.7	42.13	1,158.1	415.8	591.5	568.9	22.60	26.167	
4,000.0	3,912.7	3,939.4	3,700.6	15.7	23.3	42.01	1,193.6	428.2	610.6	587.4	23.19	26.332	
4,100.0	4,010.2	4,037.6	3,791.3	16.1	24.0	41.90	1,229.0	440.6	629.6	605.9	23.77	26.489	
4,200.0	4,107.8	4,135.7	3,882.0	16.5	24.7	41.79	1,264.4	453.0	648.7	624.4	24.35	26.639	
4,300.0	4,205.3	4,233.9	3,972.7	16.9	25.4	41.69	1,299.9	465.4	667.8	642.8	24.93	26.781	
4,400.0	4,302.8	4,332.0	4,063.3	17.4	26.1	41.59	1,335.3	477.8	686.9	661.3	25.52	26.917	
4,500.0	4,400.3	4,430.2	4,154.0	17.8	26.7	41.50	1,370.7	490.2	705.9	679.8	26.10	27.047	
4,600.0	4,497.8	4,528.4	4,244.7	18.2	27.4	41.41	1,406.2	502.6	725.0	698.3	26.68	27.171	
4,700.0	4,595.3	4,626.5	4,335.4	18.6	28.1	41.33	1,441.6	515.0	744.1	716.8	27.27	27.289	
4,800.0	4,692.9	4,724.7	4,426.1	19.1	28.8	41.25	1,477.1	527.4	763.2	735.3	27.85	27.403	
4,900.0	4,790.4	4,822.8	4,516.8	19.5	29.5	41.18	1,512.5	539.8	782.3	753.8	28.43	27.512	
5,000.0	4,887.9	4,921.0	4,607.5	19.9	30.2	41.11	1,547.9	552.2	801.3	772.3	29.02	27.616	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	5,019.1	4,698.2	20.3	30.8	41.10	1,583.4	564.6	820.5	790.9	29.62	27.699	
5,200.0	5,083.7	5,173.6	4,842.8	20.7	31.8	41.26	1,634.5	582.5	839.3	809.0	30.33	27.672	
5,300.0	5,182.7	5,340.2	5,003.1	20.9	32.5	41.34	1,677.2	597.5	854.4	823.5	30.90	27.648	
5,400.0	5,282.4	5,509.6	5,169.4	21.1	33.1	41.33	1,706.9	607.9	865.3	834.0	31.31	27.634	
5,500.0	5,382.3	5,680.9	5,339.9	21.2	33.4	41.26	1,722.7	613.4	871.9	840.4	31.55	27.639	
5,600.0	5,482.3	5,824.9	5,483.9	21.2	33.5	163.01	1,725.2	614.3	873.5	841.7	31.77	27.494	
5,700.0	5,582.3	5,928.2	5,587.1	21.3	33.5	163.02	1,725.0	613.9	873.6	841.6	32.00	27.304	
5,800.0	5,682.3	6,028.2	5,687.1	21.4	33.6	163.02	1,724.7	613.4	873.6	841.4	32.22	27.113	
5,900.0	5,782.3	6,128.2	5,787.1	21.5	33.6	163.02	1,724.4	612.9	873.6	841.2	32.45	26.922	
6,000.0	5,882.3	6,228.2	5,887.1	21.5	33.6	163.02	1,724.1	612.4	873.6	840.9	32.68	26.732	
6,100.0	5,982.3	6,328.2	5,987.1	21.6	33.7	163.01	1,723.8	611.9	873.6	840.7	32.91	26.543	
6,200.0	6,082.3	6,428.2	6,087.1	21.7	33.7	163.01	1,723.5	611.4	873.6	840.5	33.15	26.355	
6,300.0	6,182.3	6,528.2	6,187.1	21.8	33.8	163.01	1,723.3	610.9	873.6	840.2	33.38	26.169	
6,400.0	6,282.3	6,628.2	6,287.1	21.9	33.9	163.01	1,723.0	610.4	873.6	840.0	33.62	25.983	
6,500.0	6,382.3	6,728.2	6,387.1	22.0	33.9	163.01	1,722.7	609.9	873.6	839.7	33.86	25.798	
6,600.0	6,482.3	6,828.2	6,487.1	22.0	34.0	163.01	1,722.4	609.4	873.6	839.5	34.11	25.615	
6,700.0	6,582.3	6,928.2	6,587.1	22.1	34.0	163.01	1,722.1	608.9	873.6	839.3	34.35	25.433	
6,800.0	6,682.3	7,028.2	6,687.1	22.2	34.1	163.01	1,721.8	608.4	873.6	839.0	34.60	25.252	
6,900.0	6,782.3	7,128.2	6,787.1	22.3	34.1	163.01	1,721.5	607.9	873.6	838.8	34.84	25.073	
7,000.0	6,882.3	7,228.2	6,887.1	22.4	34.2	163.01	1,721.2	607.4	873.6	838.5	35.09	24.894	
7,100.0	6,982.3	7,328.2	6,987.1	22.5	34.2	163.01	1,720.9	606.9	873.6	838.3	35.34	24.717	
7,200.0	7,082.3	7,428.2	7,087.1	22.6	34.3	163.01	1,720.6	606.4	873.6	838.0	35.60	24.542	
7,300.0	7,182.3	7,528.2	7,187.1	22.7	34.4	163.01	1,720.4	606.0	873.6	837.8	35.85	24.368	
7,400.0	7,282.3	7,628.2	7,287.1	22.8	34.4	163.01	1,720.1	605.5	873.6	837.5	36.11	24.195	
7,500.0	7,382.3	7,728.2	7,387.1	22.9	34.5	163.01	1,719.8	605.0	873.6	837.2	36.36	24.024	
7,600.0	7,482.3	7,828.2	7,487.1	23.0	34.5	163.01	1,719.5	604.5	873.6	837.0	36.62	23.854	
7,700.0	7,582.3	7,928.2	7,587.1	23.1	34.6	163.01	1,719.2	604.0	873.6	836.7	36.88	23.685	
7,800.0	7,682.3	8,028.2	7,687.1	23.1	34.7	163.01	1,718.9	603.5	873.6	836.4	37.15	23.518	
7,900.0	7,782.3	8,128.2	7,787.1	23.2	34.7	163.01	1,718.6	603.0	873.6	836.2	37.41	23.352	
8,000.0	7,882.3	8,228.2	7,887.1	23.3	34.8	163.01	1,718.3	602.5	873.6	835.9	37.67	23.188	
8,100.0	7,982.3	8,328.2	7,987.1	23.4	34.9	163.01	1,718.0	602.0	873.6	835.7	37.94	23.026	
8,200.0	8,082.3	8,428.2	8,087.1	23.5	34.9	163.01	1,717.7	601.5	873.6	835.4	38.21	22.864	
8,300.0	8,182.3	8,528.2	8,187.1	23.7	35.0	163.01	1,717.5	601.0	873.6	835.1	38.48	22.705	
8,400.0	8,282.3	8,628.2	8,287.1	23.8	35.1	163.01	1,717.2	600.5	873.6	834.8	38.75	22.546	
8,500.0	8,382.3	8,728.2	8,387.1	23.9	35.1	163.01	1,716.9	600.0	873.6	834.6	39.02	22.389	
8,600.0	8,482.3	8,828.2	8,487.1	24.0	35.2	163.01	1,716.6	599.5	873.6	834.3	39.29	22.234	
8,700.0	8,582.3	8,928.2	8,587.1	24.1	35.3	163.01	1,716.3	599.0	873.6	834.0	39.56	22.080	
8,800.0	8,682.3	9,028.2	8,687.1	24.2	35.3	163.01	1,716.0	598.5	873.6	833.7	39.84	21.928	
8,900.0	8,782.3	9,128.2	8,787.1	24.3	35.4	163.01	1,715.7	598.0	873.6	833.5	40.12	21.777	
9,000.0	8,882.3	9,228.2	8,887.1	24.4	35.5	163.01	1,715.4	597.5	873.6	833.2	40.39	21.627	
9,100.0	8,982.3	9,328.2	8,987.1	24.5	35.5	163.01	1,715.1	597.0	873.6	832.9	40.67	21.479	
9,200.0	9,082.3	9,428.2	9,087.1	24.6	35.6	163.01	1,714.8	596.5	873.6	832.6	40.95	21.333	
9,300.0	9,182.3	9,528.2	9,187.1	24.7	35.7	163.01	1,714.6	596.0	873.6	832.3	41.23	21.188	
9,400.0	9,282.3	9,628.2	9,287.1	24.8	35.8	163.01	1,714.3	595.5	873.6	832.1	41.51	21.044	
9,500.0	9,382.3	9,728.2	9,387.1	24.9	35.8	163.01	1,714.0	595.0	873.6	831.8	41.79	20.902	
9,600.0	9,482.3	9,828.2	9,487.1	25.1	35.9	163.01	1,713.7	594.5	873.6	831.5	42.08	20.761	
9,700.0	9,582.3	9,928.2	9,587.1	25.2	36.0	163.01	1,713.4	594.0	873.6	831.2	42.36	20.621	
9,800.0	9,682.3	10,028.2	9,687.0	25.3	36.1	163.01	1,713.1	593.5	873.6	830.9	42.65	20.483	
9,900.0	9,782.2	10,128.2	9,787.0	25.4	36.2	163.01	1,712.8	593.0	873.6	830.6	42.93	20.346	
10,000.0	9,882.2	10,228.2	9,887.0	25.5	36.2	163.01	1,712.5	592.5	873.6	830.3	43.22	20.211	
10,100.0	9,982.2	10,328.2	9,987.0	25.6	36.3	163.01	1,712.2	592.1	873.6	830.1	43.51	20.077	
10,200.0	10,082.2	10,428.2	10,087.0	25.7	36.4	163.01	1,711.9	591.6	873.6	829.8	43.80	19.945	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF04C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	10,182.2	10,528.2	10,187.0	25.9	36.5	163.01	1,711.6	591.1	873.6	829.5	44.09	19.813	
10,308.8	10,191.0	10,536.9	10,195.8	25.9	36.5	163.01	1,711.6	591.0	873.6	829.5	44.12	19.802	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF05C-30 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-131.43	-13.2	-15.0	20.0				
100.0	100.0	100.0	100.0	0.1	0.1	-131.43	-13.2	-15.0	20.0	19.7	0.27	73.451	
200.0	200.0	200.0	200.0	0.3	0.3	-131.43	-13.2	-15.0	20.0	19.4	0.62	32.186	
300.0	300.0	301.0	301.0	0.5	0.5	-138.73	-11.5	-12.9	19.2	18.3	0.98	19.712	
391.3	390.9	393.0	392.6	0.7	0.7	-156.29	-7.0	-7.5	18.3	17.0	1.31	14.024	CC
400.0	399.6	401.7	401.4	0.7	0.7	-158.61	-6.4	-6.8	18.4	17.0	1.34	13.701	ES
500.0	498.8	501.9	500.6	1.0	1.0	171.50	2.1	3.2	21.7	19.9	1.79	12.135	SF
600.0	597.1	601.9	599.2	1.4	1.3	151.03	13.9	15.4	31.4	29.0	2.39	13.152	
700.0	694.6	701.0	696.8	1.8	1.7	144.07	27.1	26.4	44.4	41.4	3.03	14.659	
800.0	792.2	800.0	794.3	2.2	2.0	140.43	40.2	37.4	57.8	54.1	3.69	15.679	
900.0	889.7	899.1	891.9	2.6	2.3	138.17	53.4	48.4	71.4	67.0	4.36	16.382	
1,000.0	987.2	998.1	989.4	3.0	2.7	136.63	66.5	59.4	85.1	80.0	5.04	16.892	
1,100.0	1,084.7	1,097.1	1,087.0	3.4	3.0	135.52	79.6	70.4	98.8	93.0	5.72	17.277	
1,200.0	1,182.2	1,196.2	1,184.5	3.8	3.4	134.67	92.8	81.3	112.5	106.1	6.40	17.577	
1,300.0	1,279.7	1,295.2	1,282.1	4.2	3.7	134.02	105.9	92.3	126.2	119.2	7.09	17.817	
1,400.0	1,377.3	1,394.3	1,379.6	4.7	4.0	133.49	119.1	103.3	140.0	132.2	7.77	18.014	
1,500.0	1,474.8	1,493.3	1,477.1	5.1	4.4	133.05	132.2	114.3	153.8	145.3	8.46	18.177	
1,600.0	1,572.3	1,592.3	1,574.7	5.5	4.7	132.69	145.4	125.3	167.5	158.4	9.15	18.315	
1,700.0	1,669.8	1,691.4	1,672.2	5.9	5.1	132.38	158.5	136.3	181.3	171.5	9.84	18.433	
1,800.0	1,767.3	1,790.4	1,769.8	6.4	5.4	132.12	171.6	147.3	195.1	184.6	10.53	18.536	
1,900.0	1,864.9	1,889.5	1,867.3	6.8	5.8	131.89	184.8	158.2	208.9	197.7	11.22	18.625	
2,000.0	1,962.4	1,988.5	1,964.9	7.2	6.1	131.69	197.9	169.2	222.7	210.8	11.91	18.704	
2,100.0	2,059.9	2,087.5	2,062.4	7.6	6.5	131.51	211.1	180.2	236.5	223.9	12.60	18.774	
2,200.0	2,157.4	2,186.6	2,160.0	8.0	6.8	131.35	224.2	191.2	250.3	237.0	13.29	18.836	
2,300.0	2,254.9	2,285.6	2,257.5	8.5	7.2	131.21	237.4	202.2	264.1	250.1	13.98	18.892	
2,400.0	2,352.4	2,384.7	2,355.1	8.9	7.5	131.08	250.5	213.2	277.9	263.2	14.67	18.943	
2,500.0	2,450.0	2,483.7	2,452.6	9.3	7.8	130.97	263.7	224.2	291.7	276.3	15.36	18.989	
2,600.0	2,547.5	2,582.8	2,550.2	9.7	8.2	130.86	276.8	235.1	305.5	289.4	16.05	19.031	
2,700.0	2,645.0	2,681.8	2,647.7	10.2	8.5	130.77	289.9	246.1	319.3	302.6	16.74	19.070	
2,800.0	2,742.5	2,780.8	2,745.3	10.6	8.9	130.68	303.1	257.1	333.1	315.7	17.44	19.105	
2,900.0	2,840.0	2,879.9	2,842.8	11.0	9.2	130.60	316.2	268.1	346.9	328.8	18.13	19.138	
3,000.0	2,937.5	2,978.9	2,940.4	11.4	9.6	130.52	329.4	279.1	360.7	341.9	18.82	19.168	
3,100.0	3,035.1	3,078.0	3,037.9	11.9	9.9	130.45	342.5	290.1	374.5	355.0	19.51	19.196	
3,200.0	3,132.6	3,177.0	3,135.5	12.3	10.3	130.39	355.7	301.0	388.3	368.1	20.20	19.222	
3,300.0	3,230.1	3,276.0	3,233.0	12.7	10.6	130.33	368.8	312.0	402.1	381.2	20.89	19.246	
3,400.0	3,327.6	3,375.1	3,330.6	13.1	11.0	130.27	382.0	323.0	416.0	394.4	21.59	19.269	
3,500.0	3,425.1	3,474.1	3,428.1	13.6	11.3	130.22	395.1	334.0	429.8	407.5	22.28	19.290	
3,600.0	3,522.6	3,573.2	3,525.7	14.0	11.7	130.17	408.2	345.0	443.6	420.6	22.97	19.310	
3,700.0	3,620.2	3,672.2	3,623.2	14.4	12.0	130.13	421.4	356.0	457.4	433.7	23.66	19.329	
3,800.0	3,717.7	3,771.3	3,720.8	14.8	12.4	130.08	434.5	367.0	471.2	446.8	24.36	19.346	
3,900.0	3,815.2	3,870.3	3,818.3	15.2	12.7	130.04	447.7	377.9	485.0	459.9	25.05	19.363	
4,000.0	3,912.7	3,969.3	3,915.9	15.7	13.0	130.00	460.8	388.9	498.8	473.1	25.74	19.379	
4,100.0	4,010.2	4,068.4	4,013.4	16.1	13.4	129.97	474.0	399.9	512.6	486.2	26.43	19.394	
4,200.0	4,107.8	4,167.4	4,111.0	16.5	13.7	129.93	487.1	410.9	526.4	499.3	27.12	19.408	
4,300.0	4,205.3	4,266.5	4,208.5	16.9	14.1	129.90	500.2	421.9	540.2	512.4	27.82	19.421	
4,400.0	4,302.8	4,365.5	4,306.1	17.4	14.4	129.87	513.4	432.9	554.0	525.5	28.51	19.434	
4,500.0	4,400.3	4,464.5	4,403.6	17.8	14.8	129.84	526.5	443.8	567.9	538.7	29.20	19.446	
4,600.0	4,497.8	4,563.6	4,501.2	18.2	15.1	129.81	539.7	454.8	581.7	551.8	29.89	19.458	
4,700.0	4,595.3	4,662.6	4,598.7	18.6	15.5	129.78	552.8	465.8	595.5	564.9	30.59	19.469	
4,800.0	4,692.9	4,761.7	4,696.3	19.1	15.8	129.76	566.0	476.8	609.3	578.0	31.28	19.480	
4,900.0	4,790.4	4,860.7	4,793.8	19.5	16.2	129.73	579.1	487.8	623.1	591.1	31.97	19.490	
5,000.0	4,887.9	4,959.7	4,891.4	19.9	16.5	129.71	592.3	498.8	636.9	604.3	32.66	19.500	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF05C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	5,058.8	4,988.9	20.3	16.9	129.74	605.4	509.8	650.7	617.3	33.36	19.506	
5,200.0	5,083.7	5,157.9	5,086.5	20.7	17.2	129.75	618.5	520.7	662.2	628.2	34.03	19.462	
5,300.0	5,182.7	5,256.7	5,184.3	20.9	17.5	129.65	629.0	529.5	670.6	636.0	34.56	19.405	
5,400.0	5,282.4	5,355.8	5,283.1	21.1	17.6	129.57	635.6	535.0	675.7	640.8	34.93	19.345	
5,500.0	5,382.3	5,455.2	5,382.4	21.2	17.8	129.52	638.3	537.3	677.6	642.5	35.15	19.278	
5,600.0	5,482.3	5,555.9	5,483.1	21.2	17.8	-108.67	638.3	537.2	677.6	642.3	35.33	19.180	
5,700.0	5,582.3	5,656.4	5,583.6	21.3	17.9	-108.67	638.0	536.7	677.6	642.1	35.51	19.084	
5,800.0	5,682.3	5,756.4	5,683.6	21.4	18.0	-108.67	637.7	536.2	677.6	642.0	35.69	18.988	
5,900.0	5,782.3	5,856.4	5,783.6	21.5	18.1	-108.67	637.4	535.7	677.6	641.8	35.87	18.891	
6,000.0	5,882.3	5,956.4	5,883.6	21.5	18.2	-108.67	637.1	535.2	677.6	641.6	36.06	18.795	
6,100.0	5,982.3	6,056.4	5,983.6	21.6	18.3	-108.67	636.9	534.7	677.6	641.4	36.24	18.698	
6,200.0	6,082.3	6,156.4	6,083.6	21.7	18.4	-108.67	636.6	534.3	677.6	641.2	36.43	18.600	
6,300.0	6,182.3	6,256.4	6,183.6	21.8	18.5	-108.67	636.3	533.8	677.6	641.0	36.62	18.503	
6,400.0	6,282.3	6,356.4	6,283.6	21.9	18.6	-108.67	636.0	533.3	677.6	640.8	36.82	18.405	
6,500.0	6,382.3	6,456.4	6,383.5	22.0	18.7	-108.67	635.7	532.8	677.6	640.6	37.01	18.308	
6,600.0	6,482.3	6,556.4	6,483.5	22.0	18.8	-108.67	635.4	532.3	677.6	640.4	37.21	18.210	
6,700.0	6,582.3	6,656.4	6,583.5	22.1	18.9	-108.67	635.1	531.8	677.6	640.2	37.41	18.112	
6,800.0	6,682.3	6,756.4	6,683.5	22.2	19.0	-108.67	634.8	531.3	677.6	640.0	37.62	18.014	
6,900.0	6,782.3	6,856.4	6,783.5	22.3	19.1	-108.67	634.5	530.8	677.6	639.8	37.82	17.917	
7,000.0	6,882.3	6,956.4	6,883.5	22.4	19.2	-108.67	634.2	530.3	677.6	639.6	38.03	17.819	
7,100.0	6,982.3	7,056.4	6,983.5	22.5	19.3	-108.67	633.9	529.8	677.6	639.4	38.24	17.721	
7,200.0	7,082.3	7,156.4	7,083.5	22.6	19.4	-108.67	633.6	529.3	677.6	639.2	38.45	17.624	
7,300.0	7,182.3	7,256.4	7,183.5	22.7	19.5	-108.67	633.4	528.8	677.6	639.0	38.66	17.527	
7,400.0	7,282.3	7,356.4	7,283.5	22.8	19.6	-108.67	633.1	528.3	677.6	638.8	38.88	17.430	
7,500.0	7,382.3	7,456.4	7,383.5	22.9	19.7	-108.67	632.8	527.8	677.6	638.5	39.10	17.333	
7,600.0	7,482.3	7,556.4	7,483.5	23.0	19.8	-108.67	632.5	527.3	677.6	638.3	39.32	17.236	
7,700.0	7,582.3	7,656.4	7,583.5	23.1	19.9	-108.67	632.2	526.8	677.6	638.1	39.54	17.140	
7,800.0	7,682.3	7,756.4	7,683.5	23.1	20.0	-108.67	631.9	526.3	677.6	637.9	39.76	17.044	
7,900.0	7,782.3	7,856.4	7,783.5	23.2	20.1	-108.67	631.6	525.8	677.6	637.7	39.98	16.948	
8,000.0	7,882.3	7,956.4	7,883.5	23.3	20.3	-108.67	631.3	525.4	677.6	637.4	40.21	16.852	
8,100.0	7,982.3	8,056.4	7,983.5	23.4	20.4	-108.67	631.0	524.9	677.6	637.2	40.44	16.757	
8,200.0	8,082.3	8,156.4	8,083.5	23.5	20.5	-108.67	630.7	524.4	677.6	637.0	40.67	16.662	
8,300.0	8,182.3	8,256.4	8,183.5	23.7	20.6	-108.67	630.4	523.9	677.6	636.7	40.90	16.568	
8,400.0	8,282.3	8,356.4	8,283.5	23.8	20.7	-108.67	630.1	523.4	677.6	636.5	41.13	16.474	
8,500.0	8,382.3	8,456.4	8,383.5	23.9	20.8	-108.67	629.9	522.9	677.6	636.3	41.37	16.380	
8,600.0	8,482.3	8,556.4	8,483.5	24.0	20.9	-108.67	629.6	522.4	677.6	636.0	41.61	16.287	
8,700.0	8,582.3	8,656.4	8,583.5	24.1	21.1	-108.67	629.3	521.9	677.6	635.8	41.84	16.195	
8,800.0	8,682.3	8,756.4	8,683.5	24.2	21.2	-108.67	629.0	521.4	677.6	635.6	42.08	16.102	
8,900.0	8,782.3	8,856.4	8,783.5	24.3	21.3	-108.67	628.7	520.9	677.6	635.3	42.32	16.011	
9,000.0	8,882.3	8,956.4	8,883.5	24.4	21.4	-108.67	628.4	520.4	677.6	635.1	42.57	15.919	
9,100.0	8,982.3	9,056.4	8,983.5	24.5	21.5	-108.67	628.1	519.9	677.6	634.8	42.81	15.828	
9,200.0	9,082.3	9,156.4	9,083.5	24.6	21.7	-108.67	627.8	519.4	677.6	634.6	43.06	15.738	
9,300.0	9,182.3	9,256.4	9,183.5	24.7	21.8	-108.67	627.5	518.9	677.6	634.3	43.30	15.648	
9,400.0	9,282.3	9,356.4	9,283.5	24.8	21.9	-108.67	627.2	518.4	677.6	634.1	43.55	15.559	
9,500.0	9,382.3	9,456.4	9,383.5	24.9	22.0	-108.67	626.9	517.9	677.6	633.8	43.80	15.470	
9,600.0	9,482.3	9,556.4	9,483.5	25.1	22.2	-108.67	626.6	517.4	677.6	633.6	44.05	15.382	
9,700.0	9,582.3	9,656.4	9,583.5	25.2	22.3	-108.67	626.4	517.0	677.6	633.3	44.31	15.294	
9,800.0	9,682.3	9,756.4	9,683.5	25.3	22.4	-108.67	626.1	516.5	677.6	633.1	44.56	15.207	
9,900.0	9,782.2	9,856.4	9,783.5	25.4	22.5	-108.67	625.8	516.0	677.6	632.8	44.82	15.120	
10,000.0	9,882.2	9,956.4	9,883.5	25.5	22.7	-108.67	625.5	515.5	677.6	632.6	45.07	15.034	
10,100.0	9,982.2	10,056.4	9,983.5	25.6	22.8	-108.67	625.2	515.0	677.6	632.3	45.33	14.949	
10,200.0	10,082.2	10,156.4	10,083.5	25.7	22.9	-108.67	624.9	514.5	677.6	632.0	45.59	14.864	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF05C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	10,182.2	10,256.4	10,183.5	25.9	23.0	-108.67	624.6	514.0	677.6	631.8	45.85	14.780	
10,308.8	10,191.0	10,265.1	10,192.2	25.9	23.1	-108.67	624.6	513.9	677.6	631.8	45.87	14.772	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF05D-30 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-131.43	-26.5	-30.0	40.0				
100.0	100.0	100.0	100.0	0.1	0.1	-131.43	-26.5	-30.0	40.0	39.7	0.27	146.893	
200.0	200.0	200.0	200.0	0.3	0.3	-131.43	-26.5	-30.0	40.0	39.4	0.62	64.369	
300.0	300.0	301.9	301.9	0.5	0.5	-136.98	-25.5	-27.4	39.4	38.4	0.98	40.217	
380.6	380.3	383.6	383.4	0.7	0.7	-146.87	-23.3	-21.7	38.8	37.5	1.29	30.182	CC
400.0	399.6	403.3	402.9	0.7	0.7	-150.11	-22.6	-19.9	38.9	37.5	1.36	28.581	ES
500.0	498.8	503.6	502.3	1.0	1.0	-170.37	-17.9	-7.5	42.3	40.6	1.80	23.565	
600.0	597.1	602.4	599.4	1.4	1.4	169.44	-11.5	9.5	54.0	51.6	2.36	22.887	SF
700.0	694.6	699.4	693.9	1.8	1.8	155.00	-3.7	30.2	73.2	70.2	3.05	24.011	
800.0	792.2	796.2	788.0	2.2	2.2	146.51	4.4	51.3	95.3	91.6	3.78	25.230	
900.0	889.7	893.0	882.1	2.6	2.6	141.25	12.4	72.5	118.7	114.2	4.52	26.297	
1,000.0	987.2	989.7	976.1	3.0	3.1	137.73	20.4	93.6	142.8	137.5	5.25	27.184	
1,100.0	1,084.7	1,086.5	1,070.2	3.4	3.5	135.23	28.4	114.8	167.1	161.2	5.99	27.917	
1,200.0	1,182.2	1,183.2	1,164.3	3.8	3.9	133.36	36.4	136.0	191.8	185.0	6.72	28.525	
1,300.0	1,279.7	1,280.0	1,258.4	4.2	4.4	131.92	44.5	157.1	216.5	209.1	7.46	29.034	
1,400.0	1,377.3	1,376.7	1,352.4	4.7	4.8	130.77	52.5	178.3	241.4	233.2	8.19	29.467	
1,500.0	1,474.8	1,473.5	1,446.5	5.1	5.2	129.84	60.5	199.4	266.3	257.4	8.93	29.837	
1,600.0	1,572.3	1,570.3	1,540.6	5.5	5.7	129.07	68.5	220.6	291.3	281.7	9.66	30.157	
1,700.0	1,669.8	1,667.0	1,634.7	5.9	6.1	128.42	76.6	241.7	316.4	306.0	10.39	30.437	
1,800.0	1,767.3	1,763.8	1,728.7	6.4	6.5	127.86	84.6	262.9	341.4	330.3	11.13	30.682	
1,900.0	1,864.9	1,860.5	1,822.8	6.8	7.0	127.38	92.6	284.1	366.5	354.7	11.86	30.900	
2,000.0	1,962.4	1,957.3	1,916.9	7.2	7.4	126.97	100.6	305.2	391.6	379.0	12.59	31.095	
2,100.0	2,059.9	2,054.1	2,011.0	7.6	7.8	126.60	108.6	326.4	416.8	403.4	13.33	31.269	
2,200.0	2,157.4	2,150.8	2,105.0	8.0	8.3	126.27	116.7	347.5	441.9	427.8	14.06	31.426	
2,300.0	2,254.9	2,247.6	2,199.1	8.5	8.7	125.98	124.7	368.7	467.1	452.3	14.80	31.569	
2,400.0	2,352.4	2,344.3	2,293.2	8.9	9.2	125.72	132.7	389.8	492.2	476.7	15.53	31.698	
2,500.0	2,450.0	2,441.1	2,387.3	9.3	9.6	125.49	140.7	411.0	517.4	501.1	16.26	31.817	
2,600.0	2,547.5	2,537.8	2,481.3	9.7	10.0	125.27	148.7	432.2	542.6	525.6	17.00	31.926	
2,700.0	2,645.0	2,634.6	2,575.4	10.2	10.5	125.08	156.8	453.3	567.8	550.0	17.73	32.026	
2,800.0	2,742.5	2,731.4	2,669.5	10.6	10.9	124.90	164.8	474.5	593.0	574.5	18.46	32.119	
2,900.0	2,840.0	2,828.1	2,763.6	11.0	11.3	124.74	172.8	495.6	618.2	599.0	19.20	32.204	
3,000.0	2,937.5	2,924.9	2,857.6	11.4	11.8	124.59	180.8	516.8	643.4	623.4	19.93	32.284	
3,100.0	3,035.1	3,021.6	2,951.7	11.9	12.2	124.45	188.9	537.9	668.6	647.9	20.66	32.358	
3,200.0	3,132.6	3,118.4	3,045.8	12.3	12.7	124.32	196.9	559.1	693.8	672.4	21.40	32.428	
3,300.0	3,230.1	3,215.2	3,139.9	12.7	13.1	124.20	204.9	580.3	719.0	696.9	22.13	32.492	
3,400.0	3,327.6	3,311.9	3,234.0	13.1	13.5	124.08	212.9	601.4	744.2	721.4	22.86	32.553	
3,500.0	3,425.1	3,408.7	3,328.0	13.6	14.0	123.98	220.9	622.6	769.5	745.9	23.60	32.610	
3,600.0	3,522.6	3,505.4	3,422.1	14.0	14.4	123.88	229.0	643.7	794.7	770.3	24.33	32.664	
3,700.0	3,620.2	3,602.2	3,516.2	14.4	14.8	123.79	237.0	664.9	819.9	794.8	25.06	32.715	
3,800.0	3,717.7	3,698.9	3,610.3	14.8	15.3	123.70	245.0	686.1	845.1	819.3	25.80	32.763	
3,900.0	3,815.2	3,795.7	3,704.3	15.2	15.7	123.62	253.0	707.2	870.4	843.8	26.53	32.808	
4,000.0	3,912.7	3,892.5	3,798.4	15.7	16.2	123.54	261.0	728.4	895.6	868.3	27.26	32.851	
4,100.0	4,010.2	3,989.2	3,892.5	16.1	16.6	123.47	269.1	749.5	920.8	892.8	28.00	32.892	
4,200.0	4,107.8	4,086.0	3,986.6	16.5	17.0	123.40	277.1	770.7	946.0	917.3	28.73	32.931	
4,300.0	4,205.3	4,182.7	4,080.6	16.9	17.5	123.34	285.1	791.8	971.3	941.8	29.46	32.968	
4,400.0	4,302.8	4,279.5	4,174.7	17.4	17.9	123.27	293.1	813.0	996.5	966.3	30.20	33.003	
4,500.0	4,400.3	4,376.3	4,268.8	17.8	18.3	123.22	301.2	834.2	1,021.8	990.8	30.93	33.036	
4,600.0	4,497.8	4,473.0	4,362.9	18.2	18.8	123.16	309.2	855.3	1,047.0	1,015.3	31.66	33.068	
4,700.0	4,595.3	4,569.8	4,456.9	18.6	19.2	123.11	317.2	876.5	1,072.2	1,039.8	32.39	33.099	
4,800.0	4,692.9	4,666.5	4,551.0	19.1	19.7	123.05	325.2	897.6	1,097.5	1,064.3	33.13	33.128	
4,900.0	4,790.4	4,763.3	4,645.1	19.5	20.1	123.01	333.2	918.8	1,122.7	1,088.8	33.86	33.156	
5,000.0	4,887.9	4,860.0	4,739.2	19.9	20.5	122.96	341.3	939.9	1,147.9	1,113.4	34.59	33.183	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF05D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	4,956.8	4,833.2	20.3	21.0	123.03	349.3	961.1	1,173.1	1,137.8	35.35	33.189	
5,200.0	5,083.7	5,054.0	4,927.7	20.7	21.4	123.44	357.3	982.3	1,196.5	1,160.4	36.11	33.131	
5,300.0	5,182.7	5,184.8	5,055.4	20.9	21.9	123.50	367.4	1,008.9	1,216.3	1,179.4	36.85	33.002	
5,400.0	5,282.4	5,339.9	5,208.8	21.1	22.3	123.44	375.4	1,030.1	1,229.1	1,191.7	37.42	32.845	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF06D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-147.80	-118.8	-74.8	140.3				
100.0	100.0	100.0	100.0	0.1	0.1	-147.80	-118.8	-74.8	140.3	140.1	0.27	515.427	
200.0	200.0	200.0	200.0	0.3	0.3	-147.80	-118.8	-74.8	140.3	139.7	0.62	225.861	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-149.60	-118.8	-74.8	142.6	141.6	0.97	146.705	
400.0	399.6	404.4	404.3	0.7	0.7	-152.01	-118.4	-71.9	147.8	146.5	1.34	110.142	
500.0	498.8	507.8	507.4	1.0	0.9	-156.80	-117.5	-63.5	155.1	153.4	1.74	89.179	
600.0	597.1	609.6	608.2	1.4	1.2	-163.31	-116.0	-49.9	166.1	163.9	2.18	76.234	
700.0	694.6	709.1	706.0	1.8	1.5	-170.72	-113.9	-31.4	181.0	178.3	2.68	67.454	
