

CC 0697-03-10W
Garfield County, CO
Q191445 & RM-191246
Design #3

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

Company Name: Laramie Energy, LLC
CC 0697-03-10W
Garfield County, CO
Rig: RKB 30'
Created By: Will Jircik
Date: 3:10, August 23 2019

FORMATION TOP DETAILS		
TVDPATH	MDPATH	FORMATION
606.0	606.4	Mahogany
4904.0	5144.4	Wasatch 'G' Sand
6604.0	6944.5	Ohio Creek
6754.0	7103.4	Williams Fork
7554.0	7925.4	TOG
9204.0	9575.4	Cameo
9434.0	9805.4	Base Cameo Coal
9454.0	9825.4	Rollins
9692.0	10063.4	Cozzette
9965.0	10336.4	Corcoran

DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - CC 0697-03-10W	10215.0	196.8	2258.4	1639531.66	2235799.35	39.557998	-108.210796

WELL DETAILS: CC 0697-03-10W						
	8609.0					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	
0.0	0.0	1639402.51	2235356.04	39.557458	-108.218806	

DESIGN ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.0	KOP / (Build 3.00°/100')	
1040.2	19.21	85.02	1028.3	9.2	105.9	106.3	106.3	EOB @ 19.21° Inc / 85.02° Azm	
7285.2	19.21	85.02	6925.7	187.6	2152.5	2160.7	2160.7	Drop @ 3.00°/100'	
7925.4	0.00	0.00	7554.0	196.8	2258.4	2267.0	2267.0	EOD @ Vertical	
10586.4	0.00	0.00	10215.0	196.8	2258.4	2267.0	2267.0	TD @ 10586.4' MD / 10215.0' TVD	



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Azimuths to True North
Magnetic North: 9.55°

Strength: 51411.3snT
Dip Angle: 65.78°
Date: 8/17/2019
Model: HDGM

