

Bruton 30-03W  
Mesa County, CO  
Q171031 & RM-170880  
Design #1

Company Name: Laramie Energy, LLC  
Bruton 30-03W  
Mesa County, CO  
Rig: H&P #522  
Created By: Will Jircik  
Date: 9/04/2017

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

Azimuths to True North  
Magnetic North: 9.57°

Strength: 51390.0snT  
Dip Angle: 65.42°  
Date: 8/17/2017  
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2617.0	2634.1	G' Sand
4467.0	4500.5	Williams Fork
5567.0	5709.6	TOG
6767.0	6809.6	Cameo
7427.0	7469.6	Base Cameo Coal
7467.0	7509.6	Rollins

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
508.0	0.00	0.00	508.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100')	
760.8	7.58	301.54	760.1	8.7	-14.2	16.7	16.7	EOB @ 7.58° Inc. / 301.54° Azm	
5461.8	7.43	301.54	5449.9	333.2	-543.0	637.1	637.1	Drop 3' / 100'	
5709.6	0.00	0.00	5667.0	341.6	-556.7	653.2	653.2	EOD @ Vertical	
7759.6	0.00	0.00	7717.0	341.6	-556.7	653.2	653.2	TD @ 7759.6' MD / 7717.0' TVD	

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Bruton 30-03W	7717.0	341.6	-556.7	1525627.63	2344179.91	39.253624	-107.816227	Circle (Radius: 50.0)

