

Project: Mesa County, CO  
 Site: Laramie 0993-29-01  
 Well: Laramie 0993-20-16E  
 Wellbore: OH  
 Design: Design #1  
 Latitude: 39.254630  
 Longitude: -107.783952  
 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

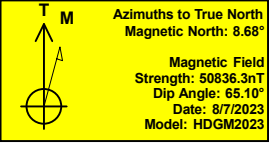
REFERENCE INFORMATION  
 Vertical (TVD) Reference: RKB=30' @ 7493.0usft (TBD)  
 Section (VS) Reference: Slot - A-11(0.0N, 0.0E)  
 Measured Depth Reference: RKB=30' @ 7493.0usft (TBD)  
 Calculation Method: Minimum Curvature

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2674.0	2842.4	Wasatch 'G' Sand
3156.0	3381.6	Fort Union
3836.0	4142.5	Lower Wasatch
4619.0	5018.5	Ohio Creek
5027.0	5475.0	Williams Fork
6050.0	6535.4	TOG
7249.0	7734.4	Cameo
7575.0	8060.4	Rollins
8119.0	8604.4	Cozzette
8292.0	8777.4	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	
500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.0	KOP (Build 2.5' / 100')
820.0	8.00	270.00	819.0	0.0	-22.3	2.50	270.00	19.0	EOB @ 8.00° Inc. / 270.00° Azm / Build 2.5' / 100'
1634.7	26.65	302.92	1594.6	100.3	-234.6	2.50	44.45	252.3	EOB @ 26.65° Inc. / 302.92° Azm
5469.5	26.65	302.92	5022.1	1035.1	-1678.4	0.00	0.00	1971.9	Drop 2.5' / 100'
6535.4	0.00	0.00	6050.0	0.0	-1882.7	2.50	180.00	2215.2	EOD @ Vertical
9127.4	0.00	0.00	8642.0	1167.4	-1882.7	0.00	0.00	2215.2	TD @ 9127.4' MD / 8642.0' TVD

