

Bruton 30-11W
Mesa County, CO
Q171323 & RM-171117
Design #2

Company Name: Laramie Energy, LLC
Bruton 30-11W
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 11/12/2017

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
2544.0	2655.7	G' Sand
4394.0	4644.7	Williams Fork
5594.0	5898.9	TOG
6694.0	6998.9	Cameo
7354.0	7658.9	Base Cameo Coal
7394.0	7698.9	Rollins

WELL DETAILS: Bruton 30-11W						
+N/-S	+E/-W	Northing	Ground Level: Easting	7512.0	Latitude	Longitude
0.0	0.0	1529230.91	2344706.30		39.252572	-107.814333

DESIGN ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
1450.0	22.00	187.35	1422.7	-188.5	-84.0	205.5	0.0	Gyro Tie-in / Drop 3° / 100'	
1587.3	21.55	198.40	1550.2	-237.9	-95.3	255.9	50.8	EOD @ 21.55° Inc. / 198.4° Azm	
5180.7	21.55	198.40	4892.6	-1490.1	-511.8	1575.5	1370.5	Drop 3° / 100'	
5898.9	0.00	0.00	5594.0	-1616.7	-553.9	1709.0	1503.9	EOD @ Vertical	
7948.9	0.00	0.00	7644.0	-1616.7	-553.9	1709.0	1503.9	TD @ 7949' MD / 7644' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
1450.0	22.00	187.35	1422.7	-188.5	-84.0	205.5	211.2	Gyro Tie-in @ 1450.0' MD / 1422.7' TVD	
7937.0	2.90	208.60	7642.3	-1635.7	-584.2	1736.8	1750.3	Projection to TD @ 7937.0' MD / 7642.3' TVD	

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL - Bruton 30-11W	7644.0	-1616.7	-553.9	1523628.81	2344111.37	39.248133	-107.816289	Circle (Radius: 50.0)	

