

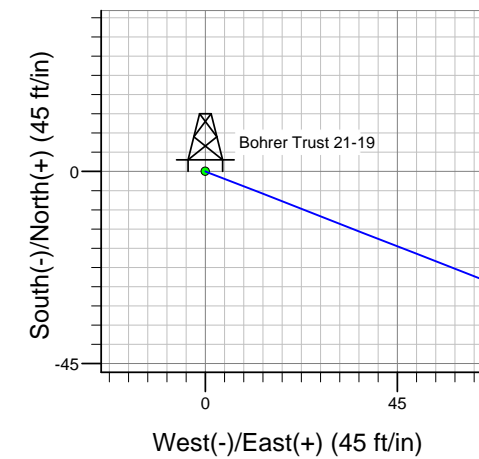
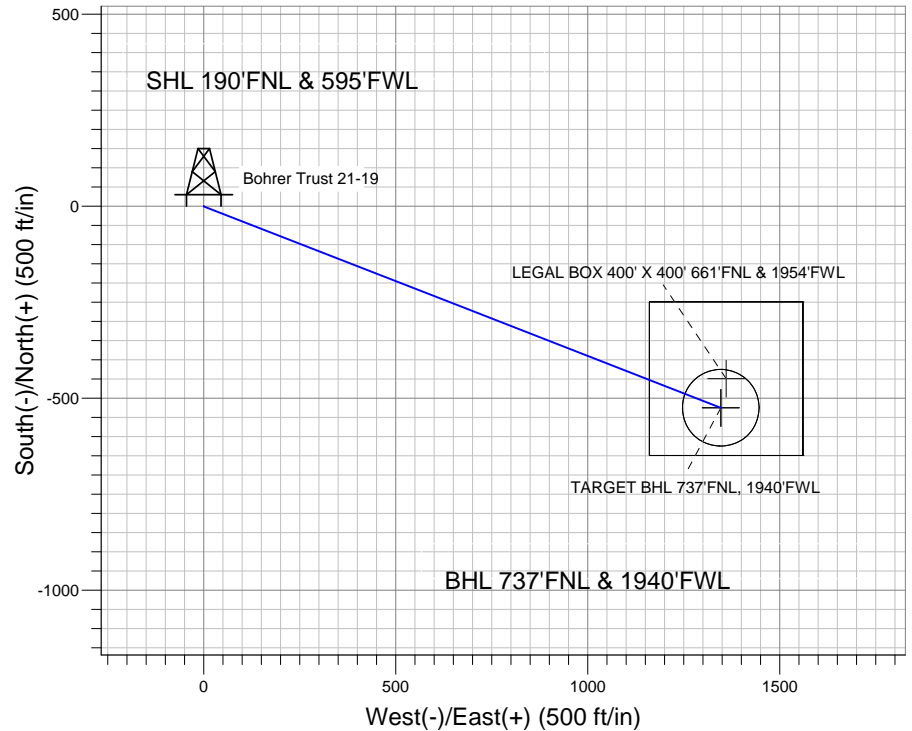
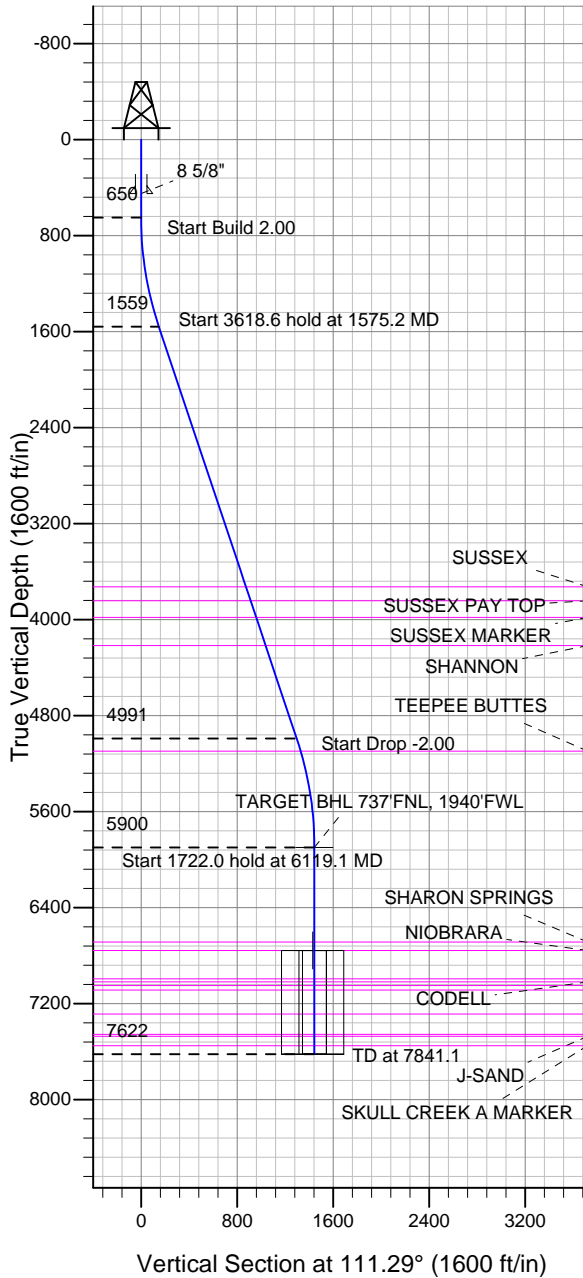
ENSIGN