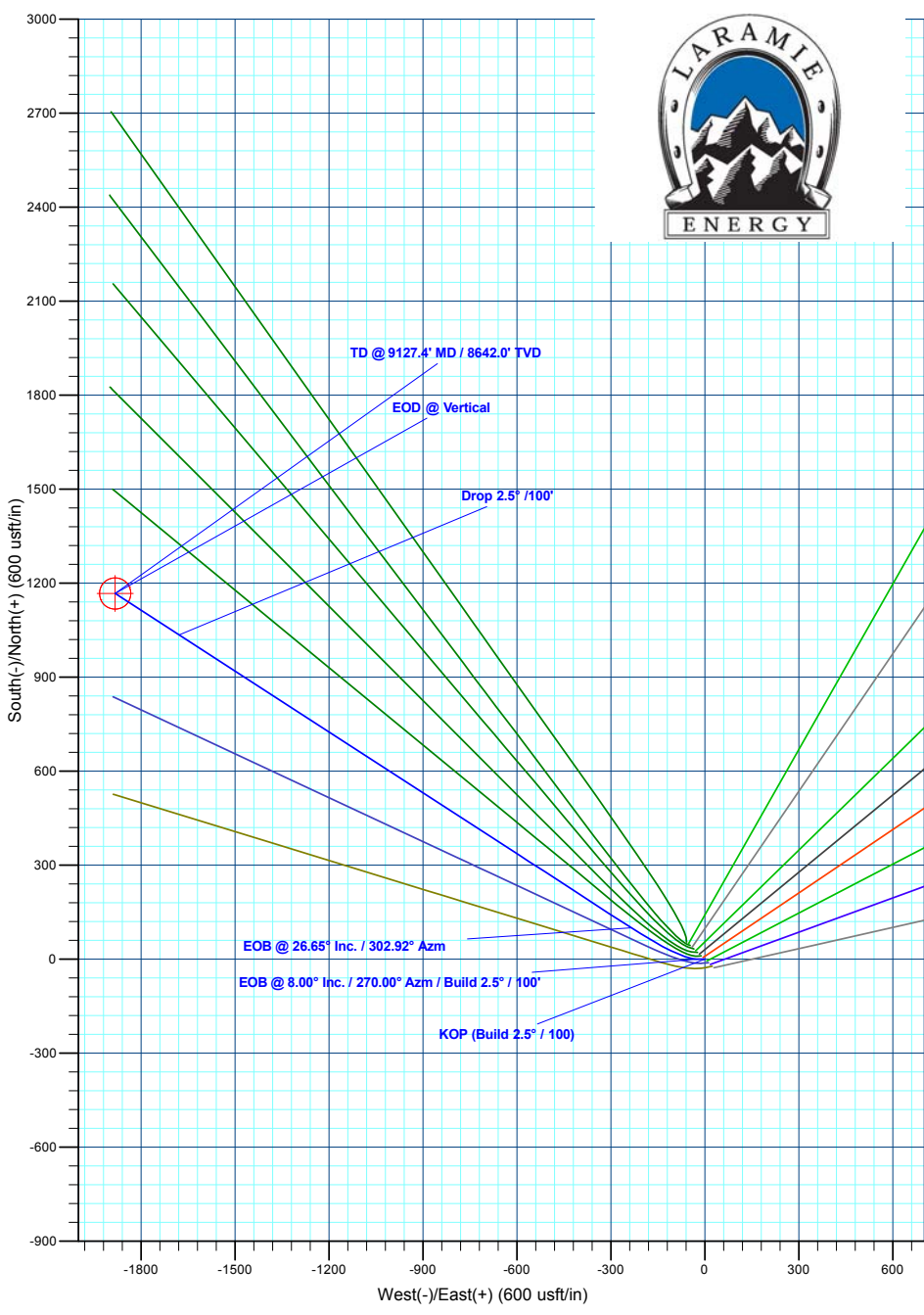
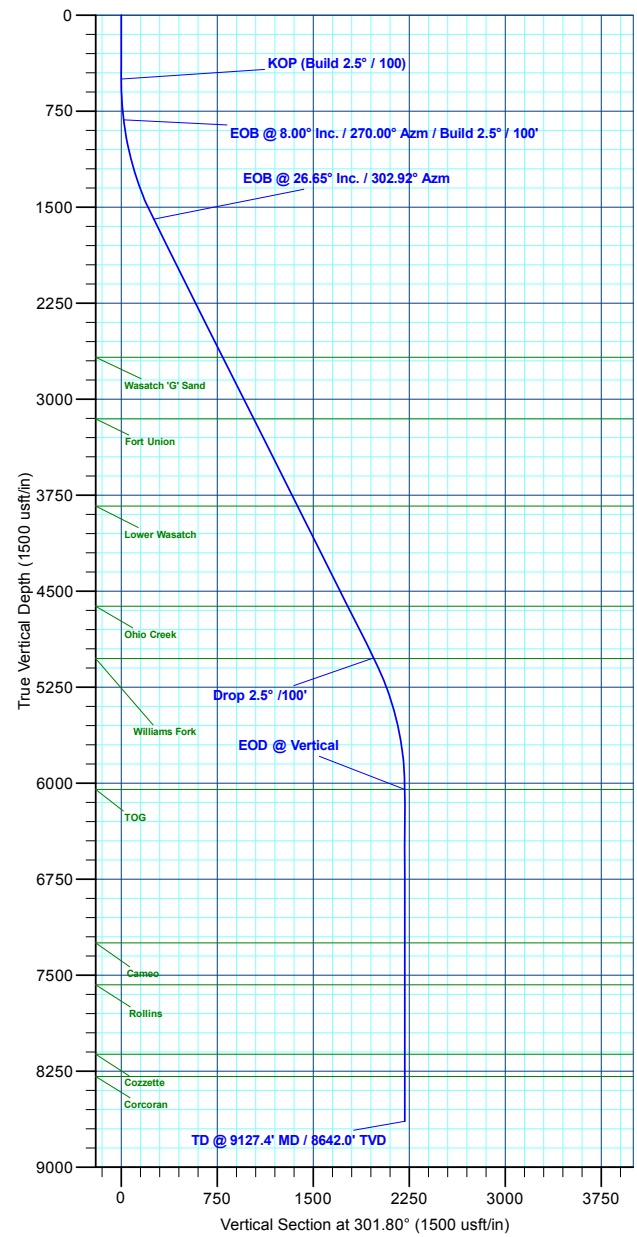


DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Laramie 20-16E	7463.0	1167.4	-1882.7	1526976.89	2351472.81	39.257835	-107.790601

WELL DETAILS: Laramie 0993-20-16E

+N/-S	+E/-W	Ground Level : 7463.0	Latitude	Longitude	A-11
0.0	0.0	Northing : 1525762.55 Easting : 2353325.57	39.254630	-107.783952	



Plan: Design #1 (Laramie 29-01 0993-20-16E/OH)  
 Created By: Will Jircik Date: 19:20, August 23 2023