

# 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 0697-10-03E

+N/-S 0.0 +E/-W 0.0 Northing 1634530.02 Easting 2236810.21 8595.0 Latitude 39.544355 Longitude -108.206684 B-11

## Project: Garfield County, CO

Site: CC 0610-21-41 Pad

Well: CC 0697-10-03E

Wellbore: Wellbore #1

Design: Design #3

Latitude: 39.544355

Longitude: -108.206684

Ground Level: 8595.0

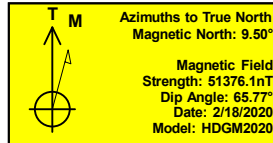
RKB @ 8625.0usft (H&P #522)

## FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1012.0	1019.8	Mahogany
2980.0	3111.3	Wasatch
4770.0	5016.8	Wasatch 'G' Sand
4980.0	5240.4	Fort Union
6514.0	6873.4	Ohio Creek
6702.0	7073.2	Williams Fork
7428.0	7811.9	TOG
8952.0	9335.9	Cameo
9350.0	9733.9	Base Cameo Coal
9365.0	9748.9	Rollins

## REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 0697-10-03E - Slot B-11, True North  
Vertical (TVD) Reference: RKB @ 8625.0usft (H&P #522)  
Section (VS) Reference: Slot B-11(0.0N, 0.0E)  
Measured Depth Reference: RKB @ 8625.0usft (H&P #522)  
Calculation Method: Minimum Curvature

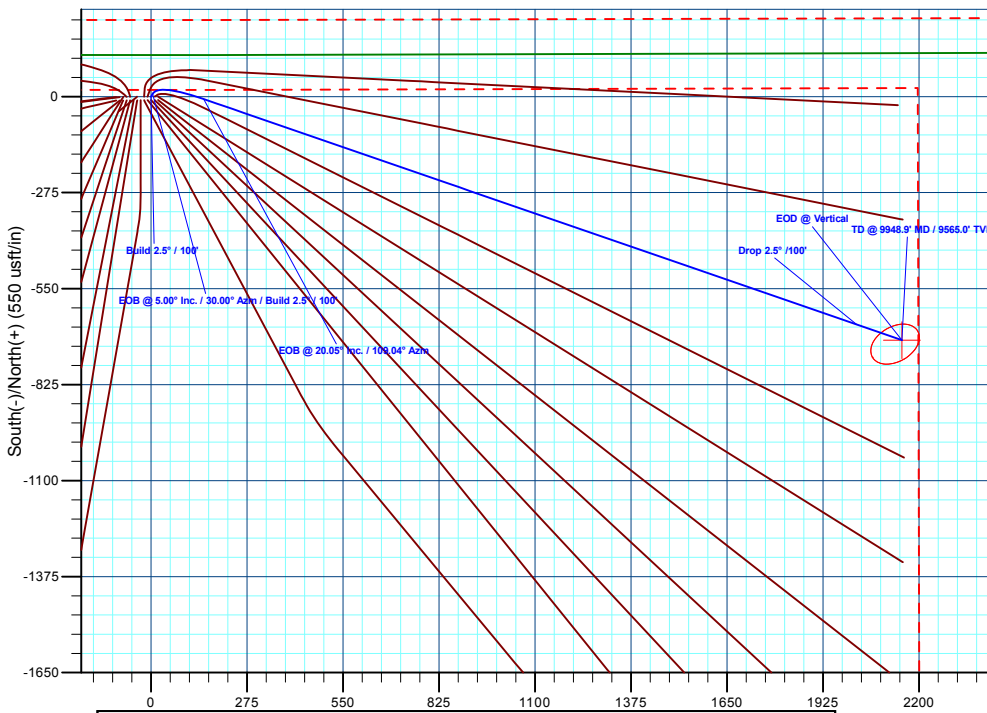
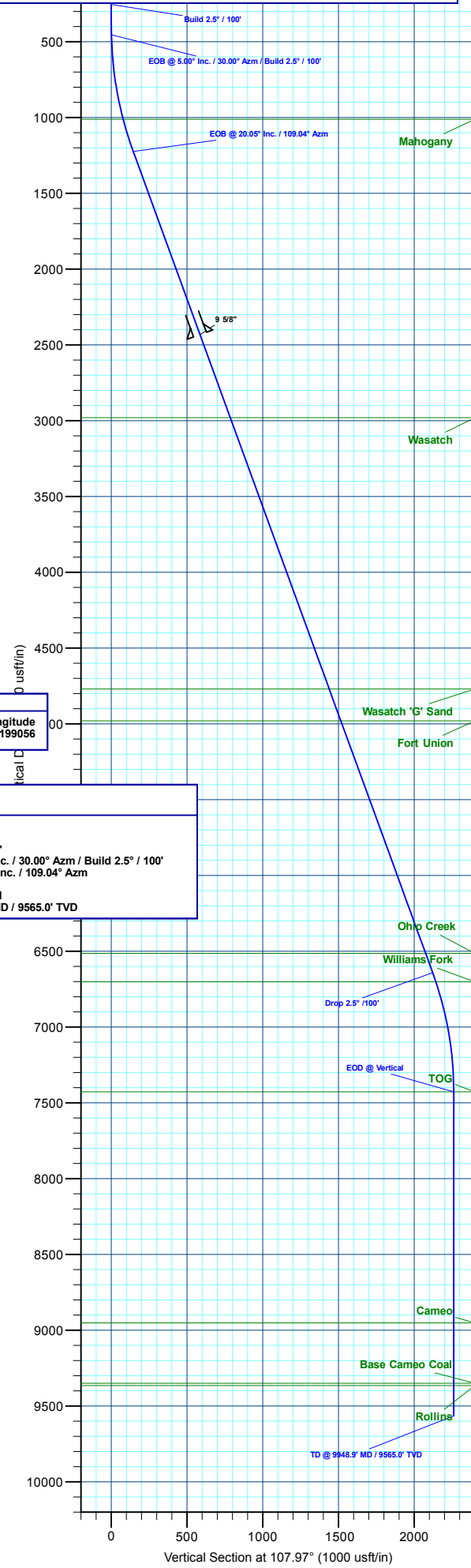


## DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - CC 0697-10-03E	9565.0	-697.6	2151.2	1633768.69	2238939.66	39.542440	-108.199056

## 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	
255.0	0.00	0.00	255.0	0.0	0.0	0.00	0.00	0.0	Build 2.5° / 100'
455.0	5.00	30.00	454.7	7.6	4.4	2.50	30.00	1.8	EOB @ 5.00° Inc. / 30.00° Azm / Build 2.5° / 100'
1242.9	20.05	109.05	1224.9	-6.9	150.7	2.50	92.88	145.5	EOB @ 20.05° Inc. / 109.04° Azm
7009.8	20.05	109.05	6642.1	-652.2	2019.8	0.00	0.00	2122.5	Drop 2.5° / 100'
7811.9	0.00	0.00	7428.0	-697.6	2151.2	2.50	180.00	2261.5	EOD @ Vertical
9948.9	0.00	0.00	9565.0	-697.6	2151.2	0.00	0.00	2261.5	TD @ 9948.9' MD / 9565.0' TVD



Plan: Design #3 (CC 0697-10-03E/Wellbore #1)

Created By: Will Jircik

Date: 10:37, April 09 2020

Vertical Section at 107.97° (1000 usft/in)