Directional

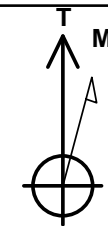
Well Name: Bohrer Trust 21-19

Surface Location: Bohrer Trust 21-19 Pad Sec.19-T3N-R68W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 5084.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1322461.19 3124814.42 40.217690 -105.053050
 Original Well Elev WELL @ 5097.0ft (Original Well Elev)

EnCana Oil & Gas Weld County CO



Bohrer Trust 21-19 Pad Sec.19-T3N-R68W
 Bohrer Trust 21-19
 Plan #1 (1-08-13)



Azimuths to True North
 Magnetic North: 8.79°

Magnetic Field
 Strength: 52837.3snT
 Dip Angle: 66.80°
 Date: 1/8/2013
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 737'FNL, 1940'FWL	5900.0	-524.6	1346.1	40.216250	-105.048230	Point
LEGAL BOX 400' X 400' 661'FNL & 1954'FWL	6757.0	-448.6	1360.1	40.216458	-105.048180	Rectangle (Sides: L400.0 W400.0)
TARGET CIRCLE 737'FNL & 1940'FWL	6757.0	-524.6	1346.1	40.216250	-105.048230	Circle (Radius: 100.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	650.0	0.00	0.00	650.0	0.0	0.0	0.00	0.00	0.0	
3	1575.2	18.50	111.29	1559.2	-53.8	138.0	2.00	111.29	148.1	
4	5193.9	18.50	111.29	4990.8	-470.8	1208.1	0.00	0.00	1296.6	
5	6119.1	0.00	0.00	5900.0	-524.6	1346.1	2.00	180.00	1444.7	TARGET BHL 737'FNL, 1940'FWL
6	7841.1	0.00	0.00	7622.0	-524.6	1346.1	0.00	0.00	1444.7	



Directional

EnCana Oil & Gas Weld County CO

SEC.19-T3N-R68W

Bohrer Trust 21-19 Pad Sec.19-T3N-R68W

Bohrer Trust 21-19

Wellbore #1

Plan: Plan #1 (1-08-13)