800.0	792.2	806.8	800.9	2.2	2.0	-178.28	-111.3	-8.3	197.6	194.3	3.28	60.271	
900.0	889.7	902.1	892.2	2.6	2.5	174.26	-108.3	18.8	216.9	212.9	3.98	54.470	
1,000.0	987.2	994.7	979.5	3.0	3.1	167.12	-104.9	49.4	239.7	234.9	4.80	49.948	
1,100.0	1,084.7	1,084.3	1,062.5	3.4	3.7	160.46	-101.2	83.1	266.5	260.8	5.71	46.698	
1,200.0	1,182.2	1,170.7	1,140.9	3.8	4.5	154.39	-97.1	119.1	297.8	291.1	6.67	44.630	
1,300.0	1,279.7	1,255.6	1,216.3	4.2	5.2	148.88	-92.8	157.7	333.5	325.9	7.64	43.642	
1,400.0	1,377.3	1,343.2	1,293.8	4.7	6.0	144.08	-88.3	198.3	372.3	363.7	8.61	43.223	SF
1,500.0	1,474.8	1,430.9	1,371.4	5.1	6.8	140.14	-83.8	239.0	413.0	403.4	9.55	43.251	
1,600.0	1,572.3	1,518.5	1,448.9	5.5	7.5	136.86	-79.2	279.6	455.2	444.7	10.46	43.537	
1,700.0	1,669.8	1,606.1	1,526.4	5.9	8.3	134.12	-74.7	320.2	498.5	487.1	11.34	43.972	
1,800.0	1,767.3	1,693.8	1,603.9	6.4	9.1	131.80	-70.2	360.9	542.6	530.4	12.20	44.485	
1,900.0	1,864.9	1,781.4	1,681.4	6.8	9.9	129.81	-65.6	401.5	587.3	574.3	13.04	45.038	
2,000.0	1,962.4	1,869.0	1,758.9	7.2	10.7	128.10	-61.1	442.1	632.6	618.7	13.87	45.604	
2,100.0	2,059.9	1,956.7	1,836.4	7.6	11.5	126.61	-56.6	482.7	678.2	663.5	14.69	46.168	
2,200.0	2,157.4	2,044.3	1,914.0	8.0	12.3	125.30	-52.0	523.4	724.2	708.7	15.50	46.720	
2,300.0	2,254.9	2,131.9	1,991.5	8.5	13.1	124.15	-47.5	564.0	770.4	754.1	16.30	47.255	
2,400.0	2,352.4	2,219.6	2,069.0	8.9	13.9	123.12	-43.0	604.6	816.9	799.8	17.10	47.769	
2,500.0	2,450.0	2,307.2	2,146.5	9.3	14.7	122.21	-38.5	645.2	863.5	845.6	17.89	48.262	
2,600.0	2,547.5	2,394.8	2,224.0	9.7	15.5	121.38	-33.9	685.9	910.3	891.7	18.68	48.733	
2,700.0	2,645.0	2,482.5	2,301.5	10.2	16.3	120.64	-29.4	726.5	957.3	937.8	19.46	49.181	
2,800.0	2,742.5	2,570.1	2,379.0	10.6	17.1	119.96	-24.9	767.1	1,004.3	984.1	20.25	49.608	
2,900.0	2,840.0	2,657.7	2,456.6	11.0	17.9	119.35	-20.3	807.8	1,051.5	1,030.5	21.02	50.014	
3,000.0	2,937.5	2,745.4	2,534.1	11.4	18.7	118.78	-15.8	848.4	1,098.8	1,077.0	21.80	50.400	
3,100.0	3,035.1	2,833.0	2,611.6	11.9	19.5	118.27	-11.3	889.0	1,146.1	1,123.5	22.58	50.768	
3,200.0	3,132.6	2,920.6	2,689.1	12.3	20.3	117.79	-6.7	929.6	1,193.5	1,170.1	23.35	51.117	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF08C-25 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-131.42	-6.6	-7.5	10.0				
100.0	100.0	100.0	100.0	0.1	0.1	-131.42	-6.6	-7.5	10.0	9.7	0.27	36.721	
200.0	200.0	200.0	200.0	0.3	0.3	-131.42	-6.6	-7.5	10.0	9.4	0.62	16.091	
300.0	300.0	300.3	300.3	0.5	0.5	-137.10	-5.1	-7.5	10.8	9.8	0.98	11.082	
400.0	399.6	400.7	400.5	0.7	0.7	-141.09	1.5	-7.4	11.8	10.5	1.35	8.732	
500.0	498.8	501.2	500.3	1.0	1.0	-144.18	13.3	-7.3	12.9	11.1	1.77	7.290	
600.0	597.1	601.8	599.4	1.4	1.3	-146.53	30.4	-7.0	14.0	11.8	2.23	6.294	
700.0	694.6	702.4	697.5	1.8	1.7	-145.24	52.7	-6.8	14.0	11.2	2.78	5.030	
800.0	792.2	802.6	794.0	2.2	2.2	-129.44	79.5	-6.4	10.7	6.9	3.79	2.817	
900.0	889.7	902.4	890.0	2.6	2.7	-99.25	106.8	-6.1	8.6	3.4	5.22	1.656	
917.4	906.6	919.8	906.7	2.6	2.8	-93.01	111.6	-6.1	8.6	3.2	5.41	1.586	CC, ES, SF
1,000.0	987.2	1,002.3	986.1	3.0	3.2	-65.56	134.1	-5.8	9.7	3.9	5.78	1.674	
1,100.0	1,084.7	1,102.1	1,082.1	3.4	3.7	-44.06	161.5	-5.4	13.1	7.5	5.60	2.334	
1,200.0	1,182.2	1,202.0	1,178.1	3.8	4.2	-32.38	188.8	-5.1	17.5	12.0	5.50	3.185	
1,300.0	1,279.7	1,301.9	1,274.2	4.2	4.7	-25.58	216.1	-4.8	22.4	16.8	5.56	4.028	
1,400.0	1,377.3	1,401.7	1,370.2	4.7	5.2	-21.25	243.5	-4.4	27.5	21.7	5.72	4.801	
1,500.0	1,474.8	1,501.6	1,466.3	5.1	5.7	-18.28	270.8	-4.1	32.6	26.7	5.94	5.492	
1,600.0	1,572.3	1,601.4	1,562.3	5.5	6.2	-16.13	298.1	-3.8	37.9	31.7	6.20	6.106	
1,700.0	1,669.8	1,701.3	1,658.3	5.9	6.7	-14.50	325.5	-3.4	43.2	36.7	6.49	6.652	
1,800.0	1,767.3	1,801.1	1,754.4	6.4	7.2	-13.23	352.8	-3.1	48.5	41.7	6.79	7.139	
1,900.0	1,864.9	1,901.0	1,850.4	6.8	7.7	-12.20	380.1	-2.8	53.8	46.7	7.10	7.575	
2,000.0	1,962.4	2,000.8	1,946.5	7.2	8.2	-11.37	407.5	-2.4	59.1	51.7	7.42	7.968	
2,100.0	2,059.9	2,100.7	2,042.5	7.6	8.7	-10.67	434.8	-2.1	64.5	56.7	7.75	8.323	
2,200.0	2,157.4	2,200.5	2,138.5	8.0	9.2	-10.08	462.2	-1.8	69.9	61.8	8.08	8.646	
2,300.0	2,254.9	2,300.4	2,234.6	8.5	9.7	-9.57	489.5	-1.4	75.2	66.8	8.41	8.940	
2,400.0	2,352.4	2,400.2	2,330.6	8.9	10.2	-9.13	516.8	-1.1	80.6	71.8	8.75	9.209	
2,500.0	2,450.0	2,500.1	2,426.7	9.3	10.7	-8.75	544.2	-0.8	86.0	76.9	9.09	9.457	
2,600.0	2,547.5	2,600.0	2,522.7	9.7	11.2	-8.41	571.5	-0.4	91.4	81.9	9.43	9.685	
2,700.0	2,645.0	2,699.8	2,618.7	10.2	11.8	-8.11	598.8	-0.1	96.7	87.0	9.77	9.897	
2,800.0	2,742.5	2,799.7	2,714.8	10.6	12.3	-7.84	626.2	0.2	102.1	92.0	10.12	10.092	
2,900.0	2,840.0	2,899.5	2,810.8	11.0	12.8	-7.60	653.5	0.6	107.5	97.0	10.46	10.275	
3,000.0	2,937.5	2,999.4	2,906.9	11.4	13.3	-7.38	680.8	0.9	112.9	102.1	10.81	10.444	
3,100.0	3,035.1	3,099.2	3,002.9	11.9	13.8	-7.18	708.2	1.2	118.3	107.1	11.16	10.603	
3,200.0	3,132.6	3,199.1	3,098.9	12.3	14.3	-7.00	735.5	1.6	123.7	112.2	11.50	10.752	
3,300.0	3,230.1	3,298.9	3,195.0	12.7	14.8	-6.83	762.8	1.9	129.1	117.2	11.85	10.891	
3,400.0	3,327.6	3,398.8	3,291.0	13.1	15.3	-6.68	790.2	2.2	134.5	122.3	12.20	11.022	
3,500.0	3,425.1	3,498.6	3,387.0	13.6	15.8	-6.53	817.5	2.6	139.9	127.3	12.55	11.146	
3,600.0	3,522.6	3,598.5	3,483.1	14.0	16.3	-6.40	844.8	2.9	145.3	132.4	12.90	11.263	
3,700.0	3,620.2	3,698.3	3,579.1	14.4	16.8	-6.28	872.2	3.2	150.7	137.4	13.25	11.373	
3,800.0	3,717.7	3,798.2	3,675.2	14.8	17.3	-6.17	899.5	3.5	156.1	142.5	13.60	11.477	
3,900.0	3,815.2	3,898.1	3,771.2	15.2	17.8	-6.06	926.8	3.9	161.4	147.5	13.95	11.576	
4,000.0	3,912.7	3,997.9	3,867.2	15.7	18.4	-5.96	954.2	4.2	166.8	152.6	14.30	11.670	
4,100.0	4,010.2	4,097.8	3,963.3	16.1	18.9	-5.87	981.5	4.5	172.2	157.6	14.65	11.759	
4,200.0	4,107.8	4,197.6	4,059.3	16.5	19.4	-5.78	1,008.8	4.9	177.6	162.6	15.00	11.844	
4,300.0	4,205.3	4,297.5	4,155.4	16.9	19.9	-5.70	1,036.2	5.2	183.0	167.7	15.35	11.925	
4,400.0	4,302.8	4,397.3	4,251.4	17.4	20.4	-5.63	1,063.5	5.5	188.4	172.7	15.70	12.003	
4,500.0	4,400.3	4,497.2	4,347.4	17.8	20.9	-5.55	1,090.8	5.9	193.8	177.8	16.05	12.076	
4,600.0	4,497.8	4,597.0	4,443.5	18.2	21.4	-5.48	1,118.2	6.2	199.2	182.8	16.40	12.147	
4,700.0	4,595.3	4,696.9	4,539.5	18.6	21.9	-5.42	1,145.5	6.5	204.6	187.9	16.75	12.215	
4,800.0	4,692.9	4,796.7	4,635.6	19.1	22.4	-5.36	1,172.8	6.9	210.0	192.9	17.11	12.279	
4,900.0	4,790.4	4,896.6	4,731.6	19.5	22.9	-5.30	1,200.2	7.2	215.4	198.0	17.46	12.341	
5,000.0	4,887.9	4,996.4	4,827.6	19.9	23.4	-5.24	1,227.5	7.5	220.8	203.0	17.81	12.401	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF08C-25 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	5,103.0	4,930.4	20.3	23.9	-5.20	1,255.9	7.9	225.6	207.4	18.17	12.413	
5,200.0	5,083.7	5,216.4	5,041.1	20.7	24.4	-5.20	1,280.3	8.2	228.6	210.0	18.52	12.339	
5,300.0	5,182.7	5,330.0	5,153.2	20.9	24.7	-5.19	1,298.2	8.4	230.9	212.0	18.84	12.254	
5,400.0	5,282.4	5,443.8	5,266.4	21.1	24.9	-5.18	1,309.4	8.5	232.4	213.3	19.12	12.157	
5,500.0	5,382.3	5,557.6	5,380.1	21.2	25.0	-5.18	1,313.9	8.6	233.3	213.9	19.36	12.048	
5,600.0	5,482.3	5,660.2	5,482.7	21.2	25.1	116.65	1,313.9	8.5	233.3	213.6	19.69	11.849	
5,700.0	5,582.3	5,760.4	5,582.9	21.3	25.1	116.65	1,313.6	8.0	233.3	213.3	20.03	11.647	
5,800.0	5,682.3	5,860.4	5,682.9	21.4	25.2	116.65	1,313.3	7.5	233.3	213.0	20.38	11.450	
5,900.0	5,782.3	5,960.4	5,782.9	21.5	25.3	116.65	1,313.1	7.0	233.3	212.6	20.72	11.260	
6,000.0	5,882.3	6,060.4	5,882.9	21.5	25.3	116.65	1,312.8	6.5	233.3	212.3	21.07	11.076	
6,100.0	5,982.3	6,160.4	5,982.9	21.6	25.4	116.65	1,312.5	6.0	233.3	211.9	21.41	10.898	
6,200.0	6,082.3	6,260.4	6,082.9	21.7	25.5	116.65	1,312.2	5.5	233.3	211.6	21.76	10.725	
6,300.0	6,182.3	6,360.4	6,182.9	21.8	25.5	116.65	1,311.9	5.0	233.3	211.2	22.10	10.557	
6,400.0	6,282.3	6,460.4	6,282.9	21.9	25.6	116.65	1,311.6	4.5	233.3	210.9	22.45	10.395	
6,500.0	6,382.3	6,560.4	6,382.9	22.0	25.7	116.65	1,311.3	4.1	233.3	210.5	22.79	10.238	
6,600.0	6,482.3	6,660.4	6,482.9	22.0	25.7	116.65	1,311.0	3.6	233.3	210.2	23.14	10.085	
6,700.0	6,582.3	6,760.4	6,582.9	22.1	25.8	116.65	1,310.7	3.1	233.3	209.8	23.48	9.936	
6,800.0	6,682.3	6,860.4	6,682.9	22.2	25.9	116.65	1,310.4	2.6	233.3	209.5	23.83	9.792	
6,900.0	6,782.3	6,960.4	6,782.9	22.3	26.0	116.65	1,310.1	2.1	233.3	209.2	24.17	9.652	
7,000.0	6,882.3	7,060.4	6,882.9	22.4	26.1	116.64	1,309.8	1.6	233.3	208.8	24.52	9.516	
7,100.0	6,982.3	7,160.4	6,982.9	22.5	26.1	116.64	1,309.5	1.1	233.3	208.5	24.87	9.384	
7,200.0	7,082.3	7,260.4	7,082.9	22.6	26.2	116.64	1,309.3	0.6	233.3	208.1	25.21	9.255	
7,300.0	7,182.3	7,360.4	7,182.9	22.7	26.3	116.64	1,309.0	0.1	233.3	207.8	25.56	9.129	
7,400.0	7,282.3	7,460.4	7,282.9	22.8	26.4	116.64	1,308.7	-0.4	233.3	207.4	25.90	9.007	
7,500.0	7,382.3	7,560.4	7,382.9	22.9	26.5	116.64	1,308.4	-0.9	233.3	207.1	26.25	8.888	
7,600.0	7,482.3	7,660.4	7,482.9	23.0	26.5	116.64	1,308.1	-1.4	233.3	206.7	26.60	8.773	
7,700.0	7,582.3	7,760.4	7,582.9	23.1	26.6	116.64	1,307.8	-1.9	233.3	206.4	26.94	8.660	
7,800.0	7,682.3	7,860.4	7,682.9	23.1	26.7	116.64	1,307.5	-2.4	233.3	206.0	27.29	8.550	
7,900.0	7,782.3	7,960.4	7,782.9	23.2	26.8	116.64	1,307.2	-2.9	233.3	205.7	27.64	8.443	
8,000.0	7,882.3	8,060.4	7,882.9	23.3	26.9	116.64	1,306.9	-3.4	233.3	205.3	27.98	8.338	
8,100.0	7,982.3	8,160.4	7,982.9	23.4	27.0	116.64	1,306.6	-3.9	233.3	205.0	28.33	8.236	
8,200.0	8,082.3	8,260.4	8,082.9	23.5	27.1	116.64	1,306.3	-4.4	233.3	204.6	28.68	8.136	
8,300.0	8,182.3	8,360.4	8,182.9	23.7	27.1	116.64	1,306.0	-4.9	233.3	204.3	29.02	8.039	
8,400.0	8,282.3	8,460.4	8,282.9	23.8	27.2	116.64	1,305.8	-5.4	233.3	203.9	29.37	7.944	
8,500.0	8,382.3	8,560.4	8,382.9	23.9	27.3	116.64	1,305.5	-5.8	233.3	203.6	29.72	7.851	
8,600.0	8,482.3	8,660.4	8,482.9	24.0	27.4	116.64	1,305.2	-6.3	233.3	203.2	30.06	7.761	
8,700.0	8,582.3	8,760.4	8,582.9	24.1	27.5	116.64	1,304.9	-6.8	233.3	202.9	30.41	7.672	
8,800.0	8,682.3	8,860.4	8,682.9	24.2	27.6	116.64	1,304.6	-7.3	233.3	202.6	30.76	7.585	
8,900.0	8,782.3	8,960.4	8,782.9	24.3	27.7	116.64	1,304.3	-7.8	233.3	202.2	31.11	7.501	
9,000.0	8,882.3	9,060.4	8,882.9	24.4	27.8	116.64	1,304.0	-8.3	233.3	201.9	31.45	7.418	
9,100.0	8,982.3	9,160.4	8,982.9	24.5	27.9	116.64	1,303.7	-8.8	233.3	201.5	31.80	7.337	
9,200.0	9,082.3	9,260.4	9,082.9	24.6	28.0	116.64	1,303.4	-9.3	233.3	201.2	32.15	7.257	
9,300.0	9,182.3	9,360.4	9,182.9	24.7	28.1	116.64	1,303.1	-9.8	233.3	200.8	32.49	7.180	
9,400.0	9,282.3	9,460.4	9,282.9	24.8	28.2	116.64	1,302.8	-10.3	233.3	200.5	32.84	7.104	
9,500.0	9,382.3	9,560.4	9,382.9	24.9	28.3	116.64	1,302.5	-10.8	233.3	200.1	33.19	7.029	
9,600.0	9,482.3	9,660.4	9,482.9	25.1	28.4	116.64	1,302.2	-11.3	233.3	199.8	33.54	6.956	
9,700.0	9,582.3	9,760.4	9,582.9	25.2	28.5	116.64	1,302.0	-11.8	233.3	199.4	33.89	6.885	
9,800.0	9,682.3	9,860.4	9,682.9	25.3	28.6	116.64	1,301.7	-12.3	233.3	199.1	34.23	6.815	
9,900.0	9,782.2	9,960.4	9,782.9	25.4	28.7	116.64	1,301.4	-12.8	233.3	198.7	34.58	6.747	
10,000.0	9,882.2	10,060.4	9,882.8	25.5	28.8	116.64	1,301.1	-13.3	233.3	198.4	34.93	6.679	
10,100.0	9,982.2	10,160.4	9,982.8	25.6	28.9	116.63	1,300.8	-13.8	233.3	198.0	35.28	6.614	
10,200.0	10,082.2	10,260.4	10,082.8	25.7	29.0	116.63	1,300.5	-14.3	233.3	197.7	35.62	6.549	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF08C-25 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	10,182.2	10,360.4	10,182.8	25.9	29.1	116.63	1,300.2	-14.8	233.3	197.3	35.97	6.486	
10,308.8	10,191.0	10,369.1	10,191.6	25.9	29.1	116.63	1,300.2	-14.8	233.3	197.3	36.00	6.480	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF11A-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-151.64	-126.2	-68.2	143.5				
100.0	100.0	100.0	100.0	0.1	0.1	-151.64	-126.2	-68.2	143.5	143.2	0.27	526.933	CC
200.0	200.0	200.0	200.0	0.3	0.3	-151.64	-126.2	-68.2	143.5	142.8	0.62	230.903	ES
300.0	300.0	303.7	303.6	0.5	0.5	-154.38	-126.2	-65.3	144.5	143.5	0.99	146.588	
400.0	399.6	406.5	406.1	0.7	0.7	-158.54	-126.1	-57.0	148.2	146.8	1.39	106.793	
500.0	498.8	507.7	506.3	1.0	1.0	-164.83	-125.8	-43.4	155.9	154.0	1.85	84.334	
600.0	597.1	606.4	603.3	1.4	1.4	-172.34	-125.5	-25.1	169.4	167.0	2.37	71.405	
700.0	694.6	702.3	696.6	1.8	1.8	179.89	-125.1	-2.5	188.9	185.9	2.97	63.515	
800.0	792.2	795.8	786.2	2.2	2.4	172.49	-124.7	24.0	211.7	208.1	3.66	57.786	
900.0	889.7	886.5	871.8	2.6	2.9	165.63	-124.2	53.9	238.4	234.0	4.44	53.740	
1,000.0	987.2	974.2	953.1	3.0	3.6	159.42	-123.6	86.6	269.3	264.0	5.27	51.084	
1,100.0	1,084.7	1,058.6	1,030.0	3.4	4.3	153.89	-123.0	121.6	304.5	298.4	6.13	49.654	
1,200.0	1,182.2	1,145.2	1,107.7	3.8	5.0	148.88	-122.4	159.9	343.4	336.4	7.01	48.971	
1,300.0	1,279.7	1,233.1	1,186.4	4.2	5.7	144.77	-121.7	198.8	384.4	376.5	7.88	48.787	SF
1,400.0	1,377.3	1,320.9	1,265.2	4.7	6.5	141.42	-121.1	237.7	426.8	418.0	8.72	48.922	
1,500.0	1,474.8	1,408.7	1,343.9	5.1	7.2	138.64	-120.4	276.6	470.2	460.7	9.55	49.237	
1,600.0	1,572.3	1,496.5	1,422.6	5.5	8.0	136.32	-119.7	315.4	514.4	504.1	10.36	49.649	
1,700.0	1,669.8	1,584.3	1,501.4	5.9	8.7	134.36	-119.1	354.3	559.2	548.1	11.16	50.110	
1,800.0	1,767.3	1,672.1	1,580.1	6.4	9.5	132.68	-118.4	393.2	604.5	592.6	11.95	50.591	
1,900.0	1,864.9	1,760.0	1,658.8	6.8	10.2	131.23	-117.8	432.1	650.2	637.4	12.73	51.074	
2,000.0	1,962.4	1,847.8	1,737.6	7.2	11.0	129.96	-117.1	471.0	696.1	682.6	13.50	51.548	
2,100.0	2,059.9	1,935.6	1,816.3	7.6	11.7	128.85	-116.4	509.9	742.3	728.0	14.27	52.007	
2,200.0	2,157.4	2,023.4	1,895.0	8.0	12.5	127.87	-115.8	548.8	788.6	773.6	15.04	52.449	
2,300.0	2,254.9	2,111.2	1,973.8	8.5	13.3	127.00	-115.1	587.7	835.2	819.4	15.80	52.871	
2,400.0	2,352.4	2,199.1	2,052.5	8.9	14.0	126.21	-114.5	626.6	881.9	865.3	16.55	53.272	
2,500.0	2,450.0	2,286.9	2,131.2	9.3	14.8	125.51	-113.8	665.5	928.6	911.3	17.31	53.654	
2,600.0	2,547.5	2,374.7	2,210.0	9.7	15.5	124.87	-113.1	704.4	975.5	957.5	18.06	54.016	
2,700.0	2,645.0	2,462.5	2,288.7	10.2	16.3	124.29	-112.5	743.3	1,022.5	1,003.7	18.81	54.360	
2,800.0	2,742.5	2,550.3	2,367.4	10.6	17.0	123.76	-111.8	782.1	1,069.6	1,050.0	19.56	54.686	
2,900.0	2,840.0	2,638.1	2,446.2	11.0	17.8	123.27	-111.1	821.0	1,116.7	1,096.4	20.31	54.995	
3,000.0	2,937.5	2,726.0	2,524.9	11.4	18.5	122.83	-110.5	859.9	1,163.9	1,142.8	21.05	55.289	
3,100.0	3,035.1	2,813.8	2,603.6	11.9	19.3	122.41	-109.8	898.8	1,211.1	1,189.3	21.80	55.567	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF11C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-145.78	-132.0	-89.8	159.6				
100.0	100.0	100.0	100.0	0.1	0.1	-145.78	-132.0	-89.8	159.6	159.3	0.27	586.253	
200.0	200.0	200.0	200.0	0.3	0.3	-145.78	-132.0	-89.8	159.6	159.0	0.62	256.898	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-147.54	-132.0	-89.8	161.8	160.9	0.97	166.444	
400.0	399.6	400.1	400.1	0.7	0.7	-148.93	-132.0	-89.6	168.5	167.1	1.33	126.488	
500.0	498.8	500.6	500.5	1.0	0.8	-152.20	-133.4	-85.9	179.2	177.4	1.71	104.860	
600.0	597.1	599.0	598.5	1.4	1.1	-157.14	-136.5	-77.5	194.7	192.6	2.11	92.362	
700.0	694.6	694.7	693.2	1.8	1.3	-162.97	-141.2	-64.7	215.3	212.8	2.54	84.806	
800.0	792.2	788.0	784.8	2.2	1.7	-168.85	-147.4	-48.0	238.6	235.6	3.01	79.271	
900.0	889.7	878.6	872.8	2.6	2.1	-174.51	-154.8	-27.8	265.0	261.5	3.53	75.173	
1,000.0	987.2	966.4	957.0	3.0	2.5	-179.83	-163.4	-4.5	295.1	291.0	4.09	72.188	
1,100.0	1,084.7	1,051.0	1,037.0	3.4	3.0	175.29	-172.9	21.3	329.1	324.4	4.69	70.114	
1,200.0	1,182.2	1,132.3	1,112.6	3.8	3.6	170.87	-183.2	49.3	367.1	361.8	5.33	68.817	
1,300.0	1,279.7	1,210.3	1,183.9	4.2	4.2	166.90	-194.1	78.9	409.1	403.1	5.99	68.247	
1,400.0	1,377.3	1,290.3	1,255.9	4.7	4.8	163.18	-206.2	111.7	454.6	447.9	6.69	67.971	
1,500.0	1,474.8	1,374.7	1,331.7	5.1	5.5	159.87	-219.1	146.6	501.9	494.5	7.40	67.794	SF
1,600.0	1,572.3	1,459.1	1,407.4	5.5	6.2	157.10	-231.9	181.5	550.4	542.3	8.11	67.873	
1,700.0	1,669.8	1,543.4	1,483.1	5.9	6.9	154.76	-244.8	216.4	599.7	590.9	8.81	68.112	
1,800.0	1,767.3	1,627.8	1,558.8	6.4	7.6	152.75	-257.6	251.3	649.8	640.3	9.49	68.454	
1,900.0	1,864.9	1,712.2	1,634.6	6.8	8.3	151.02	-270.5	286.2	700.4	690.2	10.17	68.857	
2,000.0	1,962.4	1,796.5	1,710.3	7.2	9.0	149.52	-283.4	321.1	751.4	740.6	10.84	69.295	
2,100.0	2,059.9	1,880.9	1,786.0	7.6	9.8	148.20	-296.2	356.0	802.8	791.3	11.51	69.749	
2,200.0	2,157.4	1,965.3	1,861.8	8.0	10.5	147.03	-309.1	390.9	854.4	842.3	12.17	70.208	
2,300.0	2,254.9	2,049.6	1,937.5	8.5	11.2	146.00	-321.9	425.8	906.3	893.5	12.83	70.665	
2,400.0	2,352.4	2,134.0	2,013.2	8.9	11.9	145.07	-334.8	460.7	958.4	944.9	13.48	71.114	
2,500.0	2,450.0	2,218.4	2,088.9	9.3	12.6	144.24	-347.6	495.6	1,010.7	996.5	14.13	71.552	
2,600.0	2,547.5	2,302.7	2,164.7	9.7	13.3	143.49	-360.5	530.5	1,063.1	1,048.3	14.77	71.975	
2,700.0	2,645.0	2,387.1	2,240.4	10.2	14.0	142.81	-373.3	565.4	1,115.6	1,100.2	15.41	72.384	
2,800.0	2,742.5	2,471.5	2,316.1	10.6	14.7	142.18	-386.2	600.3	1,168.2	1,152.2	16.05	72.777	
2,900.0	2,840.0	2,555.8	2,391.8	11.0	15.5	141.62	-399.0	635.2	1,220.9	1,204.3	16.69	73.156	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF11D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-144.94	-138.6	-97.3	169.3				
100.0	100.0	100.0	100.0	0.1	0.1	-144.94	-138.6	-97.3	169.3	169.1	0.27	621.905	
200.0	200.0	200.0	200.0	0.3	0.3	-144.94	-138.6	-97.3	169.3	168.7	0.62	272.520	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-146.68	-138.6	-97.3	171.5	170.5	0.97	176.384	
400.0	399.6	399.6	399.6	0.7	0.7	-147.96	-138.6	-97.3	178.1	176.8	1.33	133.732	
500.0	498.8	494.9	494.8	1.0	0.8	-150.45	-140.5	-95.9	190.3	188.6	1.70	112.067	
600.0	597.1	590.2	589.9	1.4	1.0	-154.38	-146.1	-91.7	209.6	207.5	2.08	100.817	
700.0	694.6	686.7	685.7	1.8	1.3	-159.40	-153.6	-83.1	233.3	230.8	2.48	93.987	
800.0	792.2	781.2	778.9	2.2	1.5	-164.55	-162.3	-70.2	258.7	255.8	2.91	88.912	
900.0	889.7	873.5	869.1	2.6	1.9	-169.62	-172.0	-53.3	286.2	282.9	3.37	84.952	
1,000.0	987.2	963.2	955.8	3.0	2.3	-174.50	-182.7	-32.9	316.4	312.5	3.87	81.806	
1,100.0	1,084.7	1,049.9	1,038.6	3.4	2.8	-179.10	-194.0	-9.5	349.6	345.2	4.41	79.328	
1,200.0	1,182.2	1,133.6	1,117.2	3.8	3.3	176.61	-206.0	16.5	386.1	381.1	4.99	77.446	
1,300.0	1,279.7	1,214.1	1,191.6	4.2	3.9	172.66	-218.4	44.6	426.0	420.4	5.60	76.123	
1,400.0	1,377.3	1,291.2	1,261.6	4.7	4.5	169.06	-231.0	74.3	469.5	463.2	6.24	75.231	
1,500.0	1,474.8	1,365.0	1,327.3	5.1	5.1	165.80	-243.9	105.3	516.3	509.4	6.91	74.693	
1,600.0	1,572.3	1,435.5	1,388.8	5.5	5.8	162.86	-256.7	137.1	566.5	558.9	7.59	74.626	SF
1,700.0	1,669.8	1,505.6	1,448.8	5.9	6.5	160.09	-270.2	171.0	619.8	611.5	8.28	74.826	
1,800.0	1,767.3	1,580.4	1,511.9	6.4	7.3	157.43	-284.8	208.2	675.4	666.4	9.00	75.037	
1,900.0	1,864.9	1,658.7	1,578.1	6.8	8.1	155.02	-300.1	247.1	732.0	722.3	9.73	75.241	
2,000.0	1,962.4	1,737.0	1,644.3	7.2	8.9	152.93	-315.4	286.1	789.4	779.0	10.44	75.588	
2,100.0	2,059.9	1,815.3	1,710.5	7.6	9.7	151.10	-330.7	325.1	847.6	836.4	11.15	76.030	
2,200.0	2,157.4	1,893.7	1,776.7	8.0	10.5	149.49	-346.0	364.1	906.2	894.4	11.84	76.530	
2,300.0	2,254.9	1,972.0	1,842.9	8.5	11.3	148.07	-361.3	403.1	965.3	952.8	12.53	77.065	
2,400.0	2,352.4	2,050.3	1,909.1	8.9	12.2	146.80	-376.6	442.1	1,024.8	1,011.6	13.20	77.622	
2,500.0	2,450.0	2,128.7	1,975.3	9.3	13.0	145.67	-391.9	481.0	1,084.5	1,070.7	13.87	78.187	
2,600.0	2,547.5	2,207.0	2,041.5	9.7	13.8	144.65	-407.2	520.0	1,144.5	1,130.0	14.53	78.752	
2,700.0	2,645.0	2,285.3	2,107.7	10.2	14.6	143.73	-422.5	559.0	1,204.8	1,189.6	15.19	79.310	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF11F-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-149.20	-139.5	-83.1	162.4				
100.0	100.0	100.0	100.0	0.1	0.1	-149.20	-139.5	-83.1	162.4	162.1	0.27	596.402	
200.0	200.0	200.0	200.0	0.3	0.3	-149.20	-139.5	-83.1	162.4	161.8	0.62	261.345	CC, ES
300.0	300.0	300.8	300.8	0.5	0.5	-151.15	-139.7	-82.5	164.5	163.6	0.97	168.971	
400.0	399.6	401.6	401.4	0.7	0.7	-154.11	-141.5	-77.5	170.7	169.3	1.35	126.451	
500.0	498.8	500.6	499.9	1.0	0.9	-159.04	-144.9	-67.7	181.7	180.0	1.77	102.711	
600.0	597.1	596.7	594.8	1.4	1.2	-165.07	-149.9	-53.5	199.2	197.0	2.23	89.177	
700.0	694.6	689.6	685.7	1.8	1.6	-171.44	-156.2	-35.6	223.2	220.4	2.74	81.335	
800.0	792.2	779.7	772.9	2.2	2.0	-177.46	-163.7	-14.3	250.8	247.5	3.30	76.068	
900.0	889.7	866.8	856.1	2.6	2.5	177.01	-172.3	10.0	282.4	278.5	3.89	72.596	
1,000.0	987.2	950.7	935.1	3.0	3.1	172.03	-181.7	36.7	318.0	313.4	4.52	70.409	
1,100.0	1,084.7	1,031.3	1,009.7	3.4	3.7	167.60	-191.9	65.5	357.6	352.4	5.17	69.198	
1,200.0	1,182.2	1,108.6	1,079.9	3.8	4.3	163.68	-202.6	95.8	401.2	395.4	5.84	68.763	SF
1,300.0	1,279.7	1,182.4	1,145.8	4.2	4.9	160.23	-213.7	127.3	448.6	442.1	6.52	68.809	
1,400.0	1,377.3	1,252.8	1,207.4	4.7	5.6	157.21	-225.0	159.5	499.6	492.4	7.21	69.317	
1,500.0	1,474.8	1,319.9	1,264.8	5.1	6.3	154.54	-236.5	192.2	553.9	546.0	7.88	70.267	
1,600.0	1,572.3	1,383.7	1,318.3	5.5	7.0	152.20	-248.1	225.0	611.3	602.7	8.55	71.483	
1,700.0	1,669.8	1,444.3	1,368.0	5.9	7.7	150.12	-259.6	257.7	671.5	662.3	9.21	72.892	
1,800.0	1,767.3	1,500.0	1,412.6	6.4	8.4	148.35	-270.7	289.1	734.4	724.6	9.84	74.663	
1,900.0	1,864.9	1,556.5	1,457.0	6.8	9.1	146.65	-282.4	322.1	799.7	789.2	10.49	76.263	
2,000.0	1,962.4	1,600.0	1,490.4	7.2	9.7	145.43	-291.6	348.4	867.3	856.3	11.04	78.563	
2,100.0	2,059.9	1,657.6	1,533.6	7.6	10.5	143.89	-304.3	384.3	936.9	925.2	11.70	80.055	
