

Bruton 30-04W
Mesa County, CO
Q171032 & RM-170881
Design #1

Company Name: Laramie Energy, LLC
Bruton 30-04W
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 9/9/2017

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

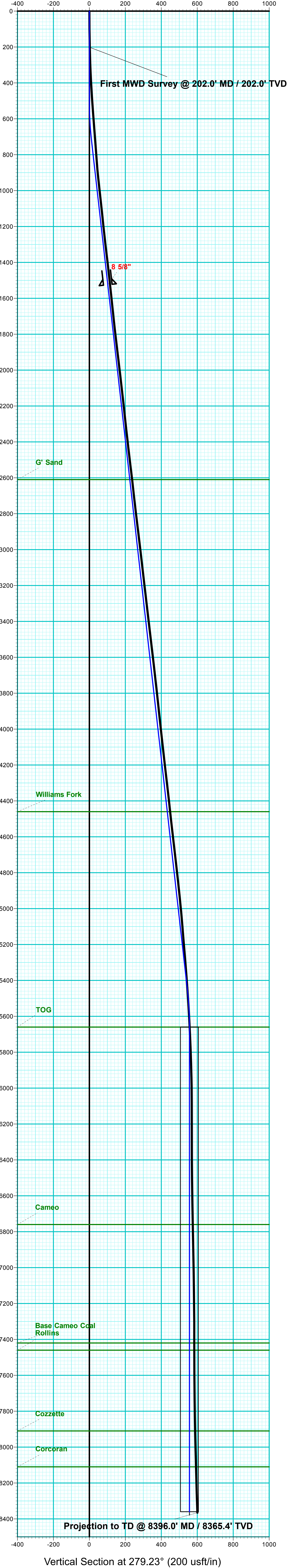
Magnetic North: 9.57°

Strength: 51390.0snT

Dip Angle: 65.42°

Date: 8/17/2017

Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2610.0	2622.4	G' Sand
4460.0	4484.1	Williams Fork
5660.0	5690.8	TOG
6760.0	6790.8	Cameo
7420.0	7450.8	Base Cameo Coal
7460.0	7490.8	Rollins
7910.0	7940.8	Cozzette
8110.0	8140.8	Corcoran

WELL DETAILS: Bruton 30-04W						
+N/-S	+E/-W	Northing	Ground Level: Easting	7512.0	Latitude	Longitude
0.0	0.0	1525274.32	2344718.46		39.252692	-107.814294

ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
202.0	1.70	317.70	202.0	2.2	-2.0	2.3	3.0	First MWD Survey @ 202.0' MD / 202.0' TVD
8396.0	2.60	236.80	8365.4	72.9	-596.8	600.7	623.6	Projection to TD @ 8396.0' MD / 8365.4' TVD

DESIGN ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure	Annotation
508.0	0.00	0.00	508.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100')
722.4	6.43	279.23	721.9	1.9	-11.9	12.0	12.0	EOB @ 6.43° Inc. / 279.23° Azm
5476.4	6.43	279.23	5446.1	87.3	-537.5	544.5	544.5	Drop 3° / 100'
5690.8	0.00	0.00	5660.0	89.3	-549.4	556.6	556.6	EOD @ Vertical
8390.8	0.00	0.00	8360.0	89.3	-549.4	556.6	556.6	TD @ 8390.8' MD / 8360' TVD

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Bruton 30-04W	8360.0	89.3	-549.4	1525377.55	2344171.55	39.252937	-107.816234	Circle (Radius: 50.0)

