

Project: Mesa County, CO
 Site: BCU 14L Pad
 Well: Laramie BCU 0993-14-16W
 Wellbore: OH
 Design: Design #2
 Latitude: 39.272676
 Longitude: -107.744930
 Ground Level: 7394.0
 RKB @ 7418.0usft (Ensign #157)

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 (Ensign #157)
 Section (VS) Reference: Slot - A-9(0.0N, 0.0E)
 Measured Depth Reference: RKB @ 7418.0usft (Ensign #157)
 Calculation Method: Minimum Curvature

SECTION DETAILS

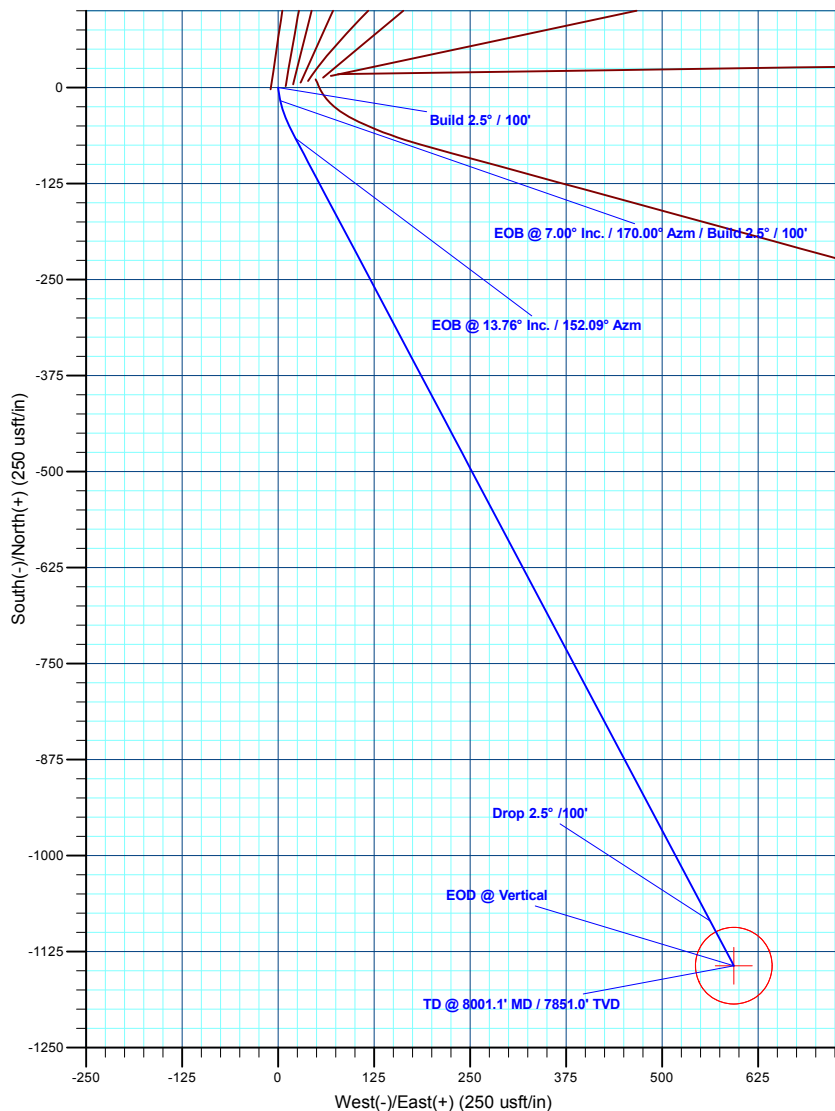
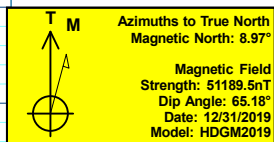
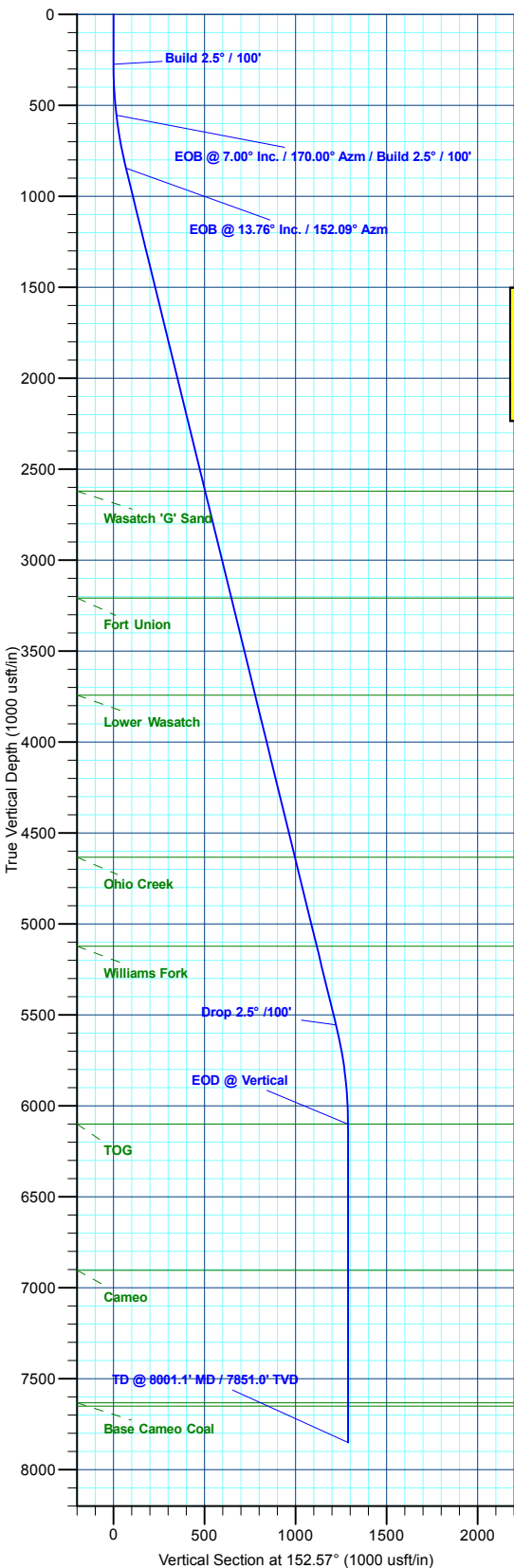
| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSect | Annotation |
|--------|-------|--------|--------|---------|-------|------|--------|--------|--|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 275.0 | 0.00 | 0.00 | 275.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | Build 2.5° / 100' |
| 555.0 | 7.00 | 170.00 | 554.3 | -16.8 | 3.0 | 2.50 | 170.00 | 16.3 | EOB @ 7.00° Inc. / 170.00° Azm / Build 2.5° / 100' |
