

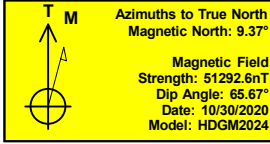
PROJECT DETAILS: Garfield County, CO	
Geodetic System:	US State Plane 1983
Datum:	North American Datum 1983
Ellipsoid:	GRS 1980
Zone:	Colorado Central Zone
System Datum:	Mean Sea Level

WELL DETAILS: CC 0697-03-23W							
				8610.0			
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude		A-8
0.0	0.0	1636264.67	2235869.50	39.549039	-108.210202		

Project: Garfield County, CO
Site: CC 603-23-32 Pad
Well: CC 0697-03-23W
Wellbore: Wellbore #1
Design: Design #3
Latitude: 39.549039
Longitude: -108.210202
Ground Level: 8610.0
RKB=30' @ 8640.0usft (TBD)

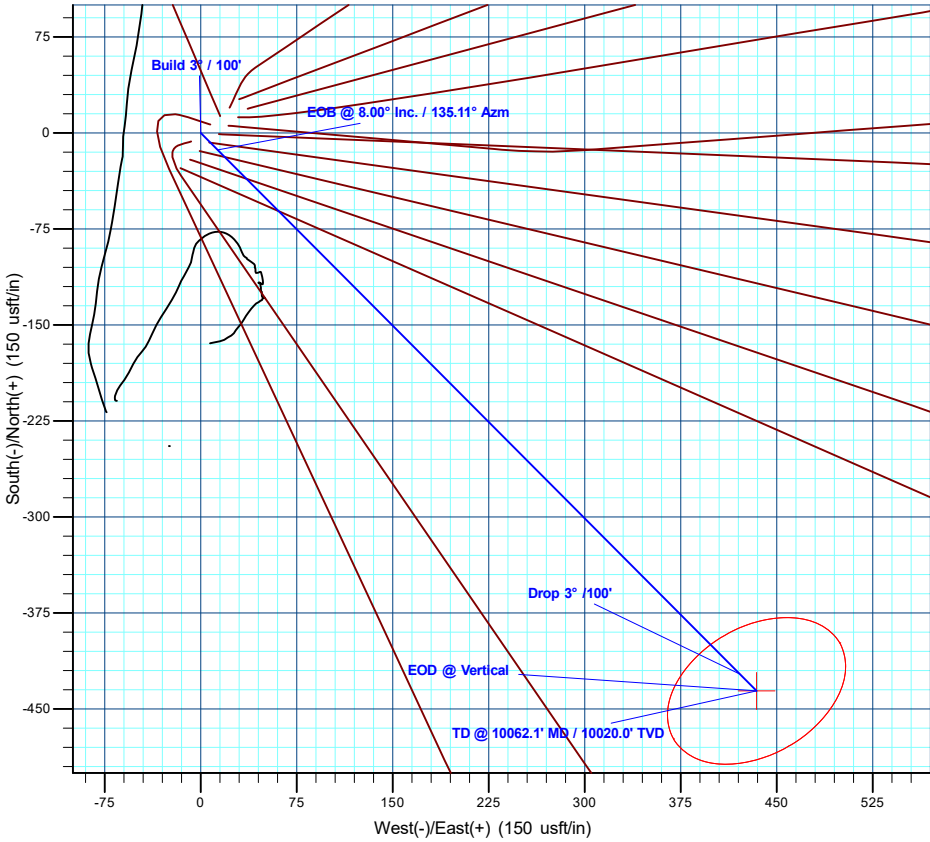
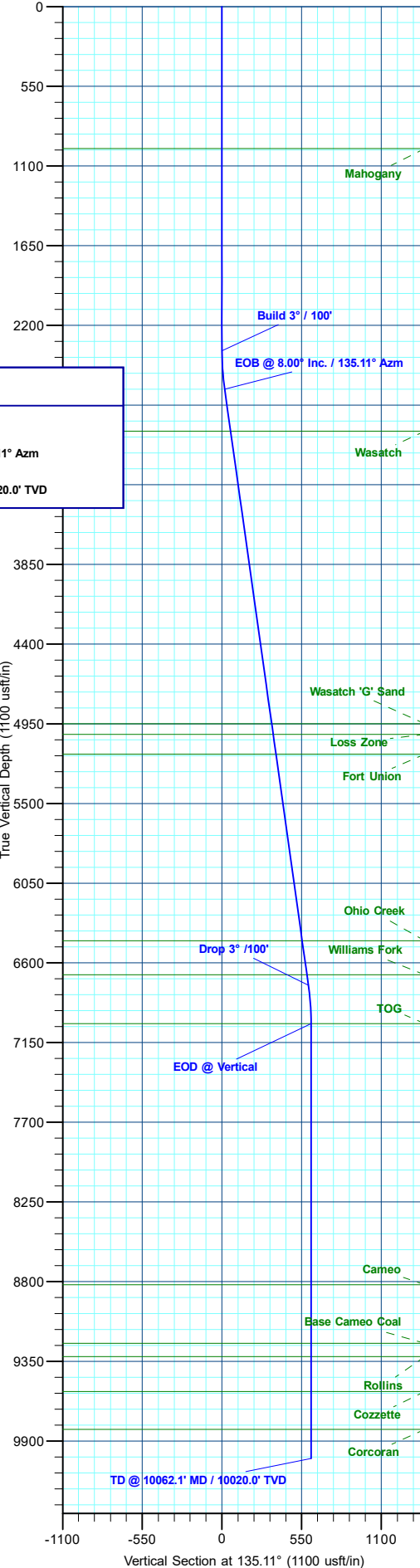
FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
980.0	980.0	Mahogany
2930.0	2933.7	Wasatch
4949.0	4972.5	Wasatch 'G' Sand
5023.0	5047.3	Loss Zone
5160.0	5185.6	Fort Union
6448.0	6486.3	Ohio Creek
6682.0	6722.6	Williams Fork
7020.0	7062.1	TOG
8822.0	8864.1	Cameo
9226.0	9266.1	Base Cameo Coal
9318.0	9360.1	Rollins
9558.0	9600.1	Cozzette
9820.0	9862.1	Corcoran

REFERENCE INFORMATION	
Co-ordinate (N/E) Reference:	Well CC 0697-03-23W - Slot A-8, True North
Vertical (TVD) Reference:	RKB=30' @ 8640.0usft (TBD)
Section (VS) Reference:	Slot - A-8(0.0N, 0.0E)
Measured Depth Reference:	RKB=30' @ 8640.0usft (TBD)
Calculation Method:	Minimum Curvature



DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
03-23W - PBHL	10020.0	-435.8	434.2	1635816.08	2236290.49	39.547842	-108.208662

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		
2375.0	0.00	0.00	2375.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'	
2641.6	8.00	135.11	2640.8	-13.2	13.1	3.00	135.11	18.6	EOB @ 8.00° Inc. / 135.11° Azm	
6795.5	8.00	135.11	6754.2	-422.7	421.1	0.00	0.00	596.6	Drop 3° / 100'	
7062.1	0.00	0.00	7020.0	-435.8	434.2	3.00	180.00	615.2	EOD @ Vertical	
10062.1	0.00	0.00	10020.0	-435.8	434.2	0.00	0.00	615.2	TD @ 10062.1' MD / 10020.0' TVD	



Plan: Design #3 (CC 0697-03-23W/Wellbore #1)
Created By: Will Jircik Date: 15:53, June 19 2024

Vertical Section at 135.11° (1100 usft/in)