2,200.0	2,157.4	1,700.0	1,564.7	8.0	11.1	142.82	-313.9	411.5	1,008.4	996.2	12.26	82.276	
2,300.0	2,254.9	1,754.8	1,603.9	8.5	11.9	141.51	-326.6	447.6	1,081.6	1,068.8	12.89	83.928	
2,400.0	2,352.4	1,819.4	1,650.0	8.9	12.8	140.12	-341.6	490.3	1,155.5	1,142.0	13.57	85.180	
2,500.0	2,450.0	1,884.1	1,696.0	9.3	13.8	138.89	-356.7	533.1	1,229.7	1,215.5	14.23	86.408	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF12A-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-150.34	-132.9	-75.6	152.9				
100.0	100.0	100.0	100.0	0.1	0.1	-150.34	-132.9	-75.6	152.9	152.6	0.27	561.535	
200.0	200.0	200.0	200.0	0.3	0.3	-150.34	-132.9	-75.6	152.9	152.3	0.62	246.066	CC, ES
300.0	300.0	302.4	302.4	0.5	0.5	-152.62	-133.0	-74.1	154.6	153.6	0.98	157.979	
400.0	399.6	404.8	404.5	0.7	0.7	-156.18	-133.8	-67.2	159.3	157.9	1.37	116.519	
500.0	498.8	505.5	504.5	1.0	1.0	-161.81	-135.1	-55.2	168.2	166.4	1.81	93.019	
600.0	597.1	603.6	601.1	1.4	1.3	-168.66	-136.9	-38.5	182.9	180.6	2.30	79.406	
700.0	694.6	698.8	693.9	1.8	1.7	-175.85	-139.1	-17.5	203.7	200.8	2.86	71.136	
800.0	792.2	791.4	783.1	2.2	2.2	177.28	-141.8	7.2	227.8	224.3	3.50	65.159	
900.0	889.7	881.2	868.3	2.6	2.8	170.90	-144.8	35.3	255.8	251.6	4.20	60.958	
1,000.0	987.2	968.0	949.4	3.0	3.3	165.10	-148.1	66.3	287.8	282.9	4.93	58.356	
1,100.0	1,084.7	1,057.6	1,032.4	3.4	4.0	159.93	-151.7	99.9	323.1	317.4	5.70	56.659	
1,200.0	1,182.2	1,147.2	1,115.4	3.8	4.6	155.73	-155.3	133.5	360.5	354.0	6.47	55.707	
1,300.0	1,279.7	1,236.8	1,198.3	4.2	5.2	152.29	-158.9	167.1	399.3	392.1	7.23	55.205	
1,400.0	1,377.3	1,326.4	1,281.3	4.7	5.9	149.43	-162.5	200.8	439.2	431.2	7.99	54.986	
1,500.0	1,474.8	1,416.0	1,364.3	5.1	6.5	147.04	-166.2	234.4	479.8	471.1	8.73	54.945	SF
1,600.0	1,572.3	1,505.6	1,447.2	5.5	7.2	145.01	-169.8	268.0	521.1	511.6	9.47	55.016	
1,700.0	1,669.8	1,595.2	1,530.2	5.9	7.8	143.28	-173.4	301.7	562.9	552.7	10.20	55.157	
1,800.0	1,767.3	1,684.8	1,613.2	6.4	8.5	141.78	-177.0	335.3	605.0	594.1	10.93	55.341	
1,900.0	1,864.9	1,774.4	1,696.1	6.8	9.1	140.47	-180.6	368.9	647.4	635.8	11.66	55.550	
2,000.0	1,962.4	1,864.0	1,779.1	7.2	9.7	139.32	-184.2	402.6	690.1	677.8	12.37	55.773	
2,100.0	2,059.9	1,953.6	1,862.1	7.6	10.4	138.30	-187.8	436.2	733.0	719.9	13.09	56.001	
2,200.0	2,157.4	2,043.2	1,945.0	8.0	11.0	137.39	-191.4	469.8	776.1	762.3	13.80	56.230	
2,300.0	2,254.9	2,132.8	2,028.0	8.5	11.7	136.58	-195.1	503.4	819.3	804.8	14.51	56.456	
2,400.0	2,352.4	2,222.4	2,111.0	8.9	12.3	135.84	-198.7	537.1	862.6	847.4	15.22	56.677	
2,500.0	2,450.0	2,312.0	2,193.9	9.3	13.0	135.18	-202.3	570.7	906.1	890.1	15.93	56.892	
2,600.0	2,547.5	2,401.6	2,276.9	9.7	13.6	134.58	-205.9	604.3	949.6	932.9	16.63	57.099	
2,700.0	2,645.0	2,491.2	2,359.9	10.2	14.3	134.03	-209.5	638.0	993.2	975.8	17.33	57.299	
2,800.0	2,742.5	2,580.8	2,442.8	10.6	14.9	133.52	-213.1	671.6	1,036.9	1,018.8	18.04	57.491	
2,900.0	2,840.0	2,670.4	2,525.8	11.0	15.6	133.06	-216.7	705.2	1,080.6	1,061.8	18.74	57.675	
3,000.0	2,937.5	2,760.0	2,608.8	11.4	16.2	132.63	-220.3	738.9	1,124.4	1,104.9	19.44	57.852	
3,100.0	3,035.1	2,849.6	2,691.7	11.9	16.9	132.23	-223.9	772.5	1,168.2	1,148.1	20.13	58.021	
3,200.0	3,132.6	2,939.2	2,774.7	12.3	17.5	131.87	-227.6	806.1	1,212.1	1,191.2	20.83	58.183	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF12B-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-146.73	-125.4	-82.3	150.0				
100.0	100.0	100.0	100.0	0.1	0.1	-146.73	-125.4	-82.3	150.0	149.7	0.27	550.754	
200.0	200.0	200.0	200.0	0.3	0.3	-146.73	-125.4	-82.3	150.0	149.3	0.62	241.342	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-148.51	-125.4	-82.3	152.2	151.2	0.97	156.550	
400.0	399.6	400.7	400.7	0.7	0.7	-150.14	-125.6	-81.6	158.8	157.4	1.33	119.166	
500.0	498.8	501.4	501.2	1.0	0.9	-153.97	-127.1	-76.5	169.2	167.5	1.71	98.808	
600.0	597.1	599.9	599.2	1.4	1.1	-159.45	-130.0	-66.6	184.5	182.4	2.12	87.084	
700.0	694.6	695.7	693.8	1.8	1.4	-165.74	-134.2	-52.3	205.1	202.5	2.56	79.962	
800.0	792.2	789.1	785.3	2.2	1.7	-171.97	-139.6	-34.1	228.4	225.3	3.06	74.667	
900.0	889.7	879.9	873.2	2.6	2.1	-177.91	-146.1	-12.2	255.0	251.4	3.61	70.708	
1,000.0	987.2	967.8	957.1	3.0	2.6	176.56	-153.4	12.7	285.3	281.1	4.21	67.808	
1,100.0	1,084.7	1,054.4	1,038.6	3.4	3.2	171.45	-161.7	40.7	319.5	314.7	4.84	66.042	
1,200.0	1,182.2	1,143.8	1,122.5	3.8	3.7	166.99	-170.5	70.5	356.3	350.8	5.50	64.745	
1,300.0	1,279.7	1,233.3	1,206.4	4.2	4.3	163.33	-179.3	100.2	394.7	388.5	6.17	63.948	
1,400.0	1,377.3	1,322.7	1,290.3	4.7	4.9	160.29	-188.1	130.0	434.3	427.5	6.84	63.477	
1,500.0	1,474.8	1,412.2	1,374.2	5.1	5.4	157.74	-196.9	159.7	474.8	467.3	7.51	63.226	
1,600.0	1,572.3	1,501.7	1,458.1	5.5	6.0	155.59	-205.7	189.5	516.0	507.9	8.18	63.124	
1,700.0	1,669.8	1,591.1	1,542.0	5.9	6.6	153.74	-214.5	219.2	557.8	549.0	8.84	63.122	SF
1,800.0	1,767.3	1,680.6	1,625.9	6.4	7.2	152.14	-223.3	249.0	600.0	590.5	9.50	63.188	
1,900.0	1,864.9	1,770.0	1,709.8	6.8	7.8	150.75	-232.1	278.7	642.5	632.3	10.15	63.300	
2,000.0	1,962.4	1,859.5	1,793.7	7.2	8.4	149.53	-240.8	308.5	685.3	674.5	10.80	63.442	
2,100.0	2,059.9	1,948.9	1,877.6	7.6	9.0	148.45	-249.6	338.2	728.3	716.9	11.45	63.602	
2,200.0	2,157.4	2,038.4	1,961.5	8.0	9.5	147.49	-258.4	368.0	771.5	759.4	12.10	63.774	
2,300.0	2,254.9	2,127.8	2,045.4	8.5	10.1	146.63	-267.2	397.7	814.9	802.1	12.74	63.952	
2,400.0	2,352.4	2,217.3	2,129.3	8.9	10.7	145.86	-276.0	427.5	858.4	845.0	13.38	64.132	
2,500.0	2,450.0	2,306.8	2,213.2	9.3	11.3	145.16	-284.8	457.2	902.0	888.0	14.03	64.312	
2,600.0	2,547.5	2,396.2	2,297.1	9.7	11.9	144.52	-293.6	487.0	945.7	931.1	14.67	64.489	
2,700.0	2,645.0	2,485.7	2,381.0	10.2	12.5	143.94	-302.4	516.8	989.6	974.3	15.30	64.662	
2,800.0	2,742.5	2,575.1	2,464.9	10.6	13.1	143.41	-311.2	546.5	1,033.4	1,017.5	15.94	64.831	
2,900.0	2,840.0	2,664.6	2,548.8	11.0	13.7	142.92	-320.0	576.3	1,077.4	1,060.8	16.58	64.996	
3,000.0	2,937.5	2,754.0	2,632.7	11.4	14.3	142.47	-328.8	606.0	1,121.4	1,104.2	17.21	65.155	
3,100.0	3,035.1	2,843.5	2,716.7	11.9	14.8	142.06	-337.6	635.8	1,165.5	1,147.6	17.85	65.309	
3,200.0	3,132.6	2,932.9	2,800.6	12.3	15.4	141.67	-346.4	665.5	1,209.6	1,191.1	18.48	65.457	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF12C-19 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	48.57	19.8	22.5	30.0				
100.0	100.0	100.0	100.0	0.1	0.1	48.57	19.8	22.5	30.0	29.7	0.27	110.172	
200.0	200.0	200.0	200.0	0.3	0.3	48.57	19.8	22.5	30.0	29.4	0.62	48.278	
300.0	300.0	299.3	299.3	0.5	0.5	50.49	20.4	22.7	28.8	27.9	0.97	29.597	
377.0	376.8	375.4	375.3	0.7	0.6	55.39	23.7	23.9	28.4	27.1	1.27	22.316	CC
400.0	399.6	398.1	397.9	0.7	0.7	57.15	25.2	24.5	28.4	27.1	1.36	20.875	ES
500.0	498.8	496.9	496.2	1.0	0.9	65.83	34.8	27.9	29.8	27.9	1.85	16.123	
600.0	597.1	595.7	593.8	1.4	1.2	74.86	49.2	33.2	33.2	30.7	2.49	13.330	
700.0	694.6	694.5	690.5	1.8	1.6	80.85	68.2	40.1	39.2	35.9	3.26	11.993	
800.0	792.2	793.1	785.8	2.2	2.1	79.81	91.9	48.7	47.6	43.5	4.07	11.688	SF
900.0	889.7	891.0	879.0	2.6	2.6	74.75	120.0	58.9	58.7	53.9	4.86	12.086	
1,000.0	987.2	988.1	969.9	3.0	3.3	68.07	152.3	70.4	73.1	67.5	5.56	13.144	
1,100.0	1,084.7	1,083.8	1,057.7	3.4	4.0	61.02	188.6	82.2	90.9	84.7	6.15	14.776	
1,200.0	1,182.2	1,177.6	1,141.7	3.8	4.7	54.47	228.4	94.2	112.7	106.1	6.62	17.029	
1,300.0	1,279.7	1,269.1	1,221.7	4.2	5.5	48.78	271.1	106.4	139.0	132.0	7.00	19.862	
1,400.0	1,377.3	1,357.9	1,297.2	4.7	6.4	44.00	316.1	118.5	169.7	162.4	7.32	23.203	
1,500.0	1,474.8	1,443.7	1,368.1	5.1	7.3	40.04	363.0	130.5	204.9	197.3	7.60	26.972	
1,600.0	1,572.3	1,526.5	1,434.4	5.5	8.2	36.77	411.2	142.4	244.2	236.3	7.85	31.089	
1,700.0	1,669.8	1,606.1	1,496.0	5.9	9.1	34.06	460.2	154.0	287.5	279.4	8.10	35.483	
1,800.0	1,767.3	1,682.3	1,553.1	6.4	10.0	31.80	509.5	165.3	334.5	326.2	8.35	40.073	
1,900.0	1,864.9	1,755.3	1,605.7	6.8	10.9	29.89	558.7	176.3	385.1	376.5	8.59	44.820	
2,000.0	1,962.4	1,824.9	1,654.1	7.2	11.8	28.28	607.6	186.9	438.9	430.1	8.83	49.693	
2,100.0	2,059.9	1,900.0	1,704.3	7.6	12.8	26.74	662.2	198.5	495.8	486.8	9.07	54.668	
2,200.0	2,157.4	1,954.4	1,739.3	8.0	13.5	25.72	703.0	207.0	555.4	546.1	9.31	59.637	
2,300.0	2,254.9	2,014.5	1,776.5	8.5	14.4	24.70	749.2	216.3	617.6	608.1	9.55	64.672	
2,400.0	2,352.4	2,071.6	1,810.5	8.9	15.2	23.80	794.2	225.3	682.3	672.5	9.79	69.708	
2,500.0	2,450.0	2,141.1	1,850.7	9.3	16.2	22.82	849.9	236.2	748.6	738.6	10.03	74.661	
2,600.0	2,547.5	2,215.2	1,893.5	9.7	17.3	21.94	909.3	247.9	815.1	804.8	10.28	79.300	
2,700.0	2,645.0	2,289.4	1,936.3	10.2	18.4	21.19	968.7	259.6	881.7	871.2	10.54	83.639	
2,800.0	2,742.5	2,363.5	1,979.2	10.6	19.4	20.55	1,028.0	271.3	948.4	937.6	10.81	87.703	
2,900.0	2,840.0	2,437.6	2,022.0	11.0	20.5	19.99	1,087.4	283.0	1,015.1	1,004.0	11.09	91.519	
3,000.0	2,937.5	2,511.8	2,064.8	11.4	21.6	19.49	1,146.8	294.6	1,081.9	1,070.5	11.38	95.108	
3,100.0	3,035.1	2,585.9	2,107.6	11.9	22.6	19.06	1,206.2	306.3	1,148.7	1,137.0	11.66	98.487	
3,200.0	3,132.6	2,660.1	2,150.5	12.3	23.7	18.67	1,265.6	318.0	1,215.5	1,203.6	11.96	101.674	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF12D-19 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	30.13	27.3	15.9	31.6				
100.0	100.0	100.0	100.0	0.1	0.1	30.13	27.3	15.9	31.6	31.3	0.27	116.115	
133.6	133.6	133.6	133.6	0.2	0.2	30.13	27.3	15.9	31.6	31.2	0.39	81.162	CC, ES
200.0	200.0	199.3	199.3	0.3	0.3	29.47	28.0	15.8	32.1	31.5	0.62	51.813	
300.0	300.0	297.9	297.7	0.5	0.5	25.36	33.0	15.4	34.1	33.2	0.97	35.016	
400.0	399.6	396.3	395.6	0.7	0.8	22.12	43.1	14.5	35.9	34.5	1.34	26.706	
500.0	498.8	494.5	492.7	1.0	1.1	18.45	58.2	13.2	37.4	35.7	1.72	21.758	
600.0	597.1	592.7	588.7	1.4	1.5	14.37	78.2	11.4	38.9	36.8	2.09	18.599	
700.0	694.6	690.6	683.4	1.8	1.9	9.80	103.0	9.4	41.7	39.3	2.43	17.127	SF
800.0	792.2	788.0	776.3	2.2	2.5	6.53	132.3	8.6	49.6	46.8	2.76	17.933	
900.0	889.7	884.3	866.7	2.6	3.1	5.13	165.7	9.3	62.5	59.4	3.10	20.155	
1,000.0	987.2	979.3	954.0	3.0	3.8	4.95	202.8	11.4	80.3	76.9	3.45	23.299	
1,100.0	1,084.7	1,072.3	1,037.8	3.4	4.5	5.37	243.1	14.8	102.9	99.1	3.80	27.047	
1,200.0	1,182.2	1,163.1	1,117.6	3.8	5.3	6.02	286.1	19.5	130.0	125.8	4.16	31.263	
1,300.0	1,279.7	1,251.4	1,193.2	4.2	6.1	6.71	331.3	25.3	161.6	157.0	4.51	35.787	
1,400.0	1,377.3	1,336.8	1,264.3	4.7	7.0	7.38	378.2	32.0	197.4	192.5	4.87	40.528	
1,500.0	1,474.8	1,419.3	1,330.9	5.1	7.9	7.98	426.2	39.6	237.2	232.0	5.22	45.424	
1,600.0	1,572.3	1,500.0	1,394.0	5.5	8.8	8.53	475.8	47.9	280.9	275.3	5.57	50.400	
1,700.0	1,669.8	1,574.6	1,450.5	5.9	9.7	9.00	523.9	56.6	328.1	322.2	5.91	55.483	
1,800.0	1,767.3	1,647.5	1,503.7	6.4	10.5	9.41	572.7	65.7	378.8	372.5	6.25	60.585	
1,900.0	1,864.9	1,717.0	1,552.7	6.8	11.4	9.78	621.1	75.2	432.6	426.0	6.58	65.711	
2,000.0	1,962.4	1,783.4	1,597.8	7.2	12.3	10.10	668.8	84.9	489.4	482.5	6.91	70.833	
2,100.0	2,059.9	1,854.6	1,644.6	7.6	13.3	10.42	721.4	95.9	548.7	541.5	7.25	75.723	
2,200.0	2,157.4	1,934.8	1,697.0	8.0	14.3	10.71	780.8	108.3	608.4	600.8	7.60	80.053	
2,300.0	2,254.9	2,015.0	1,749.4	8.5	15.4	10.95	840.2	120.8	668.1	660.2	7.95	84.025	
2,400.0	2,352.4	2,095.2	1,801.7	8.9	16.5	11.15	899.7	133.3	727.8	719.5	8.30	87.675	
2,500.0	2,450.0	2,175.3	1,854.1	9.3	17.5	11.32	959.1	145.7	787.6	778.9	8.65	91.036	
2,600.0	2,547.5	2,255.5	1,906.5	9.7	18.6	11.47	1,018.5	158.2	847.3	838.3	9.00	94.151	
2,700.0	2,645.0	2,335.7	1,958.9	10.2	19.7	11.60	1,077.9	170.6	907.0	897.7	9.35	97.045	
2,800.0	2,742.5	2,415.9	2,011.3	10.6	20.8	11.71	1,137.3	183.1	966.7	957.1	9.69	99.741	
2,900.0	2,840.0	2,496.1	2,063.7	11.0	21.8	11.81	1,196.8	195.5	1,026.5	1,016.4	10.04	102.256	
3,000.0	2,937.5	2,576.3	2,116.0	11.4	22.9	11.90	1,256.2	208.0	1,086.2	1,075.8	10.38	104.607	
3,100.0	3,035.1	2,656.5	2,168.4	11.9	24.0	11.98	1,315.6	220.4	1,146.0	1,135.2	10.73	106.812	
3,200.0	3,132.6	2,736.6	2,220.8	12.3	25.1	12.05	1,375.0	232.9	1,205.7	1,194.6	11.07	108.886	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF12D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-142.92	-158.5	-119.8	198.6				
100.0	100.0	100.0	100.0	0.1	0.1	-142.92	-158.5	-119.8	198.6	198.3	0.27	729.482	
200.0	200.0	200.0	200.0	0.3	0.3	-142.92	-158.5	-119.8	198.6	198.0	0.62	319.661	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-144.61	-158.5	-119.8	200.7	199.8	0.97	206.385	
400.0	399.6	396.2	396.2	0.7	0.7	-146.03	-159.6	-119.1	207.8	206.5	1.33	156.349	
500.0	498.8	489.4	489.2	1.0	0.8	-148.92	-164.7	-116.4	221.8	220.1	1.71	129.943	
600.0	597.1	579.6	578.8	1.4	1.1	-152.72	-173.4	-111.7	243.5	241.4	2.11	115.581	
700.0	694.6	666.0	664.2	1.8	1.3	-156.99	-185.2	-105.4	272.5	270.0	2.51	108.446	
800.0	792.2	749.4	745.9	2.2	1.6	-161.03	-199.8	-97.5	306.0	303.1	2.92	104.918	
900.0	889.7	833.2	827.3	2.6	2.0	-164.78	-217.5	-88.0	343.5	340.2	3.31	103.850	
1,000.0	987.2	922.9	914.2	3.0	2.4	-168.14	-237.0	-77.5	382.9	379.2	3.70	103.588	SF
1,100.0	1,084.7	1,012.6	1,001.0	3.4	2.8	-170.90	-256.6	-67.0	423.2	419.2	4.07	103.864	
1,200.0	1,182.2	1,102.3	1,087.9	3.8	3.2	-173.18	-276.2	-56.4	464.3	459.9	4.45	104.405	
1,300.0	1,279.7	1,192.0	1,174.8	4.2	3.6	-175.11	-295.8	-45.9	505.9	501.1	4.82	105.055	
1,400.0	1,377.3	1,281.7	1,261.7	4.7	4.0	-176.74	-315.4	-35.4	547.9	542.7	5.18	105.740	
1,500.0	1,474.8	1,371.3	1,348.6	5.1	4.4	-178.15	-335.0	-24.8	590.2	584.7	5.55	106.416	
1,600.0	1,572.3	1,461.0	1,435.5	5.5	4.8	-179.37	-354.6	-14.3	632.8	626.9	5.91	107.061	
1,700.0	1,669.8	1,550.7	1,522.4	5.9	5.2	179.56	-374.2	-3.8	675.6	669.3	6.28	107.665	
1,800.0	1,767.3	1,640.4	1,609.3	6.4	5.7	178.62	-393.8	6.8	718.6	711.9	6.64	108.224	
1,900.0	1,864.9	1,730.1	1,696.2	6.8	6.1	177.78	-413.4	17.3	761.7	754.7	7.00	108.739	
2,000.0	1,962.4	1,819.8	1,783.1	7.2	6.5	177.03	-433.0	27.8	804.9	797.6	7.37	109.213	
2,100.0	2,059.9	1,909.5	1,870.0	7.6	6.9	176.36	-452.6	38.4	848.3	840.5	7.74	109.647	
2,200.0	2,157.4	1,999.2	1,956.9	8.0	7.3	175.75	-472.2	48.9	891.7	883.6	8.10	110.045	
2,300.0	2,254.9	2,088.9	2,043.7	8.5	7.7	175.20	-491.8	59.4	935.2	926.7	8.47	110.411	
2,400.0	2,352.4	2,178.6	2,130.6	8.9	8.2	174.69	-511.3	70.0	978.7	969.9	8.84	110.747	
2,500.0	2,450.0	2,268.3	2,217.5	9.3	8.6	174.23	-530.9	80.5	1,022.3	1,013.1	9.21	111.057	
2,600.0	2,547.5	2,358.0	2,304.4	9.7	9.0	173.81	-550.5	91.0	1,066.0	1,056.4	9.57	111.343	
2,700.0	2,645.0	2,447.7	2,391.3	10.2	9.4	173.42	-570.1	101.6	1,109.7	1,099.8	9.94	111.607	
2,800.0	2,742.5	2,537.4	2,478.2	10.6	9.8	173.06	-589.7	112.1	1,153.5	1,143.1	10.31	111.852	
2,900.0	2,840.0	2,627.1	2,565.1	11.0	10.3	172.72	-609.3	122.6	1,197.2	1,186.6	10.68	112.079	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13A-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-142.37	-165.1	-127.3	208.4				
100.0	100.0	100.0	100.0	0.1	0.1	-142.37	-165.1	-127.3	208.4	208.2	0.27	765.501	
200.0	200.0	200.0	200.0	0.3	0.3	-142.37	-165.1	-127.3	208.4	207.8	0.62	335.444	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-144.05	-165.1	-127.3	210.5	209.6	0.97	216.433	
400.0	399.6	391.2	391.1	0.7	0.7	-145.36	-167.2	-127.3	218.9	217.5	1.32	165.613	
500.0	498.8	480.4	480.1	1.0	0.8	-147.63	-173.6	-127.3	235.6	233.9	1.69	139.597	
600.0	597.1	570.6	569.7	1.4	1.1	-150.69	-183.9	-126.4	260.6	258.5	2.08	125.362	
700.0	694.6	658.5	656.6	1.8	1.3	-154.49	-197.2	-123.1	291.6	289.1	2.48	117.682	
800.0	792.2	743.6	740.0	2.2	1.6	-158.24	-213.0	-117.5	326.0	323.1	2.87	113.467	
900.0	889.7	825.8	819.8	2.6	2.0	-161.75	-230.9	-109.9	363.8	360.5	3.26	111.528	
1,000.0	987.2	904.8	895.8	3.0	2.4	-164.98	-250.6	-100.5	405.0	401.3	3.64	111.240	SF
1,100.0	1,084.7	989.8	976.7	3.4	2.8	-168.13	-273.6	-88.9	448.9	444.9	4.02	111.629	
1,200.0	1,182.2	1,076.8	1,059.6	3.8	3.3	-170.82	-297.2	-77.0	494.0	489.6	4.40	112.302	
1,300.0	1,279.7	1,163.8	1,142.5	4.2	3.8	-173.07	-320.8	-65.0	539.7	535.0	4.77	113.173	
1,400.0	1,377.3	1,250.7	1,225.3	4.7	4.2	-174.98	-344.4	-53.1	586.1	580.9	5.14	114.115	
1,500.0	1,474.8	1,337.7	1,308.2	5.1	4.7	-176.62	-368.0	-41.2	632.9	627.4	5.50	115.062	
1,600.0	1,572.3	1,424.7	1,391.1	5.5	5.2	-178.04	-391.6	-29.3	680.1	674.2	5.86	115.977	
1,700.0	1,669.8	1,511.7	1,473.9	5.9	5.7	-179.28	-415.2	-17.4	727.5	721.3	6.23	116.842	
1,800.0	1,767.3	1,598.6	1,556.8	6.4	6.2	179.63	-438.8	-5.5	775.2	768.6	6.59	117.651	
1,900.0	1,864.9	1,685.6	1,639.6	6.8	6.7	178.66	-462.3	6.4	823.1	816.1	6.95	118.399	
2,000.0	1,962.4	1,772.6	1,722.5	7.2	7.1	177.80	-485.9	18.3	871.1	863.8	7.31	119.092	
2,100.0	2,059.9	1,859.5	1,805.4	7.6	7.6	177.03	-509.5	30.2	919.3	911.7	7.68	119.732	
2,200.0	2,157.4	1,946.5	1,888.2	8.0	8.1	176.34	-533.1	42.1	967.6	959.6	8.04	120.323	
2,300.0	2,254.9	2,033.5	1,971.1	8.5	8.6	175.70	-556.7	54.0	1,016.0	1,007.6	8.41	120.869	
2,400.0	2,352.4	2,120.5	2,054.0	8.9	9.1	175.13	-580.3	65.9	1,064.5	1,055.8	8.77	121.374	
2,500.0	2,450.0	2,207.4	2,136.8	9.3	9.6	174.61	-603.9	77.8	1,113.1	1,104.0	9.14	121.841	
2,600.0	2,547.5	2,294.4	2,219.7	9.7	10.1	174.13	-627.5	89.7	1,161.7	1,152.2	9.50	122.274	
2,700.0	2,645.0	2,381.4	2,302.5	10.2	10.5	173.68	-651.0	101.7	1,210.4	1,200.6	9.87	122.676	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13B-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-143.52	-151.8	-112.3	188.8				
100.0	100.0	100.0	100.0	0.1	0.1	-143.52	-151.8	-112.3	188.8	188.6	0.27	693.525	
200.0	200.0	200.0	200.0	0.3	0.3	-143.52	-151.8	-112.3	188.8	188.2	0.62	303.904	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-145.23	-151.8	-112.3	191.0	190.0	0.97	196.355	
400.0	399.6	397.8	397.8	0.7	0.7	-146.55	-152.3	-111.9	197.7	196.4	1.33	148.602	
500.0	498.8	492.3	492.2	1.0	0.8	-149.41	-156.2	-109.3	210.8	209.1	1.70	123.674	
600.0	597.1	583.9	583.3	1.4	1.0	-153.34	-163.7	-104.3	231.2	229.1	2.10	110.137	
700.0	694.6	671.8	670.3	1.8	1.3	-157.83	-174.3	-97.2	258.8	256.3	2.50	103.334	
800.0	792.2	756.9	753.8	2.2	1.6	-162.11	-187.7	-88.3	290.6	287.7	2.91	99.842	
900.0	889.7	838.9	833.6	2.6	1.9	-166.00	-203.6	-77.7	326.5	323.2	3.31	98.561	SF
1,000.0	987.2	917.7	909.4	3.0	2.3	-169.49	-221.4	-65.7	366.5	362.8	3.71	98.801	
1,100.0	1,084.7	1,000.0	987.5	3.4	2.8	-172.84	-242.9	-51.3	410.6	406.4	4.12	99.608	
1,200.0	1,182.2	1,065.5	1,048.9	3.8	3.2	-175.29	-261.9	-38.6	458.2	453.7	4.50	101.786	
1,300.0	1,279.7	1,138.7	1,116.5	4.2	3.7	-177.81	-285.2	-23.1	509.3	504.4	4.89	104.110	
1,400.0	1,377.3	1,221.4	1,192.7	4.7	4.3	179.77	-312.0	-5.1	561.9	556.6	5.31	105.868	
1,500.0	1,474.8	1,304.1	1,268.8	5.1	4.9	177.74	-338.8	12.8	615.2	609.4	5.72	107.540	
1,600.0	1,572.3	1,386.8	1,345.0	5.5	5.4	176.03	-365.7	30.8	668.9	662.8	6.13	109.089	
1,700.0	1,669.8	1,469.5	1,421.1	5.9	6.0	174.56	-392.5	48.7	723.0	716.5	6.54	110.525	
1,800.0	1,767.3	1,552.2	1,497.3	6.4	6.6	173.29	-419.3	66.7	777.4	770.4	6.95	111.855	
1,900.0	1,864.9	1,634.9	1,573.4	6.8	7.2	172.18	-446.2	84.6	832.0	824.7	7.36	113.084	
2,000.0	1,962.4	1,717.6	1,649.6	7.2	7.8	171.21	-473.0	102.6	886.9	879.1	7.76	114.218	
2,100.0	2,059.9	1,800.4	1,725.7	7.6	8.4	170.35	-499.8	120.5	941.9	933.7	8.17	115.268	
2,200.0	2,157.4	1,883.1	1,801.9	8.0	9.0	169.58	-526.7	138.5	997.0	988.4	8.58	116.236	
2,300.0	2,254.9	1,965.8	1,878.0	8.5	9.5	168.89	-553.5	156.4	1,052.2	1,043.3	8.98	117.136	
2,400.0	2,352.4	2,048.5	1,954.2	8.9	10.1	168.27	-580.3	174.4	1,107.6	1,098.2	9.39	117.972	
2,500.0	2,450.0	2,131.2	2,030.3	9.3	10.7	167.71	-607.1	192.3	1,163.0	1,153.2	9.79	118.752	
2,600.0	2,547.5	2,213.9	2,106.5	9.7	11.3	167.20	-634.0	210.3	1,218.5	1,208.3	10.20	119.480	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-144.19	-145.2	-104.8	179.1				
100.0	100.0	100.0	100.0	0.1	0.1	-144.19	-145.2	-104.8	179.1	178.8	0.27	657.665	
200.0	200.0	200.0	200.0	0.3	0.3	-144.19	-145.2	-104.8	179.1	178.4	0.62	288.190	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-145.92	-145.2	-104.8	181.2	180.3	0.97	186.355	
400.0	399.6	398.9	398.9	0.7	0.7	-147.18	-145.3	-104.7	187.8	186.5	1.33	141.075	
500.0	498.8	494.3	494.2	1.0	0.8	-149.92	-148.2	-102.5	200.3	198.6	1.70	117.667	
600.0	597.1	587.0	586.6	1.4	1.0	-153.89	-154.5	-97.5	219.8	217.7	2.09	105.110	
700.0	694.6	676.2	675.0	1.8	1.3	-158.50	-163.9	-90.2	246.2	243.7	2.49	98.829	
800.0	792.2	762.7	760.0	2.2	1.6	-162.95	-176.2	-80.7	276.6	273.7	2.90	95.526	
900.0	889.7	846.1	841.3	2.6	1.9	-167.04	-190.9	-69.3	311.1	307.8	3.30	94.220	SF
1,000.0	987.2	926.4	918.8	3.0	2.3	-170.72	-207.6	-56.3	349.6	345.9	3.71	94.296	
1,100.0	1,084.7	1,000.0	988.9	3.4	2.7	-173.85	-225.2	-42.6	392.2	388.1	4.10	95.630	
1,200.0	1,182.2	1,077.3	1,061.5	3.8	3.2	-176.89	-246.0	-26.4	438.4	433.9	4.53	96.855	
1,300.0	1,279.7	1,147.8	1,126.9	4.2	3.7	-179.44	-267.0	-10.1	488.3	483.3	4.94	98.864	
1,400.0	1,377.3	1,215.0	1,188.2	4.7	4.2	178.32	-288.7	6.8	541.5	536.1	5.34	101.309	
1,500.0	1,474.8	1,279.1	1,245.7	5.1	4.7	176.34	-311.1	24.1	597.8	592.0	5.75	103.912	
1,600.0	1,572.3	1,342.3	1,301.4	5.5	5.2	174.54	-334.5	42.4	657.0	650.8	6.15	106.735	
1,700.0	1,669.8	1,419.5	1,369.2	5.9	5.9	172.60	-363.8	65.1	717.5	710.9	6.61	108.602	
1,800.0	1,767.3	1,496.8	1,436.9	6.4	6.6	170.95	-393.1	87.9	778.6	771.5	7.06	110.355	
1,900.0	1,864.9	1,574.0	1,504.7	6.8	7.2	169.53	-422.5	110.7	840.0	832.5	7.50	111.974	
2,000.0	1,962.4	1,651.3	1,572.4	7.2	7.9	168.30	-451.8	133.5	901.7	893.7	7.95	113.490	
