

CC 0697-03-13E
Garfield County, CO
Q180635 & RM-180547
Design #3

Company Name: Laramie Energy, LLC
CC 0697-03-13E
Garfield County, CO
Rig: 30" RKB
Created By: Will Jircik
Date: 6/12/2018

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

T

M

Azimuths to True North

Magnetic North: 9.63°

Strength: 51411.0snT

Dip Angle: 65.59°

Date: 5/16/2018

Model: USER DEFINED



DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - CC 0697-03-13E	9713.0	-873.6	1035.0	1638698.30	2238415.08	39.555925	-108.201435	Circle (Radius: 50.0)

DESIGN #3 ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
250.0	0.00	0.00	250.0	0.0	0.0	0.0	0.0	KOP (Build 3" / 100')
619.9	11.10	130.17	617.6	-23.0	27.3	35.7	35.7	EOB @ 11.10" Inc. / 130.17" Azm
7285.3	11.10	130.17	7158.4	-850.6	1007.7	1318.7	1318.7	Drop 3" / 100'
7655.3	0.00	0.00	7526.0	-873.6	1035.0	1354.4	1354.4	EOD @ Vertical
9842.3	0.00	0.00	9713.0	-873.6	1035.0	1354.4	1354.4	TD @ 9842.3' MD / 9713.0' TVD

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1110.0	1121.7	Mahogany
3078.0	3127.2	Wasatch
4868.0	4951.3	Wasatch 'G' Sand
5078.0	5165.3	Fort Union
6812.0	6728.5	Ohio Creek
6800.0	6920.1	Williams Fork
7526.0	7655.3	TOG
9050.0	9179.3	Cameo
9417.0	9546.3	Base Cameo Coal
9463.0	9592.3	Rollins

WELL DETAILS: CC 0697-03-13E					
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1639602.37	2237406.56	39.558324	-108.205106

ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation
202.0	2.20	163.00	202.0	-3.7	1.1	3.2	3.9	First MWD Survey @ 202.0' MD / 202.0' TVD
9807.0	4.90	232.10	9674.7	-894.9	1006.9	1344.2	1461.5	Projection to TD @ 9807.0' MD / 9674.7' TVD

