

CC 0697-03-14E
Garfield County, CO
Q180793 & RM-180793
Design #3

Company Name: Laramie Energy, LLC
CC 0697-03-14E
Garfield County, CO
Rig: 30' RKB
Created By: Will Jircik
Date: 6/28/2018

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

Azimuths to True North
Magnetic North: 9.62°
Strength: 51401.6snT
Dip Angle: 65.58°
Date: 6/15/2018
Model: USER DEFINED



FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
1105.0	1115.7	Mahogany
3073.0	3133.9	Wasatch
4863.0	4969.6	Wasatch 'G' Sand
5073.0	5185.0	Fort Union
6607.0	6758.1	Ohio Creek
6795.0	6950.9	Williams Fork
7521.0	7688.1	TOG
9045.0	9212.1	Cameo
9412.0	9579.1	Base Cameo Coal
9458.0	9625.1	Rollins

DESIGN TARGET DETAILS								
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
PBHL - CC 0697-03-14E	9708.0	-1113.6	1036.3	1638448.55	2238407.37	39.555239	-108.201436	Circle (Radius: 50.0)

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° / 100')
826.9	12.81	137.06	823.3	-34.8	32.4	47.5	47.5	EOB @ 12.81° Inc. / 137.06° Azm
7261.3	12.81	137.06	7097.7	-1078.8	1004.0	1473.7	1473.7	Drop 3° / 100'
7688.1	0.00	0.00	7521.0	-1113.6	1036.3	1521.2	1521.2	EOB @ Vertical
9875.1	0.00	0.00	9708.0	-1113.6	1036.3	1521.2	1521.2	TD @ 9875.1' MD / 9708.0' TVD

ANNOTATIONS								
MD	Inc	Azi	TVD	+N/-S	+E/-W	Vsect	Departure	Annotation
318.0	8.30	161.30	316.9	-21.8	7.4	21.0	23.0	First MWD Survey @ 318.0' MD / 316.9' TVD
9796.0	5.20	227.20	9634.8	-1123.4	1013.2	1512.6	1601.0	Projection to TD @ 9796.0' MD / 9634.8' TVD

WELL DETAILS: CC 0697-03-14E						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Shape
0.0	0.0	1639592.53	2237404.66	39.558296	-108.205111	Circle (Radius: 50.0)

