

Bruton 30-06E
Mesa County, CO
Q171227 & RM-171036
Design #1

Company Name: Laramie Energy, LLC
Bruton 30-06E
Mesa County, CO
Rig: H&P #522
Created By: Will Jircik
Date: 10/7/2017

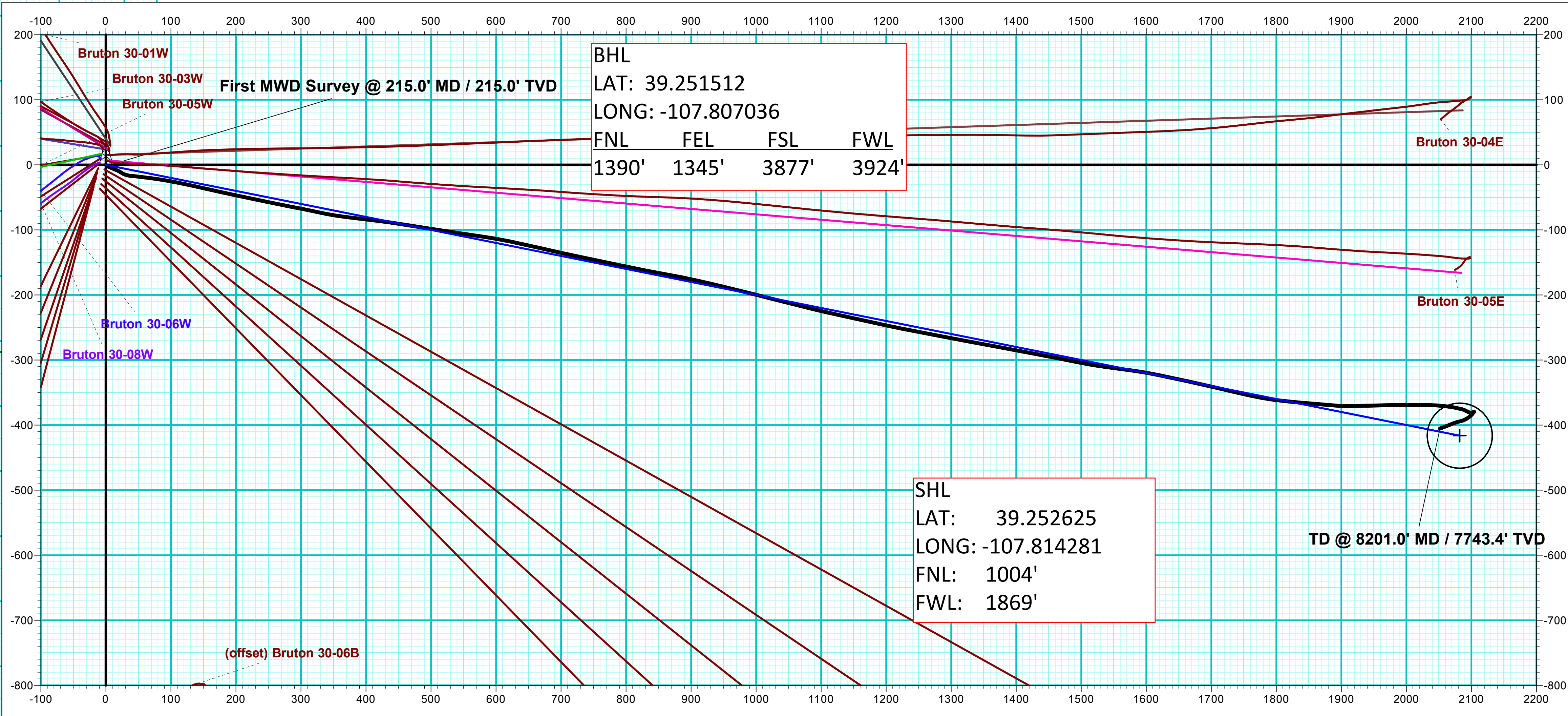
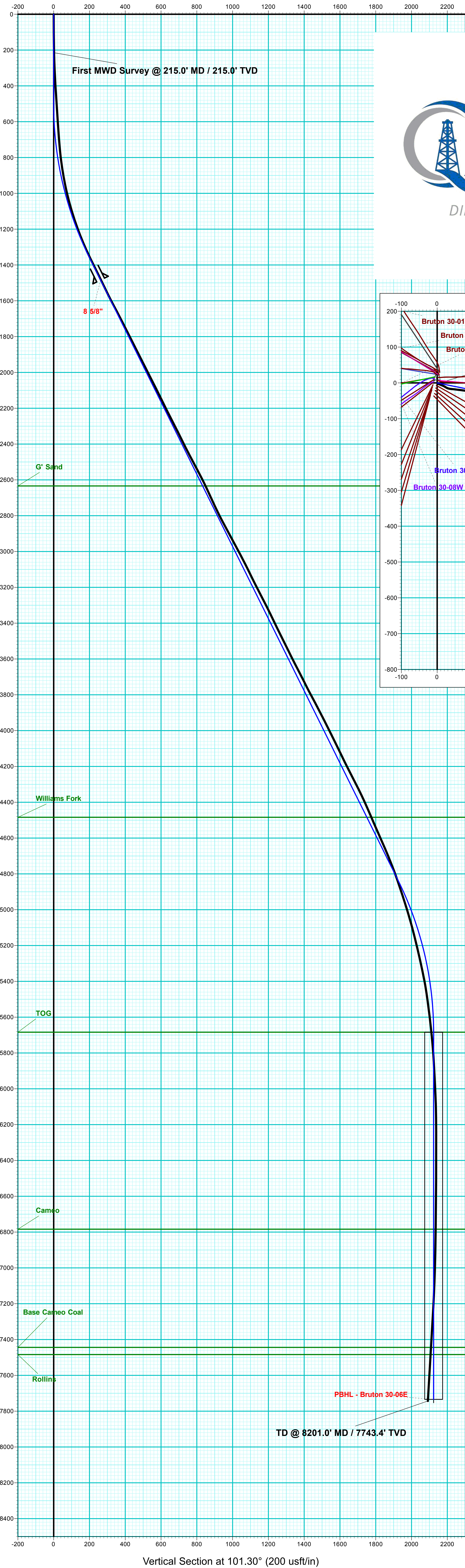
PROJECT DETAILS: Mesa County, CO
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone
System Datum: Mean Sea Level

