



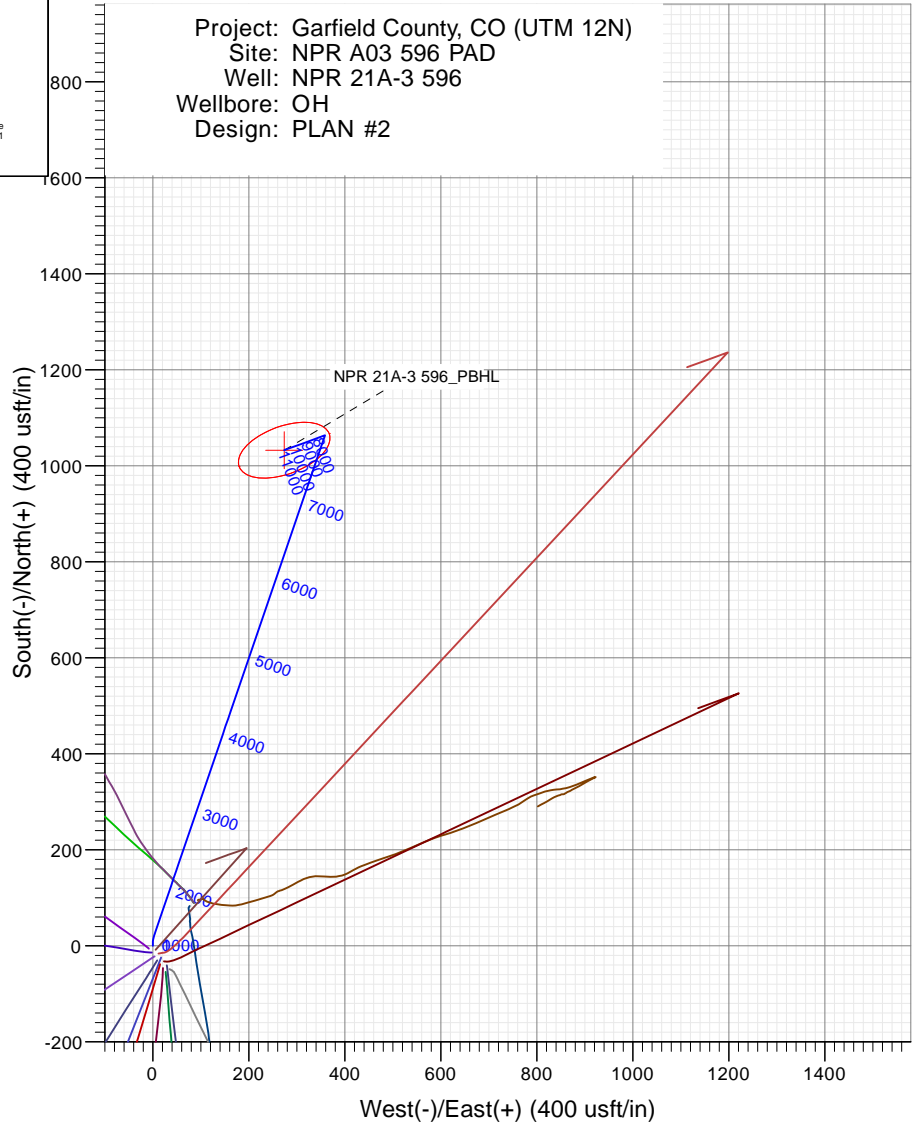
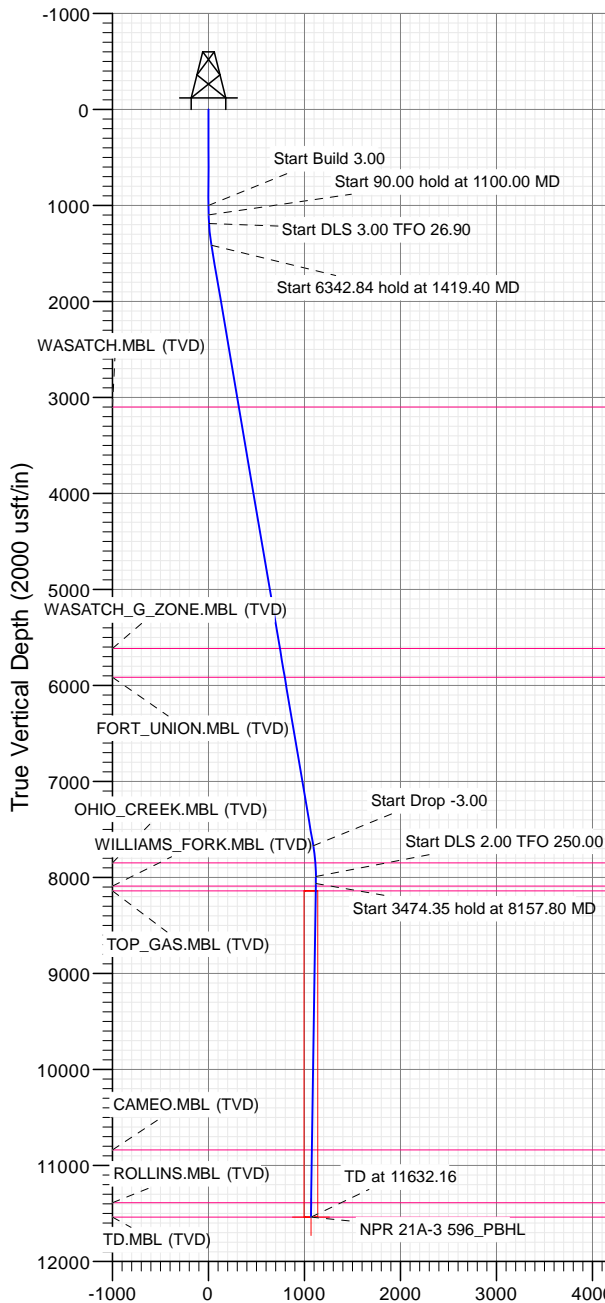
SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	1000.00	0.00	0.00	1000.00	0.00	0.00	0.00	0.00	0.00	
3	1100.00	3.00	0.00	1099.95	2.62	0.00	3.00	0.00	2.53	
4	1190.00	3.00	0.00	1189.83	7.33	0.00	0.00	0.00	7.08	
5	1419.40	9.65	18.86	1417.72	31.56	6.23	3.00	26.90	32.10	
6	7762.24	9.65	18.86	7670.76	1037.97	350.11	0.00	0.00	1093.03	
7	8084.00	0.00	0.00	7991.00	1063.56	358.85	3.00	180.00	1120.00	
8	8157.80	1.48	250.00	8064.80	1063.23	357.96	2.00	250.00	1119.46	
9	11632.16	1.48	250.00	11538.00	1032.62	273.85	0.00	0.00	1068.32	NPR 21A-3 596_PBHL