Standard Planning Report

08 January, 2013

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

Project	SEC.19-T3N-R68W, Weld County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site						Bohrer Trust 21-19 Pad Sec.19-T3N-R68W											
Site Position:						Northing:			1,322,461.19ft			Latitude:			40.217690		
From:			Lat/Long			Easting:			3,124,814.42ft			Longitude:			-105.053050		
Position Uncertainty:			0.0 ft			Slot Radius:			"			Grid Convergence:			0.29 °		

Well	Bohrer Trust 21-19					
Well Position	+N/-S	0.0 ft	Northing:	1,322,461.19 ft	Latitude:	40.217690
	+E/-W	0.0 ft	Easting:	3,124,814.42 ft	Longitude:	-105.053050
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,084.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	1/8/2013	8.79	66.80	52,837

Design	Plan #1 (1-08-13)			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	111.29

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	
650.0	0.00	0.00	650.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,575.2	18.50	111.29	1,559.2	-53.8	138.0	2.00	2.00	0.00	111.29	
5,193.9	18.50	111.29	4,990.8	-470.8	1,208.1	0.00	0.00	0.00	0.00	
6,119.1	0.00	0.00	5,900.0	-524.6	1,346.1	2.00	-2.00	0.00	180.00	TARGET BHL 737'I
7,841.1	0.00	0.00	7,622.0	-524.6	1,346.1	0.00	0.00	0.00	0.00	

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

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)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
240.0	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
280.0	0.00	0.00	280.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
440.0	0.00	0.00	440.0	0.0	0.0	0.0	0.00	0.00	0.00
450.0	0.00	0.00	450.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
480.0	0.00	0.00	480.0	0.0	0.0	0.0	0.00	0.00	0.00
520.0	0.00	0.00	520.0	0.0	0.0	0.0	0.00	0.00	0.00
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
640.0	0.00	0.00	640.0	0.0	0.0	0.0	0.00	0.00	0.00
650.0	0.00	0.00	650.0	0.0	0.0	0.0	0.00	0.00	0.00
680.0	0.60	111.29	680.0	-0.1	0.1	0.2	2.00	2.00	0.00
720.0	1.40	111.29	720.0	-0.3	0.8	0.9	2.00	2.00	0.00
760.0	2.20	111.29	760.0	-0.8	2.0	2.1	2.00	2.00	0.00
800.0	3.00	111.29	799.9	-1.4	3.7	3.9	2.00	2.00	0.00
840.0	3.80	111.29	839.9	-2.3	5.9	6.3	2.00	2.00	0.00
880.0	4.60	111.29	879.8	-3.4	8.6	9.2	2.00	2.00	0.00
920.0	5.40	111.29	919.6	-4.6	11.8	12.7	2.00	2.00	0.00
960.0	6.20	111.29	959.4	-6.1	15.6	16.8	2.00	2.00	0.00
1,000.0	7.00	111.29	999.1	-7.8	19.9	21.4	2.00	2.00	0.00
1,040.0	7.80	111.29	1,038.8	-9.6	24.7	26.5	2.00	2.00	0.00
1,080.0	8.60	111.29	1,078.4	-11.7	30.0	32.2	2.00	2.00	0.00
1,120.0	9.40	111.29	1,117.9	-14.0	35.8	38.5	2.00	2.00	0.00
1,160.0	10.20	111.29	1,157.3	-16.4	42.2	45.3	2.00	2.00	0.00
1,200.0	11.00	111.29	1,196.6	-19.1	49.0	52.6	2.00	2.00	0.00
1,240.0	11.80	111.29	1,235.8	-22.0	56.4	60.5	2.00	2.00	0.00
1,280.0	12.60	111.29	1,274.9	-25.1	64.3	69.0	2.00	2.00	0.00
1,320.0	13.40	111.29	1,313.9	-28.3	72.7	78.0	2.00	2.00	0.00
1,360.0	14.20	111.29	1,352.8	-31.8	81.6	87.5	2.00	2.00	0.00
1,400.0	15.00	111.29	1,391.5	-35.4	91.0	97.6	2.00	2.00	0.00
1,440.0	15.80	111.29	1,430.0	-39.3	100.9	108.2	2.00	2.00	0.00
1,480.0	16.60	111.29	1,468.4	-43.4	111.2	119.4	2.00	2.00	0.00
1,520.0	17.40	111.29	1,506.7	-47.6	122.1	131.1	2.00	2.00	0.00
1,560.0	18.20	111.29	1,544.8	-52.0	133.5	143.3	2.00	2.00	0.00
1,575.2	18.50	111.29	1,559.2	-53.8	138.0	148.1	2.00	2.00	0.00
1,600.0	18.50	111.29	1,582.7	-56.6	145.3	156.0	0.00	0.00	0.00
1,640.0	18.50	111.29	1,620.7	-61.2	157.2	168.7	0.00	0.00	0.00
1,680.0	18.50	111.29	1,658.6	-65.9	169.0	181.4	0.00	0.00	0.00
1,720.0	18.50	111.29	1,696.5	-70.5	180.8	194.1	0.00	0.00	0.00
1,760.0	18.50	111.29	1,734.4	-75.1	192.6	206.8	0.00	0.00	0.00
1,800.0	18.50	111.29	1,772.4	-79.7	204.5	219.5	0.00	0.00	0.00
1,840.0	18.50	111.29	1,810.3	-84.3	216.3	232.1	0.00	0.00	0.00
1,880.0	18.50	111.29	1,848.2	-88.9	228.1	244.8	0.00	0.00	0.00
1,920.0	18.50	111.29	1,886.2	-93.5	240.0	257.5	0.00	0.00	0.00
1,960.0	18.50	111.29	1,924.1	-98.1	251.8	270.2	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

