

Project: Mesa County, CO
 Site: Currier 0993-16-07 Pad
 Well: Currier BCU 0993-16-15W
 Wellbore: OH
 Design: Design #1
 Latitude: 39.277853
 Longitude: -107.773623
 Ground Level: 7457.0
 RKB=30' @ 7487.0usft (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' @ 7487.0usft (TBD)
 Section (VS) Reference: Slot - A-5(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7487.0usft (TBD)
 Calculation Method: Minimum Curvature

SECTION DETAILS

MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	V Sect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
375.0	0.00	0.00	375.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5' / 100)
1725.4	33.76	179.00	1648.6	-386.4	6.7	2.50	179.00	358.6	EOB @ 33.76° Inc. / 179.00° Azm
2327.7	33.76	206.27	2152.2	-705.6	-64.8	2.50	101.42	682.3	EOT @ 206.27° Azm
5296.5	33.76	206.27	4620.5	-2184.8	-795.1	0.00	0.00	2324.7	Drop 2.5' / 100'
6646.7	0.00	0.00	5894.0	-2531.2	-966.1	2.50	180.00	2709.3	EOD @ Vertical
8586.7	0.00	0.00	7834.0	-2531.2	-966.1	0.00	0.00	2709.3	TD @ 8586.7' MD / 7834.0' TVD

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2753.0	3050.3	Wasatch 'G' Sand
3202.0	3590.3	Fort Union
4179.0	4765.4	Lower Wasatch
4905.0	5624.1	Ohio Creek
5111.0	5847.6	Williams Fork
5894.0	6646.7	TOG
7158.0	7910.7	Cameo
7634.0	8386.7	Rollins

