

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

REFERENCE INFORMATION
 Co-ordinate (N/E) Reference: Well CC Federal 0697-15-17W - Slot B-10, True North
 Vertical (TVD) Reference: RKB @ 8533.0usft (H&P #522)
 Section (VS) Reference: Slot - B-10(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 8533.0usft (H&P #522)
 Calculation Method: Minimum Curvature

Project: Garfield County, CO
 Site: CC 0604-15-08 Pad
 Well: CC Federal 0697-15-17W
 Wellbore: B-10
 Design: Design #2
 Latitude: 39.526131
 Longitude: -108.199096
 Ground Level: 8503.0
 RKB @ 8533.0usft (H&P #522)

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
15-17W - PBHL	9513.0	-2654.4	-3094.7	1625269.88	2235579.70	39.518843	-108.210666

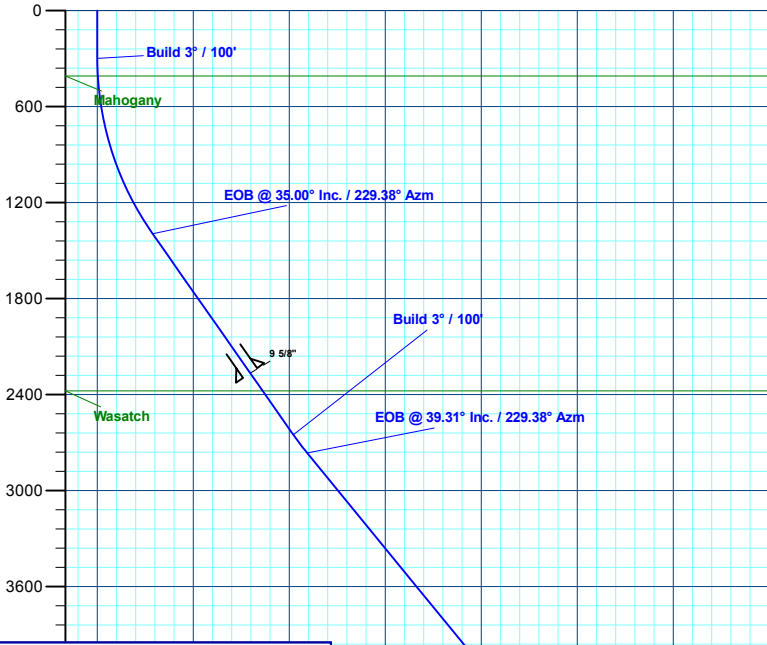
WELL DETAILS: CC Federal 0697-15-17W

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.0	0.0	1627831.19	2238751.92	39.526131	-108.199096	B-10

