

Bruton 30-10W
Mesa County, CO
Q171320 & RM-171114
Design #1

Company Name: Laramie Energy, LLC
Bruton 30-10W
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 10/21/2017

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

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Azimuths to True North
Magnetic North: 9.55°

Strength: 51371.4snT
Dip Angle: 65.41°
Date: 10/17/2017
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2554.0	2641.3	G' Sand
4404.0	4589.8	Williams Fork
5604.0	5832.0	TOG
6704.0	6932.0	Cameo
7364.0	7592.0	Base Cameo Coal
7404.0	7632.0	Rollins



WELL DETAILS: Bruton 30-10W					
+N/-S	+E/-W	Northing	Ground Level: Easting	7512.0 Latitude	Longitude
0.0	0.0	1525238.16	2344707.90	39.252592	-107.814328

DESIGN #1 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')	
1117.7	18.29	201.92	1107.4	-89.5	-36.0	96.5	96.5	EOB @ 18.29° Inc. / 201.92° Azm	
5222.3	18.29	201.92	5004.6	-1284.6	-517.0	1384.8	1384.8	Drop 3° / 100'	
5832.0	0.00	0.00	5604.0	-1374.2	-553.1	1481.3	1481.3	EOD @ Vertical	
7882.0	0.00	0.00	7654.0	-1374.2	-553.1	1481.3	1481.3	TD @ 7882.0' MD / 7654.0' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture	Annotation		
112.0	0.80	227.10	112.0	-0.5	-0.6	0.7	0.8	First MWD Survey @ 112.0' MD / 112.0' TVD	
7860.0	2.80	215.20	7641.7	-1386.2	-571.8	1499.4	1516.1	Projection to TD @ 7860.0' MD / 7641.7' TVD	

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL - Bruton 30-10W	7654.0	-1374.2	-553.1	1523878.53	2344120.01	39.248819	-107.816281	Circle (Radius: 50.0)	

