

WELL DETAILS: CC 0697-10-08W

+N/-S 0.0 +E/-W 0.0 Northing 1634520.88 Easting 2236760.05 Latitude 39.544326 Longitude -108.206861 A-6

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

Project: Garfield County, CO

Site: CC 0610-21-41 Pad

Well: CC 0697-10-08W

Wellbore: Wellbore #1

Design: Design #3

Latitude: 39.544326

Longitude: -108.206861

Ground Level: 8595.0

RKB @ 8625.0usft (H&P #522)

SECTION DETAILS

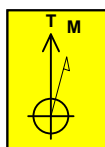
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
525.0	0.00	0.00	525.0	0.0	0.0	0.00	0.00	0.0	Build 2.5° / 100'
1409.8	22.12	191.10	1388.0	-165.5	-32.5	2.50	191.10	168.7	EOB @ 22.12° Inc. / 191.10° Azm
6760.7	22.12	191.10	6345.0	-2142.7	-420.3	0.00	0.00	2183.6	Drop 2.5° / 100'
7645.5	0.00	0.00	7208.0	-2308.3	-452.7	2.50	180.00	2352.2	EOD @ Vertical
10332.5	0.00	0.00	9895.0	-2308.3	-452.7	0.00	0.00	2352.2	TD @ 10332.5' MD / 9895.0' TVD

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - CC 0697-10-08W	9895.0	-2308.3	-452.7	1632227.12	2236238.75	39.537989	-108.208466

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 0697-10-08W - Slot A-6, True North
Vertical (TVD) Reference: RKB @ 8625.0usft (H&P #522)
Section (VS) Reference: Slot - A-6(0.0N, 0.0E)
Measured Depth Reference: RKB @ 8625.0usft (H&P #522)
Calculation Method: Minimum Curvature



Azimuths to True North
Magnetic North: 9.50°

Magnetic Field
Strength: 51376.1nT
Dip Angle: 65.77°
Date: 2/18/2020
Model: HDGM2020



FORMATION TOP DETAILS

TVDPATH	MDPATH	Formation
792.0	792.6	Mahogany
2760.0	2890.8	Wasatch
4550.0	4823.0	Wasatch 'G' Sand
4760.0	5049.7	Fort Union
6294.0	6705.6	Ohio Creek
6482.0	6906.8	Williams Fork
7208.0	7645.5	TOG
8732.0	9169.5	Cameo
9130.0	9567.5	Base Cameo Coal
9145.0	9582.5	Rollins
9395.0	9832.5	Cozzette
9615.0	10052.5	Corcoran



Plan: Design #3 (CC 0697-10-08W/Wellbore #1)

Created By: Will Jircik

Date: 12:37, April 09 2020

True Vertical Depth (1000 usft/in)

South(-)/North(+)

West(-)/East(+) (500 usft/in)

Vertical Section at 191.10° (1100 usft/in)