



Laramie Energy, LLC

Mesa County, CO

Currier 0993-16-07 Pad

Currier BCU 0993-16-08W - Slot A-14

OH

Plan: Design #1

KLX Well Planning Report

13 July, 2023





| | | | |
|------------------|---------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well Currier BCU 0993-16-08W - Slot A-14 |
| Company: | Laramie Energy, LLC | TVD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Project: | Mesa County, CO | MD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Site: | Currier 0993-16-07 Pad | North Reference: | True |
| Well: | Currier BCU 0993-16-08W | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #1 | | |

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|--------------------|---------------------------|----------------------|----------------|
| Project | Mesa County, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

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|------------------------------|------------------------|---------------------|-------------------|--------------------------|-------------|
| Site | Currier 0993-16-07 Pad | | | | |
| Site Position: | | Northing: | 1,534,122.03 usft | Latitude: | 39.277789 |
| From: | Lat/Long | Easting: | 2,356,438.51 usft | Longitude: | -107.773701 |
| Position Uncertainty: | 0.0 usft | Slot Radius: | 13-3/16 " | Grid Convergence: | -1.43 ° |

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|-----------------------------|-------------------------------------|-----------|----------------------------|-------------------|----------------------|--------------|
| Well | Currier BCU 0993-16-08W - Slot A-14 | | | | | |
| Well Position | +N/-S | 75.2 usft | Northing: | 1,534,195.44 usft | Latitude: | 39.277996 |
| | +E/-W | 72.0 usft | Easting: | 2,356,512.41 usft | Longitude: | -107.773447 |
| Position Uncertainty | | 0.0 usft | Wellhead Elevation: | | Ground Level: | 7,457.0 usft |

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|-----------------|----|
| Wellbore | OH |
|-----------------|----|

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| | HDGM2023 | 7/13/2023 | 8.68 | 65.13 | 50,856.30000000 |

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| Design | Design #1 |
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|--------------------------|---|
| Audit Notes: | |
| Version: | Phase: PLAN Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD) (usft) +N/-S (usft) +E/-W (usft) Direction (°) |
| | 0.0 0.0 0.0 252.18 |

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|----------------------|--|
| Plan Sections | |
|----------------------|--|

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 225.0 | 0.00 | 0.00 | 225.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 425.0 | 5.00 | 280.00 | 424.7 | 1.5 | -8.6 | 2.50 | 2.50 | 0.00 | 280.00 | |
| 695.9 | 10.75 | 251.63 | 693.0 | -4.4 | -44.2 | 2.50 | 2.12 | -10.48 | -48.72 | |
| 5,651.4 | 10.75 | 251.63 | 5,561.7 | -295.7 | -921.1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,081.2 | 0.00 | 0.00 | 5,989.0 | -308.3 | -959.2 | 2.50 | -2.50 | 0.00 | 180.00 | |
| 8,660.2 | 0.00 | 0.00 | 8,568.0 | -308.3 | -959.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 PBHL - Currier 16-C |



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|------------------|---------------------------|-------------------------------------|--|
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| Project: | Mesa County, CO | MD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Site: | Currier 0993-16-07 Pad | North Reference: | True |
| Well: | Currier BCU 0993-16-08W | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #1 | | |

Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| KOP (Build 2.5° / 100) | | | | | | | | | |
| 225.0 | 0.00 | 0.00 | 225.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 1.88 | 280.00 | 300.0 | 0.2 | -1.2 | 1.1 | 2.50 | 2.50 | 0.00 |
| 400.0 | 4.38 | 280.00 | 399.8 | 1.2 | -6.6 | 5.9 | 2.50 | 2.50 | 0.00 |
| EOB @ 5.00° Inc. / 280.00° Azm | | | | | | | | | |
| 425.0 | 5.00 | 280.00 | 424.7 | 1.5 | -8.6 | 7.7 | 2.50 | 2.50 | 0.00 |
| 500.0 | 6.39 | 267.25 | 499.4 | 1.9 | -16.0 | 14.6 | 2.50 | 1.86 | -17.01 |
| 600.0 | 8.54 | 257.30 | 598.5 | 0.0 | -28.8 | 27.4 | 2.50 | 2.15 | -9.94 |
| EOB @ 10.75° Inc. / 251.63° Azm | | | | | | | | | |
| 695.9 | 10.75 | 251.63 | 693.0 | -4.4 | -44.2 | 43.4 | 2.50 | 2.30 | -5.92 |
| 700.0 | 10.75 | 251.63 | 697.1 | -4.6 | -44.9 | 44.2 | 0.00 | 0.00 | 0.00 |
| 800.0 | 10.75 | 251.63 | 795.3 | -10.5 | -62.6 | 62.9 | 0.00 | 0.00 | 0.00 |
| 900.0 | 10.75 | 251.63 | 893.6 | -16.4 | -80.3 | 81.5 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 10.75 | 251.63 | 991.8 | -22.3 | -98.0 | 100.1 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 10.75 | 251.63 | 1,090.1 | -28.2 | -115.7 | 118.8 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 10.75 | 251.63 | 1,188.3 | -34.0 | -133.4 | 137.4 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 10.75 | 251.63 | 1,286.6 | -39.9 | -151.1 | 156.1 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 10.75 | 251.63 | 1,384.8 | -45.8 | -168.8 | 174.7 | 0.00 | 0.00 | 0.00 |
| 8 5/8" | | | | | | | | | |
| 1,500.0 | 10.75 | 251.63 | 1,483.1 | -51.7 | -186.5 | 193.4 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 10.75 | 251.63 | 1,581.3 | -57.5 | -204.2 | 212.0 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 10.75 | 251.63 | 1,679.6 | -63.4 | -221.9 | 230.7 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 10.75 | 251.63 | 1,777.8 | -69.3 | -239.6 | 249.3 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 10.75 | 251.63 | 1,876.1 | -75.2 | -257.3 | 267.9 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 10.75 | 251.63 | 1,974.3 | -81.0 | -275.0 | 286.6 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 10.75 | 251.63 | 2,072.5 | -86.9 | -292.7 | 305.2 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.75 | 251.63 | 2,170.8 | -92.8 | -310.4 | 323.9 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 10.75 | 251.63 | 2,269.0 | -98.7 | -328.1 | 342.5 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.75 | 251.63 | 2,367.3 | -104.6 | -345.8 | 361.2 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 10.75 | 251.63 | 2,465.5 | -110.4 | -363.4 | 379.8 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.75 | 251.63 | 2,563.8 | -116.3 | -381.1 | 398.5 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 10.75 | 251.63 | 2,662.0 | -122.2 | -398.8 | 417.1 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.75 | 251.63 | 2,760.3 | -128.1 | -416.5 | 435.7 | 0.00 | 0.00 | 0.00 |
| Wasatch 'G' Sand | | | | | | | | | |
| 2,805.8 | 10.75 | 251.63 | 2,766.0 | -128.4 | -417.6 | 436.8 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 10.75 | 251.63 | 2,858.5 | -133.9 | -434.2 | 454.4 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 10.75 | 251.63 | 2,956.8 | -139.8 | -451.9 | 473.0 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 10.75 | 251.63 | 3,055.0 | -145.7 | -469.6 | 491.7 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.75 | 251.63 | 3,153.3 | -151.6 | -487.3 | 510.3 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 3,262.8 | 10.75 | 251.63 | 3,215.0 | -155.3 | -498.4 | 522.0 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 10.75 | 251.63 | 3,251.5 | -157.5 | -505.0 | 529.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.75 | 251.63 | 3,349.8 | -163.3 | -522.7 | 547.6 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 10.75 | 251.63 | 3,448.0 | -169.2 | -540.4 | 566.2 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.75 | 251.63 | 3,546.2 | -175.1 | -558.1 | 584.9 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 10.75 | 251.63 | 3,644.5 | -181.0 | -575.8 | 603.5 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.75 | 251.63 | 3,742.7 | -186.8 | -593.5 | 622.2 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 10.75 | 251.63 | 3,841.0 | -192.7 | -611.2 | 640.8 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.75 | 251.63 | 3,939.2 | -198.6 | -628.9 | 659.5 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 10.75 | 251.63 | 4,037.5 | -204.5 | -646.6 | 678.1 | 0.00 | 0.00 | 0.00 |



