

Project: Mesa County, CO
 Site: Laramie 0993-29-01
 Well: Laramie 29-01 0993-20-13E
 Wellbore: OH
 Design: Design #2
 Latitude: 39.254712
 Longitude: -107.784115
 Ground Level: 7463.0
 RKB=30' @ 7493.0usft (TBD)

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=30' @ 7493.0usft (TBD)
 Section (VS) Reference: Slot - B2(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPth	MDPath	Formation
2698.0	2983.1	Wasatch 'G' Sand
3180.0	3551.6	Fort Union
3860.0	4353.6	Lower Wasatch
4643.0	5277.0	Ohio Creek
5051.0	5751.9	Williams Fork
6074.0	6812.4	TOG
7273.0	8011.4	Cameo
7599.0	8337.4	Rollins

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
230.0	0.00	0.00	230.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5° / 100)
430.0	5.00	288.00	429.7	2.7	-8.3	2.50	288.00	7.5	EOB @ 5.00° Inc. / 288.00° Azm : Build 2.5° / 100'
1544.9	32.02	319.70	1478.5	247.9	-250.4	2.50	36.57	351.4	EOB @ 32.02° Inc. / 319.70° Azm
5531.8	32.02	319.70	4859.0	1859.9	-1617.5	0.00	0.00	2484.9	Drop 2.5° / 100'
6812.4	0.00	0.00	6074.0	6074.0	-1843.0	2.50	180.00	2813.4	EOD @ Vertical
8587.4	0.00	0.00	7849.0	2125.7	-1843.0	0.00	0.00	2813.4	TD @ 8587.4' MD / 7849.0' TVD