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)	Turn Rate (°/100ft)
2,000.0	18.50	111.29	1,962.0	-102.7	263.6	282.9	0.00	0.00	0.00
2,040.0	18.50	111.29	2,000.0	-107.3	275.4	295.6	0.00	0.00	0.00
2,080.0	18.50	111.29	2,037.9	-111.9	287.3	308.3	0.00	0.00	0.00
2,120.0	18.50	111.29	2,075.8	-116.6	299.1	321.0	0.00	0.00	0.00
2,160.0	18.50	111.29	2,113.8	-121.2	310.9	333.7	0.00	0.00	0.00
2,200.0	18.50	111.29	2,151.7	-125.8	322.8	346.4	0.00	0.00	0.00
2,240.0	18.50	111.29	2,189.6	-130.4	334.6	359.1	0.00	0.00	0.00
2,280.0	18.50	111.29	2,227.6	-135.0	346.4	371.8	0.00	0.00	0.00
2,320.0	18.50	111.29	2,265.5	-139.6	358.3	384.5	0.00	0.00	0.00
2,360.0	18.50	111.29	2,303.4	-144.2	370.1	397.2	0.00	0.00	0.00
2,400.0	18.50	111.29	2,341.4	-148.8	381.9	409.9	0.00	0.00	0.00
2,440.0	18.50	111.29	2,379.3	-153.4	393.7	422.6	0.00	0.00	0.00
2,480.0	18.50	111.29	2,417.2	-158.0	405.6	435.3	0.00	0.00	0.00
2,520.0	18.50	111.29	2,455.2	-162.6	417.4	448.0	0.00	0.00	0.00
2,560.0	18.50	111.29	2,493.1	-167.3	429.2	460.7	0.00	0.00	0.00
2,600.0	18.50	111.29	2,531.0	-171.9	441.1	473.4	0.00	0.00	0.00
2,640.0	18.50	111.29	2,568.9	-176.5	452.9	486.1	0.00	0.00	0.00
2,680.0	18.50	111.29	2,606.9	-181.1	464.7	498.7	0.00	0.00	0.00
2,720.0	18.50	111.29	2,644.8	-185.7	476.5	511.4	0.00	0.00	0.00
2,760.0	18.50	111.29	2,682.7	-190.3	488.4	524.1	0.00	0.00	0.00
2,800.0	18.50	111.29	2,720.7	-194.9	500.2	536.8	0.00	0.00	0.00
2,840.0	18.50	111.29	2,758.6	-199.5	512.0	549.5	0.00	0.00	0.00
2,880.0	18.50	111.29	2,796.5	-204.1	523.9	562.2	0.00	0.00	0.00
2,920.0	18.50	111.29	2,834.5	-208.7	535.7	574.9	0.00	0.00	0.00
2,960.0	18.50	111.29	2,872.4	-213.4	547.5	587.6	0.00	0.00	0.00
3,000.0	18.50	111.29	2,910.3	-218.0	559.3	600.3	0.00	0.00	0.00
3,040.0	18.50	111.29	2,948.3	-222.6	571.2	613.0	0.00	0.00	0.00
3,080.0	18.50	111.29	2,986.2	-227.2	583.0	625.7	0.00	0.00	0.00
3,120.0	18.50	111.29	3,024.1	-231.8	594.8	638.4	0.00	0.00	0.00
3,160.0	18.50	111.29	3,062.1	-236.4	606.7	651.1	0.00	0.00	0.00
3,200.0	18.50	111.29	3,100.0	-241.0	618.5	663.8	0.00	0.00	0.00
3,240.0	18.50	111.29	3,137.9	-245.6	630.3	676.5	0.00	0.00	0.00
3,280.0	18.50	111.29	3,175.9	-250.2	642.1	689.2	0.00	0.00	0.00
3,320.0	18.50	111.29	3,213.8	-254.8	654.0	701.9	0.00	0.00	0.00
3,360.0	18.50	111.29	3,251.7	-259.4	665.8	714.6	0.00	0.00	0.00
3,400.0	18.50	111.29	3,289.7	-264.1	677.6	727.3	0.00	0.00	0.00
3,440.0	18.50	111.29	3,327.6	-268.7	689.5	740.0	0.00	0.00	0.00
3,480.0	18.50	111.29	3,365.5	-273.3	701.3	752.7	0.00	0.00	0.00
3,520.0	18.50	111.29	3,403.5	-277.9	713.1	765.3	0.00	0.00	0.00
3,560.0	18.50	111.29	3,441.4	-282.5	724.9	778.0	0.00	0.00	0.00
3,600.0	18.50	111.29	3,479.3	-287.1	736.8	790.7	0.00	0.00	0.00
3,640.0	18.50	111.29	3,517.2	-291.7	748.6	803.4	0.00	0.00	0.00
3,680.0	18.50	111.29	3,555.2	-296.3	760.4	816.1	0.00	0.00	0.00
3,720.0	18.50	111.29	3,593.1	-300.9	772.3	828.8	0.00	0.00	0.00
3,760.0	18.50	111.29	3,631.0	-305.5	784.1	841.5	0.00	0.00	0.00
3,800.0	18.50	111.29	3,669.0	-310.2	795.9	854.2	0.00	0.00	0.00
3,840.0	18.50	111.29	3,706.9	-314.8	807.7	866.9	0.00	0.00	0.00
3,861.2	18.50	111.29	3,727.0	-317.2	814.0	873.6	0.00	0.00	0.00
SUSSEX									
3,880.0	18.50	111.29	3,744.8	-319.4	819.6	879.6	0.00	0.00	0.00
3,920.0	18.50	111.29	3,782.8	-324.0	831.4	892.3	0.00	0.00	0.00
3,960.0	18.50	111.29	3,820.7	-328.6	843.2	905.0	0.00	0.00	0.00
3,984.6	18.50	111.29	3,844.0	-331.4	850.5	912.8	0.00	0.00	0.00
SUSSEX PAY TOP									

