

## 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 0697-03-22W

+N/-S 0.0 +E/-W 0.0 Northing 1636283.81 Easting 2235892.58 8613.0  
Latitude 39.549093 Longitude -108.210122 A-11

## Project: Garfield County, CO

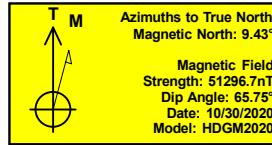
Site: CC 603-23-32 Pad  
Well: CC 0697-03-22W  
Wellbore: Wellbore #1  
Design: Design #2  
Latitude: 39.549093  
Longitude: -108.210122  
Ground Level: 8613.0  
RKB @ 8643.0usft (H&P #522)

## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1018.0	1018.0	Mahogany
2968.0	2975.5	Wasatch
4718.0	4735.2	Wasatch 'G' Sand
4928.0	4946.3	Fort Union
6468.0	6494.8	Ohio Creek
6768.0	6796.4	Williams Fork
7168.0	7197.7	TOG
8958.0	8987.7	Cameo
9353.0	9382.7	Base Cameo Coal
9368.0	9397.7	Rollins
9568.0	9597.7	Cozzette
9843.0	9872.7	Corcoran

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 0697-03-22W - Slot A-11, True North  
Vertical (TVD) Reference: RKB @ 8643.0usft (H&P #522)  
Section (VS) Reference: Slot - A-11(0.0N, 0.0E)  
Measured Depth Reference: RKB @ 8643.0usft (H&P #522)  
Calculation Method: Minimum Curvature

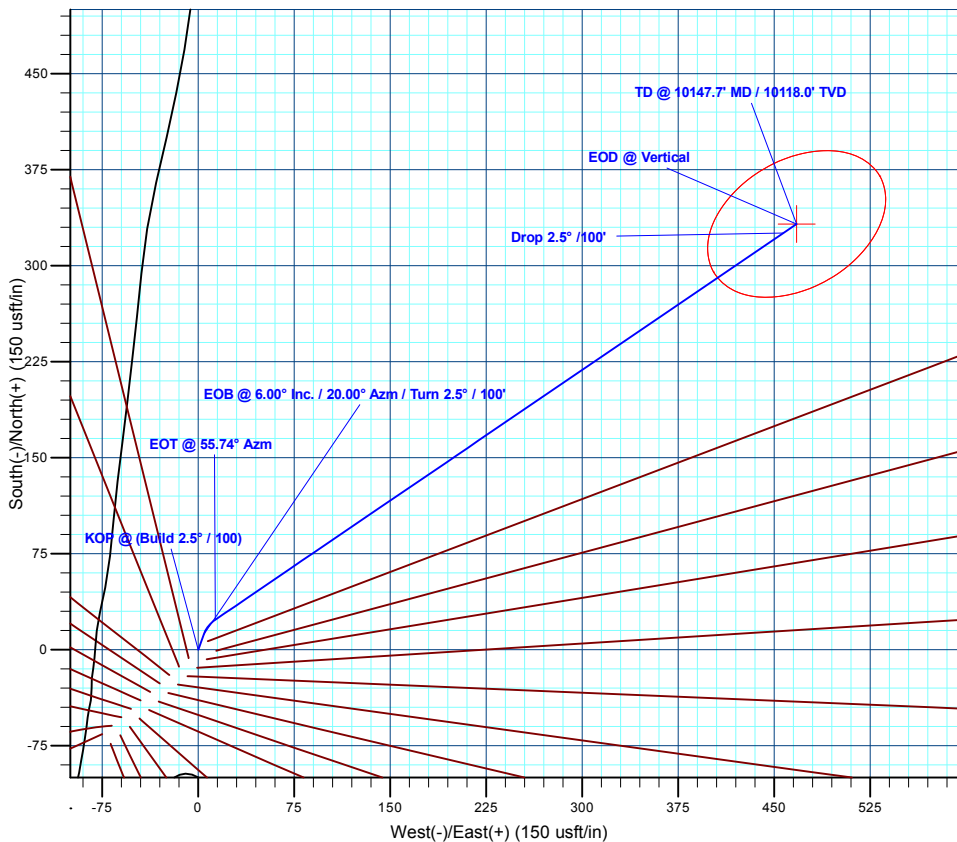


## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
03-22W - PBHL	10118.0	332.6	467.5	1636602.29	2236369.80	39.550006	-108.208464

## 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	
1430.0	0.00	0.00	1430.0	0.0	0.0	0.00	0.00	0.0	KOP @ (Build 2.5° / 100')
1670.0	6.00	20.00	1669.6	11.8	4.3	2.50	20.00	10.3	EOB @ 6.00° Inc. / 20.00° Azm / Turn 2.5° / 100'
1817.0	6.00	55.75	1815.9	23.3	13.3	2.50	107.85	24.3	EOT @ 55.74° Azm
6957.9	6.00	55.75	6928.6	325.5	457.1	0.00	0.00	561.2	Drop 2.5° / 100'
7197.7	0.00	0.00	7168.0	332.6	467.5	2.50	180.00	573.7	EOD @ Vertical
10147.7	0.00	0.00	10118.0	332.6	467.5	0.00	0.00	573.7	TD @ 10147.7' MD / 10118.0' TVD



Plan: Design #2 (CC 0697-03-22W/Wellbore #1)

Created By: Will Jircik Date: 18:09, November 09 2020