PLAN #2
NPR 21A-3 596
GL+ KB @ 8381.00 (Original Well Elev)
Ground Level @ 8331.00
NAD 1983 - Western US
Well NPR 21A-3 596, True North

Type	Target	No Target (Freehand)	Azimuth	Origin	Type	N/S	E/W	From	TVD	0.00
Name	NPR 21A-3 596_PBHL		TVD	+N/-S	+E/-W	Latitude	Longitude			
			11538.00	1032.62	273.85	39.650534	-108.146541			

Project: Garfield County, CO (UTM 12N)
Site: NPR A03 596 PAD
Well: NPR 21A-3 596
Wellbore: OH
Design: PLAN #2



FORMATION TOP DETAILS

TVDPath	MDPath	Formation
3100.00	3125.84	WASATCH.MBL (TVD)
5617.00	5678.98	WASATCH_G_ZONE.MBL (TVD)
5917.00	5983.29	FORT UNION.MBL (TVD)
7849.00	7941.87	OHIO_CREEK.MBL (TVD)
8091.00	8184.01	WILLIAMS_FORK.MBL (TVD)
8141.00	8234.03	TOP_GAS.MBL (TVD)
10838.00	10931.93	CAMEO.MBL (TVD)
11388.00	11482.11	ROLLINS.MBL (TVD)
11538.00	11632.16	TD.MBL (TVD)



Azimuths to True North
Magnetic North: 9.65°
Magnetic Field
Strength: 51422.6snT
Dip Angle: 65.90°
Date: 5/10/2018
Model: HDGM

Vertical Section at 14.85° (2000 usft/in)

WELL DETAILS: NPR 21A-3 596

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	14410524.00	2443431.60	39.647700	-108.147513

CATHEDRAL



Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well NPR 21A-3 596
Company:	Caerus Oil & Gas	TVD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Project:	Garfield County, CO (UTM 12N)	MD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Site:	NPR A03 596 PAD	North Reference:	True
Well:	NPR 21A-3 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Project	Garfield County, CO (UTM 12N)		
Map System:	Universal Transverse Mercator (US Survey Feet)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 - Western US		
Map Zone:	Zone 12N (114 W to 108 W)		

Site		NPR A03 596 PAD			
Site Position:		Northing:	14,410,524.00 usft	Latitude:	39.647700
From:	Map	Easting:	2,443,431.60 usft	Longitude:	-108.147513
Position Uncertainty:	3.28 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.82 °

Well	NPR 21A-3 596					
Well Position	+N/-S	0.00 usft	Northing:	14,410,524.00 usft	Latitude:	39.647700
	+E/-W	0.00 usft	Easting:	2,443,431.60 usft	Longitude:	-108.147513
Position Uncertainty		3.28 usft	Wellhead Elevation:	usft	Ground Level:	8,331.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
			(°)	(°)	(nT)
	HDGM	5/10/2018	9.65	65.90	51,422.60000000

Design	PLAN #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	14.85

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,100.00	3.00	0.00	1,099.95	2.62	0.00	3.00	3.00	0.00	0.00	
1,190.00	3.00	0.00	1,189.83	7.33	0.00	0.00	0.00	0.00	0.00	
1,419.40	9.65	18.86	1,417.72	31.56	6.23	3.00	2.90	8.22	26.90	
7,762.24	9.65	18.86	7,670.76	1,037.97	350.11	0.00	0.00	0.00	0.00	
8,084.00	0.00	0.00	7,991.00	1,063.56	358.85	3.00	-3.00	0.00	180.00	
8,157.80	1.48	250.00	8,064.80	1,063.23	357.96	2.00	2.00	-149.04	250.00	
11,632.16	1.48	250.00	11,538.00	1,032.62	273.85	0.00	0.00	0.00	0.00	NPR 21A-3 596_PBH