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
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Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

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)	Turn Rate (°/100ft)
4,000.0	18.50	111.29	3,858.6	-333.2	855.1	917.7	0.00	0.00	0.00
4,040.0	18.50	111.29	3,896.6	-337.8	866.9	930.4	0.00	0.00	0.00
4,080.0	18.50	111.29	3,934.5	-342.4	878.7	943.1	0.00	0.00	0.00
4,120.0	18.50	111.29	3,972.4	-347.0	890.5	955.8	0.00	0.00	0.00
4,129.0	18.50	111.29	3,981.0	-348.1	893.2	958.6	0.00	0.00	0.00
SUSSEX MARKER									
4,160.0	18.50	111.29	4,010.4	-351.6	902.4	968.5	0.00	0.00	0.00
4,200.0	18.50	111.29	4,048.3	-356.2	914.2	981.2	0.00	0.00	0.00
4,240.0	18.50	111.29	4,086.2	-360.9	926.0	993.9	0.00	0.00	0.00
4,280.0	18.50	111.29	4,124.2	-365.5	937.9	1,006.6	0.00	0.00	0.00
4,320.0	18.50	111.29	4,162.1	-370.1	949.7	1,019.3	0.00	0.00	0.00
4,360.0	18.50	111.29	4,200.0	-374.7	961.5	1,031.9	0.00	0.00	0.00
4,377.9	18.50	111.29	4,217.0	-376.7	966.8	1,037.6	0.00	0.00	0.00
SHANNON									
4,400.0	18.50	111.29	4,238.0	-379.3	973.4	1,044.6	0.00	0.00	0.00
4,440.0	18.50	111.29	4,275.9	-383.9	985.2	1,057.3	0.00	0.00	0.00
4,480.0	18.50	111.29	4,313.8	-388.5	997.0	1,070.0	0.00	0.00	0.00
4,520.0	18.50	111.29	4,351.7	-393.1	1,008.8	1,082.7	0.00	0.00	0.00
4,560.0	18.50	111.29	4,389.7	-397.7	1,020.7	1,095.4	0.00	0.00	0.00
4,600.0	18.50	111.29	4,427.6	-402.3	1,032.5	1,108.1	0.00	0.00	0.00
4,640.0	18.50	111.29	4,465.5	-406.9	1,044.3	1,120.8	0.00	0.00	0.00
4,680.0	18.50	111.29	4,503.5	-411.6	1,056.2	1,133.5	0.00	0.00	0.00
4,720.0	18.50	111.29	4,541.4	-416.2	1,068.0	1,146.2	0.00	0.00	0.00
4,760.0	18.50	111.29	4,579.3	-420.8	1,079.8	1,158.9	0.00	0.00	0.00
4,800.0	18.50	111.29	4,617.3	-425.4	1,091.6	1,171.6	0.00	0.00	0.00
4,840.0	18.50	111.29	4,655.2	-430.0	1,103.5	1,184.3	0.00	0.00	0.00