2,100.0	2,059.9	1,728.5	1,640.2	7.6	8.6	167.22	-481.1	156.3	963.6	955.2	8.39	114.907	
2,200.0	2,157.4	1,805.8	1,707.9	8.0	9.3	166.27	-510.4	179.1	1,025.8	1,016.9	8.83	116.232	
2,300.0	2,254.9	1,883.0	1,775.6	8.5	10.0	165.43	-539.8	201.9	1,088.0	1,078.8	9.26	117.467	
2,400.0	2,352.4	1,960.3	1,843.4	8.9	10.6	164.67	-569.1	224.7	1,150.4	1,140.7	9.70	118.625	
2,500.0	2,450.0	2,037.6	1,911.1	9.3	11.3	163.99	-598.4	247.5	1,213.0	1,202.8	10.13	119.713	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13D-19 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	21.99	20.7	8.4	22.4				
100.0	100.0	100.0	100.0	0.1	0.1	21.99	20.7	8.4	22.4	22.1	0.27	82.096	
200.0	200.0	200.0	200.0	0.3	0.3	21.99	20.7	8.4	22.4	21.7	0.62	35.975	CC
300.0	300.0	298.9	298.8	0.5	0.5	21.70	23.2	8.8	22.4	21.5	0.97	23.148	
400.0	399.6	397.7	397.4	0.7	0.7	24.65	30.8	10.2	22.7	21.4	1.33	17.138	ES
500.0	498.8	496.6	495.4	1.0	1.0	29.36	43.3	12.4	23.4	21.7	1.72	13.585	
600.0	597.1	595.4	592.6	1.4	1.3	35.45	60.9	15.6	24.5	22.3	2.21	11.096	
700.0	694.6	694.2	688.7	1.8	1.8	40.43	83.3	19.6	27.4	24.6	2.81	9.740	SF
800.0	792.2	792.6	783.1	2.2	2.3	39.71	110.5	24.5	34.6	31.3	3.38	10.245	
900.0	889.7	890.0	875.1	2.6	2.9	36.06	142.1	30.2	46.4	42.5	3.85	12.038	
1,000.0	987.2	986.1	964.1	3.0	3.6	31.97	177.7	36.6	62.7	58.5	4.24	14.797	
1,100.0	1,084.7	1,080.4	1,049.5	3.4	4.3	28.41	216.9	43.7	83.9	79.3	4.59	18.292	
1,200.0	1,182.2	1,172.4	1,131.0	3.8	5.1	25.56	259.2	51.3	109.8	104.9	4.92	22.337	
1,300.0	1,279.7	1,261.9	1,208.0	4.2	5.9	23.32	303.9	59.4	140.3	135.1	5.24	26.789	
1,400.0	1,377.3	1,348.6	1,280.6	4.7	6.8	21.57	350.5	67.8	175.2	169.6	5.55	31.538	
1,500.0	1,474.8	1,432.5	1,348.7	5.1	7.6	20.18	398.7	76.4	214.2	208.3	5.87	36.514	
1,600.0	1,572.3	1,523.6	1,421.6	5.5	8.6	19.04	452.5	86.1	255.1	248.9	6.20	41.184	
1,700.0	1,669.8	1,614.8	1,494.5	5.9	9.6	18.21	506.4	95.8	296.1	289.6	6.54	45.309	
1,800.0	1,767.3	1,705.9	1,567.4	6.4	10.5	17.58	560.2	105.5	337.2	330.3	6.88	48.976	
1,900.0	1,864.9	1,797.0	1,640.3	6.8	11.5	17.09	614.0	115.2	378.3	371.0	7.24	52.258	
2,000.0	1,962.4	1,888.2	1,713.2	7.2	12.5	16.69	667.8	124.9	419.4	411.8	7.60	55.212	
2,100.0	2,059.9	1,979.3	1,786.1	7.6	13.4	16.37	721.7	134.6	460.5	452.5	7.95	57.885	
2,200.0	2,157.4	2,070.4	1,859.0	8.0	14.4	16.10	775.5	144.3	501.6	493.3	8.32	60.316	
2,300.0	2,254.9	2,161.6	1,931.9	8.5	15.4	15.87	829.3	154.0	542.7	534.0	8.68	62.536	
2,400.0	2,352.4	2,252.7	2,004.8	8.9	16.3	15.67	883.2	163.7	583.8	574.8	9.04	64.572	
2,500.0	2,450.0	2,343.8	2,077.7	9.3	17.3	15.50	937.0	173.4	625.0	615.6	9.41	66.445	
2,600.0	2,547.5	2,435.0	2,150.6	9.7	18.3	15.35	990.8	183.1	666.1	656.3	9.77	68.176	
2,700.0	2,645.0	2,526.1	2,223.5	10.2	19.3	15.21	1,044.6	192.8	707.3	697.1	10.14	69.778	
2,800.0	2,742.5	2,617.2	2,296.4	10.6	20.2	15.10	1,098.5	202.5	748.4	737.9	10.50	71.267	
2,900.0	2,840.0	2,708.4	2,369.3	11.0	21.2	14.99	1,152.3	212.2	789.5	778.7	10.87	72.653	
3,000.0	2,937.5	2,799.5	2,442.2	11.4	22.2	14.89	1,206.1	221.9	830.7	819.5	11.23	73.948	
3,100.0	3,035.1	2,890.6	2,515.1	11.9	23.1	14.81	1,259.9	231.6	871.9	860.3	11.60	75.159	
3,200.0	3,132.6	2,981.8	2,588.0	12.3	24.1	14.73	1,313.8	241.2	913.0	901.0	11.97	76.295	
3,300.0	3,230.1	3,072.9	2,660.9	12.7	25.1	14.66	1,367.6	250.9	954.2	941.8	12.33	77.362	
3,400.0	3,327.6	3,164.0	2,733.8	13.1	26.1	14.59	1,421.4	260.6	995.3	982.6	12.70	78.367	
3,500.0	3,425.1	3,255.2	2,806.7	13.6	27.0	14.53	1,475.2	270.3	1,036.5	1,023.4	13.07	79.315	
3,600.0	3,522.6	3,346.3	2,879.6	14.0	28.0	14.47	1,529.1	280.0	1,077.6	1,064.2	13.43	80.211	
3,700.0	3,620.2	3,437.4	2,952.5	14.4	29.0	14.42	1,582.9	289.7	1,118.8	1,105.0	13.80	81.058	
3,800.0	3,717.7	3,528.6	3,025.3	14.8	29.9	14.37	1,636.7	299.4	1,159.9	1,145.8	14.17	81.861	
3,900.0	3,815.2	3,619.7	3,098.2	15.2	30.9	14.33	1,690.5	309.1	1,201.1	1,186.6	14.54	82.624	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-145.72	-165.9	-113.1	200.8				
100.0	100.0	100.0	100.0	0.1	0.1	-145.72	-165.9	-113.1	200.8	200.6	0.27	737.647	
200.0	200.0	200.0	200.0	0.3	0.3	-145.72	-165.9	-113.1	200.8	200.2	0.62	323.239	CC, ES
300.0	300.0	296.7	296.6	0.5	0.5	-147.69	-167.1	-112.4	203.6	202.7	0.97	210.260	
400.0	399.6	391.1	390.9	0.7	0.7	-150.04	-172.1	-109.4	213.2	211.8	1.34	159.301	
500.0	498.8	483.0	482.2	1.0	0.9	-153.59	-180.9	-104.2	230.3	228.5	1.74	132.264	
600.0	597.1	571.3	569.4	1.4	1.2	-157.67	-192.8	-97.1	255.7	253.6	2.16	118.215	
700.0	694.6	655.5	651.8	1.8	1.5	-161.95	-207.4	-88.4	288.8	286.2	2.59	111.687	
800.0	792.2	736.4	730.3	2.2	1.9	-165.87	-224.4	-78.2	326.3	323.3	3.00	108.776	
900.0	889.7	814.2	804.9	2.6	2.3	-169.31	-243.4	-66.9	368.0	364.6	3.40	108.189	SF
1,000.0	987.2	888.6	875.3	3.0	2.8	-172.32	-263.9	-54.6	413.6	409.8	3.80	108.973	
1,100.0	1,084.7	959.8	941.8	3.4	3.2	-174.94	-285.8	-41.6	463.0	458.8	4.19	110.615	
1,200.0	1,182.2	1,027.6	1,004.2	3.8	3.7	-177.22	-308.6	-28.0	515.8	511.2	4.56	113.027	
1,300.0	1,279.7	1,100.0	1,069.7	4.2	4.3	-179.44	-335.1	-12.2	571.8	566.8	4.95	115.419	
1,400.0	1,377.3	1,153.8	1,117.6	4.7	4.7	179.04	-356.1	0.4	630.7	625.4	5.29	119.127	
1,500.0	1,474.8	1,227.5	1,182.5	5.1	5.4	177.18	-386.0	18.2	691.6	685.9	5.69	121.627	
1,600.0	1,572.3	1,304.5	1,250.5	5.5	6.0	175.52	-417.2	36.9	753.1	747.0	6.08	123.779	
1,700.0	1,669.8	1,381.6	1,318.4	5.9	6.7	174.11	-448.5	55.5	814.9	808.4	6.48	125.763	
1,800.0	1,767.3	1,458.7	1,386.3	6.4	7.3	172.89	-479.8	74.2	877.0	870.1	6.87	127.603	
1,900.0	1,864.9	1,535.7	1,454.2	6.8	8.0	171.82	-511.1	92.9	939.3	932.0	7.26	129.308	
2,000.0	1,962.4	1,612.8	1,522.1	7.2	8.7	170.89	-542.4	111.6	1,001.8	994.1	7.65	130.888	
2,100.0	2,059.9	1,689.9	1,590.0	7.6	9.3	170.06	-573.7	130.2	1,064.4	1,056.4	8.04	132.348	
2,200.0	2,157.4	1,766.9	1,657.9	8.0	10.0	169.32	-604.9	148.9	1,127.2	1,118.7	8.43	133.702	
2,300.0	2,254.9	1,844.0	1,725.8	8.5	10.7	168.66	-636.2	167.6	1,190.0	1,181.2	8.82	134.962	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF13E-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-145.04	-172.6	-120.6	210.5				
100.0	100.0	100.0	100.0	0.1	0.1	-145.04	-172.6	-120.6	210.5	210.3	0.27	773.284	
200.0	200.0	200.0	200.0	0.3	0.3	-145.04	-172.6	-120.6	210.5	209.9	0.62	338.855	CC, ES
300.0	300.0	294.1	294.1	0.5	0.5	-147.17	-174.7	-119.8	214.1	213.1	0.97	221.250	
400.0	399.6	386.9	386.6	0.7	0.7	-149.46	-181.0	-117.2	225.0	223.6	1.34	167.913	
500.0	498.8	477.0	476.1	1.0	0.9	-152.74	-191.1	-113.0	243.9	242.1	1.74	140.083	
600.0	597.1	563.3	561.1	1.4	1.2	-156.41	-204.4	-107.6	271.4	269.3	2.16	125.913	
700.0	694.6	645.5	641.4	1.8	1.6	-160.25	-220.4	-101.0	306.7	304.1	2.56	119.614	
800.0	792.2	724.3	717.8	2.2	1.9	-163.74	-238.7	-93.5	346.4	343.4	2.96	117.116	
900.0	889.7	800.0	790.2	2.6	2.3	-166.78	-259.0	-85.2	390.2	386.9	3.33	117.030	SF
1,000.0	987.2	872.3	858.5	3.0	2.8	-169.42	-280.9	-76.2	437.9	434.2	3.71	118.189	
1,100.0	1,084.7	941.4	922.9	3.4	3.3	-171.71	-304.1	-66.7	489.2	485.1	4.06	120.467	
1,200.0	1,182.2	1,000.0	976.8	3.8	3.7	-173.48	-325.3	-58.0	543.8	539.4	4.38	124.092	
1,300.0	1,279.7	1,070.0	1,040.3	4.2	4.2	-175.42	-352.8	-46.8	601.4	596.7	4.74	126.907	
1,400.0	1,377.3	1,129.7	1,093.4	4.7	4.7	-176.92	-377.8	-36.5	661.9	656.8	5.06	130.742	
1,500.0	1,474.8	1,193.5	1,149.4	5.1	5.3	-178.39	-406.2	-24.9	724.8	719.4	5.39	134.419	
1,600.0	1,572.3	1,269.0	1,215.4	5.5	5.9	-179.90	-440.0	-11.0	788.5	782.8	5.75	137.251	
1,700.0	1,669.8	1,344.4	1,281.4	5.9	6.6	178.81	-473.9	2.9	852.5	846.4	6.09	139.890	
1,800.0	1,767.3	1,419.9	1,347.4	6.4	7.2	177.70	-507.7	16.8	916.8	910.3	6.44	142.336	
1,900.0	1,864.9	1,495.4	1,413.4	6.8	7.9	176.72	-541.5	30.6	981.2	974.4	6.79	144.596	
2,000.0	1,962.4	1,570.8	1,479.4	7.2	8.5	175.87	-575.4	44.5	1,045.8	1,038.6	7.13	146.681	
2,100.0	2,059.9	1,646.3	1,545.4	7.6	9.2	175.11	-609.2	58.4	1,110.5	1,103.0	7.47	148.613	
2,200.0	2,157.4	1,721.7	1,611.4	8.0	9.9	174.44	-643.1	72.2	1,175.3	1,167.5	7.81	150.406	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF14A-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-148.18	-146.1	-90.6	171.9				
100.0	100.0	100.0	100.0	0.1	0.1	-148.18	-146.1	-90.6	171.9	171.7	0.27	631.469	
200.0	200.0	200.0	200.0	0.3	0.3	-148.18	-146.1	-90.6	171.9	171.3	0.62	276.711	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-149.88	-146.1	-90.6	174.2	173.2	0.97	179.227	
400.0	399.6	400.5	400.5	0.7	0.7	-151.87	-147.2	-88.2	180.8	179.4	1.34	135.272	
500.0	498.8	499.5	499.1	1.0	0.9	-155.87	-150.4	-81.2	192.1	190.4	1.73	110.920	
600.0	597.1	595.7	594.5	1.4	1.1	-161.12	-155.5	-69.8	209.5	207.4	2.17	96.744	
700.0	694.6	688.7	686.1	1.8	1.5	-166.92	-162.3	-54.7	233.0	230.3	2.64	88.335	
800.0	792.2	779.1	774.1	2.2	1.8	-172.55	-170.6	-36.1	259.9	256.7	3.15	82.596	
900.0	889.7	866.5	858.3	2.6	2.3	-177.81	-180.3	-14.6	290.5	286.8	3.69	78.747	
1,000.0	987.2	950.8	938.3	3.0	2.8	177.38	-191.2	9.5	325.0	320.8	4.26	76.259	
1,100.0	1,084.7	1,031.9	1,014.1	3.4	3.3	173.04	-202.9	35.7	363.6	358.7	4.86	74.794	
1,200.0	1,182.2	1,109.6	1,085.5	3.8	3.9	169.17	-215.5	63.5	406.0	400.6	5.48	74.135	
1,300.0	1,279.7	1,183.8	1,152.6	4.2	4.5	165.74	-228.5	92.6	452.3	446.2	6.11	73.976	SF
1,400.0	1,377.3	1,254.7	1,215.5	4.7	5.2	162.70	-242.0	122.5	502.2	495.4	6.76	74.288	
1,500.0	1,474.8	1,322.3	1,274.2	5.1	5.8	160.02	-255.7	153.0	555.4	548.0	7.40	75.078	
1,600.0	1,572.3	1,386.6	1,328.9	5.5	6.5	157.64	-269.5	183.7	611.9	603.8	8.03	76.176	
1,700.0	1,669.8	1,447.7	1,379.9	5.9	7.2	155.54	-283.4	214.5	671.2	662.5	8.66	77.468	
1,800.0	1,767.3	1,500.0	1,422.6	6.4	7.8	153.85	-295.8	242.0	733.3	724.0	9.24	79.397	
1,900.0	1,864.9	1,560.9	1,471.2	6.8	8.5	152.01	-310.8	275.3	797.8	787.9	9.89	80.704	
2,000.0	1,962.4	1,600.0	1,501.9	7.2	9.0	150.89	-320.7	297.5	864.7	854.3	10.38	83.269	
2,100.0	2,059.9	1,662.8	1,550.1	7.6	9.9	149.18	-337.3	334.3	933.5	922.5	11.06	84.436	
2,200.0	2,157.4	1,700.0	1,577.9	8.0	10.4	148.23	-347.4	356.7	1,004.5	992.9	11.55	86.949	
2,300.0	2,254.9	1,754.7	1,618.0	8.5	11.2	146.90	-362.6	390.6	1,077.1	1,064.9	12.18	88.443	
2,400.0	2,352.4	1,805.1	1,654.1	8.9	11.9	145.74	-377.1	422.8	1,151.5	1,138.7	12.76	90.214	
2,500.0	2,450.0	1,855.6	1,689.7	9.3	12.6	144.65	-391.8	455.4	1,226.9	1,213.6	13.34	91.946	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF14D-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-146.46	-159.3	-105.6	191.2				
100.0	100.0	100.0	100.0	0.1	0.1	-146.46	-159.3	-105.6	191.2	190.9	0.27	702.121	
200.0	200.0	200.0	200.0	0.3	0.3	-146.46	-159.3	-105.6	191.2	190.5	0.62	307.671	CC, ES
300.0	300.0	299.4	299.4	0.5	0.5	-148.31	-159.7	-105.1	193.5	192.5	0.97	199.079	
400.0	399.6	397.5	397.3	0.7	0.7	-150.79	-162.9	-101.2	200.9	199.5	1.34	149.512	
500.0	498.8	493.3	492.6	1.0	0.9	-154.86	-169.1	-93.6	214.4	212.7	1.76	122.049	
600.0	597.1	585.8	584.1	1.4	1.2	-159.80	-177.8	-82.7	235.3	233.1	2.21	106.710	
700.0	694.6	674.6	671.1	1.8	1.5	-165.04	-188.9	-69.1	263.3	260.6	2.67	98.449	
800.0	792.2	760.4	754.3	2.2	1.9	-169.97	-201.9	-52.9	295.4	292.2	3.16	93.619	
900.0	889.7	842.9	833.4	2.6	2.4	-174.43	-216.7	-34.6	331.6	328.0	3.64	91.057	
1,000.0	987.2	922.2	908.4	3.0	2.9	-178.41	-232.9	-14.6	371.9	367.8	4.13	90.012	
1,100.0	1,084.7	1,000.0	980.9	3.4	3.4	177.97	-250.7	7.4	416.1	411.5	4.63	89.840	SF
1,200.0	1,182.2	1,070.6	1,045.6	3.8	3.9	174.95	-268.5	29.4	464.1	459.0	5.13	90.420	
1,300.0	1,279.7	1,139.8	1,108.0	4.2	4.5	172.22	-287.3	52.7	515.7	510.0	5.64	91.463	
1,400.0	1,377.3	1,200.0	1,161.3	4.7	5.0	170.01	-304.8	74.4	570.5	564.4	6.11	93.440	
1,500.0	1,474.8	1,268.4	1,220.8	5.1	5.7	167.69	-326.0	100.6	628.3	621.7	6.64	94.624	
1,600.0	1,572.3	1,328.0	1,271.6	5.5	6.3	165.81	-345.5	124.7	689.0	681.9	7.14	96.565	
1,700.0	1,669.8	1,384.6	1,319.0	5.9	6.9	164.15	-365.0	148.8	752.3	744.7	7.62	98.696	
1,800.0	1,767.3	1,438.3	1,363.1	6.4	7.5	162.67	-384.3	172.7	818.0	809.9	8.11	100.895	
1,900.0	1,864.9	1,500.0	1,412.6	6.8	8.2	161.08	-407.4	201.3	885.9	877.3	8.63	102.654	
2,000.0	1,962.4	1,537.7	1,442.3	7.2	8.7	160.16	-422.0	219.4	955.8	946.7	9.05	105.642	
2,100.0	2,059.9	1,583.7	1,477.9	7.6	9.3	159.10	-440.4	242.0	1,027.5	1,018.0	9.50	108.133	
2,200.0	2,157.4	1,627.3	1,511.0	8.0	9.8	158.13	-458.2	264.1	1,101.0	1,091.1	9.95	110.618	
2,300.0	2,254.9	1,668.7	1,541.8	8.5	10.4	157.26	-475.6	285.7	1,176.1	1,165.7	10.40	113.138	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF15C-30 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-147.27	-152.7	-98.1	181.5				
100.0	100.0	100.0	100.0	0.1	0.1	-147.27	-152.7	-98.1	181.5	181.3	0.27	666.725	
200.0	200.0	200.0	200.0	0.3	0.3	-147.27	-152.7	-98.1	181.5	180.9	0.62	292.161	CC, ES
300.0	300.0	300.0	300.0	0.5	0.5	-149.01	-152.8	-98.0	183.8	182.8	0.97	189.052	
400.0	399.6	399.2	399.1	0.7	0.7	-151.28	-154.9	-94.7	190.7	189.3	1.34	142.419	
500.0	498.8	496.5	496.0	1.0	0.9	-155.35	-159.6	-87.3	203.1	201.3	1.74	116.527	
600.0	597.1	590.8	589.4	1.4	1.2	-160.46	-166.6	-76.1	222.3	220.1	2.18	101.768	
700.0	694.6	681.6	678.5	1.8	1.5	-165.98	-175.8	-61.7	248.2	245.5	2.66	93.465	
800.0	792.2	769.4	763.9	2.2	1.9	-171.24	-186.8	-44.4	277.9	274.8	3.15	88.248	
900.0	889.7	854.2	845.4	2.6	2.3	-176.06	-199.3	-24.5	311.6	308.0	3.66	85.130	
1,000.0	987.2	935.8	922.7	3.0	2.8	179.59	-213.2	-2.5	349.4	345.2	4.19	83.450	
1,100.0	1,084.7	1,014.0	995.7	3.4	3.3	175.71	-228.2	21.2	391.1	386.4	4.72	82.797	
1,200.0	1,182.2	1,088.8	1,064.4	3.8	3.9	172.28	-244.1	46.2	436.7	431.5	5.28	82.776	SF
1,300.0	1,279.7	1,160.3	1,129.0	4.2	4.5	169.24	-260.5	72.2	486.0	480.2	5.84	83.206	
1,400.0	1,377.3	1,228.5	1,189.3	4.7	5.1	166.57	-277.4	98.8	538.7	532.3	6.40	84.149	
1,500.0	1,474.8	1,300.0	1,251.5	5.1	5.8	163.98	-296.3	128.7	594.6	587.6	6.99	85.032	
1,600.0	1,572.3	1,355.0	1,298.4	5.5	6.4	162.13	-311.7	153.1	653.4	645.9	7.52	86.899	
1,700.0	1,669.8	1,413.6	1,347.3	5.9	7.0	160.28	-328.9	180.2	715.0	706.9	8.06	88.663	
1,800.0	1,767.3	1,469.3	1,392.9	6.4	7.7	158.63	-346.0	207.2	779.1	770.5	8.61	90.513	
1,900.0	1,864.9	1,522.1	1,435.3	6.8	8.3	157.17	-362.9	233.8	845.5	836.4	9.14	92.534	
2,000.0	1,962.4	1,572.2	1,474.8	7.2	8.9	155.86	-379.4	260.0	914.1	904.4	9.66	94.631	
2,100.0	2,059.9	1,619.8	1,511.4	7.6	9.5	154.68	-395.7	285.7	984.6	974.4	10.17	96.820	
2,200.0	2,157.4	1,665.0	1,545.5	8.0	10.1	153.61	-411.5	310.7	1,057.0	1,046.3	10.67	99.036	
2,300.0	2,254.9	1,700.0	1,571.4	8.5	10.6	152.83	-424.1	330.6	1,131.0	1,119.9	11.11	101.772	
2,400.0	2,352.4	1,748.7	1,606.7	8.9	11.3	151.78	-442.0	358.9	1,206.6	1,194.9	11.65	103.596	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF16C-24 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	3.54	14.1	0.9	14.1				
100.0	100.0	100.0	100.0	0.1	0.1	3.54	14.1	0.9	14.1	13.9	0.27	51.926	
133.3	133.3	133.3	133.3	0.2	0.2	3.54	14.1	0.9	14.1	13.7	0.39	36.378	CC, ES
200.0	200.0	199.6	199.6	0.3	0.3	3.36	14.8	0.9	14.8	14.2	0.62	23.822	
300.0	300.0	298.8	298.6	0.5	0.5	1.19	19.9	0.8	17.4	16.4	0.97	17.930	
400.0	399.6	397.8	397.1	0.7	0.8	0.05	30.2	0.7	19.9	18.6	1.31	15.127	
500.0	498.8	496.6	494.7	1.0	1.1	-1.27	45.5	0.5	22.3	20.7	1.66	13.477	
600.0	597.1	595.4	591.4	1.4	1.5	-2.73	65.8	0.3	24.8	22.8	2.00	12.376	
700.0	694.6	693.9	686.6	1.8	2.0	-4.07	91.0	0.0	28.5	26.2	2.35	12.131	SF
800.0	792.2	791.9	779.9	2.2	2.5	-4.69	121.0	-0.3	37.3	34.6	2.71	13.763	
900.0	889.7	888.7	870.4	2.6	3.2	-4.75	155.2	-0.7	51.1	48.0	3.06	16.682	
1,000.0	987.2	983.9	957.7	3.0	3.9	-4.58	193.3	-1.1	69.9	66.5	3.41	20.473	
1,100.0	1,084.7	1,077.1	1,041.2	3.4	4.6	-4.35	234.8	-1.5	93.4	89.7	3.76	24.872	
1,200.0	1,182.2	1,168.0	1,120.4	3.8	5.4	-4.12	279.0	-2.0	121.7	117.6	4.10	29.702	
1,300.0	1,279.7	1,256.1	1,195.3	4.2	6.3	-3.92	325.5	-2.5	154.4	149.9	4.43	34.842	
1,400.0	1,377.3	1,341.3	1,265.6	4.7	7.2	-3.74	373.8	-3.1	191.3	186.6	4.76	40.203	
1,500.0	1,474.8	1,423.5	1,331.2	5.1	8.1	-3.60	423.2	-3.6	232.3	227.2	5.08	45.719	
1,600.0	1,572.3	1,500.0	1,390.4	5.5	8.9	-3.47	471.7	-4.1	277.1	271.7	5.39	51.384	
1,700.0	1,669.8	1,578.0	1,448.6	5.9	9.9	-3.36	523.5	-4.7	325.5	319.7	5.71	57.037	
1,800.0	1,767.3	1,650.3	1,500.7	6.4	10.8	-3.27	573.7	-5.3	377.2	371.2	6.01	62.772	
1,900.0	1,864.9	1,725.5	1,553.0	6.8	11.7	-3.19	627.7	-5.9	431.8	425.5	6.32	68.368	
2,000.0	1,962.4	1,808.9	1,610.7	7.2	12.8	-3.11	687.9	-6.5	486.9	480.3	6.64	73.377	
2,100.0	2,059.9	1,892.3	1,668.4	7.6	13.8	-3.05	748.2	-7.2	542.1	535.1	6.96	77.931	
2,200.0	2,157.4	1,975.8	1,726.0	8.0	14.9	-3.00	808.5	-7.8	597.2	590.0	7.28	82.090	
2,300.0	2,254.9	2,059.2	1,783.7	8.5	15.9	-2.96	868.7	-8.5	652.4	644.8	7.59	85.903	
2,400.0	2,352.4	2,142.6	1,841.4	8.9	17.0	-2.92	929.0	-9.2	707.5	699.6	7.91	89.412	
2,500.0	2,450.0	2,226.0	1,899.1	9.3	18.0	-2.90	989.2	-9.8	762.7	754.4	8.23	92.653	
2,600.0	2,547.5	2,309.4	1,956.8	9.7	19.1	-2.87	1,049.5	-10.5	817.8	809.3	8.55	95.655	
2,700.0	2,645.0	2,392.8	2,014.4	10.2	20.2	-2.85	1,109.7	-11.1	873.0	864.1	8.87	98.446	
2,800.0	2,742.5	2,476.3	2,072.1	10.6	21.2	-2.83	1,170.0	-11.8	928.1	918.9	9.19	101.046	
2,900.0	2,840.0	2,559.7	2,129.8	11.0	22.3	-2.81	1,230.3	-12.5	983.3	973.8	9.50	103.475	
3,000.0	2,937.5	2,643.1	2,187.5	11.4	23.3	-2.79	1,290.5	-13.1	1,038.4	1,028.6	9.82	105.748	
3,100.0	3,035.1	2,726.5	2,245.2	11.9	24.4	-2.78	1,350.8	-13.8	1,093.6	1,083.4	10.14	107.882	
3,200.0	3,132.6	2,809.9	2,302.8	12.3	25.5	-2.77	1,411.0	-14.4	1,148.7	1,138.3	10.45	109.887	
3,300.0	3,230.1	2,893.3	2,360.5	12.7	26.5	-2.76	1,471.3	-15.1	1,203.9	1,193.1	10.77	111.777	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF16D-24 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-41.46	7.5	-6.6	10.0				
100.0	100.0	100.0	100.0	0.1	0.1	-41.46	7.5	-6.6	10.0	9.7	0.27	36.740	
200.0	200.0	200.0	200.0	0.3	0.3	-41.46	7.5	-6.6	10.0	9.4	0.62	16.099	CC
300.0	300.0	299.6	299.6	0.5	0.5	-43.16	10.1	-6.7	10.1	9.1	0.98	10.289	
400.0	399.6	399.2	398.9	0.7	0.7	-44.33	17.9	-6.7	10.2	8.8	1.37	7.453	
500.0	498.8	498.8	497.6	1.0	1.0	-46.22	30.8	-6.9	10.5	8.6	1.84	5.704	
600.0	597.1	598.4	595.5	1.4	1.4	-48.69	48.9	-7.0	10.9	8.4	2.42	4.489	ES
700.0	694.6	698.0	692.4	1.8	1.8	-46.46	72.1	-7.3	12.3	9.3	3.02	4.070	SF
800.0	792.2	797.2	787.5	2.2	2.3	-33.70	100.1	-7.6	17.8	14.5	3.32	5.347	
900.0	889.7	895.5	880.2	2.6	2.9	-22.74	132.7	-7.9	28.5	25.0	3.49	8.146	
1,000.0	987.2	992.3	969.8	3.0	3.6	-16.08	169.5	-8.3	44.5	40.8	3.71	12.006	
1,100.0	1,084.7	1,087.3	1,055.7	3.4	4.3	-12.16	209.9	-8.7	65.7	61.7	3.97	16.540	
1,200.0	1,182.2	1,180.0	1,137.6	3.8	5.1	-9.73	253.5	-9.2	91.8	87.5	4.26	21.517	
1,300.0	1,279.7	1,270.1	1,215.0	4.2	6.0	-8.14	299.5	-9.6	122.5	117.9	4.57	26.796	
1,400.0	1,377.3	1,357.4	1,287.8	4.7	6.8	-7.05	347.6	-10.1	157.6	152.7	4.88	32.286	
1,500.0	1,474.8	1,441.5	1,355.9	5.1	7.7	-6.27	397.0	-10.6	197.0	191.8	5.19	37.923	
1,600.0	1,572.3	1,522.4	1,419.2	5.5	8.6	-5.69	447.3	-11.1	240.2	234.7	5.50	43.657	
1,700.0	1,669.8	1,600.0	1,477.9	5.9	9.5	-5.24	498.0	-11.7	287.2	281.4	5.81	49.453	
1,800.0	1,767.3	1,678.1	1,534.9	6.4	10.5	-4.87	551.5	-12.2	337.7	331.6	6.11	55.229	
1,900.0	1,864.9	1,758.7	1,592.5	6.8	11.5	-4.57	607.8	-12.8	390.0	383.6	6.43	60.688	
2,000.0	1,962.4	1,843.9	1,653.5	7.2	12.5	-4.33	667.3	-13.4	442.3	435.6	6.75	65.563	
2,100.0	2,059.9	1,929.1	1,714.4	7.6	13.6	-4.14	726.9	-14.0	494.6	487.6	7.07	69.991	
2,200.0	2,157.4	2,014.3	1,775.3	8.0	14.6	-3.98	786.4	-14.6	547.0	539.6	7.39	74.032	
2,300.0	2,254.9	2,099.5	1,836.3	8.5	15.7	-3.85	846.0	-15.2	599.3	591.6	7.71	77.735	
2,400.0	2,352.4	2,184.7	1,897.2	8.9	16.7	-3.75	905.5	-15.9	651.6	643.6	8.03	81.143	
2,500.0	2,450.0	2,269.9	1,958.2	9.3	17.8	-3.66	965.1	-16.5	703.9	695.6	8.35	84.289	
2,600.0	2,547.5	2,355.2	2,019.1	9.7	18.8	-3.58	1,024.7	-17.1	756.3	747.6	8.67	87.202	
2,700.0	2,645.0	2,440.4	2,080.0	10.2	19.8	-3.51	1,084.2	-17.7	808.6	799.6	8.99	89.909	
2,800.0	2,742.5	2,525.6	2,141.0	10.6	20.9	-3.45	1,143.8	-18.3	860.9	851.6	9.31	92.429	
2,900.0	2,840.0	2,610.8	2,201.9	11.0	21.9	-3.39	1,203.3	-18.9	913.3	903.6	9.64	94.783	
3,000.0	2,937.5	2,696.0	2,262.9	11.4	23.0	-3.35	1,262.9	-19.5	965.6	955.7	9.96	96.987	
3,100.0	3,035.1	2,781.2	2,323.8	11.9	24.0	-3.30	1,322.4	-20.1	1,017.9	1,007.7	10.28	99.054	
3,200.0	3,132.6	2,866.4	2,384.7	12.3	25.1	-3.26	1,382.0	-20.8	1,070.3	1,059.7	10.60	100.996	
3,300.0	3,230.1	2,951.6	2,445.7	12.7	26.1	-3.23	1,441.5	-21.4	1,122.6	1,111.7	10.92	102.826	
3,400.0	3,327.6	3,036.8	2,506.6	13.1	27.2	-3.20	1,501.1	-22.0	1,174.9	1,163.7	11.24	104.552	
3,500.0	3,425.1	3,122.0	2,567.6	13.6	28.2	-3.17	1,560.7	-22.6	1,227.3	1,215.7	11.56	106.183	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF16E-24 I25 596 - OH - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-86.44	0.9	-14.1	14.1				
100.0	100.0	100.0	100.0	0.1	0.1	-86.44	0.9	-14.1	14.1	13.9	0.27	51.962	
200.0	200.0	200.0	200.0	0.3	0.3	-86.44	0.9	-14.1	14.1	13.5	0.62	22.770	
242.7	242.7	242.7	242.7	0.4	0.4	-89.67	0.9	-14.1	14.1	13.4	0.77	18.261	CC
300.0	300.0	300.0	300.0	0.5	0.5	-95.66	1.5	-14.1	14.2	13.2	0.98	14.528	
400.0	399.6	400.1	399.9	0.7	0.7	-105.67	6.8	-14.2	14.9	13.5	1.39	10.722	
500.0	498.8	500.3	499.6	1.0	0.9	-114.32	17.3	-14.3	16.1	14.2	1.88	8.569	
600.0	597.1	600.6	598.7	1.4	1.2	-121.28	33.0	-14.4	17.8	15.3	2.45	7.244	
700.0	694.6	701.1	697.0	1.8	1.6	-123.22	53.9	-14.7	19.0	15.9	3.12	6.073	
800.0	792.2	801.5	793.9	2.2	2.1	-111.16	79.9	-14.9	17.9	13.8	4.12	4.355	
