

Project: Mesa County, CO
 Site: Laramie 0993-29-01
 Well: Laramie 29-01 Fed 0993-21-15W
 Wellbore: OH
 Design: Design #2
 Latitude: 39.254656
 Longitude: -107.783988
 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 - A6(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2741.0	2947.5	Wasatch 'G' Sand
3223.0	3485.1	Fort Union
3903.0	4243.4	Lower Wasatch
4686.0	5116.6	Ohio Creek
5094.0	5571.6	Williams Fork
6117.0	6832.0	TOG
7316.0	7831.0	Cameo
7642.0	8157.0	Rollins
8186.0	8701.0	Cozzette
8359.0	8874.0	Corcoran

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	
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5° / 100)
1300.9	26.27	56.14	1264.5	1319.5	1966.5	2.50	56.14	236.8	EOB @ 26.27° Inc. / 56.14° Azm
5581.1	26.27	56.14	5102.5	1187.6	1769.9	0.00	0.00	2131.4	Drop 2.5° / 100'
6632.0	0.00	0.00	6117.0	1319.5	1966.5	2.50	180.00	2368.1	EOD @ Vertical
9224.0	0.00	0.00	8709.0	1319.5	1966.5	0.00	0.00	2368.1	TD @ 9224.0' MD / 8709.0' TVD

