

Project: Mesa County, CO
Site: BCU 14L Pad
Well: Laramie BCU 0993-14-09W
Wellbore: OH
Design: Design #2
Latitude: 39.272694
Longitude: -107.744826
Ground Level: 7394.0
RKB @ 7418.0usft (Ensign #157)

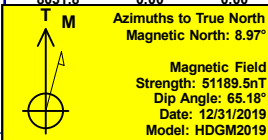
PROJECT DETAILS: Mesa County, CO
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone
System Datum: Mean Sea Level

REFERENCE INFORMATION
Vertical (TVD) Reference: RKB @ 7418.0usft (Ensign #157)
Section (VS) Reference: Slot - A-6(0.0N, 0.0E)
Measured Depth Reference: RKB @ 7418.0usft (Ensign #157)
Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2641.0	2712.2	Wasatch 'G' Sand
3229.0	3321.0	Fort Union
3763.0	3873.9	Lower Wasatch
4653.0	4795.4	Ohio Creek
5142.0	5300.2	Williams Fork
6121.0	6281.8	TOG
6924.0	7084.8	Cameo
7652.0	7812.8	Base Cameo Coal
7671.0	7831.8	Rollins

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	Build 2.5° / 100'
230.0	0.00	0.00	230.0	0.0	0.0	0.00	0.00	0.0	ErOB @ 8.00° Inc. / 24.13° Azm / Build 2.5° / 100'
550.0	8.00	24.13	549.0	20.4	9.1	2.50	24.13	22.3	EOB @ 15.03° Inc.
831.1	15.03	24.13	824.2	71.5	32.0	2.50	-0.01	78.4	Drop 2.5° / 100'
5130.7	15.03	24.13	4976.8	1088.9	487.7	0.00	0.00	1193.1	EOD @ Vertical
5731.8	0.00	0.00	5571.0	1160.4	519.7	2.50	180.00	1271.5	TD @ 8031.8' MD / 7871.0' TVD
8031.8	0.00	0.00	7871.0	1160.4	519.7	0.00	0.00	1271.5	

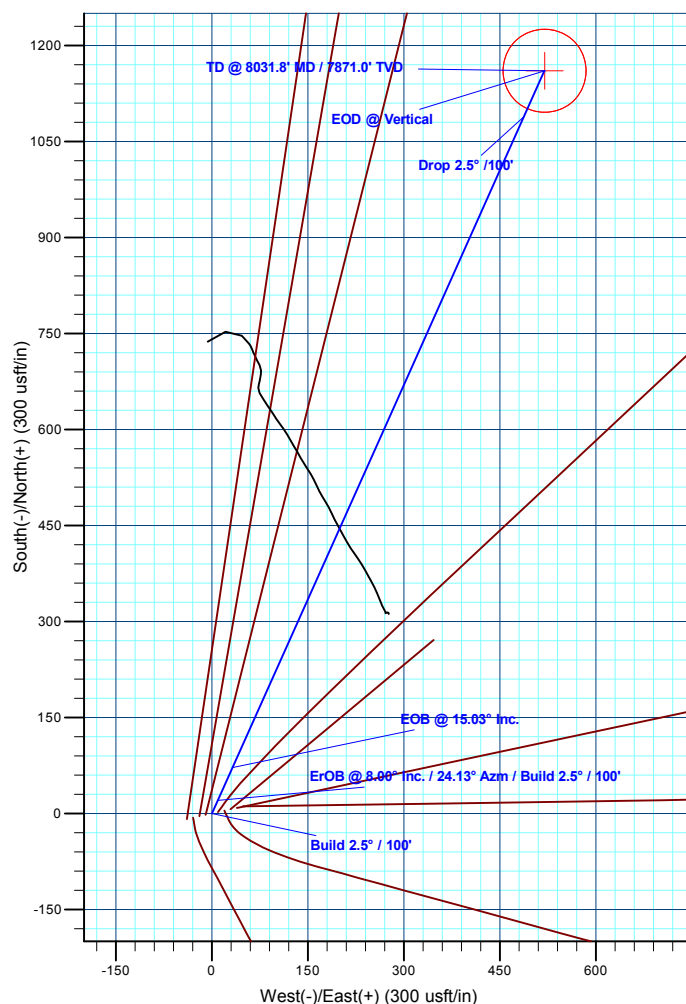
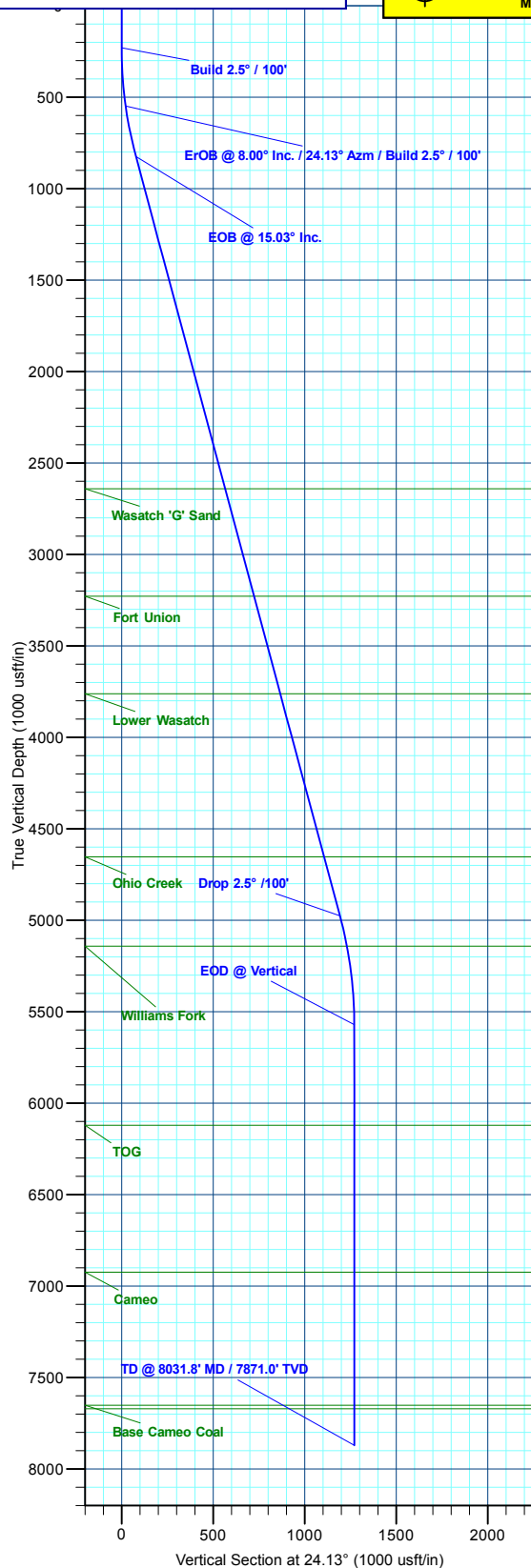


DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - 14-09W	7871.0	1160.4	519.7	1533210.86	2365112.18	39.275880	-107.742990

WELL DETAILS: Laramie BCU 0993-14-09W

+N/-S	+E/-W	Ground Level : 7394.0					
0.0	0.0	Northing 1532063.64	Easting 2364563.93	Latitude 39.272694	Longitude -107.744826	A-6	



Plan: Design #2 (Laramie BCU 0993-14-09W/OH)

Created By: Will Jircik

Date: 17:30, November 01 2022