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well NPR 21A-3 596
Company:	Caerus Oil & Gas	TVD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Project:	Garfield County, CO (UTM 12N)	MD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Site:	NPR A03 596 PAD	North Reference:	True
Well:	NPR 21A-3 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	Start Build 3.00
1,100.00	3.00	0.00	1,099.95	2.62	0.00	2.53	3.00	3.00	Start 90.00 hold at 1100.00 MD
1,190.00	3.00	0.00	1,189.83	7.33	0.00	7.08	0.00	0.00	Start DLS 3.00 TFO 26.90
1,200.00	3.27	2.38	1,199.82	7.87	0.01	7.61	3.00	2.70	
1,300.00	6.13	14.12	1,299.47	15.90	1.43	15.74	3.00	2.86	
1,400.00	9.08	18.34	1,398.58	28.57	5.22	28.95	3.00	2.95	
1,419.40	9.65	18.86	1,417.72	31.56	6.23	32.10	3.00	2.97	Start 6342.84 hold at 1419.40 MD
1,500.00	9.65	18.86	1,497.18	44.35	10.60	45.58	0.00	0.00	
1,600.00	9.65	18.86	1,595.77	60.21	16.02	62.31	0.00	0.00	
1,700.00	9.65	18.86	1,694.35	76.08	21.44	79.04	0.00	0.00	
1,800.00	9.65	18.86	1,792.94	91.95	26.86	95.76	0.00	0.00	
1,900.00	9.65	18.86	1,891.52	107.82	32.28	112.49	0.00	0.00	
2,000.00	9.65	18.86	1,990.10	123.68	37.70	129.21	0.00	0.00	
2,100.00	9.65	18.86	2,088.69	139.55	43.13	145.94	0.00	0.00	
2,200.00	9.65	18.86	2,187.27	155.42	48.55	162.67	0.00	0.00	
2,300.00	9.65	18.86	2,285.86	171.28	53.97	179.39	0.00	0.00	
2,400.00	9.65	18.86	2,384.44	187.15	59.39	196.12	0.00	0.00	
2,500.00	9.65	18.86	2,483.03	203.02	64.81	212.85	0.00	0.00	
2,600.00	9.65	18.86	2,581.61	218.88	70.23	229.57	0.00	0.00	
2,700.00	9.65	18.86	2,680.19	234.75	75.65	246.30	0.00	0.00	
2,800.00	9.65	18.86	2,778.78	250.62	81.08	263.03	0.00	0.00	
2,900.00	9.65	18.86	2,877.36	266.48	86.50	279.75	0.00	0.00	
3,000.00	9.65	18.86	2,975.95	282.35	91.92	296.48	0.00	0.00	
3,100.00	9.65	18.86	3,074.53	298.22	97.34	313.21	0.00	0.00	
3,125.84	9.65	18.86	3,100.00	302.32	98.74	317.53	0.00	0.00	WASATCH.MBL (TVD)
3,200.00	9.65	18.86	3,173.11	314.08	102.76	329.93	0.00	0.00	
3,300.00	9.65	18.86	3,271.70	329.95	108.18	346.66	0.00	0.00	
3,400.00	9.65	18.86	3,370.28	345.82	113.61	363.38	0.00	0.00	
3,500.00	9.65	18.86	3,468.87	361.68	119.03	380.11	0.00	0.00	
3,600.00	9.65	18.86	3,567.45	377.55	124.45	396.84	0.00	0.00	
3,700.00	9.65	18.86	3,666.04	393.42	129.87	413.56	0.00	0.00	