| 851.5 | 13.76 | 152.09 | 845.9 | -65.9 | 22.6 | 2.50 | -34.54 | 68.9 | EOB @ 13.76° Inc. / 152.09° Azm |
| 5700.7 | 13.76 | 152.09 | 5555.8 | -1085.1 | 562.6 | 0.00 | 0.00 | 1222.3 | Drop 2.5° / 100' |
| 6251.1 | 0.00 | 0.00 | 6101.0 | -1143.3 | 593.4 | 2.50 | 180.00 | 1288.1 | EOD @ Vertical |
| 8001.1 | 0.00 | 0.00 | 7851.0 | -1143.3 | 593.4 | 0.00 | 0.00 | 1288.1 | TD @ 8001.1' MD / 7851.0' TVD |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|--------------|--------|---------|-------|------------|------------|-----------|-------------|
| BHL - 14-16W | 7851.0 | -1143.3 | 593.4 | 1530900.23 | 2365099.30 | 39.269537 | -107.742834 |

WELL DETAILS: Laramie BCU 0993-14-16W

| | | | | | | | |
|-------|-------|-----------------------|------------|-----------|-------------|-----------|--|
| +N/-S | +E/-W | Ground Level : 7394.0 | Northing | Easting | Latitude | Longitude | |
| 0.0 | 0.0 | 1532057.82 | 2364534.33 | 39.272676 | -107.744930 | A-9 | |



Plan: Design #2 (Laramie BCU 0993-14-16W/OH)

Created By: Will Jircik

Date: 17:39, November 01 2022