4,880.0	18.50	111.29	4,693.1	-434.6	1,115.3	1,197.0	0.00	0.00	0.00
4,920.0	18.50	111.29	4,731.1	-439.2	1,127.1	1,209.7	0.00	0.00	0.00
4,960.0	18.50	111.29	4,769.0	-443.8	1,139.0	1,222.4	0.00	0.00	0.00
5,000.0	18.50	111.29	4,806.9	-448.4	1,150.8	1,235.1	0.00	0.00	0.00
5,040.0	18.50	111.29	4,844.9	-453.0	1,162.6	1,247.8	0.00	0.00	0.00
5,080.0	18.50	111.29	4,882.8	-457.7	1,174.4	1,260.5	0.00	0.00	0.00
5,120.0	18.50	111.29	4,920.7	-462.3	1,186.3	1,273.2	0.00	0.00	0.00
5,160.0	18.50	111.29	4,958.7	-466.9	1,198.1	1,285.9	0.00	0.00	0.00
5,193.9	18.50	111.29	4,990.8	-470.8	1,208.1	1,296.6	0.00	0.00	0.00
5,200.0	18.38	111.29	4,996.6	-471.5	1,209.9	1,298.5	2.00	-2.00	0.00
5,240.0	17.58	111.29	5,034.6	-476.0	1,221.4	1,310.9	2.00	-2.00	0.00
5,280.0	16.78	111.29	5,072.9	-480.3	1,232.4	1,322.7	2.00	-2.00	0.00
5,305.2	16.28	111.29	5,097.0	-482.9	1,239.1	1,329.9	2.00	-2.00	0.00
TEEPEE BUTTES									
5,320.0	15.98	111.29	5,111.2	-484.3	1,242.9	1,334.0	2.00	-2.00	0.00
5,360.0	15.18	111.29	5,149.8	-488.3	1,253.0	1,344.7	2.00	-2.00	0.00
5,400.0	14.38	111.29	5,188.4	-492.0	1,262.5	1,354.9	2.00	-2.00	0.00
5,440.0	13.58	111.29	5,227.3	-495.5	1,271.5	1,364.6	2.00	-2.00	0.00
5,480.0	12.78	111.29	5,266.2	-498.8	1,280.0	1,373.7	2.00	-2.00	0.00
5,520.0	11.98	111.29	5,305.3	-501.9	1,288.0	1,382.3	2.00	-2.00	0.00
5,560.0	11.18	111.29	5,344.5	-504.8	1,295.4	1,390.3	2.00	-2.00	0.00
5,600.0	10.38	111.29	5,383.7	-507.5	1,302.4	1,397.8	2.00	-2.00	0.00
5,640.0	9.58	111.29	5,423.1	-510.0	1,308.9	1,404.7	2.00	-2.00	0.00
5,680.0	8.78	111.29	5,462.6	-512.4	1,314.8	1,411.1	2.00	-2.00	0.00
5,720.0	7.98	111.29	5,502.2	-514.5	1,320.3	1,417.0	2.00	-2.00	0.00
5,760.0	7.18	111.29	5,541.8	-516.4	1,325.2	1,422.2	2.00	-2.00	0.00
5,800.0	6.38	111.29	5,581.6	-518.1	1,329.6	1,427.0	2.00	-2.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