3,800.00	9.65	18.86	3,764.62	409.29	135.29	430.29	0.00	0.00	
3,900.00	9.65	18.86	3,863.20	425.15	140.71	447.02	0.00	0.00	
4,000.00	9.65	18.86	3,961.79	441.02	146.13	463.74	0.00	0.00	
4,100.00	9.65	18.86	4,060.37	456.89	151.56	480.47	0.00	0.00	
4,200.00	9.65	18.86	4,158.96	472.75	156.98	497.20	0.00	0.00	
4,300.00	9.65	18.86	4,257.54	488.62	162.40	513.92	0.00	0.00	
4,400.00	9.65	18.86	4,356.13	504.49	167.82	530.65	0.00	0.00	
4,500.00	9.65	18.86	4,454.71	520.35	173.24	547.38	0.00	0.00	
4,600.00	9.65	18.86	4,553.29	536.22	178.66	564.10	0.00	0.00	
4,700.00	9.65	18.86	4,651.88	552.09	184.09	580.83	0.00	0.00	
4,800.00	9.65	18.86	4,750.46	567.95	189.51	597.55	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well NPR 21A-3 596
Company:	Caerus Oil & Gas	TVD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Project:	Garfield County, CO (UTM 12N)	MD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Site:	NPR A03 596 PAD	North Reference:	True
Well:	NPR 21A-3 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
4,900.00	9.65	18.86	4,849.05	583.82	194.93	614.28	0.00	0.00	
5,000.00	9.65	18.86	4,947.63	599.69	200.35	631.01	0.00	0.00	
5,100.00	9.65	18.86	5,046.21	615.55	205.77	647.73	0.00	0.00	
5,200.00	9.65	18.86	5,144.80	631.42	211.19	664.46	0.00	0.00	
5,300.00	9.65	18.86	5,243.38	647.29	216.62	681.19	0.00	0.00	
5,400.00	9.65	18.86	5,341.97	663.16	222.04	697.91	0.00	0.00	
5,500.00	9.65	18.86	5,440.55	679.02	227.46	714.64	0.00	0.00	
5,600.00	9.65	18.86	5,539.14	694.89	232.88	731.37	0.00	0.00	
5,678.98	9.65	18.86	5,617.00	707.42	237.16	744.58	0.00	0.00	WASATCH_G_ZONE.MBL (TVD)
5,700.00	9.65	18.86	5,637.72	710.76	238.30	748.09	0.00	0.00	
5,800.00	9.65	18.86	5,736.30	726.62	243.72	764.82	0.00	0.00	
5,900.00	9.65	18.86	5,834.89	742.49	249.14	781.55	0.00	0.00	
5,983.29	9.65	18.86	5,917.00	755.70	253.66	795.48	0.00	0.00	FORT_UNION.MBL (TVD)
6,000.00	9.65	18.86	5,933.47	758.36	254.57	798.27	0.00	0.00	
6,100.00	9.65	18.86	6,032.06	774.22	259.99	815.00	0.00	0.00	
6,200.00	9.65	18.86	6,130.64	790.09	265.41	831.72	0.00	0.00	
6,300.00	9.65	18.86	6,229.23	805.96	270.83	848.45	0.00	0.00	
6,400.00	9.65	18.86	6,327.81	821.82	276.25	865.18	0.00	0.00	
6,500.00	9.65	18.86	6,426.39	837.69	281.67	881.90	0.00	0.00	