857.5	848.3	858.9	848.7	2.4	2.4	-96.15	97.1	-15.1	17.4	12.6	4.83	3.603	ES
900.0	889.7	901.1	888.6	2.6	2.7	-81.60	110.8	-15.2	17.9	12.7	5.21	3.443	SF
1,000.0	987.2	1,000.0	980.9	3.0	3.3	-48.46	146.2	-15.6	25.4	20.2	5.20	4.884	
1,100.0	1,084.7	1,096.3	1,068.9	3.4	4.0	-29.72	185.3	-16.0	41.5	36.6	4.87	8.525	
1,200.0	1,182.2	1,190.9	1,153.3	3.8	4.8	-20.33	228.0	-16.4	64.2	59.4	4.82	13.332	
1,300.0	1,279.7	1,283.0	1,233.4	4.2	5.6	-15.21	273.5	-16.9	92.4	87.4	4.95	18.670	
1,400.0	1,377.3	1,372.3	1,308.8	4.7	6.5	-12.12	321.2	-17.4	125.3	120.2	5.16	24.277	
1,500.0	1,474.8	1,458.5	1,379.4	5.1	7.4	-10.11	370.6	-17.9	162.8	157.3	5.42	30.040	
1,600.0	1,572.3	1,541.4	1,445.2	5.5	8.3	-8.73	421.1	-18.4	204.3	198.6	5.69	35.897	
1,700.0	1,669.8	1,621.0	1,506.2	5.9	9.2	-7.72	472.1	-18.9	249.8	243.8	5.98	41.807	
1,800.0	1,767.3	1,703.8	1,567.8	6.4	10.2	-6.93	527.5	-19.5	298.4	292.1	6.27	47.584	
1,900.0	1,864.9	1,790.9	1,632.4	6.8	11.2	-6.31	585.9	-20.1	347.3	340.7	6.58	52.784	
2,000.0	1,962.4	1,878.1	1,697.1	7.2	12.2	-5.85	644.4	-20.7	396.2	389.4	6.89	57.478	
2,100.0	2,059.9	1,965.2	1,761.7	7.6	13.3	-5.49	702.9	-21.3	445.2	438.0	7.21	61.738	
2,200.0	2,157.4	2,052.4	1,826.3	8.0	14.3	-5.20	761.4	-21.9	494.2	486.7	7.53	65.622	
2,300.0	2,254.9	2,139.6	1,891.0	8.5	15.3	-4.96	819.8	-22.5	543.2	535.3	7.85	69.179	
2,400.0	2,352.4	2,226.7	1,955.6	8.9	16.3	-4.76	878.3	-23.1	592.2	584.0	8.17	72.449	
2,500.0	2,450.0	2,313.9	2,020.3	9.3	17.4	-4.60	936.8	-23.7	641.2	632.7	8.50	75.466	
2,600.0	2,547.5	2,401.0	2,084.9	9.7	18.4	-4.45	995.3	-24.3	690.2	681.3	8.82	78.259	
2,700.0	2,645.0	2,488.2	2,149.5	10.2	19.4	-4.33	1,053.7	-24.9	739.2	730.0	9.14	80.852	
2,800.0	2,742.5	2,575.4	2,214.2	10.6	20.5	-4.22	1,112.2	-25.5	788.2	778.7	9.47	83.266	
2,900.0	2,840.0	2,662.5	2,278.8	11.0	21.5	-4.12	1,170.7	-26.0	837.2	827.4	9.79	85.520	
3,000.0	2,937.5	2,749.7	2,343.4	11.4	22.5	-4.04	1,229.2	-26.6	886.2	876.1	10.11	87.628	
3,100.0	3,035.1	2,836.9	2,408.1	11.9	23.5	-3.96	1,287.6	-27.2	935.2	924.7	10.44	89.605	
3,200.0	3,132.6	2,924.0	2,472.7	12.3	24.6	-3.89	1,346.1	-27.8	984.2	973.4	10.76	91.462	
3,300.0	3,230.1	3,011.2	2,537.3	12.7	25.6	-3.83	1,404.6	-28.4	1,033.2	1,022.1	11.08	93.211	
3,400.0	3,327.6	3,098.3	2,602.0	13.1	26.6	-3.77	1,463.1	-29.0	1,082.2	1,070.8	11.41	94.860	
3,500.0	3,425.1	3,185.5	2,666.6	13.6	27.7	-3.72	1,521.5	-29.6	1,131.2	1,119.5	11.73	96.418	
3,600.0	3,522.6	3,272.7	2,731.2	14.0	28.7	-3.67	1,580.0	-30.2	1,180.2	1,168.2	12.06	97.892	
3,700.0	3,620.2	3,359.8	2,795.9	14.4	29.7	-3.63	1,638.5	-30.8	1,229.2	1,216.9	12.38	99.289	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 - WF16F-24 I25 596 - OH - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-104.86	-5.7	-21.6	22.4				
100.0	100.0	100.0	100.0	0.1	0.1	-104.86	-5.7	-21.6	22.4	22.1	0.27	82.145	
200.0	200.0	200.0	200.0	0.3	0.3	-104.86	-5.7	-21.6	22.4	21.7	0.62	35.996	CC
300.0	300.0	300.0	300.0	0.5	0.5	-112.34	-5.7	-21.6	23.2	22.3	0.98	23.765	
400.0	399.6	400.4	400.3	0.7	0.7	-123.07	-3.1	-21.6	25.8	24.4	1.36	18.899	
500.0	498.8	501.1	500.7	1.0	0.9	-131.38	4.8	-21.7	29.1	27.3	1.79	16.273	
600.0	597.1	602.1	600.8	1.4	1.2	-137.59	18.1	-21.9	33.0	30.8	2.26	14.644	
700.0	694.6	703.4	700.4	1.8	1.5	-140.84	36.7	-22.1	36.2	33.5	2.77	13.102	
800.0	792.2	804.8	798.9	2.2	1.9	-138.38	60.6	-22.3	35.6	32.2	3.42	10.423	
900.0	889.7	905.7	895.6	2.6	2.5	-128.88	89.5	-22.6	31.7	27.3	4.41	7.189	
1,000.0	987.2	1,005.7	989.8	3.0	3.1	-107.06	123.2	-23.0	26.9	21.0	5.92	4.552	
1,038.4	1,024.7	1,043.8	1,025.1	3.2	3.4	-94.33	137.3	-23.1	26.3	19.8	6.50	4.045	ES, SF
1,100.0	1,084.7	1,104.2	1,080.6	3.4	3.8	-71.68	161.1	-23.4	28.5	21.6	6.89	4.135	
1,200.0	1,182.2	1,200.0	1,167.1	3.8	4.5	-43.29	202.4	-23.8	42.2	35.9	6.39	6.610	
1,300.0	1,279.7	1,294.7	1,250.3	4.2	5.3	-28.23	247.5	-24.3	65.5	59.6	5.92	11.065	
1,400.0	1,377.3	1,386.0	1,328.4	4.7	6.2	-20.40	294.8	-24.7	95.2	89.4	5.79	16.435	
1,500.0	1,474.8	1,474.3	1,401.7	5.1	7.1	-15.87	344.0	-25.3	130.2	124.3	5.86	22.194	
1,600.0	1,572.3	1,559.3	1,470.0	5.5	8.0	-12.99	394.6	-25.8	169.7	163.7	6.03	28.124	
1,700.0	1,669.8	1,640.9	1,533.4	5.9	8.9	-11.05	445.9	-26.3	213.4	207.2	6.25	34.136	
1,800.0	1,767.3	1,729.1	1,600.7	6.4	9.9	-9.56	503.0	-26.9	259.4	252.9	6.51	39.853	
1,900.0	1,864.9	1,817.8	1,668.2	6.8	10.9	-8.52	560.4	-27.5	305.4	298.7	6.79	44.979	
2,000.0	1,962.4	1,906.4	1,735.8	7.2	11.9	-7.75	617.8	-28.1	351.6	344.5	7.09	49.602	
2,100.0	2,059.9	1,995.1	1,803.3	7.6	12.9	-7.15	675.2	-28.7	397.7	390.3	7.39	53.794	
2,200.0	2,157.4	2,083.7	1,870.9	8.0	13.9	-6.68	732.6	-29.3	443.9	436.2	7.70	57.615	
2,300.0	2,254.9	2,172.4	1,938.4	8.5	14.9	-6.30	790.0	-29.9	490.1	482.1	8.02	61.111	
2,400.0	2,352.4	2,261.0	2,006.0	8.9	15.9	-5.99	847.4	-30.5	536.3	528.0	8.34	64.324	
2,500.0	2,450.0	2,349.6	2,073.6	9.3	16.9	-5.72	904.8	-31.1	582.5	573.9	8.66	67.286	
2,600.0	2,547.5	2,438.3	2,141.1	9.7	18.0	-5.50	962.2	-31.7	628.7	619.8	8.98	70.027	
2,700.0	2,645.0	2,526.9	2,208.7	10.2	19.0	-5.30	1,019.6	-32.3	675.0	665.7	9.30	72.571	
2,800.0	2,742.5	2,615.6	2,276.2	10.6	20.0	-5.13	1,077.0	-32.9	721.2	711.6	9.62	74.938	
2,900.0	2,840.0	2,704.2	2,343.8	11.0	21.0	-4.98	1,134.4	-33.5	767.5	757.5	9.95	77.146	
3,000.0	2,937.5	2,792.9	2,411.3	11.4	22.0	-4.85	1,191.8	-34.1	813.7	803.4	10.27	79.211	
3,100.0	3,035.1	2,881.5	2,478.9	11.9	23.0	-4.73	1,249.1	-34.7	860.0	849.4	10.60	81.147	
3,200.0	3,132.6	2,970.2	2,546.5	12.3	24.0	-4.62	1,306.5	-35.3	906.2	895.3	10.92	82.966	
3,300.0	3,230.1	3,058.8	2,614.0	12.7	25.0	-4.53	1,363.9	-35.9	952.5	941.2	11.25	84.677	
3,400.0	3,327.6	3,147.5	2,681.6	13.1	26.0	-4.44	1,421.3	-36.5	998.7	987.2	11.57	86.290	
3,500.0	3,425.1	3,236.1	2,749.1	13.6	27.1	-4.36	1,478.7	-37.1	1,045.0	1,033.1	11.90	87.814	
3,600.0	3,522.6	3,324.8	2,816.7	14.0	28.1	-4.29	1,536.1	-37.7	1,091.3	1,079.0	12.23	89.256	
3,700.0	3,620.2	3,413.4	2,884.3	14.4	29.1	-4.22	1,593.5	-38.3	1,137.5	1,125.0	12.55	90.621	
3,800.0	3,717.7	3,502.1	2,951.8	14.8	30.1	-4.16	1,650.9	-38.9	1,183.8	1,170.9	12.88	91.917	
3,900.0	3,815.2	3,590.7	3,019.4	15.2	31.1	-4.10	1,708.3	-39.5	1,230.1	1,216.9	13.21	93.148	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 119-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-120.15	-25.6	-44.1	115.8				
100.0	100.0	0.0	0.0	0.1	0.0	-120.15	-25.6	-44.1	51.1	51.0	0.14	375.052	
128.5	128.5	24.5	24.5	0.2	0.0	-120.18	-25.6	-44.1	51.0	50.8	0.23	222.549	
200.0	200.0	95.8	95.8	0.3	0.2	-120.57	-26.0	-44.0	51.1	50.6	0.48	106.772	
300.0	300.0	195.9	195.9	0.5	0.3	-125.17	-26.9	-43.8	52.9	52.1	0.83	63.451	
400.0	399.6	296.1	296.1	0.7	0.5	-131.28	-26.4	-43.6	57.3	56.1	1.21	47.455	
500.0	498.8	396.7	396.6	1.0	0.7	-138.37	-24.1	-43.5	64.8	63.2	1.60	40.573	
600.0	597.1	497.7	497.5	1.4	0.9	-144.60	-18.5	-43.7	75.1	73.1	2.00	37.540	
700.0	694.6	598.3	597.8	1.8	1.1	-149.68	-9.8	-43.6	86.5	84.1	2.40	36.115	
800.0	792.2	700.1	698.9	2.2	1.3	-152.90	1.5	-43.7	96.5	93.7	2.79	34.539	
900.0	889.7	802.5	800.3	2.6	1.6	-154.88	16.0	-43.7	103.9	100.7	3.20	32.493	
1,000.0	987.2	907.2	903.2	3.0	2.0	-155.57	35.0	-43.8	107.9	104.2	3.64	29.669	
1,100.0	1,084.7	1,012.1	1,005.2	3.4	2.4	-155.16	59.2	-43.7	107.1	103.0	4.12	25.999	
1,200.0	1,182.2	1,115.5	1,104.8	3.8	2.9	-154.01	87.1	-42.9	102.6	97.9	4.65	22.041	
1,300.0	1,279.7	1,219.0	1,203.3	4.2	3.4	-151.87	118.9	-41.6	94.4	89.1	5.28	17.859	
1,400.0	1,377.3	1,320.8	1,298.9	4.7	4.0	-148.27	153.8	-39.8	82.9	76.8	6.08	13.625	
1,500.0	1,474.8	1,422.5	1,392.9	5.1	4.7	-140.93	192.6	-38.5	68.9	61.5	7.33	9.399	
1,600.0	1,572.3	1,521.2	1,482.4	5.5	5.4	-126.78	234.3	-37.5	53.9	44.5	9.35	5.762	
1,700.0	1,669.8	1,619.0	1,570.2	5.9	6.2	-102.61	277.2	-36.7	44.0	32.1	11.91	3.697	
1,739.5	1,708.3	1,657.4	1,604.2	6.1	6.5	-89.72	295.0	-36.3	42.9	30.3	12.63	3.400	CC, ES, SF
1,800.0	1,767.3	1,715.6	1,655.2	6.4	7.0	-69.11	323.0	-35.4	46.0	33.3	12.69	3.621	
1,900.0	1,864.9	1,810.8	1,737.8	6.8	7.8	-43.77	370.4	-34.0	62.7	51.5	11.16	5.614	
2,000.0	1,962.4	1,906.4	1,820.6	7.2	8.7	-30.19	418.2	-32.7	86.8	76.8	9.95	8.718	
2,100.0	2,059.9	2,002.5	1,904.0	7.6	9.5	-22.47	466.0	-31.1	113.1	103.8	9.35	12.094	
2,200.0	2,157.4	2,098.6	1,987.5	8.0	10.3	-17.88	513.4	-29.8	140.3	131.1	9.15	15.336	
2,300.0	2,254.9	2,196.7	2,073.4	8.5	11.2	-14.88	560.8	-28.7	167.0	157.8	9.16	18.233	
2,400.0	2,352.4	2,292.6	2,157.6	8.9	12.0	-12.80	606.8	-27.7	193.6	184.3	9.28	20.862	
2,500.0	2,450.0	2,388.0	2,241.2	9.3	12.8	-11.28	652.6	-26.8	220.5	211.0	9.47	23.284	
2,600.0	2,547.5	2,482.7	2,323.9	9.7	13.6	-10.17	698.7	-26.3	248.3	238.6	9.70	25.587	
2,700.0	2,645.0	2,581.1	2,410.0	10.2	14.4	-9.17	746.3	-25.5	275.8	265.8	9.96	27.689	
2,800.0	2,742.5	2,668.6	2,486.3	10.6	15.2	-8.58	789.1	-25.5	304.0	293.8	10.24	29.696	
2,900.0	2,840.0	2,756.4	2,561.6	11.0	16.0	-8.08	834.5	-25.8	335.3	324.8	10.53	31.848	
3,000.0	2,937.5	2,851.0	2,641.9	11.4	16.9	-7.53	884.2	-25.7	367.7	356.8	10.82	33.969	
3,100.0	3,035.1	2,949.0	2,725.7	11.9	17.8	-7.03	935.3	-25.3	399.3	388.2	11.13	35.890	
3,200.0	3,132.6	3,038.3	2,801.7	12.3	18.6	-6.71	982.1	-25.5	431.5	420.1	11.43	37.742	
3,300.0	3,230.1	3,133.6	2,882.7	12.7	19.5	-6.45	1,032.4	-26.1	464.2	452.4	11.75	39.490	
3,400.0	3,327.6	3,224.5	2,959.9	13.1	20.4	-6.36	1,080.3	-27.6	496.8	484.8	12.09	41.096	
3,500.0	3,425.1	3,325.9	3,045.9	13.6	21.3	-6.22	1,133.9	-28.8	529.7	517.2	12.44	42.592	
3,600.0	3,522.6	3,417.7	3,124.3	14.0	22.2	-6.10	1,181.8	-29.8	561.6	548.8	12.77	43.988	
3,700.0	3,620.2	3,512.1	3,204.6	14.4	23.1	-5.96	1,231.4	-30.6	594.1	581.0	13.10	45.349	
3,800.0	3,717.7	3,615.5	3,292.8	14.8	24.0	-5.84	1,285.2	-31.6	626.0	612.5	13.45	46.546	
3,900.0	3,815.2	3,719.0	3,382.2	15.2	24.9	-5.83	1,337.4	-33.4	656.1	642.3	13.81	47.507	
4,000.0	3,912.7	3,804.7	3,456.1	15.7	25.7	-5.77	1,380.7	-34.4	686.3	672.2	14.14	48.536	
4,100.0	4,010.2	3,908.5	3,545.4	16.1	26.6	-5.64	1,433.7	-34.9	717.1	702.6	14.49	49.492	
4,200.0	4,107.8	4,009.7	3,633.0	16.5	27.5	-5.57	1,484.4	-35.9	746.8	731.9	14.84	50.325	
4,300.0	4,205.3	4,111.5	3,721.5	16.9	28.4	-5.54	1,534.6	-37.1	775.7	760.5	15.20	51.045	
4,400.0	4,302.8	4,212.9	3,810.0	17.4	29.3	-5.44	1,584.1	-37.5	804.0	788.4	15.54	51.722	
4,500.0	4,400.3	4,320.3	3,904.4	17.8	30.2	-5.40	1,635.5	-38.5	831.1	815.2	15.91	52.251	
4,600.0	4,497.8	4,430.3	4,001.7	18.2	31.1	-5.34	1,686.7	-39.2	857.0	840.7	16.28	52.647	
4,700.0	4,595.3	4,516.7	4,078.3	18.6	31.8	-5.21	1,726.7	-38.4	882.4	865.8	16.60	53.164	
4,800.0	4,692.9	4,624.9	4,173.9	19.1	32.7	-4.97	1,777.2	-36.1	908.3	891.4	16.94	53.629	
4,900.0	4,790.4	4,744.3	4,280.7	19.5	33.6	-4.83	1,830.7	-35.2	932.1	914.8	17.31	53.854	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 119-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,000.0	4,887.9	4,847.6	4,373.7	19.9	34.4	-4.74	1,875.4	-34.7	954.3	936.7	17.66	54.039	
5,100.0	4,985.4	4,949.6	4,465.9	20.3	35.2	-4.66	1,919.2	-33.9	976.2	958.2	18.00	54.238	
5,200.0	5,083.7	5,070.2	4,575.4	20.7	36.1	-4.64	1,969.7	-33.9	1,000.5	982.2	18.31	54.632	
5,300.0	5,182.7	5,220.2	4,714.1	20.9	37.1	-4.59	2,026.8	-33.8	1,025.8	1,007.1	18.64	55.029	
5,400.0	5,282.4	5,367.0	4,852.5	21.1	37.9	-4.56	2,075.7	-33.9	1,051.0	1,032.1	18.92	55.547	
5,500.0	5,382.3	5,518.8	4,997.9	21.2	38.7	-4.52	2,118.9	-34.3	1,076.5	1,057.3	19.18	56.133	
5,600.0	5,482.3	5,677.6	5,152.3	21.2	39.4	117.34	2,156.2	-34.8	1,100.2	1,080.6	19.59	56.159	
5,700.0	5,582.3	5,803.3	5,275.5	21.3	39.8	117.44	2,181.0	-34.4	1,120.2	1,100.2	19.96	56.119	
5,800.0	5,682.3	5,912.9	5,383.5	21.4	40.2	117.56	2,199.9	-33.7	1,137.7	1,117.4	20.31	56.028	
5,900.0	5,782.3	5,942.0	5,412.2	21.5	40.3	117.59	2,204.9	-33.5	1,157.1	1,136.6	20.52	56.380	
6,000.0	5,882.3	5,942.0	5,412.2	21.5	40.3	117.59	2,204.9	-33.5	1,184.4	1,163.7	20.70	57.225	
6,100.0	5,982.3	5,942.0	5,412.2	21.6	40.3	117.59	2,204.9	-33.5	1,219.3	1,198.4	20.87	58.421	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-120.15	-25.6	-44.1	115.8				
100.0	100.0	0.0	0.0	0.1	0.0	-120.15	-25.6	-44.1	51.1	51.0	0.14	375.052	
134.7	134.7	30.7	30.7	0.2	0.1	-120.15	-25.6	-44.1	51.0	50.7	0.25	203.499	
200.0	200.0	96.0	96.0	0.3	0.2	-120.15	-25.6	-44.1	51.0	50.5	0.48	106.594	
300.0	300.0	196.0	196.0	0.5	0.3	-123.85	-25.6	-44.1	52.4	51.6	0.83	62.900	
400.0	399.6	296.2	296.2	0.7	0.5	-130.03	-25.2	-44.1	56.9	55.7	1.21	47.102	
500.0	498.8	397.2	397.1	1.0	0.7	-136.65	-21.8	-44.0	63.6	62.0	1.61	39.574	
600.0	597.1	498.3	498.0	1.4	0.9	-142.73	-14.8	-44.0	72.4	70.4	2.02	35.782	
700.0	694.6	599.9	599.0	1.8	1.1	-147.65	-4.3	-43.9	82.1	79.7	2.44	33.680	
800.0	792.2	702.2	700.3	2.2	1.4	-150.47	10.0	-43.7	89.3	86.5	2.86	31.210	
900.0	889.7	804.9	801.5	2.6	1.8	-151.82	28.0	-43.6	93.6	90.3	3.31	28.286	
1,000.0	987.2	907.9	902.1	3.0	2.2	-152.01	49.6	-43.4	94.8	91.0	3.79	24.976	
1,100.0	1,084.7	1,010.8	1,001.9	3.4	2.7	-151.11	74.8	-43.1	92.8	88.4	4.34	21.369	
1,200.0	1,182.2	1,113.4	1,100.4	3.8	3.2	-148.94	103.5	-42.8	87.8	82.8	4.99	17.569	
1,300.0	1,279.7	1,215.4	1,197.3	4.2	3.8	-145.06	135.5	-42.5	79.9	74.1	5.83	13.707	
1,400.0	1,377.3	1,316.6	1,292.2	4.7	4.4	-138.47	170.7	-42.2	69.9	62.9	6.99	9.994	
1,500.0	1,474.8	1,416.8	1,384.8	5.1	5.1	-127.25	208.7	-41.8	58.8	50.1	8.68	6.776	
1,600.0	1,572.3	1,515.7	1,474.9	5.5	5.8	-108.37	249.4	-41.5	49.7	38.8	10.90	4.562	
1,665.1	1,635.8	1,579.3	1,532.1	5.8	6.3	-91.40	277.3	-41.2	47.5	35.4	12.09	3.924	CC, ES
1,700.0	1,669.8	1,613.0	1,562.2	5.9	6.6	-81.55	292.6	-41.0	48.2	35.8	12.40	3.888	SF
1,800.0	1,767.3	1,708.7	1,646.5	6.4	7.4	-56.00	337.8	-40.6	59.0	47.1	11.86	4.976	
1,900.0	1,864.9	1,803.6	1,728.7	6.8	8.2	-38.95	385.1	-40.2	80.1	69.4	10.63	7.530	
2,000.0	1,962.4	1,899.0	1,811.2	7.2	9.1	-29.08	433.1	-39.7	105.6	95.8	9.84	10.733	
2,100.0	2,059.9	1,994.4	1,893.7	7.6	9.9	-23.10	481.0	-39.3	133.0	123.5	9.46	14.051	
2,200.0	2,157.4	2,089.9	1,976.2	8.0	10.7	-19.16	529.0	-38.8	161.2	151.9	9.34	17.263	
2,300.0	2,254.9	2,185.3	2,058.7	8.5	11.6	-16.40	576.9	-38.3	190.0	180.6	9.36	20.286	
2,400.0	2,352.4	2,280.7	2,141.2	8.9	12.4	-14.36	624.9	-37.9	219.0	209.5	9.48	23.100	
2,500.0	2,450.0	2,376.2	2,223.7	9.3	13.3	-12.80	672.9	-37.4	248.3	238.6	9.66	25.708	
2,600.0	2,547.5	2,471.6	2,306.2	9.7	14.1	-11.57	720.8	-37.0	277.6	267.8	9.87	28.124	
2,700.0	2,645.0	2,567.0	2,388.7	10.2	15.0	-10.57	768.8	-36.5	307.1	297.0	10.11	30.363	
2,800.0	2,742.5	2,662.5	2,471.2	10.6	15.8	-9.75	816.8	-36.1	336.7	326.3	10.38	32.442	
2,900.0	2,840.0	2,757.9	2,553.7	11.0	16.7	-9.06	864.7	-35.6	366.3	355.6	10.65	34.376	
3,000.0	2,937.5	2,853.3	2,636.2	11.4	17.5	-8.47	912.7	-35.1	395.9	385.0	10.94	36.179	
3,100.0	3,035.1	2,948.8	2,718.7	11.9	18.4	-7.97	960.7	-34.7	425.6	414.3	11.24	37.864	
3,200.0	3,132.6	3,044.2	2,801.2	12.3	19.2	-7.53	1,008.6	-34.2	455.3	443.7	11.54	39.441	
3,300.0	3,230.1	3,139.6	2,883.8	12.7	20.1	-7.14	1,056.6	-33.8	485.0	473.1	11.85	40.921	
3,400.0	3,327.6	3,235.1	2,966.3	13.1	20.9	-6.80	1,104.5	-33.3	514.7	502.6	12.17	42.312	
3,500.0	3,425.1	3,330.5	3,048.8	13.6	21.8	-6.50	1,152.5	-32.8	544.5	532.0	12.48	43.622	
3,600.0	3,522.6	3,425.9	3,131.3	14.0	22.6	-6.23	1,200.5	-32.4	574.2	561.4	12.80	44.857	
3,700.0	3,620.2	3,521.4	3,213.8	14.4	23.5	-5.98	1,248.4	-31.9	604.0	590.9	13.12	46.025	
3,800.0	3,717.7	3,616.8	3,296.3	14.8	24.3	-5.76	1,296.4	-31.5	633.8	620.4	13.45	47.129	
3,900.0	3,815.2	3,712.2	3,378.8	15.2	25.2	-5.56	1,344.4	-31.0	663.6	649.8	13.77	48.176	
4,000.0	3,912.7	3,807.7	3,461.3	15.7	26.0	-5.37	1,392.3	-30.6	693.4	679.3	14.10	49.170	
4,100.0	4,010.2	3,903.1	3,543.8	16.1	26.9	-5.20	1,440.3	-30.1	723.2	708.8	14.43	50.114	
4,200.0	4,107.8	3,998.5	3,626.3	16.5	27.7	-5.05	1,488.3	-29.6	753.0	738.3	14.76	51.013	
4,300.0	4,205.3	4,094.0	3,708.8	16.9	28.6	-4.90	1,536.2	-29.2	782.8	767.7	15.09	51.869	
4,400.0	4,302.8	4,189.4	3,791.3	17.4	29.4	-4.77	1,584.2	-28.7	812.7	797.2	15.42	52.685	
4,500.0	4,400.3	4,284.8	3,873.8	17.8	30.3	-4.64	1,632.1	-28.3	842.5	826.7	15.76	53.465	
4,600.0	4,497.8	4,380.3	3,956.3	18.2	31.1	-4.53	1,680.1	-27.8	872.3	856.2	16.09	54.210	
4,700.0	4,595.3	4,475.7	4,038.8	18.6	32.0	-4.42	1,728.1	-27.4	902.1	885.7	16.43	54.923	
4,800.0	4,692.9	4,571.1	4,121.3	19.1	32.9	-4.32	1,776.0	-26.9	932.0	915.2	16.76	55.606	
4,900.0	4,790.4	4,666.6	4,203.8	19.5	33.7	-4.22	1,824.0	-26.4	961.8	944.7	17.10	56.260	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,000.0	4,887.9	4,811.5	4,330.8	19.9	34.9	-4.10	1,893.7	-25.8	989.3	971.8	17.51	56.485	
5,100.0	4,985.4	4,961.0	4,465.5	20.3	36.0	-4.02	1,958.8	-25.2	1,011.9	993.9	17.94	56.415	
5,200.0	5,083.7	5,113.0	4,605.5	20.7	37.1	-3.98	2,017.7	-24.6	1,032.7	1,014.4	18.30	56.430	
5,300.0	5,182.7	5,266.7	4,750.2	20.9	38.0	-3.94	2,069.6	-24.1	1,053.5	1,034.8	18.63	56.544	
5,400.0	5,282.4	5,422.2	4,899.2	21.1	38.7	-3.89	2,114.1	-23.7	1,074.0	1,055.1	18.93	56.748	
5,500.0	5,382.3	5,579.6	5,052.2	21.2	39.4	-3.84	2,150.9	-23.3	1,094.4	1,075.2	19.19	57.033	
5,600.0	5,482.3	5,739.4	5,209.4	21.2	39.9	118.03	2,179.6	-23.1	1,112.4	1,092.8	19.61	56.736	
5,700.0	5,582.3	5,902.1	5,370.8	21.3	40.3	118.11	2,199.7	-22.9	1,125.0	1,105.0	20.05	56.121	
5,800.0	5,682.3	6,066.5	5,534.8	21.4	40.5	118.18	2,210.8	-22.8	1,132.0	1,111.5	20.50	55.230	
5,900.0	5,782.3	6,212.4	5,680.7	21.5	40.5	118.22	2,212.9	-22.8	1,133.5	1,112.6	20.92	54.183	
6,000.0	5,882.3	6,319.6	5,787.9	21.5	40.6	118.22	2,212.3	-23.4	1,133.3	1,112.0	21.28	53.251	
6,100.0	5,982.3	6,426.8	5,895.1	21.6	40.6	118.17	2,211.0	-24.7	1,132.4	1,110.7	21.65	52.312	
6,200.0	6,082.3	6,533.9	6,002.2	21.7	40.6	118.10	2,209.0	-26.7	1,130.8	1,108.8	22.02	51.367	
6,300.0	6,182.3	6,636.3	6,104.5	21.8	40.6	117.99	2,206.5	-29.1	1,128.8	1,106.5	22.38	50.443	
6,400.0	6,282.3	6,736.3	6,204.4	21.9	40.6	117.89	2,204.1	-31.5	1,126.8	1,104.0	22.74	49.556	
6,500.0	6,382.3	6,836.2	6,304.3	22.0	40.6	117.79	2,201.7	-34.0	1,124.7	1,101.6	23.10	48.698	
6,600.0	6,482.3	6,936.2	6,404.2	22.0	40.7	117.68	2,199.2	-36.4	1,122.7	1,099.2	23.46	47.866	
6,700.0	6,582.3	7,036.2	6,504.1	22.1	40.7	117.58	2,196.8	-38.8	1,120.7	1,096.9	23.81	47.060	
6,800.0	6,682.3	7,136.1	6,604.0	22.2	40.7	117.47	2,194.4	-41.3	1,118.6	1,094.5	24.17	46.279	
6,900.0	6,782.3	7,236.1	6,703.9	22.3	40.7	117.37	2,192.0	-43.7	1,116.6	1,092.1	24.53	45.515	
7,000.0	6,882.3	7,336.0	6,803.8	22.4	40.7	117.26	2,189.5	-46.1	1,114.6	1,089.7	24.89	44.782	
7,100.0	6,982.3	7,436.0	6,903.7	22.5	40.7	117.16	2,187.1	-48.5	1,112.6	1,087.3	25.25	44.067	
7,200.0	7,082.3	7,535.9	7,003.6	22.6	40.7	117.05	2,184.7	-51.0	1,110.5	1,084.9	25.60	43.372	
7,300.0	7,182.3	7,635.9	7,103.5	22.7	40.8	116.95	2,182.2	-53.4	1,108.5	1,082.6	25.96	42.697	
7,400.0	7,282.3	7,735.9	7,203.4	22.8	40.8	116.84	2,179.8	-55.8	1,106.5	1,080.2	26.32	42.040	
7,500.0	7,382.3	7,835.8	7,303.3	22.9	40.8	116.73	2,177.4	-58.2	1,104.5	1,077.8	26.68	41.401	
7,600.0	7,482.3	7,935.8	7,403.2	23.0	40.8	116.62	2,175.0	-60.7	1,102.5	1,075.5	27.04	40.779	
7,700.0	7,582.3	8,035.7	7,503.1	23.1	40.8	116.52	2,172.5	-63.1	1,100.5	1,073.1	27.39	40.174	
7,800.0	7,682.3	8,135.7	7,603.0	23.1	40.8	116.41	2,170.1	-65.5	1,098.5	1,070.8	27.75	39.585	
7,900.0	7,782.3	8,235.7	7,702.9	23.2	40.9	116.30	2,167.7	-67.9	1,096.5	1,068.4	28.11	39.011	
8,000.0	7,882.3	8,335.6	7,802.8	23.3	40.9	116.19	2,165.3	-70.4	1,094.5	1,066.1	28.47	38.452	
8,100.0	7,982.3	8,435.6	7,902.7	23.4	40.9	116.08	2,162.8	-72.8	1,092.6	1,063.7	28.82	37.906	
8,200.0	8,082.3	8,535.5	8,002.6	23.5	40.9	115.97	2,160.4	-75.2	1,090.6	1,061.4	29.18	37.375	
8,300.0	8,182.3	8,635.5	8,102.5	23.7	41.0	115.86	2,158.0	-77.6	1,088.6	1,059.1	29.54	36.856	
8,400.0	8,282.3	8,735.5	8,202.4	23.8	41.0	115.75	2,155.6	-80.1	1,086.6	1,056.7	29.89	36.350	
8,500.0	8,382.3	8,835.4	8,302.3	23.9	41.0	115.64	2,153.1	-82.5	1,084.7	1,054.4	30.25	35.856	
8,600.0	8,482.3	8,935.4	8,402.2	24.0	41.0	115.53	2,150.7	-84.9	1,082.7	1,052.1	30.61	35.374	
8,700.0	8,582.3	9,035.3	8,502.1	24.1	41.1	115.41	2,148.3	-87.4	1,080.7	1,049.8	30.96	34.903	
8,800.0	8,682.3	9,135.3	8,602.0	24.2	41.1	115.30	2,145.9	-89.8	1,078.8	1,047.5	31.32	34.443	
8,900.0	8,782.3	9,235.2	8,701.9	24.3	41.1	115.19	2,143.4	-92.2	1,076.8	1,045.2	31.68	33.993	
9,000.0	8,882.3	9,335.2	8,801.8	24.4	41.2	115.08	2,141.0	-94.6	1,074.9	1,042.9	32.03	33.554	
9,100.0	8,982.3	9,435.2	8,901.7	24.5	41.2	114.96	2,138.6	-97.1	1,073.0	1,040.6	32.39	33.125	
9,200.0	9,082.3	9,535.1	9,001.6	24.6	41.2	114.85	2,136.1	-99.5	1,071.0	1,038.3	32.75	32.705	
9,300.0	9,182.3	9,635.1	9,101.5	24.7	41.3	114.73	2,133.7	-101.9	1,069.1	1,036.0	33.10	32.294	
9,400.0	9,282.3	9,735.0	9,201.4	24.8	41.3	114.62	2,131.3	-104.3	1,067.2	1,033.7	33.46	31.892	
9,500.0	9,382.3	9,835.0	9,301.3	24.9	41.3	114.50	2,128.9	-106.8	1,065.2	1,031.4	33.82	31.499	
9,600.0	9,482.3	9,935.0	9,401.2	25.1	41.4	114.39	2,126.4	-109.2	1,063.3	1,029.1	34.17	31.115	
9,700.0	9,582.3	10,034.9	9,501.1	25.2	41.4	114.27	2,124.0	-111.6	1,061.4	1,026.9	34.53	30.738	
9,800.0	9,682.3	10,134.9	9,601.0	25.3	41.4	114.16	2,121.6	-114.0	1,059.5	1,024.6	34.89	30.369	
9,900.0	9,782.2	10,234.8	9,700.9	25.4	41.5	114.04	2,119.2	-116.5	1,057.6	1,022.3	35.24	30.008	
10,000.0	9,882.2	10,334.8	9,800.8	25.5	41.5	113.92	2,116.7	-118.9	1,055.7	1,020.1	35.60	29.654	
10,100.0	9,982.2	10,434.7	9,900.7	25.6	41.6	113.80	2,114.3	-121.3	1,053.8	1,017.8	35.96	29.307	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD - Plan #1