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)	Turn Rate (°/100ft)
5,840.0	5.58	111.29	5,621.4	-519.6	1,333.5	1,431.1	2.00	-2.00	0.00
5,880.0	4.78	111.29	5,661.2	-520.9	1,336.8	1,434.7	2.00	-2.00	0.00
5,920.0	3.98	111.29	5,701.1	-522.0	1,339.7	1,437.8	2.00	-2.00	0.00
5,960.0	3.18	111.29	5,741.0	-522.9	1,342.0	1,440.3	2.00	-2.00	0.00
6,000.0	2.38	111.29	5,780.9	-523.7	1,343.8	1,442.2	2.00	-2.00	0.00
6,040.0	1.58	111.29	5,820.9	-524.2	1,345.1	1,443.6	2.00	-2.00	0.00
6,080.0	0.78	111.29	5,860.9	-524.5	1,345.9	1,444.4	2.00	-2.00	0.00
6,119.1	0.00	0.00	5,900.0	-524.6	1,346.1	1,444.7	2.00	-2.00	0.00
6,120.0	0.00	0.00	5,900.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,160.0	0.00	0.00	5,940.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,200.0	0.00	0.00	5,980.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,240.0	0.00	0.00	6,020.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,280.0	0.00	0.00	6,060.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,320.0	0.00	0.00	6,100.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,360.0	0.00	0.00	6,140.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,400.0	0.00	0.00	6,180.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,440.0	0.00	0.00	6,220.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,480.0	0.00	0.00	6,260.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,520.0	0.00	0.00	6,300.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,560.0	0.00	0.00	6,340.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,600.0	0.00	0.00	6,380.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,640.0	0.00	0.00	6,420.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,680.0	0.00	0.00	6,460.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,720.0	0.00	0.00	6,500.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,760.0	0.00	0.00	6,540.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,800.0	0.00	0.00	6,580.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,840.0	0.00	0.00	6,620.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,880.0	0.00	0.00	6,660.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,906.1	0.00	0.00	6,687.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
SHARON SPRINGS									
6,920.0	0.00	0.00	6,700.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,960.0	0.00	0.00	6,740.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
6,976.1	0.00	0.00	6,757.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
NIOBRARA									
7,000.0	0.00	0.00	6,780.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,040.0	0.00	0.00	6,820.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,080.0	0.00	0.00	6,860.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,120.0	0.00	0.00	6,900.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,160.0	0.00	0.00	6,940.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,200.0	0.00	0.00	6,980.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,213.1	0.00	0.00	6,994.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
FT. HAYES									
7,238.1	0.00	0.00	7,019.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
CODELL									
7,240.0	0.00	0.00	7,020.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,269.1	0.00	0.00	7,050.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
FAIRPORT									
7,280.0	0.00	0.00	7,060.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,306.1	0.00	0.00	7,087.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
GREENHORN									
7,320.0	0.00	0.00	7,100.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,360.0	0.00	0.00	7,140.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,400.0	0.00	0.00	7,180.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		

