

Bruton 19-05W
Mesa County, CO
Q171188 & RM-171006
Design #2

Company Name: Laramie Energy, LLC
Bruton 19-05W
Mesa County, CO
Rig: H&P #290
Created By: Will Jircik
Date: 9/19/2017

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



WELL DETAILS: Bruton 19-05W					
+N/-S	+E/-W	Northing	Ground Level: Easting	Latitude	Longitude
0.0	0.0	1529008.69	2344593.26	39.262933	-107.815072

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2561.0	2638.1	G' Sand
4361.0	4507.0	Williams Fork
5861.0	5843.5	TOG
6661.0	6843.5	Cameo
7321.0	7503.5	Base Cameo Coal
7361.0	7543.5	Rollins

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Azimuths to True North

Magnetic North: 9.56°

Strength: 51387.7snT

Dip Angle: 65.42°

Date: 9/18/2017

Model: IGRF2015

DESIGNS #2 ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100)	
720.2	15.61	346.91	713.8	68.6	-15.9	70.4	70.4	EOB @ 15.61° Inc. / 346.91° Azm	
5323.3	15.61	346.91	5147.2	1274.7	-296.3	1308.7	1308.7	Drop 3° / 100'	
5843.5	0.00	0.00	5661.0	1343.2	-312.3	1379.1	1379.1	EOD @ Vertical	
7793.5	0.00	0.00	7611.0	1343.2	-312.3	1379.1	1379.1	TD @ 7794' MD / 7611' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
204.0	4.10	269.40	203.8	-0.1	-7.3	1.8	7.3	First MWD Survey @ 204.0' MD / 203.8' TVD	
7794.0	2.10	227.60	7606.2	1337.9	-332.3	1378.2	1455.5	PH TD @ 7794.0' MD / 7606.2' TVD	

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Bruton 19-05W	7611.0	1343.2	-312.3	1530359.45	2344315.30	39.266621	-107.816175	Circle (Radius: 50.0)
- plan hits target center								