FORMATION TOP DETAILS

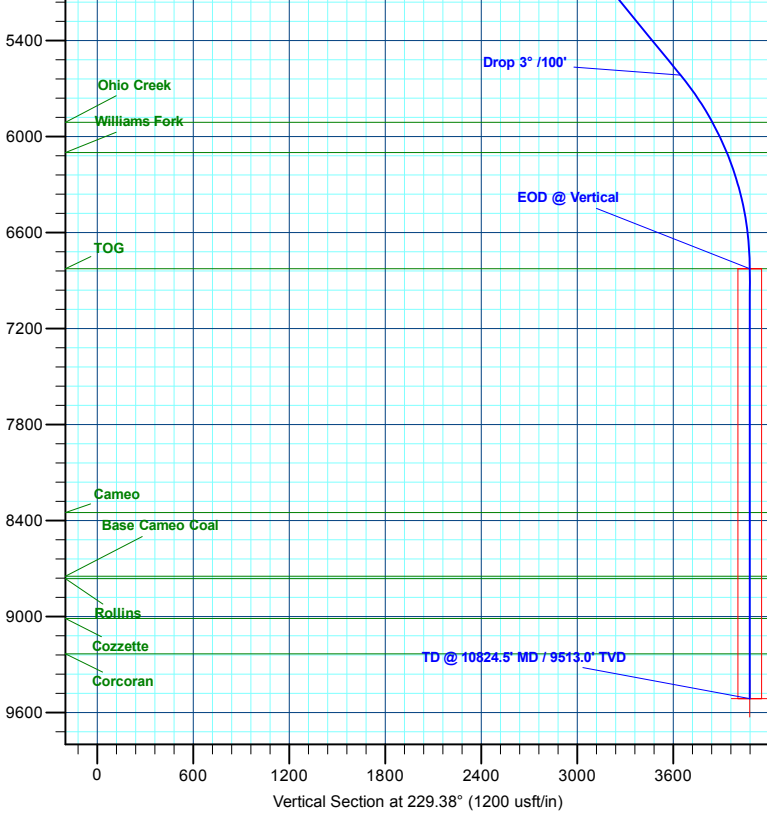
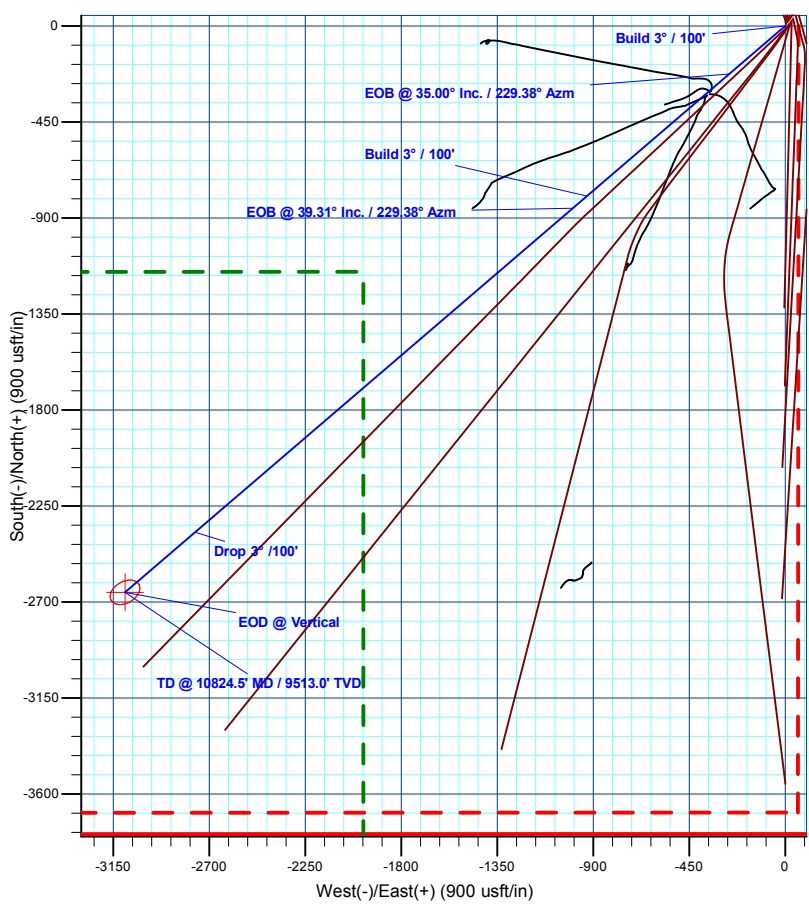
TVDPath	MDPath	Formation
410.0	410.1	Mahogany
2378.0	2666.1	Wasatch
4378.0	5227.1	Wasatch 'G' Sand
4588.0	5498.5	Fort Union
5912.0	7184.4	Ohio Creek
6100.0	7392.7	Williams Fork
6826.0	8137.5	TOG
8350.0	9661.5	Cameo
8748.0	10059.5	Base Cameo Coal
8763.0	10074.5	Rollins
9013.0	10324.5	Cozzette
9233.0	10544.5	Corcoran

Azimuths to True North
 Magnetic North: 9.40°
 Magnetic Field Strength: 51318.5nT
 Dip Angle: 65.72°
 Date: 12/3/2020
 Model: HDGM2020



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	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.0	Build 3° / 100'
1466.7	35.00	229.38	1395.5	-224.9	-262.2	3.00	229.38	345.4	EOB @ 35.00° Inc. / 229.38° Azm
3000.0	35.00	229.38	2651.5	-797.4	-929.7	0.00	0.00	1224.9	Build 3° / 100'
3143.6	39.31	229.38	2765.9	-853.9	-995.5	3.00	0.00	1311.6	EOB @ 39.31° Inc. / 229.38° Azm
6827.2	39.31	229.38	5616.1	-2373.1	-2766.8	0.00	0.00	3645.1	Drop 3° / 100'
8137.5	0.00	0.00	6826.0	-2654.4	-3094.7	3.00	180.00	4077.2	EOD @ Vertical
10824.5	0.00	0.00	9513.0	-2654.4	-3094.7	0.00	0.00	4077.2	TD @ 10824.5 MD / 9513.0 TVD



Plan: Design #2 (CC Federal 0697-15-17W/B-10)
 Created By: Will Jircik Date: 12:07, June 02 2021