

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

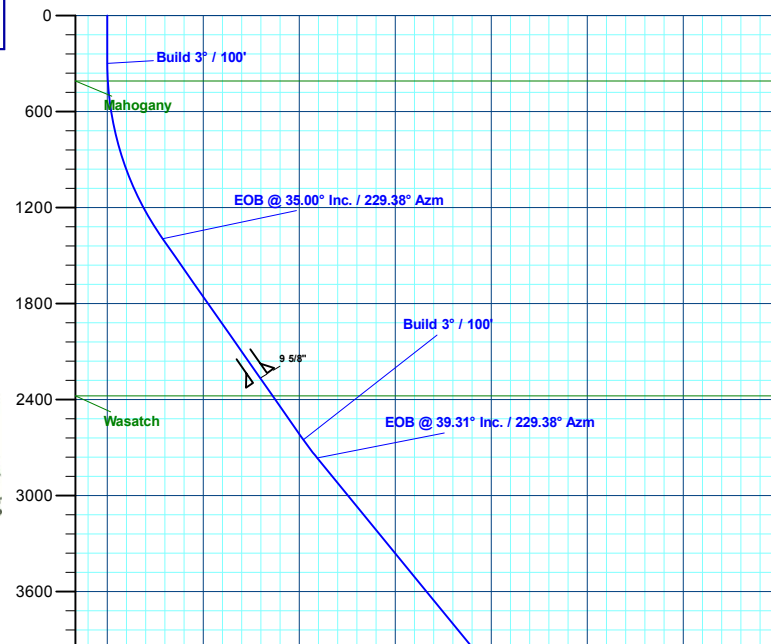
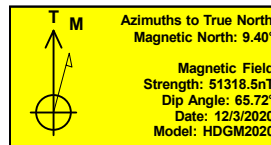
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
15-17W - PBHL	9513.0	-2654.4	-3094.7	1625269.88	2235579.70	39.518843	-108.210066

WELL DETAILS: CC Federal 0697-15-17W

+N/-S	+E/-W	Northing	Easting	8503.0	Latitude	Longitude	B-10
0.0	0.0	1627831.19	2238751.92		39.526131	-108.199096	

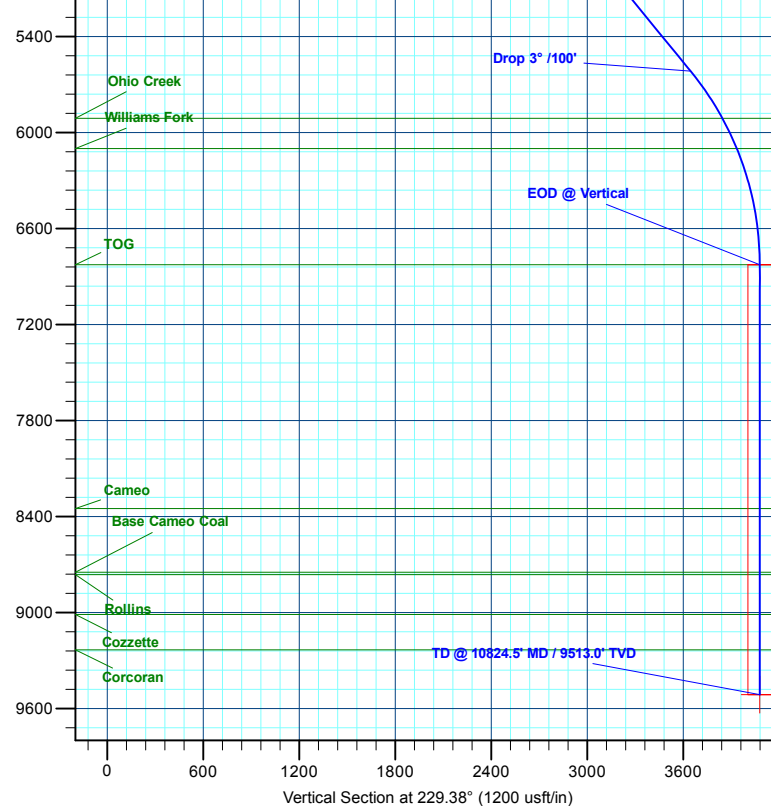
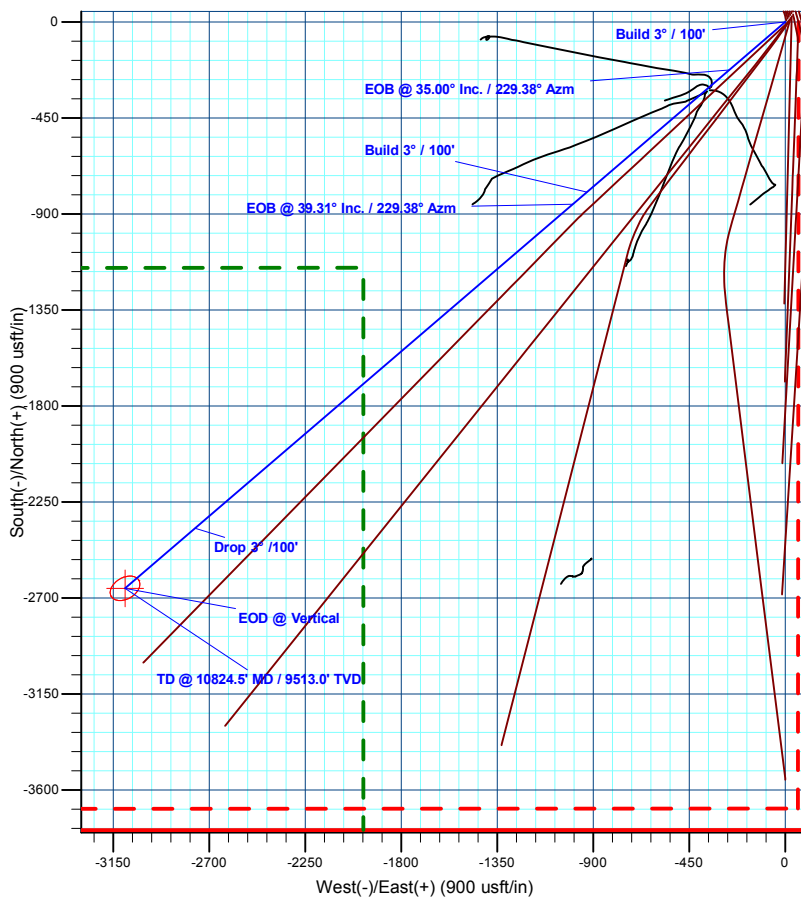
FORMATION TOP DETAILS

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



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



Plan: Design #2 (CC Federal 0697-15-17W/B-10)

Created By: Will Jircik Date: 12:07, June 02 2021