

Project: Mesa County, CO
 Site: Laramie 0993-29-01
 Well: Laramie 29-01 0993-20-11E
 Wellbore: OH
 Design: Design #2
 Latitude: 39.254751
 Longitude: -107.784117
 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

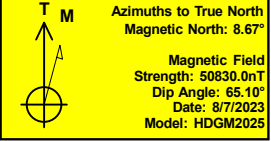
REFERENCE INFORMATION
 Vertical (TVD) Reference: RKB=30' @ 7493.0usft (TBD)
 Section (VS) Reference: Slot - A1(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPATH	MDPATH	FORMATION
2708.0	3084.0	Wasatch 'G' Sand
3190.0	3684.9	Fort Union
3870.0	4532.8	Lower Wasatch
4653.0	5509.1	Ohio Creek
5061.0	5993.1	Williams Fork
6084.0	7053.6	TOG
7283.0	8252.6	Cameo
7609.0	8578.6	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	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5° / 100)
600.0	10.00	340.00	598.0	32.7	-11.9	2.50	340.00	33.7	EOB @ 10.00° Inc. / 340.00° Azm : Build 2.5° / 100'
1685.9	36.68	324.59	1586.7	392.4	-236.3	2.50	-20.36	457.1	EOB @ 36.68° Inc. / 324.59° Azm
5586.5	36.68	324.59	4715.1	2291.1	-1586.4	0.00	0.00	2786.7	Drop 2.5° / 100'
7053.6	0.00	0.00	6084.0	2660.9	-1849.3	2.50	180.00	3240.4	EOD @ Vertical
8828.6	0.00	0.00	7859.0	2660.9	-1849.3	0.00	0.00	3240.4	TD @ 8828.6' MD / 7859.0' TVD

