

CC 0697-03-16W
Garfield County, CO
Q180897 & RM-180748
Design #3

Company Name: Laramie Energy, LLC
CC 0697-03-16W
Garfield County, CO
Rig: 30" RKB
Created By: Will Jircik
Date: 7/27/2018

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

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Azimuths to True North

Magnetic North: 9.62°

Strength: 51396.1snT

Dip Angle: 65.58°

Date: 7/3/2018

Model: USER DEFINED

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
925.0	934.1	Mahogany
2893.0	3022.1	Wasatch
4683.0	4921.7	Wasatch 'G' Sand
4893.0	5144.6	Fort Union
6427.0	6772.5	Ohio Creek
6615.0	6972.0	Williams Fork
7341.0	7715.9	TOG
8865.0	9239.9	Cameo
9232.0	9606.9	Base Cameo Coal
9278.0	9652.9	Rollins



DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - CC 0697-03-16W	9528.0	-1590.6	-1590.7	1638032.40	2235753.47	39.553880	-108.210800
						Shape	Circle (Radius: 50.0)

ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect Departure	Annotation
350.0	0.00	0.00	350.0	0.0	0.0	0.0	KOP (Build 3° / 100')
1001.9	19.56	225.00	989.3	-77.9	-77.9	110.2	EOB @ 19.56° Inc. / 225.00° Azm
7064.0	19.56	225.00	6701.7	-1512.7	-1512.8	2139.3	Drop 3° / 100'
7715.9	0.00	0.00	7341.0	-1590.6	-1590.7	2249.5	EOD @ Vertical
9902.9	0.00	0.00	9528.0	-1590.6	-1590.7	2249.5	TD @ 9902.9' MD / 9528.0' TVD

ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture	Annotation
499.0	10.50	219.30	496.2	-35.3	-28.9	45.4	First MWD Survey @ 499.0' MD / 496.2' TVD
9808.0	5.70	256.90	9447.8	-1566.0	-1613.5	2248.2	Projection to TD @ 9808.0' MD / 9447.8' TVD

WELL DETAILS: CC 0697-03-16W						
+N/-S	+E/-W	Northing	Easting	8428.0	Latitude	Longitude
0.0	0.0	1639574.95	2237390.79		39.558247	-108.205159

