

Bruton 30-16E
Mesa County, CO
Q171627 & RM-171378
Design #2

Company Name: Laramie Energy, LLC
Bruton 30-16E
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 12/31/2017

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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M

Azimuths to True North

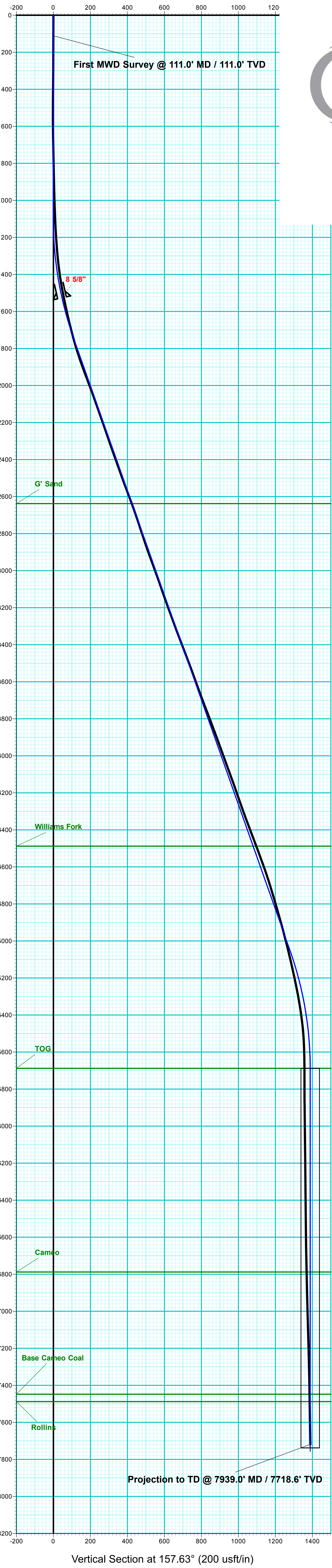
Magnetic North: 9.53°

Strength: 51348.9snT

Dip Angle: 65.41°

Date: 12/21/2017

Model: IGRF2015



FORMATION TOP DETAILS			
TVDPath	MDPath	Formation	
2638.0	2704.7	G' Sand	
4488.0	4667.1	Williams Fork	
5688.0	5913.7	TOG	
6788.0	7013.7	Cameo	
7448.0	7673.7	Base Cameo Coal	
7488.0	7713.7	Rollins	

WELL DETAILS: Bruton 30-16E						
+N/-S	+E/-W	Northing	Ground Level: 7643.0	Easting	Latitude	Longitude
0.0	0.0	1523579.34	2346211.24	39.248144	-107.808872	

DESIGN ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
1108.0	0.00	0.00	1108.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100')	
1757.4	19.48	157.63	1745.0	-101.1	41.6	109.4	109.4	EOB @ 19.48° Inc. / 157.63° Azm	
5264.2	19.48	157.63	5051.0	-1182.7	486.8	1279.0	1279.0	Drop 3° / 100'	
5913.7	0.00	0.00	5688.0	-1283.8	528.5	1388.4	1388.4	EOD @ Vertical	
7963.7	0.00	0.00	7738.0	-1283.8	528.5	1388.4	1388.4	TD @ 7963.7' MD / 7738.0' TVD	

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation	
111.0	1.20	53.40	111.0	0.7	0.9	-0.3	1.2	First MWD Survey @ 111.0' MD / 111.0' TVD	
7939.0	3.80	234.30	7718.6	-1297.2	497.5	1389.0	1468.7	Projection to TD @ 7939.0' MD / 7718.6' TVD	