6,600.00	9.65	18.86	6,524.98	853.56	287.10	898.63	0.00	0.00	
6,700.00	9.65	18.86	6,623.56	869.42	292.52	915.36	0.00	0.00	
6,800.00	9.65	18.86	6,722.15	885.29	297.94	932.08	0.00	0.00	
6,900.00	9.65	18.86	6,820.73	901.16	303.36	948.81	0.00	0.00	
7,000.00	9.65	18.86	6,919.32	917.02	308.78	965.54	0.00	0.00	
7,100.00	9.65	18.86	7,017.90	932.89	314.20	982.26	0.00	0.00	
7,200.00	9.65	18.86	7,116.48	948.76	319.63	998.99	0.00	0.00	
7,300.00	9.65	18.86	7,215.07	964.63	325.05	1,015.72	0.00	0.00	
7,400.00	9.65	18.86	7,313.65	980.49	330.47	1,032.44	0.00	0.00	
7,500.00	9.65	18.86	7,412.24	996.36	335.89	1,049.17	0.00	0.00	
7,600.00	9.65	18.86	7,510.82	1,012.23	341.31	1,065.89	0.00	0.00	
7,700.00	9.65	18.86	7,609.40	1,028.09	346.73	1,082.62	0.00	0.00	
7,762.24	9.65	18.86	7,670.76	1,037.97	350.11	1,093.03	0.00	0.00	Start Drop -3.00
7,800.00	8.52	18.86	7,708.05	1,043.61	352.04	1,098.98	3.00	-3.00	
7,900.00	5.52	18.86	7,807.29	1,055.17	355.99	1,111.17	3.00	-3.00	
7,941.87	4.26	18.86	7,849.00	1,058.55	357.14	1,114.73	3.00	-3.00	OHIO_CREEK.MBL (TVD)
8,000.00	2.52	18.86	7,907.03	1,061.81	358.25	1,118.16	3.00	-3.00	
8,084.00	0.00	0.00	7,991.00	1,063.56	358.85	1,120.00	3.00	-3.00	Start DLS 2.00 TFO 250.00
8,100.00	0.32	250.00	8,007.00	1,063.54	358.81	1,119.98	2.00	2.00	
8,157.80	1.48	250.00	8,064.80	1,063.23	357.96	1,119.46	2.00	2.00	Start 3474.35 hold at 8157.80 MD
8,184.01	1.48	250.00	8,091.00	1,063.00	357.32	1,119.08	0.00	0.00	WILLIAMS_FORK.MBL (TVD)
8,200.00	1.48	250.00	8,106.98	1,062.86	356.94	1,118.84	0.00	0.00	
8,234.03	1.48	250.00	8,141.00	1,062.56	356.11	1,118.34	0.00	0.00	TOP_GAS.MBL (TVD)
8,300.00	1.48	250.00	8,206.95	1,061.98	354.51	1,117.37	0.00	0.00	
8,400.00	1.48	250.00	8,306.92	1,061.10	352.09	1,115.90	0.00	0.00	
8,500.00	1.48	250.00	8,406.88	1,060.21	349.67	1,114.42	0.00	0.00	
8,600.00	1.48	250.00	8,506.85	1,059.33	347.25	1,112.95	0.00	0.00	
8,700.00	1.48	250.00	8,606.82	1,058.45	344.83	1,111.48	0.00	0.00	
8,800.00	1.48	250.00	8,706.78	1,057.57	342.41	1,110.01	0.00	0.00	
8,900.00	1.48	250.00	8,806.75	1,056.69	339.99	1,108.54	0.00	0.00	
9,000.00	1.48	250.00	8,906.72	1,055.81	337.57	1,107.06	0.00	0.00	
9,100.00	1.48	250.00	9,006.68	1,054.93	335.15	1,105.59	0.00	0.00	
9,200.00	1.48	250.00	9,106.65	1,054.05	332.73	1,104.12	0.00	0.00	