Survey Program: 0-MWD

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,200.0	10,082.2	10,534.7	10,000.6	25.7	41.6	113.69	2,111.9	-123.7	1,051.9	1,015.6	36.31	28.967	
10,300.0	10,182.2	10,634.7	10,100.5	25.9	41.6	113.57	2,109.5	-126.2	1,050.0	1,013.3	36.67	28.634	
10,308.8	10,191.0	10,643.4	10,109.2	25.9	41.6	113.56	2,109.2	-126.4	1,049.8	1,013.1	36.70	28.605	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD Stk - DD Stk

Offset Site Error: 0.0 ft

Survey Program: 211-MWD, 5356-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-120.15	-25.6	-44.1	52.4				
100.0	100.0	87.9	87.9	0.1	0.1	-120.35	-25.8	-44.0	51.0	50.8	0.28	183.204	
200.0	200.0	187.8	187.8	0.3	0.3	-121.06	-26.5	-43.9	51.3	50.7	0.62	83.393	
300.0	300.0	287.9	287.9	0.5	0.5	-125.64	-27.4	-43.8	53.1	52.1	0.97	54.921	
400.0	399.6	388.1	388.1	0.7	0.7	-131.69	-26.9	-43.5	57.5	56.2	1.34	42.945	
500.0	498.8	488.7	488.7	1.0	0.8	-138.71	-24.6	-43.4	65.1	63.4	1.73	37.671	
600.0	597.1	589.7	589.5	1.4	1.0	-144.86	-19.0	-43.6	75.4	73.3	2.13	35.431	
700.0	694.6	690.4	689.8	1.8	1.2	-149.89	-10.3	-43.5	86.9	84.3	2.52	34.446	
800.0	792.2	792.2	791.0	2.2	1.5	-153.08	1.1	-43.7	96.8	93.9	2.92	33.191	
900.0	889.7	894.6	892.3	2.6	1.7	-155.03	15.5	-43.6	104.3	101.0	3.32	31.407	
1,000.0	987.2	999.3	995.4	3.0	2.1	-155.71	34.5	-43.8	108.3	104.5	3.76	28.825	
1,100.0	1,084.7	1,104.2	1,097.3	3.4	2.5	-155.31	58.8	-43.6	107.5	103.3	4.24	25.381	
1,200.0	1,182.2	1,207.6	1,196.9	3.8	3.0	-154.17	86.6	-42.8	103.0	98.2	4.76	21.614	
1,300.0	1,279.7	1,311.2	1,295.5	4.2	3.5	-152.05	118.4	-41.5	94.7	89.3	5.38	17.592	
1,400.0	1,377.3	1,413.0	1,391.1	4.7	4.1	-148.48	153.3	-39.7	83.2	77.0	6.17	13.487	
1,500.0	1,474.8	1,514.7	1,485.1	5.1	4.8	-141.21	192.2	-38.4	69.1	61.7	7.39	9.355	
1,600.0	1,572.3	1,613.4	1,574.5	5.5	5.5	-127.19	233.9	-37.4	54.1	44.7	9.39	5.761	
1,700.0	1,669.8	1,711.2	1,662.4	5.9	6.3	-103.15	276.8	-36.6	44.0	32.1	11.94	3.687	
1,741.1	1,709.9	1,751.2	1,697.9	6.1	6.6	-89.69	295.3	-36.2	42.8	30.1	12.70	3.373	CC, ES, SF
1,800.0	1,767.3	1,807.8	1,747.4	6.4	7.1	-69.53	322.7	-35.4	45.7	33.0	12.77	3.581	
1,900.0	1,864.9	1,903.0	1,830.0	6.8	7.9	-43.96	370.0	-33.9	62.3	51.1	11.26	5.535	
2,000.0	1,962.4	1,998.6	1,912.8	7.2	8.7	-30.27	417.8	-32.7	86.4	76.3	10.05	8.595	
2,100.0	2,059.9	2,094.8	1,996.2	7.6	9.6	-22.51	465.6	-31.1	112.7	103.2	9.45	11.922	
2,200.0	2,157.4	2,190.8	2,079.7	8.0	10.4	-17.89	513.0	-29.8	139.9	130.6	9.25	15.116	
2,300.0	2,254.9	2,288.9	2,165.6	8.5	11.2	-14.88	560.4	-28.6	166.5	157.3	9.27	17.971	
2,400.0	2,352.4	2,384.9	2,249.8	8.9	12.0	-12.80	606.4	-27.6	193.2	183.8	9.39	20.566	
2,500.0	2,450.0	2,480.0	2,333.2	9.3	12.8	-11.28	652.1	-26.7	220.1	210.5	9.59	22.960	
2,600.0	2,547.5	2,574.9	2,416.1	9.7	13.6	-10.16	698.4	-26.2	247.9	238.1	9.82	25.237	
2,700.0	2,645.0	2,673.3	2,502.2	10.2	14.5	-9.17	746.0	-25.4	275.4	265.3	10.08	27.319	
2,800.0	2,742.5	2,760.8	2,578.5	10.6	15.3	-8.58	788.7	-25.4	303.6	293.3	10.36	29.309	
2,900.0	2,840.0	2,848.7	2,653.8	11.0	16.1	-8.08	834.2	-25.8	334.9	324.3	10.65	31.445	
3,000.0	2,937.5	2,943.2	2,734.2	11.4	16.9	-7.53	883.9	-25.6	367.2	356.3	10.95	33.550	
3,100.0	3,035.1	3,041.3	2,817.9	11.9	17.8	-7.02	934.9	-25.2	398.9	387.7	11.25	35.458	
3,200.0	3,132.6	3,130.5	2,893.9	12.3	18.7	-6.70	981.7	-25.4	431.1	419.5	11.56	37.299	
3,300.0	3,230.1	3,225.9	2,974.9	12.7	19.6	-6.45	1,032.1	-26.0	463.8	451.9	11.88	39.037	
3,400.0	3,327.6	3,316.7	3,052.1	13.1	20.4	-6.36	1,080.0	-27.5	496.4	484.2	12.22	40.639	
3,500.0	3,425.1	3,418.2	3,138.2	13.6	21.3	-6.21	1,133.6	-28.7	529.2	516.7	12.56	42.130	
3,600.0	3,522.6	3,510.0	3,216.5	14.0	22.2	-6.09	1,181.4	-29.7	561.2	548.3	12.89	43.524	
3,700.0	3,620.2	3,604.4	3,296.8	14.4	23.1	-5.95	1,231.1	-30.5	593.7	580.5	13.23	44.882	
3,800.0	3,717.7	3,707.8	3,385.1	14.8	24.0	-5.84	1,284.9	-31.5	625.6	612.0	13.58	46.077	
3,900.0	3,815.2	3,811.0	3,474.2	15.2	24.9	-5.82	1,336.9	-33.3	655.7	641.7	13.94	47.043	
4,000.0	3,912.7	3,896.9	3,548.3	15.7	25.7	-5.77	1,380.3	-34.4	685.9	671.6	14.27	48.072	
4,100.0	4,010.2	4,000.8	3,637.6	16.1	26.6	-5.64	1,433.4	-34.8	716.7	702.0	14.62	49.029	
4,200.0	4,107.8	4,102.0	3,725.2	16.5	27.5	-5.57	1,484.1	-35.8	746.3	731.4	14.97	49.864	
4,300.0	4,205.3	4,203.7	3,813.7	16.9	28.4	-5.53	1,534.2	-37.0	775.2	759.9	15.32	50.588	
4,400.0	4,302.8	4,305.2	3,902.2	17.4	29.3	-5.44	1,583.8	-37.4	803.5	787.9	15.67	51.269	
4,500.0	4,400.3	4,412.6	3,996.6	17.8	30.2	-5.39	1,635.1	-38.4	830.7	814.7	16.04	51.803	
4,600.0	4,497.8	4,522.6	4,093.9	18.2	31.1	-5.34	1,686.3	-39.1	856.6	840.2	16.41	52.206	
4,700.0	4,595.3	4,608.9	4,170.5	18.6	31.8	-5.21	1,726.3	-38.3	882.0	865.3	16.73	52.727	
4,800.0	4,692.9	4,717.1	4,266.1	19.1	32.7	-4.96	1,776.8	-36.0	907.9	890.8	17.07	53.195	
4,900.0	4,790.4	4,836.6	4,372.9	19.5	33.7	-4.83	1,830.3	-35.1	931.7	914.3	17.44	53.426	
5,000.0	4,887.9	4,939.8	4,465.9	19.9	34.5	-4.74	1,875.0	-34.6	953.9	936.1	17.79	53.618	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF01D I 25 596 - DD Stk - DD Stk

Offset Site Error: 0.0 ft

Survey Program: 211-MWD, 5356-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	5,041.8	4,558.1	20.3	35.2	-4.65	1,918.8	-33.8	975.8	957.7	18.13	53.823	
5,200.0	5,083.7	5,162.5	4,667.7	20.7	36.1	-4.64	1,969.4	-33.8	1,000.1	981.6	18.45	54.218	
5,300.0	5,182.7	5,356.1	4,847.5	20.9	37.4	-4.57	2,040.9	-33.8	1,025.1	1,006.2	18.84	54.397	
5,400.0	5,282.4	5,496.0	4,981.2	21.1	38.1	-4.56	2,082.2	-34.2	1,046.6	1,027.4	19.12	54.735	
5,500.0	5,382.3	5,615.0	5,095.8	21.2	38.7	-4.70	2,113.7	-37.3	1,070.1	1,050.8	19.34	55.324	
5,600.0	5,482.3	5,781.4	5,257.8	21.2	39.4	116.89	2,151.3	-42.9	1,093.2	1,073.4	19.80	55.201	
5,700.0	5,582.3	5,955.9	5,430.1	21.3	39.8	116.74	2,178.5	-48.1	1,108.9	1,088.7	20.29	54.656	
5,800.0	5,682.3	6,098.5	5,571.8	21.4	40.1	116.56	2,193.1	-53.3	1,119.6	1,098.8	20.73	54.012	
5,900.0	5,782.3	6,237.3	5,710.1	21.5	40.4	116.43	2,203.0	-57.2	1,127.2	1,106.0	21.15	53.283	
6,000.0	5,882.3	6,393.4	5,866.1	21.5	40.5	116.31	2,207.7	-60.7	1,130.8	1,109.1	21.61	52.325	
6,100.0	5,982.3	6,500.3	5,973.1	21.6	40.5	116.23	2,207.4	-62.8	1,130.9	1,108.9	21.98	51.456	
6,200.0	6,082.3	6,600.5	6,073.2	21.7	40.6	116.19	2,207.0	-64.2	1,130.9	1,108.6	22.33	50.646	
6,300.0	6,182.3	6,701.7	6,174.4	21.8	40.6	116.14	2,206.6	-65.6	1,130.9	1,108.2	22.68	49.860	
6,400.0	6,282.3	6,801.6	6,274.3	21.9	40.7	116.09	2,206.2	-67.0	1,130.7	1,107.7	23.03	49.089	
6,407.1	6,289.4	6,808.7	6,281.4	21.9	40.7	116.09	2,206.1	-67.1	1,130.7	1,107.7	23.06	49.037	
6,500.0	6,382.3	6,814.0	6,286.7	22.0	40.7	116.09	2,206.1	-67.1	1,134.0	1,110.8	23.23	48.822	
6,600.0	6,482.3	6,814.0	6,286.7	22.0	40.7	116.09	2,206.1	-67.1	1,146.0	1,122.6	23.40	48.975	
6,700.0	6,582.3	6,814.0	6,286.7	22.1	40.7	116.09	2,206.1	-67.1	1,166.5	1,142.9	23.57	49.485	
6,800.0	6,682.3	6,814.0	6,286.7	22.2	40.7	116.09	2,206.1	-67.1	1,195.0	1,171.2	23.74	50.326	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF02D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 128-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-125.39	-55.3	-77.8	96.2				
100.0	100.0	88.7	88.7	0.1	0.1	-125.39	-55.1	-77.5	95.1	94.8	0.27	350.161	
200.0	200.0	189.0	189.0	0.3	0.3	-125.24	-54.3	-76.9	94.1	93.5	0.61	153.579	
231.2	231.2	220.1	220.1	0.4	0.4	-126.40	-53.8	-76.8	93.9	93.2	0.72	129.727	CC, ES
300.0	300.0	289.6	289.5	0.5	0.5	-126.17	-51.4	-77.5	94.6	93.6	0.98	96.914	
400.0	399.6	389.1	388.7	0.7	0.7	-124.92	-43.6	-80.8	97.4	96.0	1.40	69.719	
500.0	498.8	489.5	488.1	1.0	1.0	-123.37	-32.2	-87.5	104.2	102.3	1.92	54.184	
600.0	597.1	588.2	585.4	1.4	1.3	-122.02	-17.1	-95.8	113.2	110.7	2.57	44.031	
700.0	694.6	687.1	681.9	1.8	1.7	-120.58	1.1	-106.9	125.1	121.8	3.32	37.677	
800.0	792.2	787.3	778.9	2.2	2.2	-117.97	22.9	-119.6	136.9	132.7	4.17	32.796	
900.0	889.7	886.8	873.8	2.6	2.7	-113.79	49.2	-133.8	148.4	143.3	5.14	28.880	
1,000.0	987.2	983.6	964.3	3.0	3.4	-108.36	79.5	-149.7	161.1	155.0	6.18	26.063	
1,100.0	1,084.7	1,078.5	1,050.8	3.4	4.1	-102.02	113.9	-167.7	176.8	169.5	7.27	24.329	
1,200.0	1,182.2	1,172.0	1,134.2	3.8	4.8	-95.55	151.5	-187.4	196.0	187.7	8.31	23.602	SF
1,300.0	1,279.7	1,262.5	1,213.4	4.2	5.6	-89.65	190.3	-207.9	219.3	210.1	9.26	23.697	
1,400.0	1,377.3	1,351.4	1,289.9	4.7	6.4	-84.49	230.0	-229.6	246.6	236.5	10.11	24.384	
1,500.0	1,474.8	1,436.2	1,361.2	5.1	7.3	-80.03	270.0	-251.8	278.1	267.2	10.89	25.541	
1,600.0	1,572.3	1,520.9	1,430.5	5.5	8.2	-75.85	312.8	-275.3	313.7	302.1	11.60	27.049	
1,700.0	1,669.8	1,610.7	1,503.0	5.9	9.1	-72.02	359.5	-300.4	351.6	339.4	12.26	28.681	
1,800.0	1,767.3	1,697.5	1,572.4	6.4	10.1	-68.87	405.5	-324.7	391.3	378.4	12.87	30.396	
1,900.0	1,864.9	1,786.7	1,643.4	6.8	11.1	-66.09	453.4	-349.7	432.2	418.8	13.46	32.108	
2,000.0	1,962.4	1,877.7	1,715.6	7.2	12.1	-63.64	502.9	-374.6	473.7	459.7	14.03	33.756	
2,100.0	2,059.9	1,967.0	1,786.4	7.6	13.1	-61.56	551.8	-398.7	515.6	501.1	14.58	35.376	
2,200.0	2,157.4	2,053.5	1,854.9	8.0	14.0	-59.86	598.9	-422.2	558.2	543.1	15.11	36.945	
2,300.0	2,254.9	2,135.5	1,919.7	8.5	15.0	-58.50	643.7	-445.4	601.9	586.3	15.63	38.506	
2,400.0	2,352.4	2,218.8	1,985.1	8.9	15.9	-57.35	689.1	-469.8	646.9	630.7	16.16	40.042	
2,500.0	2,450.0	2,304.8	2,052.5	9.3	16.9	-56.37	735.6	-496.0	692.7	676.0	16.70	41.471	
2,600.0	2,547.5	2,396.7	2,124.6	9.7	17.9	-55.45	785.3	-523.8	738.5	721.2	17.26	42.777	
2,700.0	2,645.0	2,491.9	2,199.7	10.2	19.0	-54.64	836.3	-552.2	783.8	765.9	17.83	43.948	
2,800.0	2,742.5	2,589.5	2,277.3	10.6	20.1	-53.91	888.1	-580.9	828.3	809.9	18.42	44.977	
2,900.0	2,840.0	2,683.9	2,352.9	11.0	21.1	-53.30	937.8	-608.1	872.1	853.1	18.99	45.918	
3,000.0	2,937.5	2,770.8	2,422.7	11.4	22.1	-52.82	983.1	-633.3	915.8	896.3	19.55	46.839	
3,100.0	3,035.1	2,860.3	2,494.5	11.9	23.0	-52.40	1,029.5	-659.8	959.9	939.8	20.13	47.677	
3,200.0	3,132.6	2,956.1	2,571.4	12.3	24.1	-51.99	1,079.1	-687.9	1,003.8	983.0	20.73	48.424	
3,300.0	3,230.1	3,056.7	2,652.8	12.7	25.2	-51.62	1,130.5	-717.0	1,046.9	1,025.5	21.34	49.062	
3,400.0	3,327.6	3,158.3	2,735.7	13.1	26.2	-51.30	1,181.6	-746.0	1,089.0	1,067.0	21.96	49.596	
3,500.0	3,425.1	3,259.1	2,818.6	13.6	27.3	-51.05	1,231.4	-774.5	1,130.3	1,107.7	22.58	50.049	
3,600.0	3,522.6	3,364.3	2,905.7	14.0	28.3	-50.81	1,282.7	-803.6	1,170.7	1,147.5	23.23	50.395	
3,700.0	3,620.2	3,450.4	2,977.2	14.4	29.2	-50.63	1,324.5	-827.1	1,210.7	1,186.9	23.83	50.812	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF02D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-125.39	-55.3	-77.8	141.1				
100.0	100.0	0.0	0.0	0.1	0.0	-125.39	-55.3	-77.8	95.5	95.4	0.14	700.491	
134.7	134.7	30.7	30.7	0.2	0.1	-125.39	-55.3	-77.8	95.4	95.2	0.25	380.916	
200.0	200.0	96.0	96.0	0.3	0.2	-125.39	-55.3	-77.8	95.4	94.9	0.48	199.525	CC, ES
300.0	300.0	196.0	196.0	0.5	0.3	-127.88	-55.3	-77.8	97.0	96.2	0.83	116.551	
400.0	399.6	296.1	296.1	0.7	0.5	-130.96	-54.8	-78.1	101.9	100.7	1.21	84.411	
500.0	498.8	396.9	396.8	1.0	0.7	-133.39	-50.3	-80.5	109.6	108.0	1.63	67.282	
600.0	597.1	497.9	497.2	1.4	0.9	-134.75	-41.2	-85.5	119.8	117.7	2.13	56.152	
700.0	694.6	599.0	597.0	1.8	1.3	-134.96	-27.3	-93.0	131.3	128.6	2.73	48.063	
800.0	792.2	700.2	696.0	2.2	1.7	-133.14	-8.9	-103.1	141.6	138.2	3.45	41.011	
900.0	889.7	801.0	793.4	2.6	2.1	-129.60	14.0	-115.6	151.0	146.7	4.32	34.960	
1,000.0	987.2	900.8	888.2	3.0	2.7	-124.67	41.1	-130.4	160.4	155.0	5.33	30.061	
1,100.0	1,084.7	999.0	980.0	3.4	3.4	-118.66	72.0	-147.2	170.7	164.2	6.47	26.383	
1,200.0	1,182.2	1,095.3	1,068.0	3.8	4.1	-111.95	106.3	-165.9	183.3	175.6	7.67	23.891	
1,300.0	1,279.7	1,189.2	1,151.8	4.2	4.9	-104.98	143.4	-186.2	199.3	190.5	8.87	22.477	
1,400.0	1,377.3	1,280.3	1,231.1	4.7	5.7	-98.12	182.9	-207.7	219.7	209.7	9.99	21.993	SF
1,500.0	1,474.8	1,368.5	1,305.6	5.1	6.6	-91.71	224.1	-230.2	245.1	234.1	11.00	22.284	
1,600.0	1,572.3	1,455.2	1,376.8	5.5	7.5	-85.79	267.6	-254.0	275.6	263.7	11.87	23.220	
1,700.0	1,669.8	1,543.3	1,447.9	5.9	8.4	-80.60	313.2	-278.9	310.0	297.3	12.63	24.544	
1,800.0	1,767.3	1,633.3	1,520.6	6.4	9.4	-76.31	359.9	-304.3	346.4	333.1	13.32	26.006	
1,900.0	1,864.9	1,723.4	1,593.3	6.8	10.4	-72.79	406.5	-329.8	384.3	370.4	13.96	27.523	
2,000.0	1,962.4	1,813.4	1,666.0	7.2	11.3	-69.89	453.2	-355.2	423.3	408.7	14.58	29.041	
2,100.0	2,059.9	1,903.5	1,738.7	7.6	12.3	-67.47	499.8	-380.7	463.1	447.9	15.17	30.527	
2,200.0	2,157.4	1,993.6	1,811.5	8.0	13.3	-65.42	546.4	-406.1	503.5	487.7	15.75	31.964	
2,300.0	2,254.9	2,083.6	1,884.2	8.5	14.2	-63.67	593.1	-431.6	544.4	528.0	16.33	33.343	
2,400.0	2,352.4	2,173.7	1,956.9	8.9	15.2	-62.15	639.7	-457.0	585.6	568.7	16.90	34.659	
2,500.0	2,450.0	2,263.7	2,029.6	9.3	16.2	-60.84	686.4	-482.5	627.1	609.7	17.46	35.911	
2,600.0	2,547.5	2,353.8	2,102.3	9.7	17.2	-59.68	733.0	-507.9	668.9	650.9	18.03	37.101	
2,700.0	2,645.0	2,443.9	2,175.0	10.2	18.1	-58.66	779.7	-533.4	710.9	692.3	18.59	38.231	
2,800.0	2,742.5	2,533.9	2,247.7	10.6	19.1	-57.75	826.3	-558.8	753.1	733.9	19.16	39.303	
2,900.0	2,840.0	2,624.0	2,320.5	11.0	20.1	-56.94	873.0	-584.3	795.3	775.6	19.73	40.320	
3,000.0	2,937.5	2,714.0	2,393.2	11.4	21.0	-56.21	919.6	-609.7	837.8	817.5	20.29	41.285	
3,100.0	3,035.1	2,804.1	2,465.9	11.9	22.0	-55.54	966.2	-635.2	880.3	859.4	20.86	42.202	
3,200.0	3,132.6	2,894.2	2,538.6	12.3	23.0	-54.94	1,012.9	-660.6	922.9	901.5	21.43	43.074	
3,300.0	3,230.1	2,984.2	2,611.3	12.7	24.0	-54.39	1,059.5	-686.1	965.6	943.6	21.99	43.902	
3,400.0	3,327.6	3,074.3	2,684.0	13.1	24.9	-53.89	1,106.2	-711.5	1,008.3	985.8	22.56	44.690	
3,500.0	3,425.1	3,164.3	2,756.8	13.6	25.9	-53.43	1,152.8	-737.0	1,051.1	1,028.0	23.13	45.441	
3,600.0	3,522.6	3,254.4	2,829.5	14.0	26.9	-53.00	1,199.5	-762.4	1,094.0	1,070.3	23.70	46.157	
3,700.0	3,620.2	3,344.5	2,902.2	14.4	27.9	-52.61	1,246.1	-787.9	1,136.9	1,112.6	24.27	46.840	
3,800.0	3,717.7	3,434.5	2,974.9	14.8	28.8	-52.24	1,292.7	-813.3	1,179.8	1,155.0	24.84	47.492	
3,900.0	3,815.2	3,524.6	3,047.6	15.2	29.8	-51.90	1,339.4	-838.8	1,222.8	1,197.4	25.41	48.116	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF07B I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 190-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-126.22	-64.9	-88.6	110.4				
100.0	100.0	87.9	87.8	0.1	0.1	-126.06	-64.6	-88.8	109.8	109.6	0.28	394.749	CC
200.0	200.0	187.7	187.7	0.3	0.3	-125.48	-63.9	-89.6	110.0	109.4	0.61	179.177	ES
300.0	300.0	287.5	287.5	0.5	0.5	-126.26	-61.6	-91.6	112.0	111.0	0.98	114.200	
400.0	399.6	386.6	386.4	0.7	0.7	-126.13	-56.9	-95.8	117.3	115.9	1.39	84.255	
500.0	498.8	484.0	483.2	1.0	0.9	-126.17	-50.1	-103.0	127.0	125.2	1.87	67.788	
600.0	597.1	581.7	579.9	1.4	1.2	-126.13	-40.8	-113.4	141.1	138.7	2.45	57.506	
700.0	694.6	678.6	675.2	1.8	1.6	-126.13	-29.4	-126.7	158.6	155.4	3.11	50.959	
800.0	792.2	775.5	769.5	2.2	2.0	-124.57	-14.4	-143.4	176.9	173.0	3.88	45.577	
900.0	889.7	869.0	858.9	2.6	2.5	-121.69	3.8	-163.6	196.8	192.1	4.73	41.586	
1,000.0	987.2	962.5	946.8	3.0	3.1	-118.14	24.7	-187.6	219.6	213.9	5.66	38.773	
1,100.0	1,084.7	1,054.7	1,032.2	3.4	3.7	-114.48	47.7	-213.6	244.3	237.6	6.63	36.868	
1,200.0	1,182.2	1,141.7	1,111.3	3.8	4.4	-110.96	71.2	-241.2	272.4	264.8	7.58	35.924	
1,300.0	1,279.7	1,229.0	1,189.3	4.2	5.1	-107.54	96.2	-271.5	303.9	295.4	8.54	35.576	SF
1,400.0	1,377.3	1,314.3	1,263.8	4.7	5.9	-104.25	122.8	-303.3	338.3	328.8	9.50	35.611	
1,500.0	1,474.8	1,395.6	1,333.1	5.1	6.7	-101.20	150.2	-335.7	376.0	365.6	10.42	36.101	
1,600.0	1,572.3	1,479.2	1,403.1	5.5	7.6	-98.34	179.4	-370.9	416.7	405.4	11.32	36.814	
1,700.0	1,669.8	1,562.8	1,472.5	5.9	8.5	-95.84	209.1	-406.9	459.3	447.1	12.19	37.666	
1,800.0	1,767.3	1,647.1	1,541.8	6.4	9.4	-93.64	239.5	-444.0	503.5	490.5	13.05	38.589	
1,900.0	1,864.9	1,734.5	1,613.2	6.8	10.4	-91.62	271.8	-482.7	548.7	534.8	13.90	39.476	
2,000.0	1,962.4	1,821.6	1,684.1	7.2	11.3	-89.83	304.5	-521.2	594.2	579.5	14.72	40.354	
2,100.0	2,059.9	1,904.3	1,751.3	7.6	12.3	-88.36	335.6	-558.1	640.6	625.1	15.51	41.296	
2,200.0	2,157.4	1,994.0	1,824.0	8.0	13.3	-86.98	369.3	-598.4	687.6	671.3	16.32	42.129	
2,300.0	2,254.9	2,085.8	1,898.8	8.5	14.3	-85.75	403.8	-639.1	734.3	717.2	17.13	42.873	
2,400.0	2,352.4	2,171.8	1,968.9	8.9	15.2	-84.74	436.0	-676.9	780.9	763.0	17.90	43.625	
2,500.0	2,450.0	2,247.4	2,030.3	9.3	16.1	-83.95	464.2	-710.9	828.6	809.9	18.62	44.491	
2,600.0	2,547.5	2,324.3	2,092.3	9.7	17.0	-83.25	492.7	-746.5	877.6	858.2	19.35	45.352	
2,700.0	2,645.0	2,408.9	2,160.1	10.2	18.0	-82.54	524.1	-785.9	927.2	907.1	20.10	46.120	
2,800.0	2,742.5	2,498.5	2,232.1	10.6	19.0	-81.88	557.3	-827.7	976.8	956.0	20.87	46.801	
2,900.0	2,840.0	2,593.9	2,309.1	11.0	20.1	-81.25	592.4	-871.7	1,026.0	1,004.4	21.66	47.368	
3,000.0	2,937.5	2,687.1	2,384.9	11.4	21.1	-80.74	626.1	-914.3	1,074.6	1,052.2	22.43	47.902	
3,100.0	3,035.1	2,776.0	2,457.4	11.9	22.1	-80.32	657.9	-954.7	1,123.0	1,099.8	23.20	48.405	
3,200.0	3,132.6	2,880.8	2,543.0	12.3	23.3	-79.81	696.3	-1,001.4	1,170.8	1,146.8	24.03	48.729	
3,300.0	3,230.1	2,969.5	2,615.7	12.7	24.3	-79.40	729.0	-1,040.3	1,217.9	1,193.1	24.78	49.140	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF07B I 25 596 - DD - Plan #2

