

Bruton 30-17E
Mesa County, CO
Q180003 & RM-180003
Design #3

Company Name: Laramie Energy, LLC
Bruton 30-17E
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 1/3/2018

PROJECT DETAILS: Mesa County, CO
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone
System Datum: Mean Sea Level

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Azimuths to True North
Magnetic North: 9.53°

Strength: 51348.9snT
Dip Angle: 65.41°
Date: 12/21/2017
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2623.0	2712.4	G' Sand
4473.0	4718.1	Williams Fork
5673.0	5976.8	TOG
6773.0	7076.8	Cameo
7433.0	7736.8	Base Cameo Coal
7473.0	7776.8	Rollins

WELL DETAILS: Bruton 30-17E					
+N/-S	+E/-W	North	East	Ground Level	7643.0
0.0	0.0	1523570.12	2346215.54	Latitude	39.248119
				Longitude	-107.808856

DESIGN #3 ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
1058.0	0.00	0.00	1058.0	0.0	0.0	0.0	0.0	KOP (Build 3" / 100')	
1815.7	22.73	161.11	1795.0	-140.3	48.0	148.3	148.3	EOB @ 22.73" Inc. / 161.11" Azm	
5219.1	22.73	161.11	4935.0	-1384.6	473.7	1463.4	1463.4	Drop 3" / 100'	
5976.8	0.00	0.00	5673.0	-1524.9	521.7	1611.7	1611.7	EOD @ Vertical	
8026.8	0.00	0.00	7723.0	-1524.9	521.7	1611.7	1611.7	TD @ 8026.8' MD / 7723.0' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
111.0	0.40	119.40	111.0	-0.2	0.3	0.3	0.4	First MWD Survey @ 111.0' MD / 111.0' TVD	
8006.0	4.10	231.00	7710.0	-1542.0	488.5	1617.1	1679.5	Projection to TD @ 8006.0' MD / 7710.0' TVD	

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	North	East	Latitude	Longitude	Shape
PBHL - Bruton 30-17E	7723.0	-1524.9	521.7	1522032.40	2346698.30	39.243932	-107.807014	Circle (Radius: 50.0)