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well NPR 21A-3 596
Company:	Caerus Oil & Gas	TVD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Project:	Garfield County, CO (UTM 12N)	MD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Site:	NPR A03 596 PAD	North Reference:	True
Well:	NPR 21A-3 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100u)	Comments / Formations
9,300.00	1.48	250.00	9,206.62	1,053.17	330.31	1,102.65	0.00	0.00	
9,400.00	1.48	250.00	9,306.58	1,052.29	327.89	1,101.18	0.00	0.00	
9,500.00	1.48	250.00	9,406.55	1,051.40	325.47	1,099.70	0.00	0.00	
9,600.00	1.48	250.00	9,506.52	1,050.52	323.05	1,098.23	0.00	0.00	
9,700.00	1.48	250.00	9,606.48	1,049.64	320.62	1,096.76	0.00	0.00	
9,800.00	1.48	250.00	9,706.45	1,048.76	318.20	1,095.29	0.00	0.00	
9,900.00	1.48	250.00	9,806.42	1,047.88	315.78	1,093.81	0.00	0.00	
10,000.00	1.48	250.00	9,906.38	1,047.00	313.36	1,092.34	0.00	0.00	
10,100.00	1.48	250.00	10,006.35	1,046.12	310.94	1,090.87	0.00	0.00	
10,200.00	1.48	250.00	10,106.32	1,045.24	308.52	1,089.40	0.00	0.00	
10,300.00	1.48	250.00	10,206.28	1,044.36	306.10	1,087.93	0.00	0.00	
10,400.00	1.48	250.00	10,306.25	1,043.47	303.68	1,086.45	0.00	0.00	
10,500.00	1.48	250.00	10,406.22	1,042.59	301.26	1,084.98	0.00	0.00	
10,600.00	1.48	250.00	10,506.19	1,041.71	298.84	1,083.51	0.00	0.00	
10,700.00	1.48	250.00	10,606.15	1,040.83	296.42	1,082.04	0.00	0.00	
10,800.00	1.48	250.00	10,706.12	1,039.95	294.00	1,080.57	0.00	0.00	
10,900.00	1.48	250.00	10,806.09	1,039.07	291.58	1,079.09	0.00	0.00	
10,931.93	1.48	250.00	10,838.00	1,038.79	290.80	1,078.62	0.00	0.00	CAMEO.MBL (TVD)
11,000.00	1.48	250.00	10,906.05	1,038.19	289.16	1,077.62	0.00	0.00	
11,100.00	1.48	250.00	11,006.02	1,037.31	286.74	1,076.15	0.00	0.00	
11,200.00	1.48	250.00	11,105.99	1,036.43	284.31	1,074.68	0.00	0.00	
11,300.00	1.48	250.00	11,205.95	1,035.55	281.89	1,073.20	0.00	0.00	
11,400.00	1.48	250.00	11,305.92	1,034.66	279.47	1,071.73	0.00	0.00	
11,482.11	1.48	250.00	11,388.00	1,033.94	277.49	1,070.52	0.00	0.00	ROLLINS.MBL (TVD)
11,500.00	1.48	250.00	11,405.89	1,033.78	277.05	1,070.26	0.00	0.00	
11,600.00	1.48	250.00	11,505.85	1,032.90	274.63	1,068.79	0.00	0.00	
11,632.16	1.48	250.00	11,538.00	1,032.62	273.85	1,068.32	0.00	0.00	TD at 11632.16 - TD.MBL (TVD) - NPR 21A-3 5

