

Project: Mesa County, CO
 Site: Laramie 0993-29-01
 Well: Laramie Fed 0993-21-15W
 Wellbore: OH
 Design: Design #1
 Latitude: 39.254645
 Longitude: -107.783972
 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 - A-10(0.0N, 0.0E)
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2741.0	2947.6	Wasatch 'G' Sand
3223.0	3484.8	Fort Union
3903.0	4242.6	Lower Wasatch
4886.0	5115.3	Ohio Creek
5094.0	5570.0	Williams Fork
6117.0	6630.4	TOG
7316.0	7829.4	Cameo
7642.0	8155.4	Rollins
8186.0	8699.4	Cozzette
8359.0	8872.4	Corcoran

SECTION DETAILS

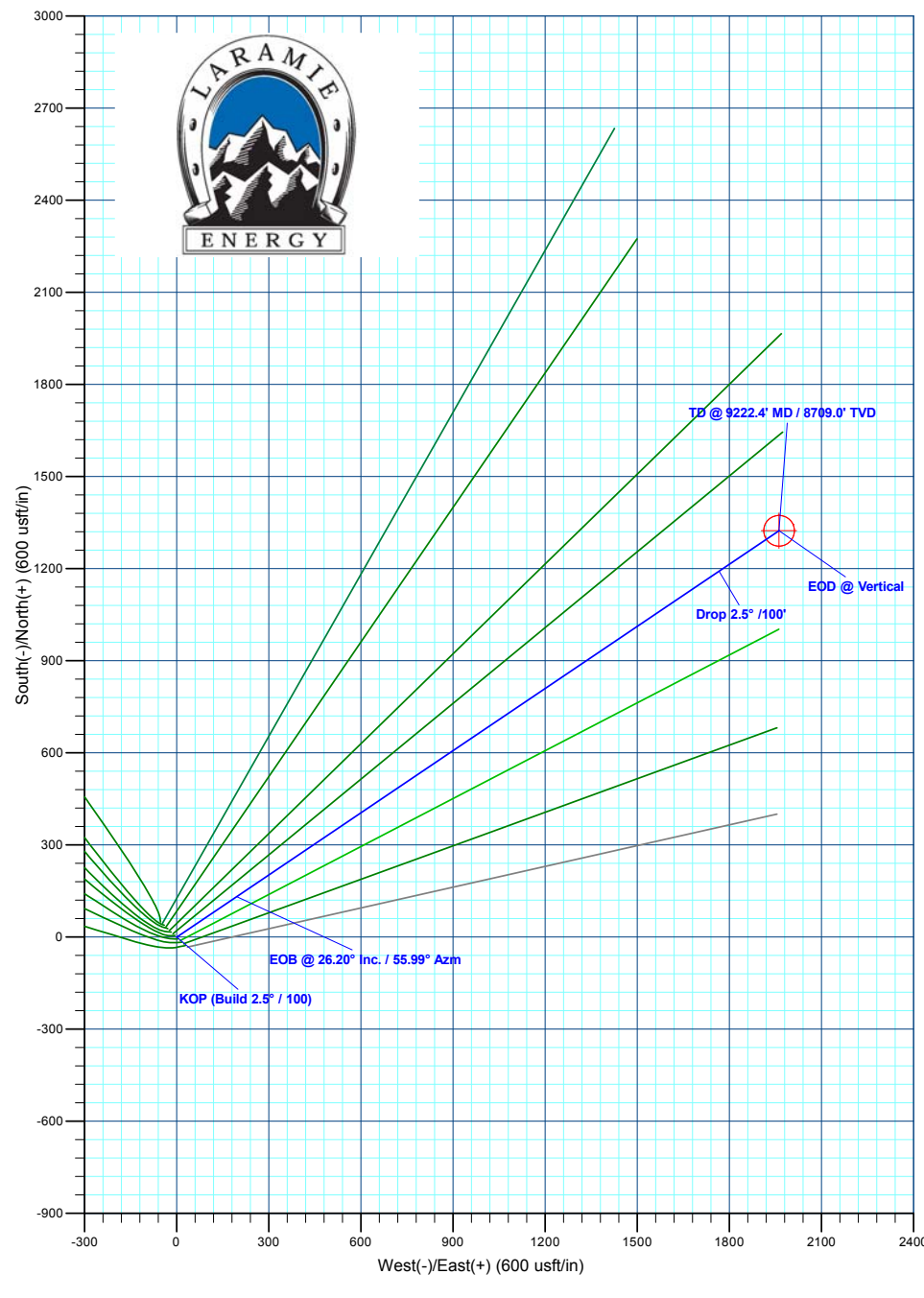
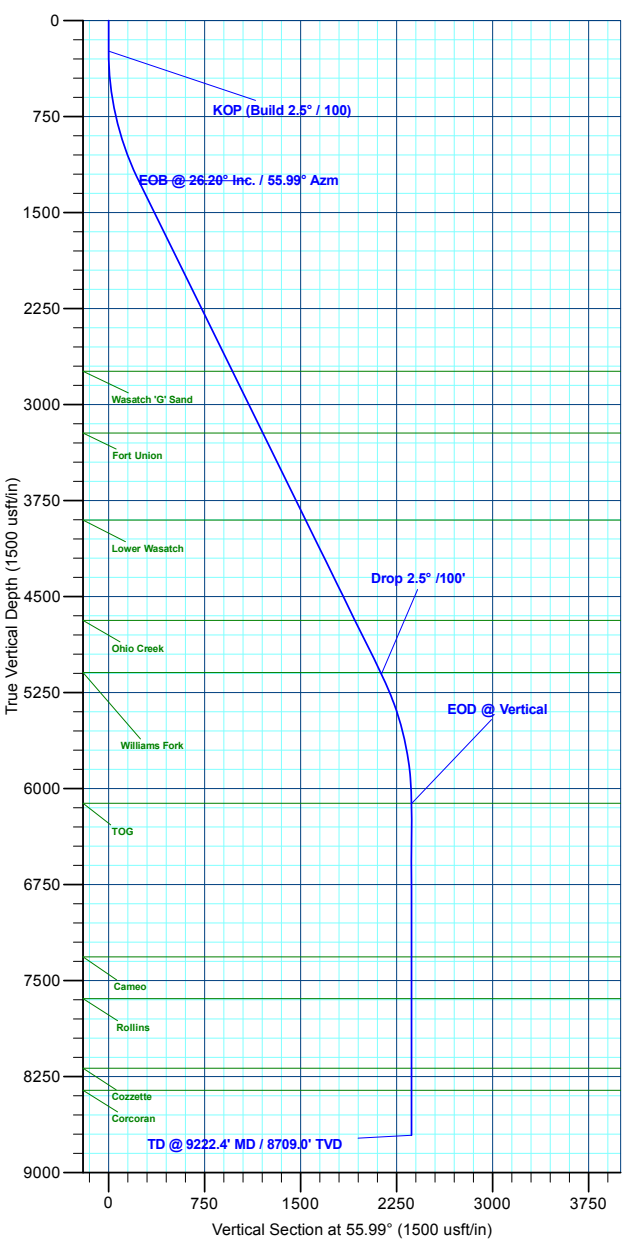
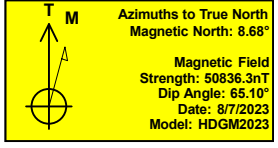
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
240.0	0.00	0.00	240.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5° / 100')
1287.9	26.20	55.99	1251.7	131.7	195.2	2.50	55.99	235.4	EOB @ 26.20° Inc. / 55.99° Azm
5582.5	26.20	55.99	5105.3	1192.0	1766.8	0.00	0.00	2131.3	Drop 2.5° / 100'
6630.4	0.00	0.00	6117.0	1323.6	1962.0	2.50	180.00	2366.7	EOD @ Vertical
9222.4	0.00	0.00	8709.0	1323.6	1962.0	0.00	0.00	2366.7	TD @ 9222.4' MD / 8709.0' TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie Fed 0993-15W	7493.0	1323.6	1962.0	1527042.05	2355314.67	39.258279	-107.777043

WELL DETAILS: Laramie Fed 0993-21-15W

Ground Level : 7463.0		Latitude	Longitude
+N/-S	+E/-W	Northing	Easting
0.0	0.0	1525768.15	2353320.05
		39.254645	-107.783972
			A-10



Plan: Design #1 (Laramie Fed 0993-21-15W/OH)
 Created By: Will Jircik Date: 22:14, August 23 2023