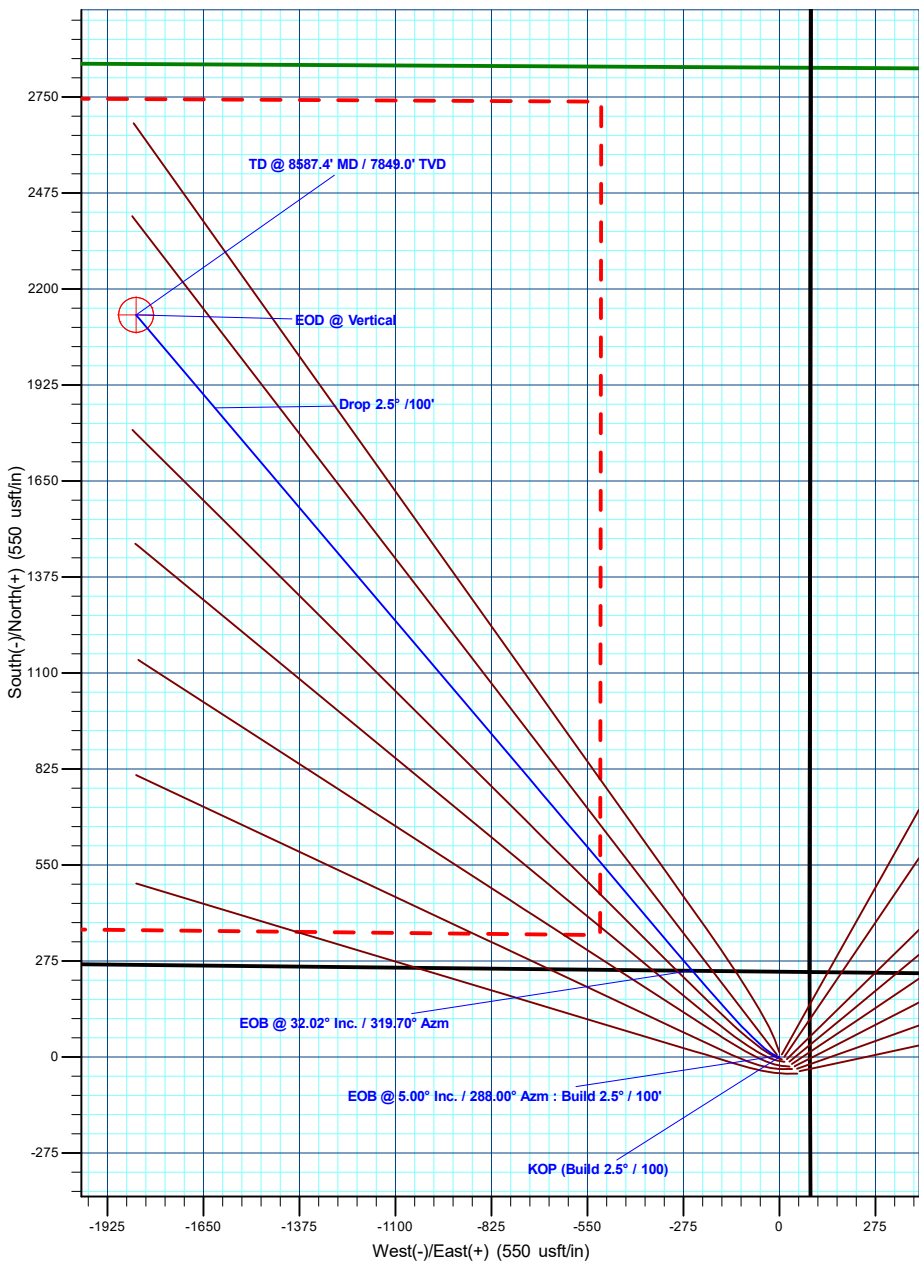
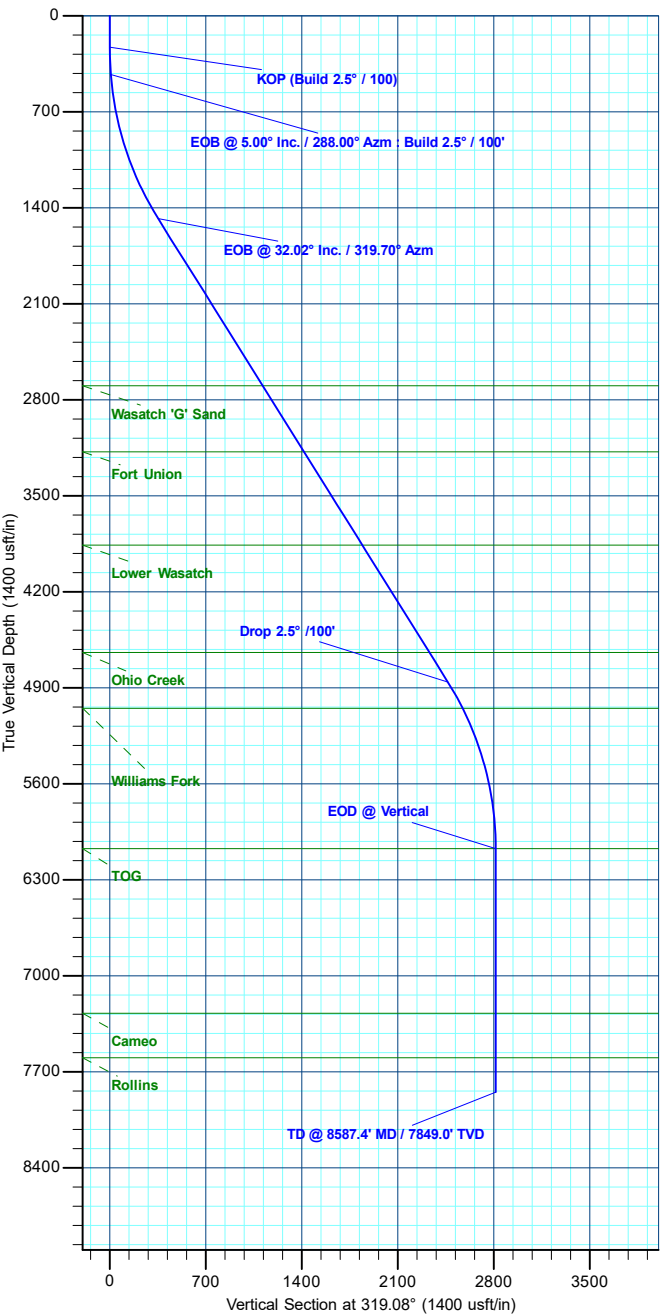
Azimuths to True North
 Magnetic North: 8.67°
 Magnetic Field
 Strength: 50830.0nT
 Dip Angle: 65.10°
 Date: 8/7/2023
 Model: HDGM2025

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie 20-13E	7849.0	2125.7	-1843.0	1527964.86	2351491.22	39.260548	-107.790624

WELL DETAILS: Laramie 29-01 0993-20-13E

+N/-S	+E/-W	Ground Level : 7463.0	Northing	Easting	Latitude	Longitude	B2
0.0	0.0		1525793.46	2353280.18	39.254712	-107.784115	



Plan: Design #2 (Laramie 29-01 0993-20-13E/OH)
 Created By: Will Jircik Date: 10:23, May 08 2025