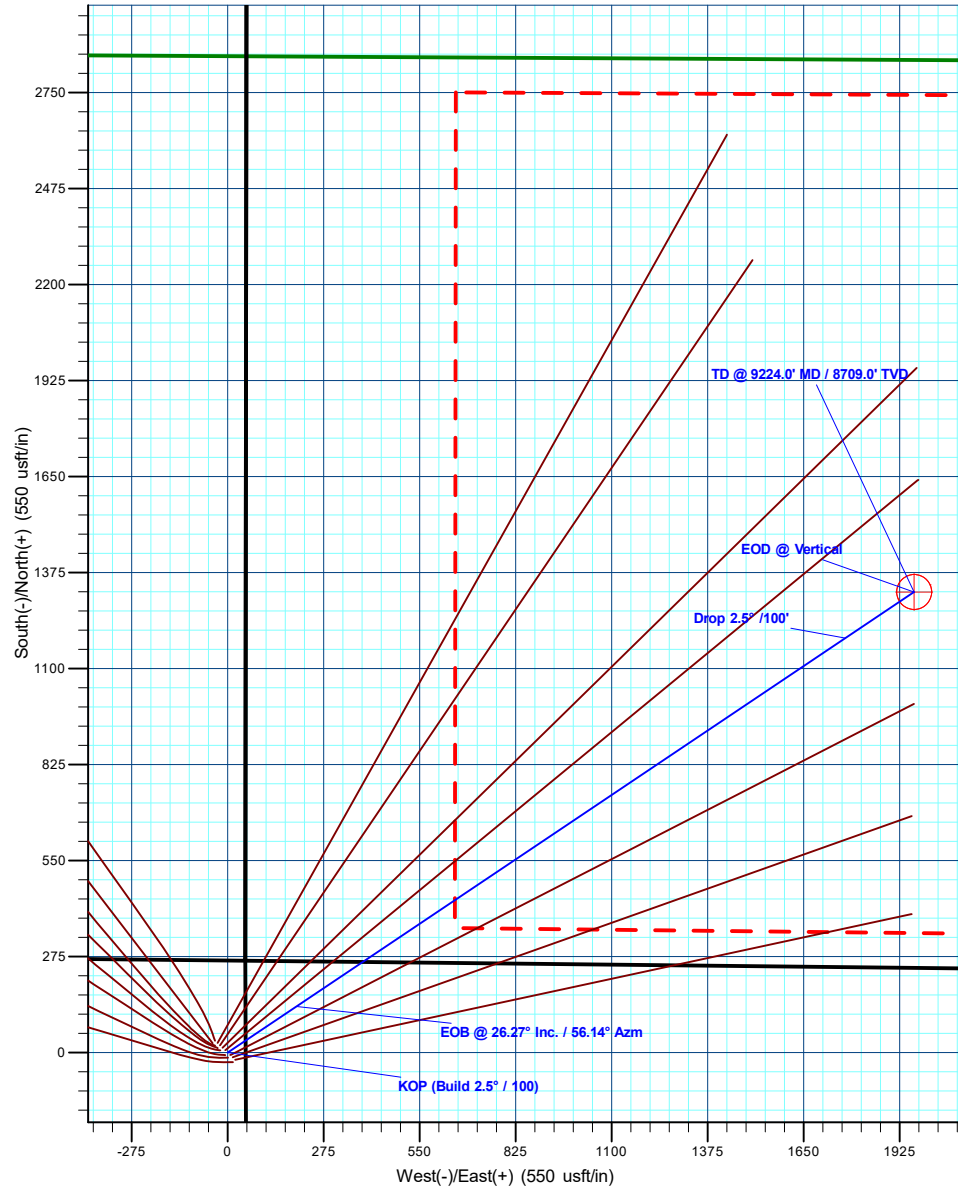
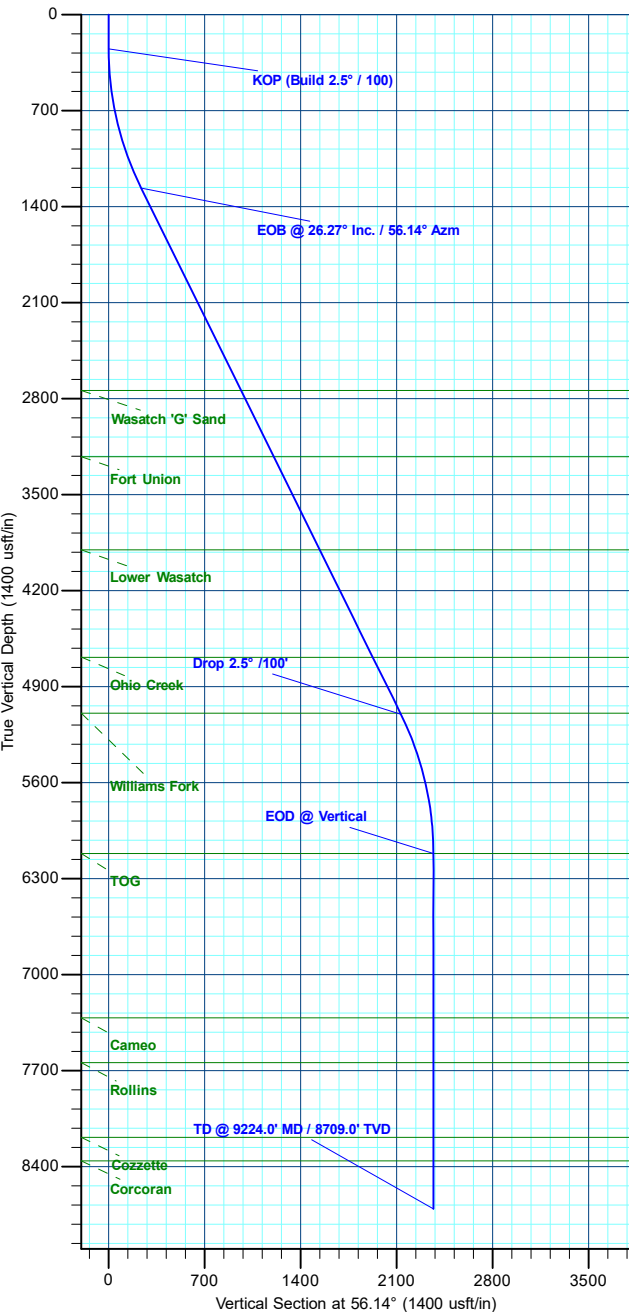
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 Azimuths to True North
 Magnetic North: 8.67°
 Magnetic Field
 Strength: 50830.0nT
 Dip Angle: 65.10°
 Date: 8/7/2023
 Model: HDGM2025

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie Fed 21-15W	8709.0	1319.5	1966.5	1527042.05	2355314.67	39.258279	-107.777043

WELL DETAILS: Laramie 29-01 Fed 0993-21-15W

+N/-S	+E/-W	Ground Level : 7463.0	Northing	Easting	Latitude	Longitude	A6
0.0	0.0		1525772.43	2353315.65	39.254656	-107.783988	



Plan: Design #2 (Laramie 29-01 Fed 0993-21-15W/OH)

Created By: Will Jircik

Date: 11:09, May 08 2025