

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 0697-09-01E

+N/-S 0.0 +E/-W 0.0 Northing 1634531.22 Easting 2236740.22 8595.0 Latitude 39.544353 Longitude -108.206932 B-4

Project: Garfield County, CO

Site: CC 0610-21-41 Pad

Well: CC 0697-09-01E

Wellbore: Wellbore #1

Design: Design #1

Latitude: 39.544353

Longitude: -108.206932

Ground Level: 8595.0

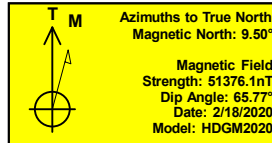
RKB @ 8625.0usft (H&P #522)

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
812.0	817.0	Mahogany
2780.0	3003.6	Wasatch
4570.0	5026.8	Wasatch 'G' Sand
4780.0	5264.2	Fort Union
6314.0	6994.9	Ohio Creek
6502.0	7196.3	Williams Fork
7228.0	7935.0	TOG
8752.0	9459.0	Cameo
9150.0	9857.0	Base Cameo Coal
9165.0	9872.0	Rollins

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well CC 0697-09-01E - Slot B-4, True North
Vertical (TVD) Reference: RKB @ 8625.0usft (H&P #522)
Section (VS) Reference: Slot - B-4(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 0697-09-01E	9365.0	-16.2	-3038.0	1634605.56	2233703.06	39.544308	-108.217705

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 2.5° / 100'
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	EOB @ 8.00° Inc. / 310.00° Azm / Build 2.5° / 100'
570.0	8.00	310.00	569.0	14.3	-17.1	2.50	310.00	17.0	EOB @ 27.78° Inc. / 268.63° Azm
1464.5	27.78	268.63	1418.4	49.8	-276.5	2.50	-54.07	276.2	Drop 2.5° / 100'
6823.7	27.78	268.63	6159.7	-9.9	-2773.9	0.00	0.00	2773.9	EOD @ Vertical
7935.0	0.00	0.00	7228.0	-16.2	-3038.0	2.50	180.00	3038.1	TD @ 10072.0' MD / 9365.0' TVD
10072.0	0.00	0.00	9365.0	-16.2	-3038.0	0.00	0.00	3038.1	

Plan: Design #1 (CC 0697-09-01E/Wellbore #1)

Created By: Will Jircik

Date: 9:50, April 09 2020