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-126.22	-64.9	-88.6	151.9				
100.0	100.0	0.0	0.0	0.1	0.0	-126.22	-64.9	-88.6	109.9	109.7	0.14	805.981	
135.1	135.1	30.1	30.1	0.2	0.1	-126.22	-64.9	-88.6	109.8	109.5	0.25	439.029	
200.0	200.0	95.0	95.0	0.3	0.2	-126.22	-64.9	-88.6	109.8	109.3	0.48	230.375	CC, ES
300.0	300.0	195.0	195.0	0.5	0.3	-128.54	-64.9	-88.6	111.4	110.6	0.83	134.126	
400.0	399.6	294.2	294.2	0.7	0.5	-131.18	-64.5	-88.9	116.5	115.3	1.20	96.814	
500.0	498.8	392.6	392.5	1.0	0.7	-133.23	-61.4	-92.6	126.1	124.5	1.62	77.751	
600.0	597.1	490.8	490.1	1.4	0.9	-134.31	-55.1	-100.2	140.0	137.9	2.12	65.986	
700.0	694.6	588.5	586.7	1.8	1.2	-134.48	-45.7	-111.5	157.2	154.5	2.71	57.944	
800.0	792.2	685.8	682.0	2.2	1.6	-133.09	-33.1	-126.5	175.1	171.7	3.41	51.377	
900.0	889.7	782.2	775.4	2.6	2.1	-130.51	-17.6	-145.1	193.9	189.7	4.21	46.039	
1,000.0	987.2	877.4	866.1	3.0	2.6	-127.14	0.7	-166.9	214.1	209.0	5.11	41.871	
1,100.0	1,084.7	970.7	953.7	3.4	3.2	-123.29	21.4	-191.6	236.3	230.2	6.09	38.794	
1,200.0	1,182.2	1,061.9	1,037.7	3.8	3.9	-119.22	44.3	-218.9	261.0	253.9	7.12	36.685	
1,300.0	1,279.7	1,150.7	1,117.6	4.2	4.6	-115.14	69.0	-248.4	288.9	280.7	8.16	35.407	
1,400.0	1,377.3	1,236.7	1,193.3	4.7	5.4	-111.19	95.1	-279.7	320.1	310.9	9.19	34.823	
1,500.0	1,474.8	1,319.7	1,264.6	5.1	6.2	-107.46	122.5	-312.3	355.0	344.8	10.20	34.807	SF
1,600.0	1,572.3	1,400.0	1,331.8	5.5	7.1	-103.99	150.8	-346.1	393.5	382.4	11.16	35.248	
1,700.0	1,669.8	1,486.1	1,402.4	5.9	8.0	-100.63	182.3	-383.8	435.0	422.9	12.12	35.899	
1,800.0	1,767.3	1,574.0	1,474.6	6.4	9.0	-97.75	214.6	-422.3	477.6	464.5	13.03	36.639	
1,900.0	1,864.9	1,661.9	1,546.7	6.8	9.9	-95.33	246.8	-460.8	521.1	507.1	13.92	37.438	
2,000.0	1,962.4	1,749.9	1,618.9	7.2	10.9	-93.27	279.1	-499.4	565.2	550.4	14.77	38.255	
2,100.0	2,059.9	1,837.8	1,691.0	7.6	11.8	-91.50	311.4	-537.9	609.9	594.3	15.61	39.067	
2,200.0	2,157.4	1,925.7	1,763.2	8.0	12.8	-89.97	343.6	-576.4	655.0	638.5	16.43	39.861	
2,300.0	2,254.9	2,013.6	1,835.3	8.5	13.8	-88.62	375.9	-614.9	700.4	683.2	17.24	40.629	
2,400.0	2,352.4	2,101.6	1,907.5	8.9	14.7	-87.44	408.1	-653.5	746.1	728.1	18.04	41.366	
2,500.0	2,450.0	2,189.5	1,979.7	9.3	15.7	-86.40	440.4	-692.0	792.0	773.2	18.83	42.070	
2,600.0	2,547.5	2,277.4	2,051.8	9.7	16.6	-85.46	472.6	-730.5	838.1	818.5	19.61	42.742	
2,700.0	2,645.0	2,365.4	2,124.0	10.2	17.6	-84.62	504.9	-769.0	884.4	864.0	20.39	43.382	
2,800.0	2,742.5	2,453.3	2,196.1	10.6	18.6	-83.87	537.2	-807.6	930.8	909.7	21.16	43.991	
2,900.0	2,840.0	2,541.2	2,268.3	11.0	19.5	-83.18	569.4	-846.1	977.4	955.4	21.93	44.570	
3,000.0	2,937.5	2,629.1	2,340.5	11.4	20.5	-82.56	601.7	-884.6	1,024.0	1,001.3	22.69	45.121	
3,100.0	3,035.1	2,717.1	2,412.6	11.9	21.5	-81.99	633.9	-923.1	1,070.7	1,047.3	23.46	45.644	
3,200.0	3,132.6	2,805.0	2,484.8	12.3	22.4	-81.46	666.2	-961.7	1,117.5	1,093.3	24.22	46.142	
3,300.0	3,230.1	2,892.9	2,556.9	12.7	23.4	-80.98	698.4	-1,000.2	1,164.4	1,139.4	24.98	46.617	
3,400.0	3,327.6	2,980.9	2,629.1	13.1	24.4	-80.54	730.7	-1,038.7	1,211.3	1,185.6	25.73	47.068	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF07D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 150-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-149.04	-112.2	-67.3	131.3				
100.0	100.0	88.0	88.0	0.1	0.1	-149.02	-112.1	-67.3	130.8	130.5	0.27	478.437	CC
137.0	137.0	125.0	125.0	0.2	0.2	-149.01	-112.1	-67.3	130.8	130.4	0.40	330.534	
200.0	200.0	187.9	187.9	0.3	0.3	-148.96	-112.1	-67.4	130.8	130.2	0.61	214.199	ES
300.0	300.0	287.6	287.6	0.5	0.5	-150.64	-112.1	-67.8	133.3	132.3	0.96	138.700	
400.0	399.6	386.7	386.7	0.7	0.6	-151.69	-111.9	-68.9	140.5	139.2	1.32	106.686	
500.0	498.8	487.3	487.3	1.0	0.8	-153.35	-111.7	-70.3	152.6	150.9	1.69	90.491	
600.0	597.1	589.2	589.0	1.4	1.0	-154.07	-107.7	-74.7	167.6	165.5	2.08	80.411	
700.0	694.6	689.5	688.9	1.8	1.2	-154.14	-100.8	-81.6	184.4	181.8	2.52	73.242	
800.0	792.2	788.1	786.6	2.2	1.5	-153.41	-92.4	-90.8	201.0	198.0	2.99	67.165	
900.0	889.7	886.5	883.9	2.6	1.7	-152.26	-83.1	-101.8	217.8	214.3	3.51	61.992	
1,000.0	987.2	985.5	981.7	3.0	2.0	-150.90	-73.1	-114.2	234.7	230.6	4.08	57.538	
1,100.0	1,084.7	1,085.2	1,079.5	3.4	2.4	-148.96	-60.9	-129.1	251.0	246.3	4.72	53.158	
1,200.0	1,182.2	1,183.7	1,175.6	3.8	2.8	-146.73	-47.3	-145.8	267.6	262.2	5.43	49.279	
1,300.0	1,279.7	1,282.0	1,271.0	4.2	3.2	-144.34	-32.5	-164.2	284.4	278.2	6.20	45.846	
1,400.0	1,377.3	1,381.3	1,366.6	4.7	3.7	-141.58	-15.5	-185.0	301.4	294.4	7.07	42.654	
1,500.0	1,474.8	1,475.9	1,457.0	5.1	4.2	-138.77	2.3	-206.7	319.2	311.3	7.97	40.053	
1,600.0	1,572.3	1,574.1	1,550.0	5.5	4.7	-135.78	21.9	-231.1	338.2	329.2	8.95	37.762	
1,700.0	1,669.8	1,669.2	1,639.4	5.9	5.3	-132.81	42.6	-256.1	357.8	347.9	9.97	35.895	
1,800.0	1,767.3	1,764.3	1,728.0	6.4	5.9	-129.81	64.5	-282.8	378.9	367.9	11.02	34.375	
1,900.0	1,864.9	1,859.1	1,816.1	6.8	6.5	-127.06	86.8	-309.8	401.0	388.9	12.07	33.230	
2,000.0	1,962.4	1,951.7	1,902.0	7.2	7.2	-124.57	108.5	-336.8	424.5	411.4	13.09	32.418	
2,100.0	2,059.9	2,047.7	1,990.8	7.6	7.8	-122.18	131.4	-365.3	449.0	434.9	14.13	31.771	
2,200.0	2,157.4	2,142.7	2,078.5	8.0	8.5	-120.05	154.1	-393.6	474.2	459.1	15.15	31.297	
2,300.0	2,254.9	2,238.9	2,167.2	8.5	9.2	-118.00	177.9	-422.4	499.7	483.6	16.17	30.898	
2,400.0	2,352.4	2,328.6	2,249.8	8.9	9.9	-116.26	199.9	-449.8	526.5	509.3	17.14	30.725	
2,500.0	2,450.0	2,423.7	2,337.1	9.3	10.5	-114.57	223.2	-479.2	554.0	535.9	18.12	30.578	
2,600.0	2,547.5	2,517.4	2,423.0	9.7	11.2	-113.03	246.5	-508.3	582.1	563.0	19.08	30.503	
2,700.0	2,645.0	2,610.3	2,508.3	10.2	11.9	-111.64	269.4	-537.4	610.7	590.7	20.02	30.504	
2,800.0	2,742.5	2,709.6	2,599.5	10.6	12.6	-110.34	293.4	-568.2	639.6	618.6	20.98	30.482	SF
2,900.0	2,840.0	2,805.9	2,688.3	11.0	13.3	-109.22	316.6	-597.6	668.1	646.2	21.91	30.500	
3,000.0	2,937.5	2,901.2	2,776.5	11.4	14.0	-108.28	338.7	-626.2	696.8	674.0	22.80	30.562	
3,100.0	3,035.1	2,993.4	2,862.0	11.9	14.6	-107.51	359.2	-653.9	725.8	702.2	23.67	30.662	
3,200.0	3,132.6	3,092.6	2,953.9	12.3	15.3	-106.73	381.6	-683.7	755.0	730.4	24.58	30.708	
3,300.0	3,230.1	3,191.5	3,045.7	12.7	16.0	-106.00	404.2	-713.0	783.7	758.2	25.48	30.756	
3,400.0	3,327.6	3,293.7	3,140.8	13.1	16.7	-105.35	427.1	-742.5	811.9	785.5	26.38	30.772	
3,500.0	3,425.1	3,393.3	3,233.6	13.6	17.4	-104.75	449.7	-770.7	839.5	812.2	27.28	30.777	
3,600.0	3,522.6	3,490.4	3,324.2	14.0	18.0	-104.20	471.9	-797.8	866.9	838.8	28.15	30.795	
3,700.0	3,620.2	3,584.2	3,411.7	14.4	18.7	-103.72	493.0	-824.1	894.5	865.5	29.01	30.837	
3,800.0	3,717.7	3,680.1	3,501.0	14.8	19.3	-103.22	515.3	-851.1	922.2	892.3	29.88	30.859	
3,900.0	3,815.2	3,771.5	3,585.9	15.2	20.0	-102.73	536.9	-877.2	950.2	919.5	30.73	30.920	
4,000.0	3,912.7	3,867.1	3,674.7	15.7	20.6	-102.27	559.0	-904.7	978.6	947.0	31.58	30.982	
4,100.0	4,010.2	3,968.4	3,769.5	16.1	21.3	-101.94	580.6	-933.1	1,006.6	974.2	32.44	31.034	
4,200.0	4,107.8	4,073.1	3,868.4	16.5	21.9	-101.79	600.3	-961.4	1,034.2	1,000.9	33.27	31.083	
4,300.0	4,205.3	4,175.6	3,966.3	16.9	22.4	-101.89	615.6	-987.3	1,060.6	1,026.5	34.09	31.114	
4,400.0	4,302.8	4,261.3	4,048.2	17.4	22.9	-101.98	628.3	-1,009.1	1,087.4	1,052.6	34.85	31.199	
4,500.0	4,400.3	4,342.1	4,125.0	17.8	23.4	-102.02	640.6	-1,030.9	1,115.6	1,080.0	35.61	31.331	
4,600.0	4,497.8	4,428.1	4,206.4	18.2	24.0	-102.01	654.5	-1,055.2	1,144.7	1,108.3	36.39	31.456	
4,700.0	4,595.3	4,520.6	4,293.2	18.6	24.6	-101.89	671.3	-1,082.2	1,174.4	1,137.2	37.22	31.550	
4,800.0	4,692.9	4,625.4	4,391.2	19.1	25.3	-101.65	692.5	-1,112.8	1,203.9	1,165.8	38.11	31.588	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08B I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 127-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-124.35	-45.3	-66.3	81.3				
100.0	100.0	87.9	87.9	0.1	0.1	-124.50	-45.5	-66.3	80.4	80.1	0.27	297.190	CC
200.0	200.0	188.0	188.0	0.3	0.3	-124.85	-46.0	-66.1	80.5	79.9	0.61	131.764	ES
300.0	300.0	288.1	288.1	0.5	0.5	-127.37	-45.8	-66.2	82.1	81.1	0.97	85.020	
400.0	399.6	388.7	388.6	0.7	0.7	-130.14	-43.9	-67.0	86.4	85.1	1.34	64.395	
500.0	498.8	488.6	488.5	1.0	0.8	-134.01	-40.4	-68.1	93.8	92.0	1.75	53.576	
600.0	597.1	589.1	588.8	1.4	1.0	-138.00	-34.6	-70.1	104.3	102.1	2.19	47.606	
700.0	694.6	692.0	691.2	1.8	1.3	-140.77	-24.3	-73.5	115.9	113.2	2.67	43.391	
800.0	792.2	794.7	792.6	2.2	1.6	-141.35	-9.0	-77.7	124.5	121.3	3.21	38.812	
900.0	889.7	896.9	892.9	2.6	1.9	-140.34	10.1	-83.2	131.0	127.1	3.82	34.286	
1,000.0	987.2	999.5	992.7	3.0	2.3	-138.06	32.8	-89.8	135.5	131.0	4.54	29.849	
1,100.0	1,084.7	1,101.0	1,090.5	3.4	2.8	-134.65	58.7	-97.2	138.6	133.2	5.38	25.739	
1,200.0	1,182.2	1,200.4	1,185.5	3.8	3.3	-130.23	86.5	-106.2	141.7	135.3	6.35	22.310	
1,300.0	1,279.7	1,300.0	1,280.1	4.2	3.8	-125.28	115.9	-116.2	145.6	138.2	7.43	19.603	
1,400.0	1,377.3	1,399.4	1,373.5	4.7	4.5	-119.35	148.0	-127.7	150.5	141.8	8.63	17.437	
1,500.0	1,474.8	1,495.2	1,462.1	5.1	5.1	-112.58	182.1	-140.9	157.7	147.8	9.90	15.930	
1,600.0	1,572.3	1,592.1	1,550.1	5.5	5.8	-105.13	219.5	-156.5	168.4	157.3	11.18	15.064	
1,700.0	1,669.8	1,688.4	1,636.4	5.9	6.6	-97.83	259.1	-172.5	182.0	169.7	12.35	14.736	SF
1,800.0	1,767.3	1,783.9	1,721.2	6.4	7.4	-91.16	299.8	-188.6	198.6	185.3	13.38	14.847	
1,900.0	1,864.9	1,880.3	1,806.6	6.8	8.2	-85.32	341.5	-205.1	217.8	203.5	14.25	15.282	
2,000.0	1,962.4	1,976.2	1,891.8	7.2	9.0	-80.59	382.4	-221.2	238.5	223.5	15.03	15.865	
2,100.0	2,059.9	2,073.4	1,978.2	7.6	9.7	-76.54	423.9	-237.4	260.5	244.7	15.74	16.552	
2,200.0	2,157.4	2,170.1	2,064.1	8.0	10.5	-73.15	465.2	-253.5	283.4	267.0	16.40	17.286	
2,300.0	2,254.9	2,267.2	2,150.6	8.5	11.3	-70.21	506.6	-268.9	306.4	289.4	17.02	18.003	
2,400.0	2,352.4	2,362.9	2,235.6	8.9	12.1	-67.65	547.8	-284.1	330.2	312.6	17.61	18.756	
2,500.0	2,450.0	2,458.3	2,320.3	9.3	12.9	-65.40	589.1	-299.2	354.7	336.6	18.18	19.515	
2,600.0	2,547.5	2,558.7	2,409.7	9.7	13.7	-63.37	632.2	-314.7	379.2	360.4	18.74	20.236	
2,700.0	2,645.0	2,660.5	2,501.2	10.2	14.5	-61.77	674.2	-329.9	402.5	383.2	19.32	20.834	
2,800.0	2,742.5	2,750.8	2,582.3	10.6	15.2	-60.55	711.3	-343.8	426.5	406.6	19.89	21.446	
2,900.0	2,840.0	2,843.8	2,665.3	11.0	16.0	-59.44	750.0	-359.4	452.2	431.7	20.45	22.112	
3,000.0	2,937.5	2,944.4	2,756.0	11.4	16.8	-58.54	790.4	-376.3	477.0	456.0	21.06	22.652	
3,100.0	3,035.1	3,036.3	2,838.3	11.9	17.5	-57.75	827.9	-392.0	502.8	481.1	21.64	23.230	
3,200.0	3,132.6	3,134.7	2,926.7	12.3	18.3	-57.05	867.5	-409.1	528.4	506.2	22.25	23.745	
3,300.0	3,230.1	3,230.1	3,012.3	12.7	19.1	-56.38	906.6	-425.5	554.4	531.5	22.85	24.263	
3,400.0	3,327.6	3,328.6	3,100.8	13.1	19.8	-55.77	946.4	-442.3	580.0	556.6	23.45	24.731	
3,500.0	3,425.1	3,424.9	3,187.3	13.6	20.6	-55.24	985.3	-458.9	605.8	581.7	24.06	25.182	
3,600.0	3,522.6	3,524.3	3,276.7	14.0	21.4	-54.74	1,025.3	-475.7	631.3	606.6	24.68	25.583	
3,700.0	3,620.2	3,621.2	3,363.8	14.4	22.2	-54.19	1,064.9	-491.2	656.5	631.3	25.26	25.988	
3,800.0	3,717.7	3,719.0	3,451.7	14.8	22.9	-53.69	1,104.9	-507.0	681.9	656.1	25.86	26.374	
3,900.0	3,815.2	3,822.7	3,545.0	15.2	23.7	-53.16	1,147.2	-522.9	706.7	680.2	26.46	26.711	
4,000.0	3,912.7	3,931.1	3,642.9	15.7	24.6	-52.62	1,191.1	-538.4	730.3	703.3	27.05	26.999	
4,100.0	4,010.2	4,054.1	3,755.7	16.1	25.4	-52.26	1,237.1	-555.3	751.7	724.0	27.71	27.123	
4,200.0	4,107.8	4,183.3	3,876.8	16.5	26.2	-52.35	1,278.2	-572.9	769.1	740.6	28.51	26.972	
4,300.0	4,205.3	4,294.5	3,982.4	16.9	26.8	-52.57	1,310.3	-586.9	783.8	754.5	29.32	26.733	
4,400.0	4,302.8	4,407.1	4,089.8	17.4	27.4	-52.82	1,341.4	-600.1	796.9	766.8	30.13	26.451	
4,500.0	4,400.3	4,519.7	4,198.0	17.8	28.0	-53.19	1,369.9	-612.7	808.2	777.3	30.98	26.093	
4,600.0	4,497.8	4,627.8	4,302.4	18.2	28.5	-53.59	1,395.8	-624.3	818.3	786.5	31.84	25.704	
4,700.0	4,595.3	4,733.1	4,404.0	18.6	29.0	-53.92	1,421.2	-634.2	827.5	794.9	32.66	25.336	
4,800.0	4,692.9	4,845.2	4,512.7	19.1	29.5	-54.29	1,447.1	-644.1	835.5	802.0	33.53	24.922	
4,900.0	4,790.4	4,964.6	4,628.9	19.5	30.0	-54.75	1,472.5	-653.6	841.9	807.5	34.45	24.441	
5,000.0	4,887.9	5,090.5	4,752.3	19.9	30.5	-55.34	1,496.2	-661.9	845.8	810.3	35.43	23.869	
5,100.0	4,985.4	5,219.8	4,879.9	20.3	30.9	-56.14	1,515.4	-668.5	846.0	809.5	36.48	23.192	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08B I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 127-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,200.0	5,083.7	5,363.9	5,023.3	20.7	31.2	-57.02	1,529.6	-673.3	844.0	806.6	37.40	22.563	
5,300.0	5,182.7	5,483.8	5,142.9	20.9	31.3	-57.59	1,536.0	-675.3	841.1	803.1	38.02	22.123	
5,400.0	5,282.4	5,598.2	5,257.3	21.1	31.4	-57.98	1,538.8	-676.7	839.0	800.6	38.45	21.822	
5,477.4	5,359.7	5,681.3	5,340.5	21.1	31.5	-58.10	1,539.8	-677.2	838.4	799.7	38.63	21.702	
5,500.0	5,382.3	5,703.7	5,362.9	21.2	31.5	-58.11	1,540.0	-677.3	838.4	799.8	38.67	21.684	
5,600.0	5,482.3	5,802.2	5,461.3	21.2	31.6	63.74	1,540.9	-677.9	839.3	800.5	38.82	21.620	
5,700.0	5,582.3	5,899.2	5,558.3	21.3	31.6	63.75	1,541.2	-679.1	840.3	801.3	38.98	21.560	
5,800.0	5,682.3	5,996.9	5,656.0	21.4	31.7	63.72	1,541.3	-680.9	841.6	802.5	39.15	21.499	
5,900.0	5,782.3	6,071.0	5,730.1	21.5	31.8	63.68	1,541.3	-682.5	843.6	804.3	39.30	21.463	
6,000.0	5,882.3	6,071.0	5,730.1	21.5	31.8	63.68	1,541.3	-682.5	854.0	814.6	39.39	21.679	
6,100.0	5,982.3	6,071.0	5,730.1	21.6	31.8	63.68	1,541.3	-682.5	875.7	836.2	39.48	22.182	
6,200.0	6,082.3	6,071.0	5,730.1	21.7	31.8	63.68	1,541.3	-682.5	908.0	868.5	39.57	22.948	
6,300.0	6,182.3	6,071.0	5,730.1	21.8	31.8	63.68	1,541.3	-682.5	949.8	910.1	39.66	23.949	
6,400.0	6,282.3	6,071.0	5,730.1	21.9	31.8	63.68	1,541.3	-682.5	999.9	960.1	39.75	25.153	
6,500.0	6,382.3	6,071.0	5,730.1	22.0	31.8	63.68	1,541.3	-682.5	1,057.1	1,017.2	39.85	26.529	
6,600.0	6,482.3	6,071.0	5,730.1	22.0	31.8	63.68	1,541.3	-682.5	1,120.3	1,080.3	39.94	28.049	
6,700.0	6,582.3	6,071.0	5,730.1	22.1	31.8	63.68	1,541.3	-682.5	1,188.5	1,148.5	40.04	29.687	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08B I 25 596 - DD - Plan #1 — **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD — **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-124.35	-45.3	-66.3	133.0				
100.0	100.0	0.0	0.0	0.1	0.0	-124.35	-45.3	-66.3	80.6	80.4	0.14	591.061	
135.5	135.5	29.5	29.5	0.2	0.1	-124.35	-45.3	-66.3	80.4	80.1	0.25	321.964	
200.0	200.0	94.0	94.0	0.3	0.2	-124.35	-45.3	-66.3	80.4	79.9	0.47	169.269	CC, ES
300.0	300.0	194.0	194.0	0.5	0.3	-127.09	-45.3	-66.3	81.9	81.1	0.83	98.817	
400.0	399.6	294.0	294.0	0.7	0.5	-130.91	-45.0	-66.5	86.8	85.6	1.20	72.113	
500.0	498.8	394.5	394.4	1.0	0.7	-134.84	-42.0	-67.8	94.7	93.1	1.61	58.769	
600.0	597.1	495.0	494.7	1.4	0.9	-138.25	-35.7	-70.5	105.5	103.4	2.06	51.156	
700.0	694.6	595.8	594.9	1.8	1.1	-140.78	-26.2	-74.7	118.0	115.4	2.55	46.311	
800.0	792.2	697.1	695.3	2.2	1.4	-141.53	-13.4	-80.3	129.2	126.1	3.09	41.872	
900.0	889.7	798.8	795.4	2.6	1.8	-140.83	2.7	-87.3	138.8	135.1	3.70	37.553	
1,000.0	987.2	900.5	895.0	3.0	2.2	-138.96	22.1	-95.7	146.9	142.5	4.40	33.376	
1,100.0	1,084.7	1,002.1	993.5	3.4	2.6	-136.06	44.6	-105.6	153.9	148.6	5.22	29.455	
1,200.0	1,182.2	1,103.3	1,090.7	3.8	3.1	-132.22	70.3	-116.7	160.0	153.8	6.17	25.929	
1,300.0	1,279.7	1,203.8	1,186.2	4.2	3.7	-127.52	98.9	-129.2	166.0	158.7	7.25	22.909	
1,400.0	1,377.3	1,303.3	1,279.8	4.7	4.3	-122.08	130.2	-142.9	172.4	164.0	8.43	20.464	
1,500.0	1,474.8	1,401.8	1,371.0	5.1	5.0	-116.06	164.1	-157.6	180.2	170.5	9.68	18.621	
1,600.0	1,572.3	1,498.9	1,459.7	5.5	5.7	-109.66	200.3	-173.4	190.1	179.1	10.94	17.371	
1,700.0	1,669.8	1,595.0	1,546.3	5.9	6.4	-103.19	238.5	-190.1	202.7	190.6	12.14	16.694	
1,800.0	1,767.3	1,691.5	1,633.0	6.4	7.2	-97.37	277.3	-207.0	217.8	204.6	13.23	16.465	SF
1,900.0	1,864.9	1,788.0	1,719.7	6.8	8.0	-92.32	316.1	-223.9	235.0	220.7	14.21	16.533	
2,000.0	1,962.4	1,884.4	1,806.4	7.2	8.7	-87.96	354.8	-240.8	253.7	238.6	15.11	16.792	
2,100.0	2,059.9	1,980.9	1,893.1	7.6	9.5	-84.20	393.6	-257.7	273.7	257.7	15.93	17.176	
2,200.0	2,157.4	2,077.3	1,979.8	8.0	10.2	-80.95	432.3	-274.5	294.7	278.0	16.71	17.637	
2,300.0	2,254.9	2,173.8	2,066.5	8.5	11.0	-78.12	471.1	-291.4	316.5	299.0	17.44	18.144	
2,400.0	2,352.4	2,270.2	2,153.2	8.9	11.7	-75.66	509.9	-308.3	338.9	320.8	18.15	18.676	
2,500.0	2,450.0	2,366.7	2,239.9	9.3	12.5	-73.50	548.6	-325.2	361.9	343.1	18.83	19.220	
2,600.0	2,547.5	2,463.2	2,326.6	9.7	13.3	-71.60	587.4	-342.1	385.3	365.8	19.50	19.764	
2,700.0	2,645.0	2,559.6	2,413.3	10.2	14.0	-69.92	626.1	-359.0	409.1	388.9	20.15	20.303	
2,800.0	2,742.5	2,656.1	2,500.0	10.6	14.8	-68.42	664.9	-375.9	433.2	412.4	20.79	20.831	
2,900.0	2,840.0	2,752.5	2,586.7	11.0	15.6	-67.07	703.7	-392.8	457.5	436.1	21.43	21.347	
3,000.0	2,937.5	2,849.0	2,673.4	11.4	16.3	-65.86	742.4	-409.7	482.1	460.0	22.06	21.848	
3,100.0	3,035.1	2,945.4	2,760.1	11.9	17.1	-64.77	781.2	-426.6	506.8	484.1	22.69	22.332	
3,200.0	3,132.6	3,041.9	2,846.8	12.3	17.9	-63.78	819.9	-443.5	531.7	508.4	23.32	22.801	
3,300.0	3,230.1	3,138.4	2,933.5	12.7	18.6	-62.88	858.7	-460.4	556.7	532.8	23.94	23.253	
3,400.0	3,327.6	3,234.8	3,020.2	13.1	19.4	-62.05	897.5	-477.3	581.9	557.3	24.56	23.688	
3,500.0	3,425.1	3,331.3	3,106.9	13.6	20.2	-61.29	936.2	-494.2	607.1	581.9	25.18	24.107	
3,600.0	3,522.6	3,427.7	3,193.6	14.0	20.9	-60.59	975.0	-511.1	632.5	606.7	25.80	24.511	
3,700.0	3,620.2	3,524.2	3,280.3	14.4	21.7	-59.95	1,013.7	-528.0	657.9	631.5	26.42	24.899	
3,800.0	3,717.7	3,620.6	3,367.0	14.8	22.5	-59.35	1,052.5	-544.8	683.4	656.3	27.04	25.272	
3,900.0	3,815.2	3,717.1	3,453.7	15.2	23.2	-58.80	1,091.3	-561.7	708.9	681.3	27.66	25.632	
4,000.0	3,912.7	3,813.6	3,540.4	15.7	24.0	-58.29	1,130.0	-578.6	734.6	706.3	28.28	25.978	
4,100.0	4,010.2	3,910.0	3,627.1	16.1	24.8	-57.81	1,168.8	-595.5	760.2	731.3	28.89	26.311	
4,200.0	4,107.8	4,006.5	3,713.7	16.5	25.5	-57.36	1,207.5	-612.4	786.0	756.4	29.51	26.631	
4,300.0	4,205.3	4,114.5	3,811.0	16.9	26.4	-56.90	1,250.6	-631.2	811.5	781.3	30.16	26.906	
4,400.0	4,302.8	4,242.8	3,928.5	17.4	27.3	-56.58	1,298.0	-651.8	834.1	803.2	30.89	26.999	
4,500.0	4,400.3	4,373.4	4,050.3	17.8	28.1	-56.48	1,341.2	-670.7	852.9	821.2	31.69	26.913	
4,600.0	4,497.8	4,505.8	4,175.7	18.2	28.8	-56.61	1,379.7	-687.5	868.0	835.4	32.56	26.659	
4,700.0	4,595.3	4,639.3	4,304.2	18.6	29.5	-56.95	1,413.2	-702.1	879.2	845.7	33.49	26.255	
4,800.0	4,692.9	4,773.5	4,434.8	19.1	30.0	-57.50	1,441.2	-714.3	886.5	852.1	34.48	25.709	
4,900.0	4,790.4	4,907.7	4,566.7	19.5	30.4	-58.27	1,463.7	-724.1	890.0	854.5	35.54	25.040	
5,000.0	4,887.9	5,041.3	4,699.1	19.9	30.8	-59.25	1,480.4	-731.3	889.8	853.1	36.66	24.269	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08B I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,100.0	4,985.4	5,173.9	4,831.2	20.3	31.0	-60.43	1,491.3	-736.1	886.0	848.2	37.82	23.428	
5,200.0	5,083.7	5,305.7	4,962.8	20.7	31.1	-61.46	1,496.6	-738.4	880.4	841.7	38.71	22.742	
5,300.0	5,182.7	5,419.6	5,076.7	20.9	31.2	-62.17	1,497.2	-738.7	874.4	835.0	39.34	22.225	
5,400.0	5,282.4	5,519.3	5,176.4	21.1	31.2	-62.55	1,497.2	-738.7	870.5	830.8	39.73	21.910	
5,500.0	5,382.3	5,619.2	5,276.3	21.2	31.3	-62.69	1,497.2	-738.7	869.1	829.2	39.94	21.760	
5,600.0	5,482.3	5,719.2	5,376.3	21.2	31.4	59.13	1,497.2	-738.7	869.0	828.9	40.10	21.670	
5,700.0	5,582.3	5,819.2	5,476.3	21.3	31.4	59.16	1,497.2	-738.7	868.7	828.5	40.25	21.582	
5,800.0	5,682.3	5,919.2	5,576.3	21.4	31.5	59.19	1,497.2	-738.7	868.4	828.0	40.40	21.493	
5,900.0	5,782.3	6,019.2	5,676.3	21.5	31.5	59.23	1,497.2	-738.7	868.1	827.6	40.56	21.404	
6,000.0	5,882.3	6,119.2	5,776.3	21.5	31.6	59.26	1,497.2	-738.7	867.8	827.1	40.72	21.315	
6,100.0	5,982.3	6,219.2	5,876.3	21.6	31.6	59.29	1,497.2	-738.7	867.6	826.7	40.88	21.224	
6,200.0	6,082.3	6,319.2	5,976.3	21.7	31.7	59.32	1,497.2	-738.7	867.3	826.2	41.04	21.134	
6,300.0	6,182.3	6,419.2	6,076.3	21.8	31.8	59.36	1,497.2	-738.7	867.0	825.8	41.20	21.043	
6,400.0	6,282.3	6,519.2	6,176.3	21.9	31.8	59.39	1,497.2	-738.7	866.7	825.3	41.37	20.951	
6,500.0	6,382.3	6,619.2	6,276.3	22.0	31.9	59.42	1,497.2	-738.7	866.4	824.9	41.54	20.859	
6,600.0	6,482.3	6,719.2	6,376.3	22.0	31.9	59.45	1,497.2	-738.7	866.1	824.4	41.71	20.767	
6,700.0	6,582.3	6,819.2	6,476.3	22.1	32.0	59.49	1,497.2	-738.7	865.8	823.9	41.88	20.674	
6,800.0	6,682.3	6,919.2	6,576.3	22.2	32.1	59.52	1,497.2	-738.7	865.5	823.5	42.05	20.581	
6,900.0	6,782.3	7,019.2	6,676.3	22.3	32.1	59.55	1,497.2	-738.7	865.2	823.0	42.23	20.488	
7,000.0	6,882.3	7,119.2	6,776.3	22.4	32.2	59.58	1,497.2	-738.7	864.9	822.5	42.41	20.394	
7,100.0	6,982.3	7,219.2	6,876.3	22.5	32.3	59.62	1,497.2	-738.7	864.6	822.1	42.59	20.300	
7,200.0	7,082.3	7,319.2	6,976.3	22.6	32.3	59.65	1,497.2	-738.7	864.4	821.6	42.78	20.207	
7,300.0	7,182.3	7,419.2	7,076.3	22.7	32.4	59.68	1,497.2	-738.7	864.1	821.1	42.96	20.113	
7,400.0	7,282.3	7,519.2	7,176.3	22.8	32.5	59.72	1,497.2	-738.7	863.8	820.6	43.15	20.018	
7,500.0	7,382.3	7,619.2	7,276.3	22.9	32.6	59.75	1,497.2	-738.7	863.5	820.1	43.34	19.924	
7,600.0	7,482.3	7,719.2	7,376.3	23.0	32.6	59.78	1,497.2	-738.7	863.2	819.7	43.53	19.830	
7,700.0	7,582.3	7,819.2	7,476.3	23.1	32.7	59.81	1,497.2	-738.7	862.9	819.2	43.72	19.735	
7,800.0	7,682.3	7,919.2	7,576.3	23.1	32.8	59.85	1,497.2	-738.7	862.6	818.7	43.92	19.641	
7,900.0	7,782.3	8,019.2	7,676.3	23.2	32.8	59.88	1,497.2	-738.7	862.3	818.2	44.12	19.547	
8,000.0	7,882.3	8,119.2	7,776.3	23.3	32.9	59.91	1,497.2	-738.7	862.0	817.7	44.32	19.452	
8,100.0	7,982.3	8,219.2	7,876.3	23.4	33.0	59.95	1,497.2	-738.7	861.8	817.2	44.52	19.358	
8,200.0	8,082.3	8,319.2	7,976.3	23.5	33.1	59.98	1,497.2	-738.7	861.5	816.8	44.72	19.264	
8,300.0	8,182.3	8,419.2	8,076.3	23.7	33.2	60.01	1,497.2	-738.7	861.2	816.3	44.92	19.170	
8,400.0	8,282.3	8,519.2	8,176.3	23.8	33.2	60.05	1,497.2	-738.7	860.9	815.8	45.13	19.076	
8,500.0	8,382.3	8,619.2	8,276.3	23.9	33.3	60.08	1,497.2	-738.7	860.6	815.3	45.34	18.982	
8,600.0	8,482.3	8,719.2	8,376.3	24.0	33.4	60.11	1,497.2	-738.7	860.3	814.8	45.55	18.888	
8,700.0	8,582.3	8,819.2	8,476.3	24.1	33.5	60.14	1,497.2	-738.7	860.0	814.3	45.76	18.795	
8,800.0	8,682.3	8,919.2	8,576.3	24.2	33.5	60.18	1,497.2	-738.7	859.8	813.8	45.97	18.701	
8,900.0	8,782.3	9,019.2	8,676.3	24.3	33.6	60.21	1,497.2	-738.7	859.5	813.3	46.19	18.608	
9,000.0	8,882.3	9,119.2	8,776.3	24.4	33.7	60.24	1,497.2	-738.7	859.2	812.8	46.40	18.515	
9,100.0	8,982.3	9,219.2	8,876.3	24.5	33.8	60.28	1,497.2	-738.7	858.9	812.3	46.62	18.422	
9,200.0	9,082.3	9,319.2	8,976.3	24.6	33.9	60.31	1,497.2	-738.7	858.6	811.8	46.84	18.330	
9,300.0	9,182.3	9,419.2	9,076.3	24.7	34.0	60.34	1,497.2	-738.7	858.3	811.3	47.06	18.238	
9,400.0	9,282.3	9,519.2	9,176.3	24.8	34.0	60.38	1,497.2	-738.7	858.0	810.8	47.29	18.146	
9,500.0	9,382.3	9,619.2	9,276.3	24.9	34.1	60.41	1,497.2	-738.7	857.8	810.3	47.51	18.054	
9,600.0	9,482.3	9,719.2	9,376.3	25.1	34.2	60.44	1,497.2	-738.7	857.5	809.7	47.74	17.963	
9,700.0	9,582.3	9,819.2	9,476.3	25.2	34.3	60.48	1,497.2	-738.7	857.2	809.2	47.96	17.872	
9,800.0	9,682.3	9,919.2	9,576.3	25.3	34.4	60.51	1,497.2	-738.7	856.9	808.7	48.19	17.781	
9,900.0	9,782.2	10,019.2	9,676.2	25.4	34.5	60.54	1,497.2	-738.7	856.6	808.2	48.42	17.691	
10,000.0	9,882.2	10,119.2	9,776.2	25.5	34.6	60.58	1,497.2	-738.7	856.4	807.7	48.65	17.601	
10,100.0	9,982.2	10,219.1	9,876.2	25.6	34.7	60.61	1,497.2	-738.7	856.1	807.2	48.89	17.511	
10,200.0	10,082.2	10,319.1	9,976.2	25.7	34.8	60.64	1,497.2	-738.7	855.8	806.7	49.12	17.422	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08B I 25 596 - DD - Plan #1

