

Bruton 30-02E  
Mesa County, CO  
Q170673 & RM-170563  
Design #2

Company Name: Laramie Energy, LLC  
Bruton 30-02E  
Mesa County, CO  
Rig: H&P #290  
Created By: Will Jircik  
Date: 5/29/2017

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



Vertical Section at 218.81° (200 usft/in)

Azimuths to True North  
Magnetic North: 9.59°

Strength: 51421.7snT  
Dip Angle: 65.43°  
Date: 5/15/2017  
Model: IGRF2015

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2569.0	2573.4	G' Sand
4419.0	4428.8	Williams Fork
5719.0	5732.4	TOG
6719.0	6732.4	Cameo
7379.0	7392.4	Base Cameo Coal
7419.0	7432.4	Rollins

WELL DETAILS: Bruton 30-02E						
+N/-S	+E/-W	Northing	Ground Level:	Easting	Latitude	Longitude
0.0	0.0	1526109.48	7425.0	2347052.88	39.255147	-107.806128

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BRUTON 30-02E - plan hits target center	7669.0	-274.3	-220.7	1525840.84	2346825.34	39.254394	-107.806907
Shape Circle (Radius: 50.0)							

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
113.0	1.50	147.00	113.0	-1.2	0.8	0.5	1.5	First MWD Survey @ 113.0' MD / TVD	
7704.0	2.10	225.00	7690.6	-280.4	-241.3	369.8	391.0	Projection to TD @ 7704.0' MD / 7690.6' TVD	

