

Bruton Federal 30-19W
Mesa County, CO
Q180046 & RM-180046
Design #2

Company Name: Laramie Energy, LLC
Bruton Federal 30-19W
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 1/25/2018

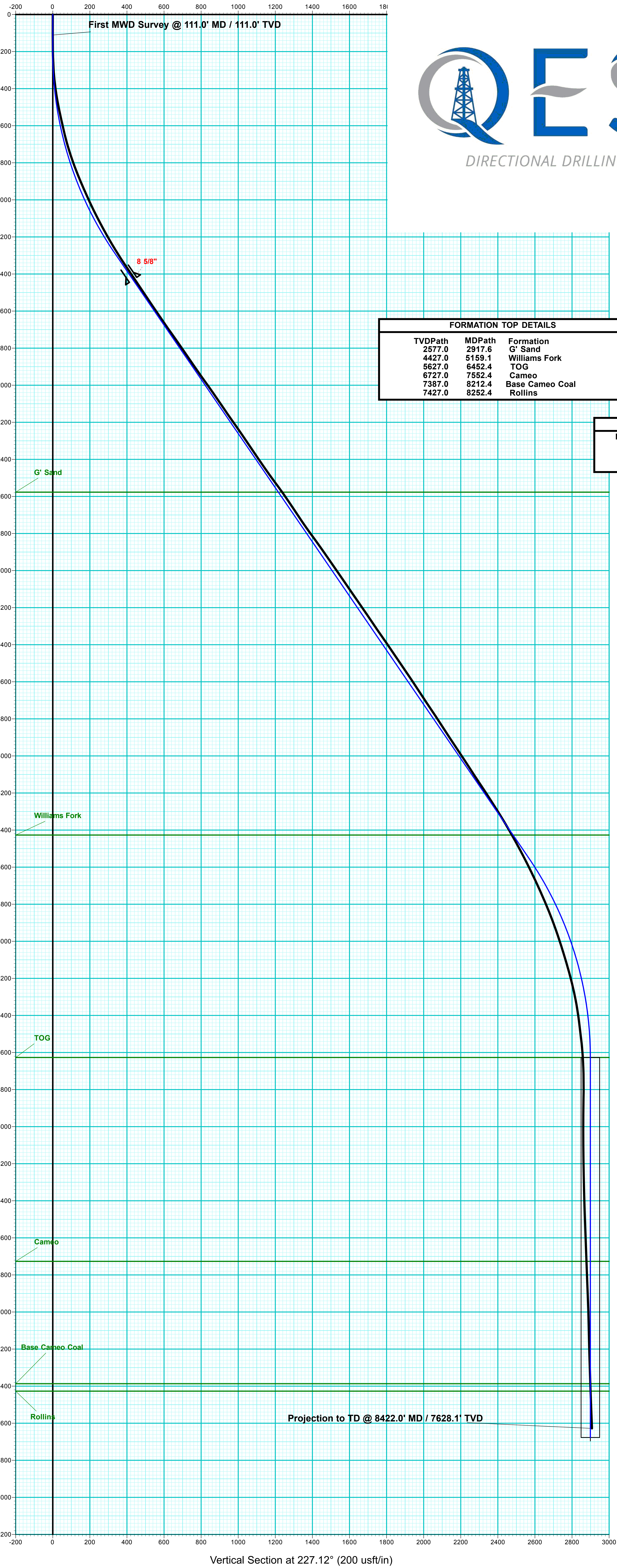
PROJECT DETAILS: Mesa County, CO
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone
System Datum: Mean Sea Level

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Azimuths to True North
Magnetic North: 9.53°

Strength: 51344.0snT
Dip Angle: 65.41°
Date: 1/6/2018
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2577.0	2917.6	G' Sand
4427.0	5159.1	Williams Fork
5627.0	6452.4	TOG
6727.0	7552.4	Cameo
7387.0	8212.4	Base Cameo Coal
7427.0	8252.4	Rollins

WELL DETAILS: Bruton Federal 30-19W					
+N/-S	+E/-W	Northing	Ground Level: Easting	7643.0 Latitude	Longitude
0.0	0.0	1523547.87	2346216.68	39.248058	-107.808850

ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
208.0	0.00	0.00	208.0	0.0	0.0	0.0	0.0	KOP (Build 3° / 100')	
1353.9	34.38	227.12	1286.4	-227.0	-244.5	333.6	333.6	EOB @ 34.38° Inc. / 227.12° Azm	
5306.5	34.38	227.12	4548.6	-1745.5	-1880.0	2565.4	2565.4	Drop 3° / 100'	
6452.4	0.00	0.00	5627.0	-1972.5	-2124.4	2898.9	2898.9	EOD @ Vertical	
8502.4	0.00	0.00	7677.0	-1972.5	-2124.4	2898.9	2898.9	TD @ 8502.4' MD / 7677.0' TVD	

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Bruton Federal 30-19W	7677.0	-1972.5	-2124.4	1521630.00	2344042.83	39.242642	-107.816351	Circle (Radius: 50.0)