Targets

Target Name

- hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
NPR 21A-3 596_PBHL - plan hits target center - Ellipse (radii L100.00 W50.00 on 250.00 azi)	0.00	0.00	11,538.00	1,032.62	273.85	14,411,564.80	2,443,672.50	39.650534	-108.146541

Cathedral Energy Services

Planning Report

Database:	USA EDM 5000 Multi Users DB	Local Co-ordinate Reference:	Well NPR 21A-3 596
Company:	Caerus Oil & Gas	TVD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Project:	Garfield County, CO (UTM 12N)	MD Reference:	GL+ KB @ 8361.00usft (Original Well Elev)
Site:	NPR A03 596 PAD	North Reference:	True
Well:	NPR 21A-3 596	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	PLAN #2		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,125.84	3,100.00	WASATCH.MBL (TVD)				
5,678.98	5,617.00	WASATCH_G_ZONE.MBL (TVD)				
5,983.29	5,917.00	FORT_UNION.MBL (TVD)				
7,941.87	7,849.00	OHIO_CREEK.MBL (TVD)				
8,184.01	8,091.00	WILLIAMS_FORK.MBL (TVD)				
8,234.03	8,141.00	TOP_GAS.MBL (TVD)				
10,931.93	10,838.00	CAMEO.MBL (TVD)				
11,482.11	11,388.00	ROLLINS.MBL (TVD)				
11,632.16	11,538.00	TD.MBL (TVD)				

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,000.00	1,000.00	0.00	0.00	Start Build 3.00
1,100.00	1,099.95	2.62	0.00	Start 90.00 hold at 1100.00 MD
1,190.00	1,189.83	7.33	0.00	Start DLS 3.00 TFO 26.90
1,419.40	1,417.72	31.56	6.23	Start 6342.84 hold at 1419.40 MD
7,762.24	7,670.76	1,037.97	350.11	Start Drop -3.00
8,084.00	7,991.00	1,063.56	358.85	Start DLS 2.00 TFO 250.00
8,157.80	8,064.80	1,063.23	357.96	Start 3474.35 hold at 8157.80 MD
11,632.16	11,538.00	1,032.62	273.85	TD at 11632.16