Survey Program: 0-MWD

Offset Site Error: 0.0 ft

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,300.0	10,182.2	10,419.1	10,076.2	25.9	34.8	60.68	1,497.2	-738.7	855.5	806.2	49.36	17.333	
10,308.8	10,191.0	10,427.9	10,085.0	25.9	34.8	60.68	1,497.2	-738.7	855.5	806.1	49.38	17.325	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 180-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-122.81	-35.6	-55.2	66.7				
100.0	100.0	88.2	88.2	0.1	0.1	-122.85	-35.5	-55.0	65.5	65.2	0.28	236.997	
200.0	200.0	188.4	188.4	0.3	0.3	-122.98	-35.4	-54.5	65.0	64.4	0.61	106.270	
220.3	220.3	208.7	208.7	0.3	0.3	-124.39	-35.4	-54.4	64.9	64.3	0.68	94.965	CC, ES
300.0	300.0	288.2	288.2	0.5	0.5	-126.36	-35.3	-53.9	66.0	65.0	0.97	68.330	
400.0	399.6	388.0	387.9	0.7	0.6	-131.71	-35.4	-53.4	70.6	69.2	1.34	52.701	
500.0	498.8	486.9	486.9	1.0	0.8	-138.92	-35.6	-52.7	79.5	77.8	1.73	46.087	
600.0	597.1	585.1	585.1	1.4	1.0	-146.39	-36.1	-52.2	94.2	92.1	2.11	44.694	
700.0	694.6	683.4	683.4	1.8	1.2	-152.73	-36.1	-51.6	113.0	110.5	2.47	45.720	
800.0	792.2	781.7	781.6	2.2	1.3	-157.03	-35.2	-51.4	132.3	129.5	2.82	46.838	
900.0	889.7	881.5	881.5	2.6	1.5	-159.96	-33.2	-51.7	151.2	148.1	3.18	47.613	
1,000.0	987.2	980.9	980.8	3.0	1.7	-161.96	-29.8	-52.3	169.2	165.7	3.53	47.961	
1,100.0	1,084.7	1,082.8	1,082.6	3.4	1.9	-163.40	-25.1	-53.2	186.4	182.5	3.89	47.966	
1,200.0	1,182.2	1,185.5	1,185.0	3.8	2.1	-164.29	-17.9	-54.4	201.5	197.2	4.25	47.376	
1,300.0	1,279.7	1,291.1	1,290.2	4.2	2.3	-164.72	-7.8	-56.3	214.4	209.7	4.64	46.250	
1,400.0	1,377.3	1,398.9	1,396.9	4.7	2.6	-164.66	6.9	-58.8	223.3	218.3	5.04	44.323	
1,500.0	1,474.8	1,503.8	1,500.4	5.1	2.9	-164.53	24.3	-60.6	229.5	224.0	5.44	42.145	
1,600.0	1,572.3	1,613.8	1,608.2	5.5	3.2	-164.41	45.7	-61.4	232.4	226.5	5.86	39.626	
1,700.0	1,669.8	1,717.7	1,709.4	5.9	3.6	-164.28	69.0	-61.4	232.3	226.0	6.28	36.997	
1,800.0	1,767.3	1,821.5	1,810.3	6.4	4.0	-164.23	93.5	-60.6	230.7	224.0	6.69	34.493	
1,900.0	1,864.9	1,927.1	1,912.3	6.8	4.5	-164.09	121.1	-59.3	226.6	219.5	7.11	31.857	
2,000.0	1,962.4	2,028.3	2,009.6	7.2	4.9	-163.97	148.7	-57.6	221.2	213.6	7.53	29.380	
2,100.0	2,059.9	2,126.5	2,104.1	7.6	5.4	-163.87	175.4	-56.0	215.9	207.9	7.94	27.191	
2,200.0	2,157.4	2,223.9	2,198.0	8.0	5.8	-163.74	201.0	-54.7	211.5	203.2	8.35	25.320	
2,300.0	2,254.9	2,326.9	2,297.4	8.5	6.3	-163.56	228.0	-53.4	207.3	198.5	8.79	23.588	
2,400.0	2,352.4	2,426.3	2,393.1	8.9	6.8	-163.30	255.1	-52.3	202.1	192.9	9.23	21.904	
2,500.0	2,450.0	2,527.5	2,490.4	9.3	7.3	-162.99	282.6	-51.2	197.0	187.3	9.68	20.352	
2,600.0	2,547.5	2,627.6	2,586.6	9.7	7.7	-162.69	310.3	-49.8	191.3	181.2	10.13	18.880	
2,700.0	2,645.0	2,725.4	2,680.7	10.2	8.2	-162.55	336.9	-48.1	185.9	175.3	10.56	17.601	
2,800.0	2,742.5	2,828.1	2,779.6	10.6	8.7	-162.55	364.5	-45.9	180.8	169.8	10.98	16.459	
2,900.0	2,840.0	2,926.4	2,874.0	11.0	9.2	-162.65	391.6	-43.2	174.7	163.4	11.38	15.353	
3,000.0	2,937.5	3,028.2	2,971.9	11.4	9.7	-162.88	419.3	-40.2	169.0	157.2	11.77	14.360	
3,100.0	3,035.1	3,126.0	3,066.1	11.9	10.2	-163.32	445.7	-36.8	163.3	151.2	12.10	13.493	
3,200.0	3,132.6	3,226.5	3,162.9	12.3	10.7	-163.82	472.3	-33.3	158.1	145.6	12.44	12.711	
3,300.0	3,230.1	3,327.2	3,259.6	12.7	11.2	-163.81	500.3	-31.0	151.9	139.1	12.85	11.822	
3,400.0	3,327.6	3,424.7	3,353.4	13.1	11.7	-163.74	526.7	-29.1	146.6	133.4	13.27	11.050	
3,500.0	3,425.1	3,525.2	3,450.2	13.6	12.2	-163.48	553.8	-27.8	141.7	128.0	13.73	10.318	
3,600.0	3,522.6	3,624.3	3,545.6	14.0	12.7	-163.19	580.4	-26.4	136.7	122.5	14.20	9.631	
3,700.0	3,620.2	3,722.1	3,640.2	14.4	13.1	-163.11	605.4	-25.0	133.2	118.5	14.62	9.105	
3,800.0	3,717.7	3,821.8	3,736.8	14.8	13.6	-162.97	630.1	-24.0	130.4	115.3	15.07	8.652	
3,900.0	3,815.2	3,922.3	3,834.1	15.2	14.0	-162.84	655.3	-22.8	127.3	111.8	15.51	8.207	
4,000.0	3,912.7	4,022.0	3,930.6	15.7	14.5	-162.99	680.2	-21.0	124.1	108.2	15.90	7.809	
4,100.0	4,010.2	4,121.7	4,027.2	16.1	15.0	-162.99	704.8	-19.6	121.3	105.0	16.31	7.439	
4,200.0	4,107.8	4,222.3	4,124.7	16.5	15.4	-163.09	729.7	-18.0	118.4	101.7	16.71	7.090	
4,300.0	4,205.3	4,321.9	4,221.1	16.9	15.9	-163.40	754.8	-15.8	115.0	97.9	17.04	6.746	
4,400.0	4,302.8	4,420.4	4,316.6	17.4	16.3	-163.88	778.4	-13.7	112.6	95.3	17.33	6.497	
4,484.6	4,385.3	4,503.1	4,397.1	17.7	16.7	-164.33	797.2	-12.2	111.8	94.2	17.56	6.366	
4,500.0	4,400.3	4,518.0	4,411.7	17.8	16.7	-164.44	800.5	-11.9	111.8	94.2	17.60	6.355	SF
4,600.0	4,497.8	4,615.1	4,506.8	18.2	17.1	-165.31	819.9	-10.3	113.5	95.7	17.78	6.383	
4,700.0	4,595.3	4,712.3	4,602.4	18.6	17.4	-166.30	837.1	-9.0	117.7	99.8	17.94	6.563	
4,800.0	4,692.9	4,808.0	4,697.1	19.1	17.7	-167.56	851.3	-7.5	124.7	106.6	18.04	6.910	
4,900.0	4,790.4	4,903.3	4,791.8	19.5	17.9	-168.37	862.4	-7.6	135.1	116.9	18.24	7.407	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08D I 25 596 - DD - DD

Offset Site Error: 0.0 ft

Survey Program: 180-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,000.0	4,887.9	4,997.5	4,885.6	19.9	18.1	-169.24	870.5	-7.8	148.7	130.2	18.43	8.065	
5,100.0	4,985.4	5,091.1	4,979.0	20.3	18.2	-170.00	875.3	-8.6	165.6	147.0	18.65	8.879	
5,200.0	5,083.7	5,186.4	5,074.3	20.7	18.3	-170.57	877.6	-9.7	181.8	162.9	18.89	9.624	
5,300.0	5,182.7	5,284.0	5,171.9	20.9	18.4	-171.11	878.4	-10.1	194.4	175.3	19.11	10.173	
5,400.0	5,282.4	5,382.2	5,270.1	21.1	18.5	-171.49	878.4	-10.1	202.7	183.4	19.33	10.486	
5,500.0	5,382.3	5,481.7	5,369.6	21.2	18.6	-171.59	878.2	-10.3	205.9	186.4	19.56	10.530	
5,600.0	5,482.3	5,581.2	5,469.1	21.2	18.7	-49.69	877.8	-10.8	206.3	186.4	19.90	10.370	
5,700.0	5,582.3	5,681.0	5,568.9	21.3	18.7	-49.62	877.3	-11.6	206.6	186.4	20.25	10.202	
5,800.0	5,682.3	5,780.7	5,668.6	21.4	18.8	-49.47	876.7	-12.7	207.0	186.4	20.62	10.038	
5,900.0	5,782.3	5,879.9	5,767.8	21.5	18.9	-49.22	876.0	-14.2	207.5	186.5	21.00	9.881	
6,000.0	5,882.3	5,980.8	5,868.7	21.5	19.0	-48.89	875.3	-15.9	208.2	186.8	21.40	9.727	
6,100.0	5,982.3	6,081.9	5,969.8	21.6	19.1	-48.73	875.0	-17.1	208.3	186.5	21.77	9.568	
6,200.0	6,082.3	6,182.3	6,070.1	21.7	19.2	-48.62	875.1	-17.9	208.1	185.9	22.14	9.399	
6,256.2	6,138.5	6,237.8	6,125.7	21.7	19.2	-48.48	875.1	-18.6	208.0	185.6	22.35	9.304	
6,300.0	6,182.3	6,281.2	6,169.0	21.8	19.3	-48.34	875.0	-19.3	208.0	185.5	22.52	9.235	
6,400.0	6,282.3	6,380.0	6,267.8	21.9	19.4	-47.94	874.5	-21.4	208.5	185.6	22.94	9.092	
6,500.0	6,382.3	6,479.7	6,367.5	22.0	19.5	-47.50	873.6	-23.6	209.5	186.2	23.35	8.971	
6,535.6	6,417.9	6,515.3	6,403.1	22.0	19.5	-47.39	873.2	-24.3	209.8	186.3	23.49	8.932	
6,600.0	6,482.3	6,544.0	6,431.8	22.0	19.5	-47.32	872.9	-24.7	213.5	189.8	23.66	9.020	
6,700.0	6,582.3	6,544.0	6,431.8	22.1	19.5	-47.32	872.9	-24.7	251.2	227.4	23.83	10.540	
6,800.0	6,682.3	6,544.0	6,431.8	22.2	19.5	-47.32	872.9	-24.7	317.2	293.2	24.00	13.216	
6,900.0	6,782.3	6,544.0	6,431.8	22.3	19.5	-47.32	872.9	-24.7	397.7	373.6	24.17	16.453	
7,000.0	6,882.3	6,544.0	6,431.8	22.4	19.5	-47.32	872.9	-24.7	485.5	461.2	24.34	19.944	
7,100.0	6,982.3	6,544.0	6,431.8	22.5	19.5	-47.32	872.9	-24.7	577.3	552.8	24.51	23.550	
7,200.0	7,082.3	6,544.0	6,431.8	22.6	19.5	-47.32	872.9	-24.7	671.4	646.7	24.68	27.201	
7,300.0	7,182.3	6,544.0	6,431.8	22.7	19.5	-47.32	872.9	-24.7	767.0	742.2	24.85	30.861	
7,400.0	7,282.3	6,544.0	6,431.8	22.8	19.5	-47.32	872.9	-24.7	863.7	838.6	25.02	34.512	
7,500.0	7,382.3	6,544.0	6,431.8	22.9	19.5	-47.32	872.9	-24.7	961.0	935.8	25.20	38.140	
7,600.0	7,482.3	6,544.0	6,431.8	23.0	19.5	-47.32	872.9	-24.7	1,058.8	1,033.4	25.37	41.739	
7,700.0	7,582.3	6,544.0	6,431.8	23.1	19.5	-47.32	872.9	-24.7	1,156.9	1,131.4	25.54	45.305	

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-122.81	-35.6	-55.2	123.0				
100.0	100.0	0.0	0.0	0.1	0.0	-122.81	-35.6	-55.2	65.8	65.6	0.14	482.513	
134.7	134.7	30.7	30.7	0.2	0.1	-122.81	-35.6	-55.2	65.7	65.4	0.25	262.126	
200.0	200.0	96.0	96.0	0.3	0.2	-122.81	-35.6	-55.2	65.7	65.2	0.48	137.303	CC, ES
300.0	300.0	196.0	196.0	0.5	0.3	-125.92	-35.6	-55.2	67.2	66.3	0.83	80.669	
400.0	399.6	295.6	295.6	0.7	0.5	-130.86	-35.6	-55.2	72.1	70.8	1.21	59.740	
500.0	498.8	394.8	394.8	1.0	0.7	-137.62	-35.6	-55.2	81.2	79.6	1.60	50.876	
600.0	597.1	493.1	493.1	1.4	0.9	-144.72	-35.6	-55.2	95.5	93.5	1.99	48.101	
700.0	694.6	590.6	590.6	1.8	1.0	-150.98	-35.6	-55.2	114.3	111.9	2.35	48.545	
800.0	792.2	688.2	688.2	2.2	1.2	-155.56	-35.6	-55.2	134.2	131.5	2.71	49.550	
900.0	889.7	785.7	785.7	2.6	1.4	-158.94	-35.6	-55.2	154.7	151.6	3.05	50.663	
1,000.0	987.2	883.2	883.2	3.0	1.5	-161.53	-35.6	-55.2	175.6	172.2	3.39	51.735	
1,100.0	1,084.7	980.7	980.7	3.4	1.7	-163.57	-35.6	-55.2	196.8	193.0	3.73	52.718	
1,200.0	1,182.2	1,078.2	1,078.2	3.8	1.9	-165.21	-35.6	-55.2	218.1	214.0	4.07	53.599	
1,300.0	1,279.7	1,175.7	1,175.7	4.2	2.1	-166.56	-35.6	-55.2	239.6	235.2	4.41	54.382	
1,400.0	1,377.3	1,273.3	1,273.3	4.7	2.2	-167.69	-35.6	-55.2	261.2	256.5	4.74	55.077	
1,500.0	1,474.8	1,370.8	1,370.8	5.1	2.4	-168.65	-35.6	-55.2	282.9	277.9	5.08	55.694	
1,600.0	1,572.3	1,468.3	1,468.3	5.5	2.6	-169.47	-35.6	-55.2	304.7	299.3	5.42	56.245	
1,700.0	1,669.8	1,565.8	1,565.8	5.9	2.7	-170.18	-35.6	-55.2	326.5	320.8	5.75	56.736	
1,800.0	1,767.3	1,663.3	1,663.3	6.4	2.9	-170.80	-35.6	-55.2	348.4	342.3	6.09	57.177	
1,900.0	1,864.9	1,760.9	1,760.9	6.8	3.1	-171.34	-35.6	-55.2	370.2	363.8	6.43	57.575	
2,000.0	1,962.4	1,858.4	1,858.4	7.2	3.2	-171.83	-35.6	-55.2	392.2	385.4	6.77	57.934	
2,100.0	2,059.9	1,955.9	1,955.9	7.6	3.4	-172.27	-35.6	-55.2	414.1	407.0	7.11	58.260	
2,200.0	2,157.4	2,053.4	2,053.4	8.0	3.6	-172.66	-35.6	-55.2	436.1	428.6	7.45	58.557	
2,300.0	2,254.9	2,150.9	2,150.9	8.5	3.8	-173.01	-35.6	-55.2	458.0	450.3	7.79	58.828	
2,400.0	2,352.4	2,248.4	2,248.4	8.9	3.9	-173.33	-35.6	-55.2	480.0	471.9	8.13	59.077	
2,500.0	2,450.0	2,346.0	2,346.0	9.3	4.1	-173.63	-35.6	-55.2	502.0	493.6	8.47	59.307	
2,600.0	2,547.5	2,443.5	2,443.5	9.7	4.3	-173.89	-35.6	-55.2	524.1	515.3	8.81	59.518	
2,700.0	2,645.0	2,541.0	2,541.0	10.2	4.4	-174.14	-35.6	-55.2	546.1	536.9	9.15	59.713	
2,800.0	2,742.5	2,675.3	2,675.2	10.6	4.7	-174.39	-31.5	-55.3	565.3	555.7	9.55	59.197	
2,900.0	2,840.0	2,816.3	2,815.4	11.0	4.9	-174.49	-17.1	-55.7	577.3	567.3	9.97	57.900	
3,000.0	2,937.5	2,959.1	2,956.0	11.4	5.3	-174.43	8.1	-56.3	582.0	571.6	10.40	55.940	
3,100.0	3,035.1	3,102.1	3,094.4	11.9	5.7	-174.22	43.6	-57.2	579.4	568.5	10.85	53.403	
3,200.0	3,132.6	3,243.7	3,228.5	12.3	6.2	-173.85	89.0	-58.4	569.3	558.0	11.30	50.364	
3,300.0	3,230.1	3,382.4	3,356.3	12.7	6.9	-173.30	142.9	-59.8	552.2	540.4	11.77	46.898	
3,400.0	3,327.6	3,516.9	3,476.1	13.1	7.7	-172.54	203.9	-61.4	528.1	515.8	12.26	43.066	
3,500.0	3,425.1	3,646.1	3,586.9	13.6	8.6	-171.51	270.3	-63.1	497.6	484.8	12.78	38.923	
3,600.0	3,522.6	3,740.8	3,666.4	14.0	9.4	-170.55	321.9	-64.4	463.8	450.6	13.25	34.996	
3,700.0	3,620.2	3,834.6	3,745.1	14.4	10.1	-169.46	372.9	-65.8	430.2	416.5	13.76	31.260	
3,800.0	3,717.7	3,928.5	3,823.8	14.8	10.9	-168.18	424.0	-67.1	396.8	382.4	14.33	27.694	
3,900.0	3,815.2	4,022.3	3,902.5	15.2	11.7	-166.67	475.1	-68.4	363.5	348.6	14.97	24.285	
4,000.0	3,912.7	4,116.2	3,981.2	15.7	12.5	-164.86	526.2	-69.7	330.6	314.9	15.72	21.026	
4,100.0	4,010.2	4,200.0	4,052.4	16.1	13.2	-163.02	570.4	-70.9	299.7	283.2	16.52	18.143	
4,200.0	4,107.8	4,282.4	4,124.2	16.5	13.9	-161.13	610.8	-71.9	273.1	255.7	17.38	15.714	
4,300.0	4,205.3	4,368.5	4,201.0	16.9	14.5	-159.14	649.7	-72.9	250.9	232.6	18.34	13.687	
4,400.0	4,302.8	4,456.3	4,281.1	17.4	15.1	-157.19	685.7	-73.9	233.2	213.9	19.34	12.059	
4,500.0	4,400.3	4,545.6	4,364.1	17.8	15.6	-155.42	718.6	-74.7	219.9	199.6	20.34	10.812	
4,600.0	4,497.8	4,636.0	4,449.6	18.2	16.1	-153.99	747.8	-75.5	211.0	189.7	21.27	9.919	
4,700.0	4,595.3	4,727.2	4,537.2	18.6	16.5	-153.03	773.2	-76.1	206.4	184.3	22.07	9.352	
4,760.8	4,654.6	4,782.7	4,591.1	18.9	16.8	-152.73	786.6	-76.5	205.6	183.1	22.46	9.155	
4,800.0	4,692.9	4,818.6	4,626.1	19.1	16.9	-152.65	794.4	-76.7	205.9	183.3	22.67	9.085	
4,900.0	4,790.4	4,909.9	4,715.8	19.5	17.2	-152.88	811.3	-77.1	209.6	186.6	23.05	9.096	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
5,000.0	4,887.9	5,000.0	4,805.0	19.9	17.4	-153.65	823.8	-77.4	217.5	194.3	23.21	9.369	
5,100.0	4,985.4	5,090.6	4,895.2	20.3	17.6	-154.92	832.1	-77.7	229.5	206.3	23.18	9.897	
5,200.0	5,083.7	5,179.8	4,984.3	20.7	17.7	-156.32	836.1	-77.8	242.6	219.5	23.06	10.520	
5,300.0	5,182.7	5,274.2	5,078.7	20.9	17.8	-157.57	836.5	-77.8	254.6	231.6	22.95	11.094	
5,400.0	5,282.4	5,373.9	5,178.4	21.1	17.9	-158.35	836.5	-77.8	262.3	239.3	22.96	11.423	
5,500.0	5,382.3	5,473.8	5,278.3	21.2	18.0	-158.63	836.5	-77.8	265.1	242.0	23.09	11.483	
5,600.0	5,482.3	5,573.8	5,378.3	21.2	18.1	-36.84	836.5	-77.8	265.0	241.6	23.36	11.344	
5,700.0	5,582.3	5,673.8	5,478.3	21.3	18.2	-36.91	836.5	-77.8	264.6	240.9	23.63	11.196	
5,800.0	5,682.3	5,773.8	5,578.3	21.4	18.3	-36.98	836.5	-77.8	264.1	240.2	23.91	11.048	
5,900.0	5,782.3	5,873.8	5,678.3	21.5	18.3	-37.06	836.5	-77.8	263.7	239.5	24.18	10.903	
6,000.0	5,882.3	5,973.8	5,778.3	21.5	18.4	-37.13	836.5	-77.8	263.2	238.7	24.46	10.760	
6,100.0	5,982.3	6,073.8	5,878.3	21.6	18.5	-37.21	836.5	-77.8	262.7	238.0	24.74	10.620	
6,200.0	6,082.3	6,173.8	5,978.3	21.7	18.6	-37.28	836.5	-77.8	262.3	237.3	25.02	10.483	
6,300.0	6,182.3	6,273.8	6,078.3	21.8	18.7	-37.36	836.5	-77.8	261.8	236.5	25.30	10.347	
6,400.0	6,282.3	6,373.8	6,178.3	21.9	18.9	-37.44	836.5	-77.8	261.4	235.8	25.59	10.214	
6,500.0	6,382.3	6,473.8	6,278.3	22.0	19.0	-37.51	836.5	-77.8	260.9	235.0	25.88	10.084	
6,600.0	6,482.3	6,573.8	6,378.3	22.0	19.1	-37.59	836.5	-77.8	260.5	234.3	26.16	9.955	
6,700.0	6,582.3	6,673.8	6,478.3	22.1	19.2	-37.67	836.5	-77.8	260.0	233.6	26.45	9.829	
6,800.0	6,682.3	6,773.8	6,578.3	22.2	19.3	-37.74	836.5	-77.8	259.6	232.8	26.74	9.706	
6,900.0	6,782.3	6,873.8	6,678.3	22.3	19.4	-37.82	836.5	-77.8	259.1	232.1	27.04	9.584	
7,000.0	6,882.3	6,973.8	6,778.3	22.4	19.5	-37.90	836.5	-77.8	258.7	231.3	27.33	9.465	
7,100.0	6,982.3	7,073.8	6,878.3	22.5	19.6	-37.98	836.5	-77.8	258.2	230.6	27.62	9.347	
7,200.0	7,082.3	7,173.8	6,978.3	22.6	19.7	-38.06	836.5	-77.8	257.8	229.8	27.92	9.232	
7,300.0	7,182.3	7,273.8	7,078.3	22.7	19.8	-38.13	836.5	-77.8	257.3	229.1	28.22	9.119	
7,400.0	7,282.3	7,373.8	7,178.3	22.8	19.9	-38.21	836.5	-77.8	256.9	228.3	28.51	9.008	
7,500.0	7,382.3	7,473.8	7,278.3	22.9	20.0	-38.29	836.5	-77.8	256.4	227.6	28.81	8.899	
7,600.0	7,482.3	7,573.8	7,378.3	23.0	20.2	-38.37	836.5	-77.8	256.0	226.8	29.11	8.791	
7,700.0	7,582.3	7,673.8	7,478.3	23.1	20.3	-38.45	836.5	-77.8	255.5	226.1	29.42	8.686	
7,800.0	7,682.3	7,773.8	7,578.3	23.1	20.4	-38.53	836.5	-77.8	255.1	225.3	29.72	8.583	
7,900.0	7,782.3	7,873.8	7,678.3	23.2	20.5	-38.61	836.5	-77.8	254.6	224.6	30.02	8.481	
8,000.0	7,882.3	7,973.8	7,778.3	23.3	20.6	-38.69	836.5	-77.8	254.2	223.8	30.33	8.381	
8,100.0	7,982.3	8,073.8	7,878.3	23.4	20.7	-38.77	836.5	-77.8	253.7	223.1	30.63	8.283	
8,200.0	8,082.3	8,173.8	7,978.3	23.5	20.9	-38.86	836.5	-77.8	253.3	222.3	30.94	8.186	
8,300.0	8,182.3	8,273.8	8,078.3	23.7	21.0	-38.94	836.5	-77.8	252.8	221.6	31.24	8.092	
8,400.0	8,282.3	8,373.8	8,178.3	23.8	21.1	-39.02	836.5	-77.8	252.4	220.8	31.55	7.998	
8,500.0	8,382.3	8,473.8	8,278.3	23.9	21.2	-39.10	836.5	-77.8	251.9	220.1	31.86	7.907	
8,600.0	8,482.3	8,573.8	8,378.3	24.0	21.3	-39.18	836.5	-77.8	251.5	219.3	32.17	7.817	
8,700.0	8,582.3	8,673.8	8,478.3	24.1	21.5	-39.27	836.5	-77.8	251.0	218.6	32.48	7.729	
8,800.0	8,682.3	8,773.7	8,578.3	24.2	21.6	-39.35	836.5	-77.8	250.6	217.8	32.79	7.642	
8,900.0	8,782.3	8,873.7	8,678.3	24.3	21.7	-39.43	836.5	-77.8	250.2	217.0	33.10	7.556	
9,000.0	8,882.3	8,973.7	8,778.3	24.4	21.8	-39.52	836.5	-77.8	249.7	216.3	33.42	7.472	
9,100.0	8,982.3	9,073.7	8,878.3	24.5	22.0	-39.60	836.5	-77.8	249.3	215.5	33.73	7.390	
9,200.0	9,082.3	9,173.7	8,978.3	24.6	22.1	-39.68	836.5	-77.8	248.8	214.8	34.04	7.309	
9,300.0	9,182.3	9,273.7	9,078.3	24.7	22.2	-39.77	836.5	-77.8	248.4	214.0	34.36	7.229	
9,400.0	9,282.3	9,373.7	9,178.3	24.8	22.3	-39.85	836.5	-77.8	247.9	213.3	34.67	7.151	
9,500.0	9,382.3	9,473.7	9,278.3	24.9	22.5	-39.94	836.5	-77.8	247.5	212.5	34.99	7.073	
9,600.0	9,482.3	9,573.7	9,378.3	25.1	22.6	-40.02	836.5	-77.8	247.1	211.8	35.31	6.998	
9,700.0	9,582.3	9,673.7	9,478.3	25.2	22.7	-40.11	836.5	-77.8	246.6	211.0	35.62	6.923	
9,800.0	9,682.3	9,773.7	9,578.3	25.3	22.9	-40.19	836.5	-77.8	246.2	210.2	35.94	6.850	
9,900.0	9,782.2	9,873.7	9,678.2	25.4	23.0	-40.28	836.5	-77.8	245.8	209.5	36.26	6.777	
10,000.0	9,882.2	9,973.7	9,778.2	25.5	23.1	-40.37	836.5	-77.8	245.3	208.7	36.58	6.706	
10,100.0	9,982.2	10,073.7	9,878.2	25.6	23.3	-40.45	836.5	-77.8	244.9	208.0	36.90	6.636	

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

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Offset Design I25 596 (undrilled plans are OLD-Do Not Use) - N. Parachute WF08D I 25 596 - DD - Plan #1

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

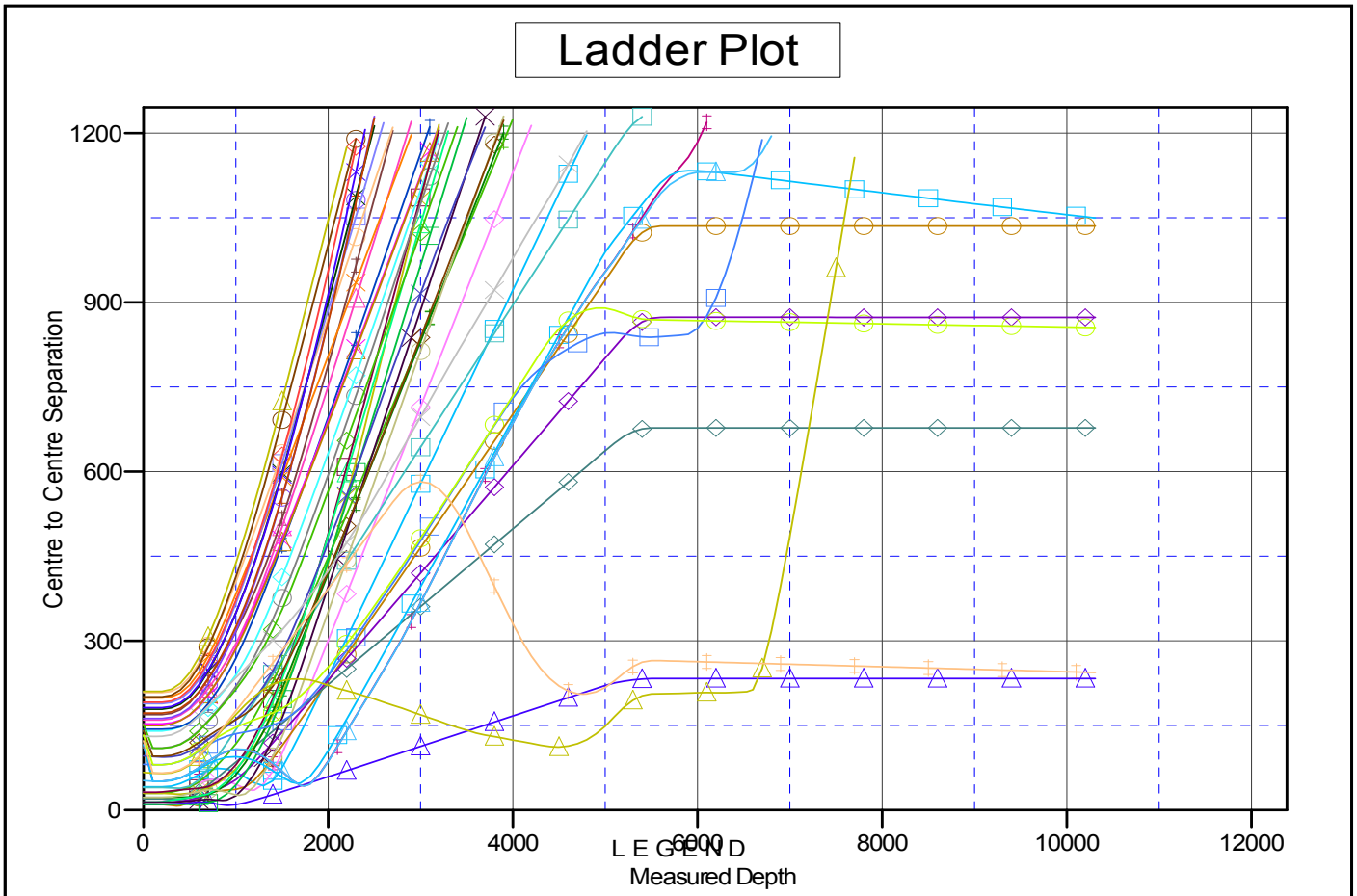
Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Total Uncertainty Axis	Separation Factor	Warning
10,200.0	10,082.2	10,173.7	9,978.2	25.7	23.4	-40.54	836.5	-77.8	244.4	207.2	37.22	6.568	
10,300.0	10,182.2	10,273.7	10,078.2	25.9	23.5	-40.63	836.5	-77.8	244.0	206.5	37.54	6.500	
10,308.8	10,191.0	10,282.5	10,087.0	25.9	23.5	-40.64	836.5	-77.8	244.0	206.4	37.57	6.494	SF

Company:	EnCana Oil & Gas (USA) Inc	**Local Co-ordinate Reference:**	Well WF08D-25 I25 596
Project:	North Piceance	**TVD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Reference Site:	I25 596	**MD Reference:**	KB=22' @ 5846.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	WF08D-25 I25 596	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	OH	**Database:**	USA EDM 5000 Multi Users DB
Reference Design:	Plan #1	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to KB=22' @ 5846.0ft (Original Well Elev
Offset Depths are relative to Offset Datum
Central Meridian is 105° 30' 0.000 W °

Coordinates are relative to: WF08D-25 I25 596
Coordinate System is US State Plane 1983, Colorado Central Zone
Grid Convergence at Surface is: -1.65°



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