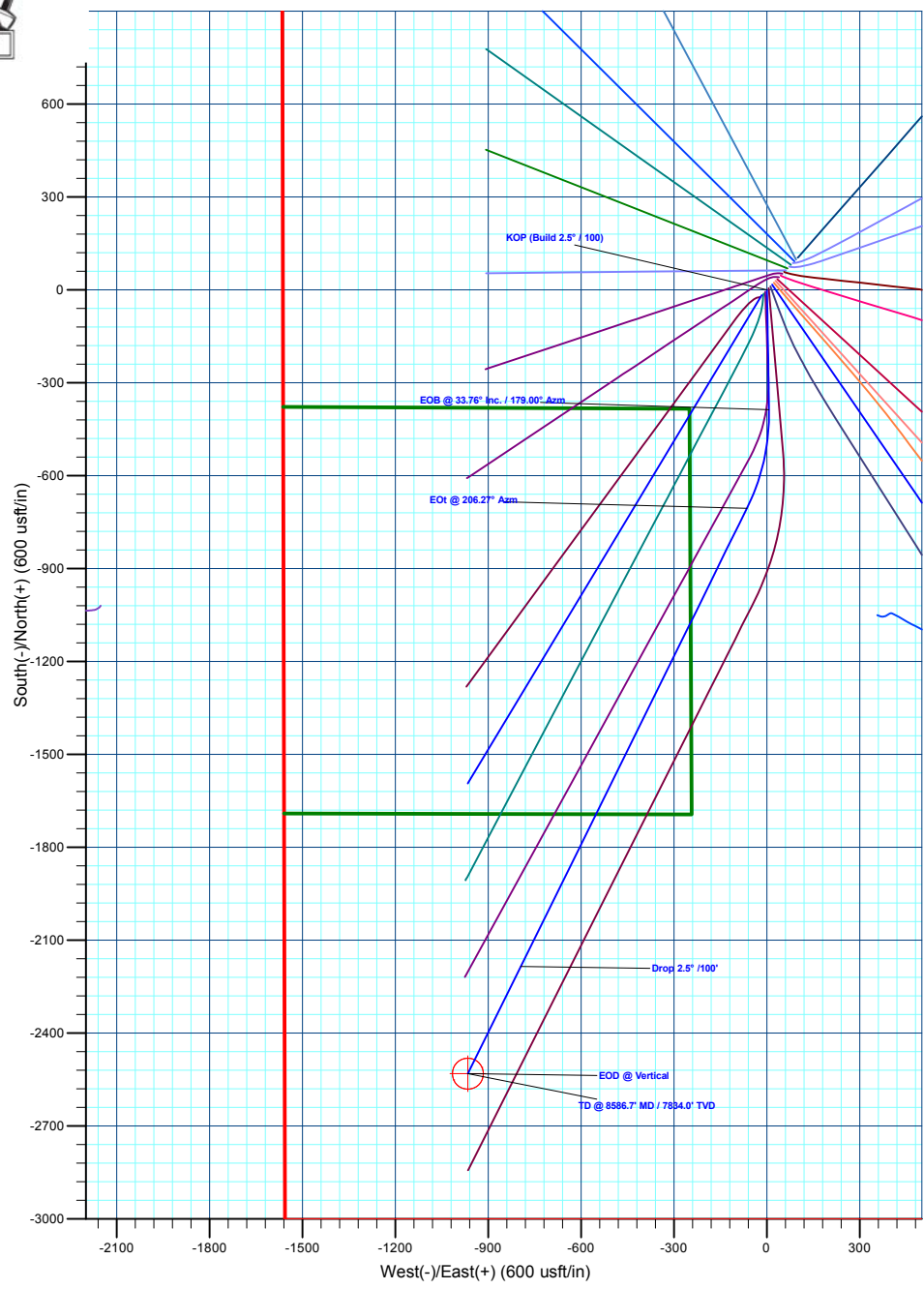
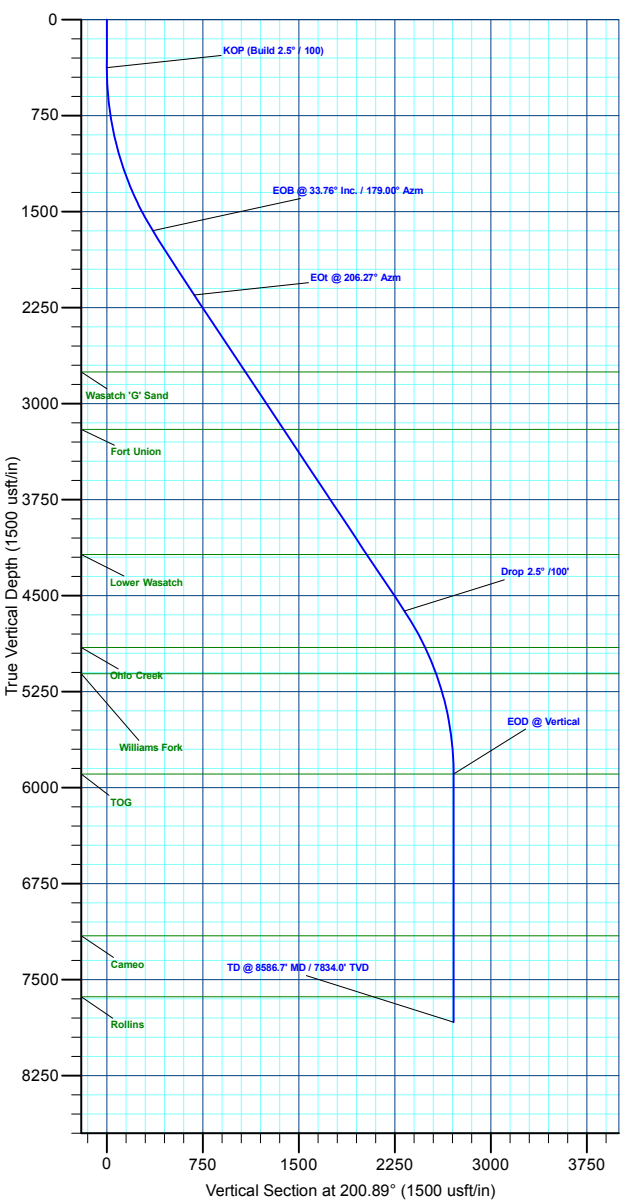
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 Azimuths to True North
 Magnetic North: 8.68°
 Magnetic Field
 Strength: 50856.9nT
 Dip Angle: 65.13°
 Date: 7/13/2023
 Model: HDGM2023

DESIGN TARGET DETAILS

Name	TVD	+N-S	+E-W	Northing	Easting	Latitude	Longitude
PBHL - Currier 16-15W	7457.0	-2531.2	-966.1	1531638.44	2355432.17	39.270903	-107.777035

WELL DETAILS: Currier BCU 0993-16-15W

+N-S	+E-W	Ground Level : 7457.0	Northing	Easting	Latitude	Longitude	
0.0	0.0		1534144.71	2356461.30	39.277853	-107.773623	A-5



Plan: Design #1 (Currier BCU 0993-16-15W/OH)
 Created By: Will Jircik Date: 0:17, July 14 2023