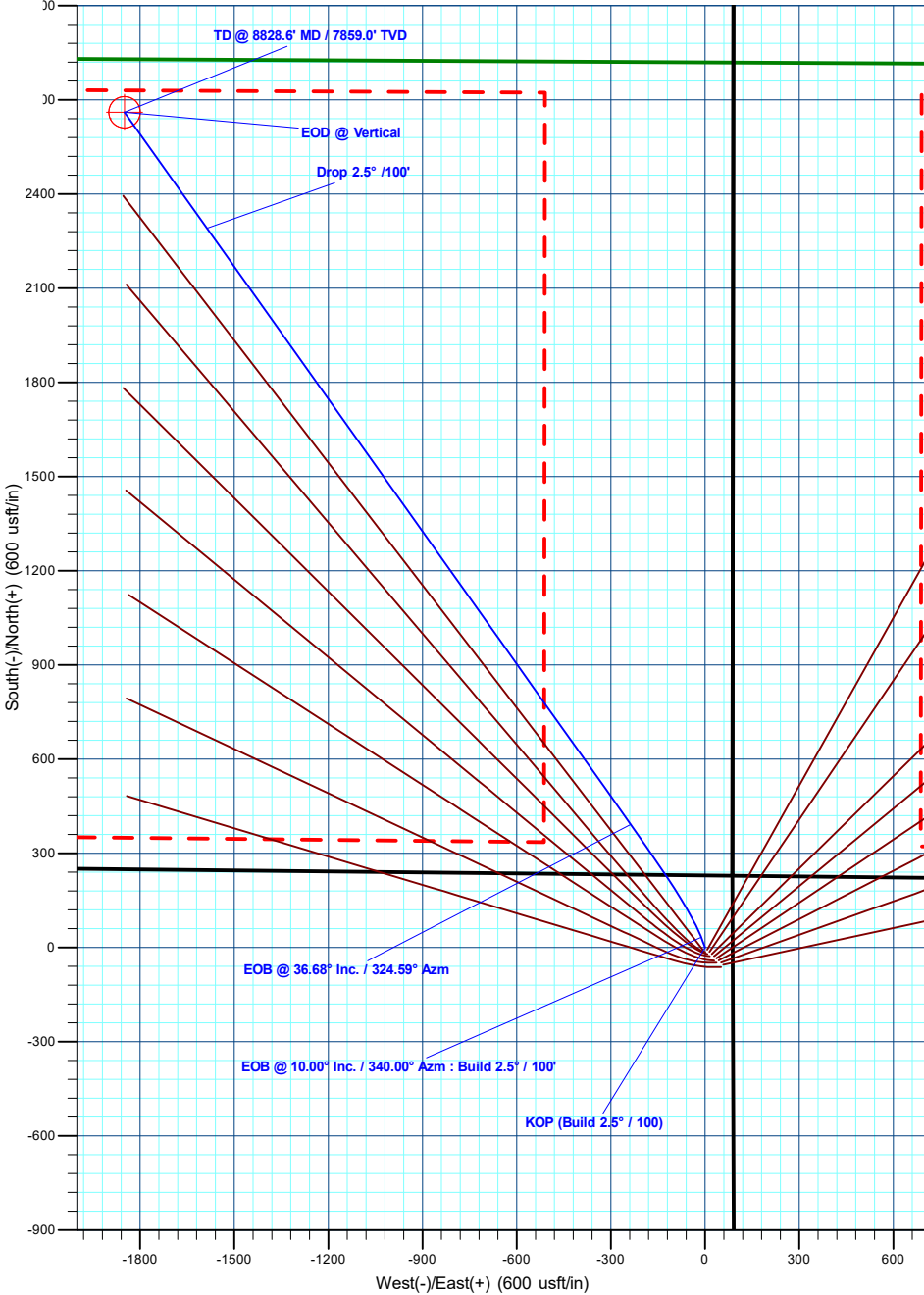
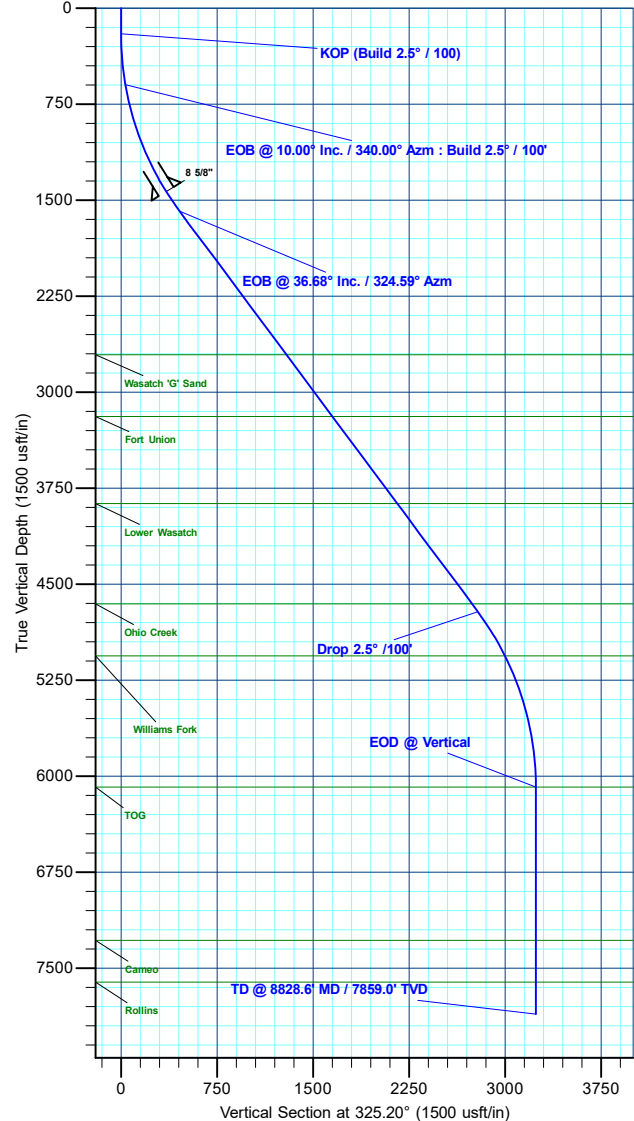


DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie 20-11E	7859.0	2660.9	-1849.3	1528514.10	2351498.27	39.262056	-107.790648

WELL DETAILS: Laramie 29-01 0993-20-11E

+N/-S	+E/-W	Ground Level : 7463.0	Latitude	Longitude
0.0	0.0	Northing : 1525807.60 Easting : 2353280.11	39.254751	-107.784117



Plan: Design #2 (Laramie 29-01 0993-20-11E/OH)
 Created By: Will Jircik Date: 11:06, May 07 2025