

Nichols 0994-24-10E
Mesa County, CO
Q180236 & RM-180206
Design #2

Company Name: Laramie Energy, LLC
Nichols 0994-24-10E
Mesa County, CO
Rig: H&P #290
Created By: Will Jircik
Date: 3/02/2018

PROJECT DETAILS: Mesa 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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M

Azimuths to True North

Magnetic North: 9.45°

Strength: 51323.7snT

Dip Angle: 65.40°

Date: 2/13/2018

Model: USER DEFINED



DESIGN TARGET DETAILS							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
PBHL - Nichols 0994-24-10E	8076.0	38.3	1387.6	1529290.34	2341526.88	39.263491	-107.825924
						Shape	
						Circle (Radius: 50.0)	

DESIGN #2 ANNOTATIONS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSect	Departure	Annotation	
494.0	0.00	0.00	494.0	0.0	0.0	0.0	0.0	KOP (Build 3" / 100')	
1057.9	16.92	88.42	1049.8	2.3	82.6	82.7	82.7	EOB @ 16.92" Inc. / 88.42" Azm	
5260.3	16.92	88.42	5070.2	36.0	1305.0	1305.5	1305.5	Drop 3" / 100'	
5824.2	0.00	0.00	5626.0	38.3	1387.6	1388.2	1388.2	EOD @ Vertical	
8274.2	0.00	0.00	8076.0	38.3	1387.6	1388.2	1388.2	TD @ 8274.2' MD / 8076.0' TVD	

FORMATION TOP DETAILS		
TVDPath	MDPath	Formation
2476.0	2548.7	G' Sand
4226.0	4377.8	Williams Fork
5626.0	5824.2	TOG
6526.0	6724.2	Cameo
7186.0	7384.2	Base Cameo Coal
7226.0	7424.2	Rollins
7676.0	7874.2	Cozzette
7826.0	8024.2	Corcoran

WELL DETAILS: Nichols 0994-24-10E				
+N/-S	+E/-W	Northing	Ground Level: Easting	7212.0
0.0	0.0	1529287.65	2340138.72	Latitude
			39.263386	
			Longitude	
			-107.830825	

ANNOTATIONS							
MD	Inc	Azi	TVD	+N/-S	+E/-W	VSecDeparture	Annotation
201.0	1.80	40.70	201.0	2.4	2.1	2.1	First MWD Survey @ 201.0' MD / 201.0' TVD
8288.0	2.68	223.20	8085.5	24.3	1388.3	1511.9	Projection to TD @ 8288.0' MD / 8085.5' TVD

