

Project: Mesa County, CO
 Site: BCU 14L Pad
 Well: Laramie BCU 0993-14-14W
 Wellbore: OH
 Design: Design #2
 Latitude: 39.272706
 Longitude: -107.744757
 Ground Level: 7394.0
 RKB @ 7418.0usft (24')

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

REFERENCE INFORMATION

Vertical (TVD) Reference: RKB @ 7418.0usft (24')
 Section (VS) Reference: Slot - A-4(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 7418.0usft (24')
 Calculation Method: Minimum Curvature

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	Vsect	Annotation
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	KOP @ (Build 2.5° / 100)
250.0	0.00	0.00	250.0	0.0	0.0	0.00	0.00	0.0	EOB @ 7.00° Inc. / 155.00° Azm
530.0	7.00	155.00	529.3	-15.5	7.2	2.50	155.00	11.4	EOB @ 21.44° Inc. / 105.28° Azm
1237.9	21.44	105.28	1215.5	-89.3	151.4	2.50	-66.53	170.6	Drop 2.5° / 100'
5590.9	21.44	105.28	5267.4	-508.5	1686.1	0.00	0.00	1761.1	EOD @ Vertical
6448.4	0.00	0.00	6105.0	-550.3	1839.0	2.50	180.00	1919.6	TD @ 8198.4' MD / 7855.0' TVD
8198.4	0.00	0.00	7855.0	-550.3	1839.0	0.00	0.00	1919.6	

DESIGN TARGET DETAILS

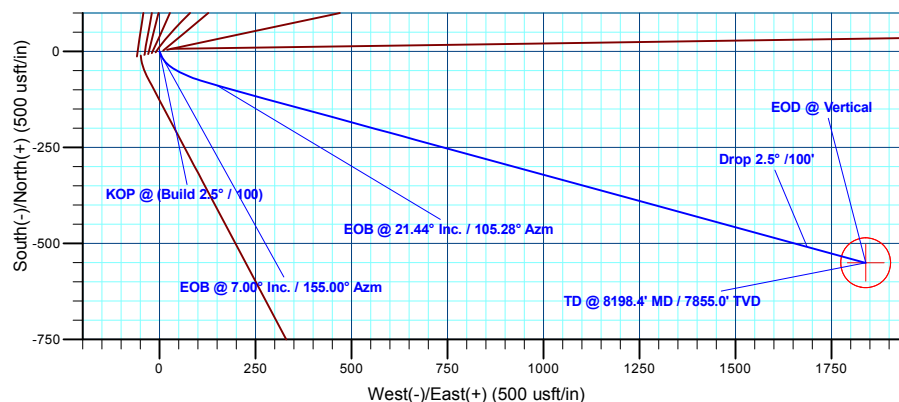
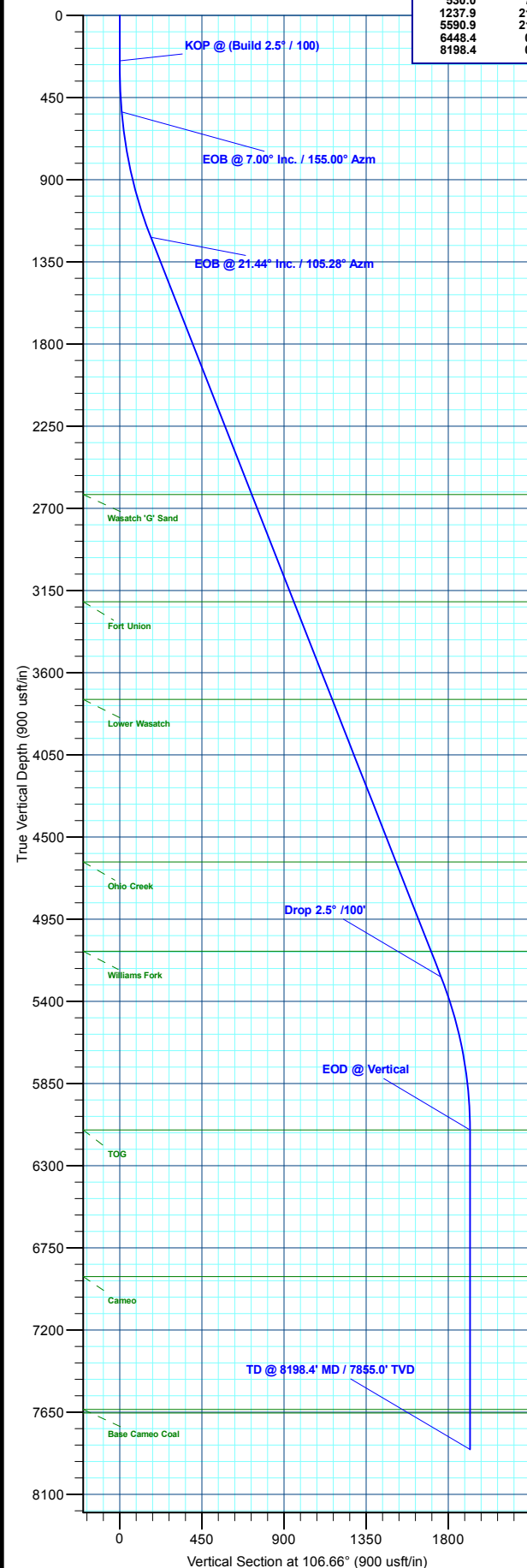
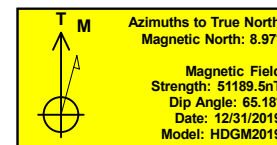
Name	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
BHL - 14-14W	7855.0	-550.3	1839.0	1531471.99	2366408.44	39.271195	-107.738261

WELL DETAILS: Laramie BCU 0993-14-14W

+N/-S	+E/-W	Ground Level : 7394.0	Latitude	Longitude	A-4
0.0	0.0	North 1532067.53	39.272706	-107.744757	
		East 2364583.56			

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2625.0	2752.1	Wasatch 'G' Sand
3213.0	3383.8	Fort Union
3747.0	3957.5	Lower Wasatch
4637.0	4913.6	Ohio Creek
5126.0	5439.0	Williams Fork
6105.0	6448.4	TOG
6908.0	7251.4	Cameo
7636.0	7979.4	Base Cameo Coal
7655.0	7998.4	Rollins



Plan: Design #2 (Laramie BCU 0993-14-14W/OH)

Created By: Will Jircik

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