

Project: Mesa County, CO
 Site: Laramie 0993-29-01
 Well: Laramie 29-01 0993-20-17E
 Wellbore: OH
 Design: Design #2
 Latitude: 39.254618
 Longitude: -107.783986
 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 - B7(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
2666.0	2818.5	Wasatch 'G' Sand
3148.0	3344.3	Fort Union
3828.0	4086.1	Lower Wasatch
4611.0	4940.3	Ohio Creek
5019.0	5385.3	Williams Fork
6042.0	6444.4	TOG
7241.0	7643.4	Cameo
7567.0	7969.4	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	
325.0	0.00	0.00	325.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5° / 100')
725.0	10.00	270.00	723.0	0.0	-34.8	2.50	270.00	31.8	EOB @ 10.00° Inc. / 270.00° Azm : Build 2.5° / 100'
1328.1	23.55	295.16	1299.7	51.5	-197.2	2.50	40.78	201.0	EOB @ 23.55° Inc. / 295.16° Azm
5502.4	23.55	295.16	5126.3	760.7	-1706.7	0.00	0.00	1868.6	Drop 2.5° / 100'
6444.4	0.00	0.00	6042.0	841.9	-1879.5	2.50	180.00	2059.4	EOD @ Vertical
8219.4	0.00	0.00	7817.0	841.9	-1879.5	0.00	0.00	2059.4	TD @ 8219.4' MD / 7817.0' TVD

