

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 0697-03-25W						
+N/-S	+E/-W	Northing	Easting	8613.0	Latitude	Longitude
0.0	0.0	1636225.06	2235837.40	39.548927	-108.210311	B-3

Project: Garfield County, CO
 Site: CC 603-23-32 Pad
 Well: CC 0697-03-25W
 Wellbore: Wellbore #1
 Design: Design #2
 Latitude: 39.548927
 Longitude: -108.210311
 Ground Level: 8613.0
 RKB @ 8643.0usft (H&P #522)

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
953.0	957.0	Mahogany
2903.0	2923.4	Wasatch
4653.0	4688.0	Wasatch 'G' Sand
4863.0	4899.8	Fort Union
6403.0	6452.7	Ohio Creek
6703.0	6755.2	Williams Fork
7103.0	7156.9	TOG
8893.0	8946.9	Cameo
9288.0	9341.9	Base Cameo Coal
9303.0	9356.9	Rollins

REFERENCE INFORMATION
Co-ordinate (N/E) Reference: Well CC 0697-03-25W - Slot B-3, True North
Vertical (TVD) Reference: RKB @ 8643.0usft (H&P #522)
Section (VS) Reference: Slot - B-3(0.0N, 0.0E)
Measured Depth Reference: RKB @ 8643.0usft (H&P #522)
Calculation Method: Minimum Curvature

Azimuths to True North
Magnetic North: 9.43°

Magnetic Field
Strength: 51296.7nT
Dip Angle: 65.75°
Date: 10/30/2020
Model: HDGM2020

DESIGN TARGET DETAILS						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude
03-25W - PBHL	9503.0	-688.5	493.3	1635522.15	2236309.94	39.547037
						Longitude
						-108.208562

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	KOP @ (Build 2.5° / 100)
275.0	0.00	0.00	275.0	0.0	0.0	0.00	0.00	0.0	EOB @ 7.39° Inc. / 144.38° Azm
570.5	7.39	144.38	569.7	-15.5	11.1	2.50	144.38	19.0	Drop 2.5° /100'
6861.3	7.39	144.38	6808.3	-673.0	482.2	0.00	0.00	828.0	EOD @ Vertical
7156.9	0.00	0.00	7103.0	-688.5	493.3	2.50	180.00	847.0	TD @ 9556.9' MD / 9503.0' TVD
9556.9	0.00	0.00	9503.0	-688.5	493.3	0.00	0.00	847.0	