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)	Turn Rate (°/100ft)
7,440.0	0.00	0.00	7,220.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,480.0	0.00	0.00	7,260.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,506.1	0.00	0.00	7,287.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
GRANEROS									
7,520.0	0.00	0.00	7,300.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,560.0	0.00	0.00	7,340.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,600.0	0.00	0.00	7,380.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,640.0	0.00	0.00	7,420.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,675.1	0.00	0.00	7,456.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
MOWRY									
7,680.0	0.00	0.00	7,460.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,691.1	0.00	0.00	7,472.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
J-SAND									
7,720.0	0.00	0.00	7,500.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,760.0	0.00	0.00	7,540.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,770.1	0.00	0.00	7,551.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
SKULL CREEK A MARKER									
7,800.0	0.00	0.00	7,580.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,840.0	0.00	0.00	7,620.9	-524.6	1,346.1	1,444.7	0.00	0.00	0.00
7,841.1	0.00	0.00	7,622.0	-524.6	1,346.1	1,444.7	0.00	0.00	0.00

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
450.0	450.0	8 5/8"	8-5/8	12-1/4

Formations					
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,861.2	3,727.0	SUSSEX		0.00	
3,984.6	3,844.0	SUSSEX PAY TOP		0.00	
4,129.0	3,981.0	SUSSEX MARKER		0.00	
4,377.9	4,217.0	SHANNON		0.00	
5,305.2	5,097.0	TEEPEE BUTTES		0.00	
6,906.1	6,687.0	SHARON SPRINGS		0.00	
6,976.1	6,757.0	NIOBRARA		0.00	
7,213.1	6,994.0	FT. HAYES		0.00	
7,238.1	7,019.0	CODELL		0.00	
7,269.1	7,050.0	FAIRPORT		0.00	
7,306.1	7,087.0	GREENHORN		0.00	
7,506.1	7,287.0	GRANEROS		0.00	
7,675.1	7,456.0	MOWRY		0.00	
7,691.1	7,472.0	J-SAND		0.00	
7,770.1	7,551.0	SKULL CREEK A MARKER		0.00	

Database:	Landmark	Local Co-ordinate Reference:	Well Bohrer Trust 21-19
Company:	EnCana Oil & Gas Weld County CO	TVD Reference:	WELL @ 5097.0ft (Original Well Elev)
Project:	SEC.19-T3N-R68W	MD Reference:	WELL @ 5097.0ft (Original Well Elev)
Site:	Bohrer Trust 21-19 Pad Sec.19-T3N-R68W	North Reference:	True
Well:	Bohrer Trust 21-19	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (1-08-13)		