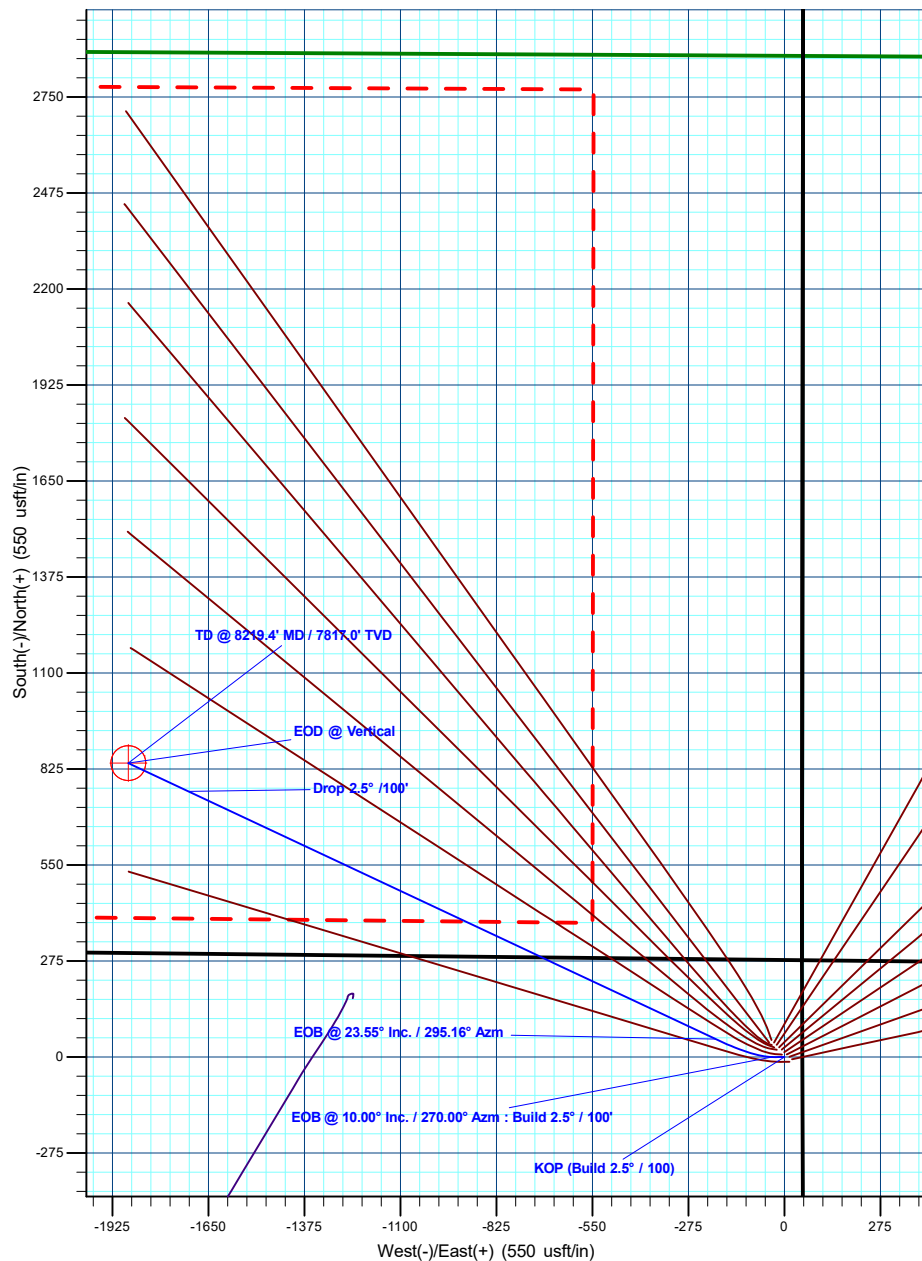
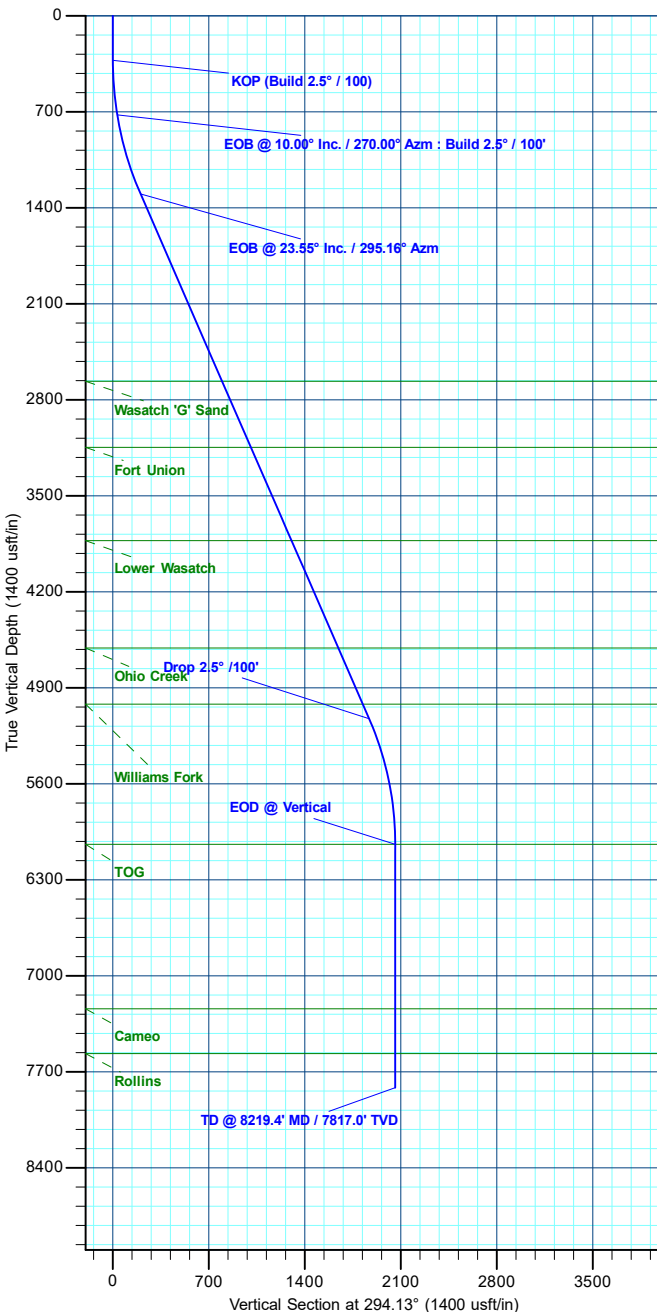
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 Azimuths to True North
 Magnetic North: 8.67°
 Magnetic Field
 Strength: 50830.0nT
 Dip Angle: 65.10°
 Date: 8/7/2023
 Model: HDGM2025

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie 20-17E	7817.0	841.9	-1879.5	1526647.18	2351457.98	39.256929	-107.790624

WELL DETAILS: Laramie 29-01 0993-20-17E

+N/-S	+E/-W	Ground Level : 7463.0	Northing	Easting	Latitude	Longitude	B7
0.0	0.0		1525758.29	2353315.72	39.254618	-107.783986	



Plan: Design #2 (Laramie 29-01 0993-20-17E/OH)

Created By: Will Jircik Date: 10:44, May 08 2025