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Azimuths to True North
Magnetic North: 9.56°

Strength: 51378.1snT
Dip Angle: 65.42°
Date: 9/25/2017
Model: IGRF2015



FORMATION TOP DETAILS		
TVDPATH	MDPATH	FORMATION
2634.0	2813.3	G' Sand
4484.0	4878.4	Williams Fork
5684.0	6150.0	TOG
6784.0	7250.0	Cameo
7444.0	7910.0	Base Cameo Coal
7484.0	7950.0	Rollins

WELL DETAILS: Bruton 30-06E					
+N/-S	+E/-W	Northing	Ground Level: Easting	7512.0 Latitude	Longitude
0.0	0.0	1525249.84	2344721.51	39.252625	-107.814281

Design #1 Annotations							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure
508.0	0.00	0.00	508.0	0.0	0.0	0.0	0.0
1387.5	26.38	101.30	1356.7	-39.0	195.1	198.9	198.9
5270.5	26.38	101.30	4835.3	-377.2	1887.2	1924.5	1924.5
6150.0	0.00	0.00	5684.0	-416.2	2082.2	2123.4	2123.4
8200.0	0.00	0.00	7734.0	-416.2	2082.2	2123.4	2123.4
				KOP (Build 3° / 100')			
				EOB @ 26.38° Inc. / 101.30° Azm			
				Drop 3° / 100'			
				EOD @ Vertical			
				TD @ 8200' MD / 7734' TVD			

ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSec	Departure
215.0	1.30	129.70	215.0	-1.6	1.9	2.1	2.4
8201.0	4.00	248.90	7743.4	-405.3	2051.7	2091.4	2205.6
				First MWD Survey @ 215.0' MD / 215.0' TVD			
				TD @ 8201.0' MD / 7743.4' TVD			

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - Bruton 30-06E	7734.0	-416.2	2082.2	1524780.74	2346792.47	39.251482	-107.806928	Circle (Radius: 50.0)