

Bruton 30-15E
Mesa County, CO
Q171494 & RM-171277
Design #2

Company Name: Laramie Energy, LLC
Bruton 30-15E
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 12/18/2017

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: 9.54°

Strength: 51357.7snT
Dip Angle: 65.41°
Date: 11/22/2017
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2655.0	2703.3	G' Sand
4505.0	4629.9	Williams Fork
5705.0	5864.7	TOG
6805.0	6964.7	Cameo
7465.0	7624.7	Base Cameo Coal
7505.0	7664.7	Rollins

WELL DETAILS: Bruton 30-15E					
+N/-S	+E/-W	Northing	Ground Level: Easting	7643.0	Latitude
0.0	0.0	1523587.86	2346205.79	39.248167	Longitude
					-107.808892

DESIGN ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
1130.0	0.00	0.00	1130.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100')	
1670.5	16.22	152.77	1663.3	-67.6	34.8	76.0	76.0	EOB @ 16.22° Inc. / 152.77° Azm	
5324.2	16.22	152.77	5171.7	-974.8	501.6	1096.3	1096.3	Drop 3° / 100'	
5864.7	0.00	152.77	5705.0	-1042.4	536.4	1172.3	1172.3	EOD @ Vertical	
7914.7	0.00	0.00	7755.0	-1042.4	536.4	1172.3	1172.3	TD @ 7914.7' MD / 7755.0' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
110.0	0.30	196.30	110.0	-0.3	-0.1	-0.2	0.3	First MWD Survey @ 110.0' MD / 110.0' TVD	
7873.0	3.25	231.20	7714.9	-1055.3	515.3	-1174.2	1249.3	Projection to TD @ 7873.0' MD / 7714.9' TVD	

DESIGN TARGET DETAILS									
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape	
PBHL - Bruton 30-15E	7755.0	-1042.4	536.4	1522532.20	2346715.52	39.245305	-107.806998	Circle (Radius: 50.0)	