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| Site: | Currier 0993-16-07 Pad | North Reference: | True |
| Well: | Currier BCU 0993-16-08W | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | | |
|-----------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,200.0 | 10.75 | 251.63 | 4,135.7 | -210.3 | -664.3 | 696.8 | 0.00 | 0.00 | 0.00 | |
| Lower Wasatch | | | | | | | | | | |
| 4,257.3 | 10.75 | 251.63 | 4,192.0 | -213.7 | -674.4 | 707.4 | 0.00 | 0.00 | 0.00 | |
| 4,300.0 | 10.75 | 251.63 | 4,234.0 | -216.2 | -681.9 | 715.4 | 0.00 | 0.00 | 0.00 | |
| 4,400.0 | 10.75 | 251.63 | 4,332.2 | -222.1 | -699.6 | 734.0 | 0.00 | 0.00 | 0.00 | |
| 4,500.0 | 10.75 | 251.63 | 4,430.5 | -228.0 | -717.3 | 752.7 | 0.00 | 0.00 | 0.00 | |
| 4,600.0 | 10.75 | 251.63 | 4,528.7 | -233.9 | -735.0 | 771.3 | 0.00 | 0.00 | 0.00 | |
| 4,700.0 | 10.75 | 251.63 | 4,627.0 | -239.7 | -752.7 | 790.0 | 0.00 | 0.00 | 0.00 | |
| 4,800.0 | 10.75 | 251.63 | 4,725.2 | -245.6 | -770.4 | 808.6 | 0.00 | 0.00 | 0.00 | |
| 4,900.0 | 10.75 | 251.63 | 4,823.4 | -251.5 | -788.1 | 827.3 | 0.00 | 0.00 | 0.00 | |
| Ohio Creek | | | | | | | | | | |
| 4,996.2 | 10.75 | 251.63 | 4,918.0 | -257.1 | -805.1 | 845.2 | 0.00 | 0.00 | 0.00 | |
| 5,000.0 | 10.75 | 251.63 | 4,921.7 | -257.4 | -805.8 | 845.9 | 0.00 | 0.00 | 0.00 | |
| 5,100.0 | 10.75 | 251.63 | 5,019.9 | -263.2 | -823.5 | 864.6 | 0.00 | 0.00 | 0.00 | |
| 5,200.0 | 10.75 | 251.63 | 5,118.2 | -269.1 | -841.2 | 883.2 | 0.00 | 0.00 | 0.00 | |
| Williams Fork | | | | | | | | | | |
| 5,205.9 | 10.75 | 251.63 | 5,124.0 | -269.5 | -842.2 | 884.3 | 0.00 | 0.00 | 0.00 | |
| 5,300.0 | 10.75 | 251.63 | 5,216.4 | -275.0 | -858.9 | 901.8 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 10.75 | 251.63 | 5,314.7 | -280.9 | -876.6 | 920.5 | 0.00 | 0.00 | 0.00 | |
| 5,500.0 | 10.75 | 251.63 | 5,412.9 | -286.8 | -894.3 | 939.1 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 10.75 | 251.63 | 5,511.2 | -292.6 | -912.0 | 957.8 | 0.00 | 0.00 | 0.00 | |
| Drop 2.5° /100' | | | | | | | | | | |
| 5,651.4 | 10.75 | 251.63 | 5,561.7 | -295.7 | -921.1 | 967.4 | 0.00 | 0.00 | 0.00 | |
| 5,700.0 | 9.53 | 251.63 | 5,609.5 | -298.3 | -929.2 | 975.9 | 2.50 | -2.50 | 0.00 | |
| 5,800.0 | 7.03 | 251.63 | 5,708.5 | -302.9 | -942.9 | 990.3 | 2.50 | -2.50 | 0.00 | |
| 5,900.0 | 4.53 | 251.63 | 5,807.9 | -306.1 | -952.4 | 1,000.4 | 2.50 | -2.50 | 0.00 | |
| 6,000.0 | 2.03 | 251.63 | 5,907.8 | -307.9 | -957.8 | 1,006.1 | 2.50 | -2.50 | 0.00 | |
| EOD @ Vertical - TOG | | | | | | | | | | |
| 6,081.2 | 0.00 | 0.00 | 5,989.0 | -308.3 | -959.2 | 1,007.5 | 2.50 | -2.50 | 0.00 | |
| 6,100.0 | 0.00 | 0.00 | 6,007.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,200.0 | 0.00 | 0.00 | 6,107.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,300.0 | 0.00 | 0.00 | 6,207.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,400.0 | 0.00 | 0.00 | 6,307.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,500.0 | 0.00 | 0.00 | 6,407.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,600.0 | 0.00 | 0.00 | 6,507.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,700.0 | 0.00 | 0.00 | 6,607.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,800.0 | 0.00 | 0.00 | 6,707.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 6,900.0 | 0.00 | 0.00 | 6,807.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,000.0 | 0.00 | 0.00 | 6,907.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,100.0 | 0.00 | 0.00 | 7,007.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,200.0 | 0.00 | 0.00 | 7,107.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| Cameo | | | | | | | | | | |
| 7,263.2 | 0.00 | 0.00 | 7,171.0 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,300.0 | 0.00 | 0.00 | 7,207.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 0.00 | 0.00 | 7,307.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,500.0 | 0.00 | 0.00 | 7,407.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 0.00 | 0.00 | 7,507.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,700.0 | 0.00 | 0.00 | 7,607.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| Rollins | | | | | | | | | | |
| 7,739.2 | 0.00 | 0.00 | 7,647.0 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,800.0 | 0.00 | 0.00 | 7,707.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 0.00 | 0.00 | 7,807.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 0.00 | 0.00 | 7,907.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 | |



| | | | |
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| Project: | Mesa County, CO | MD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Site: | Currier 0993-16-07 Pad | North Reference: | True |
| Well: | Currier BCU 0993-16-08W | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #1 | | |

| Planned Survey | | | | | | | | | |
|--------------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,100.0 | 0.00 | 0.00 | 8,007.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 0.00 | 0.00 | 8,107.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| Cozzette | | | | | | | | | |
| 8,276.2 | 0.00 | 0.00 | 8,184.0 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 8,207.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 0.00 | 0.00 | 8,307.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| Corcoran | | | | | | | | | |
| 8,450.2 | 0.00 | 0.00 | 8,358.0 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 0.00 | 0.00 | 8,407.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 0.00 | 0.00 | 8,507.8 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |
| TD @ 8660.2' MD / 8568.0' TVD | | | | | | | | | |
| 8,660.2 | 0.00 | 0.00 | 8,568.0 | -308.3 | -959.2 | 1,007.5 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| PBHL - Currier 16-08V | 0.00 | 0.00 | 8,568.0 | -308.3 | -959.2 | 1,533,911.22 | 2,355,545.79 | 39.277149 | -107.776835 |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 50.0) | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 1,500.0 | 1,483.1 | 8 5/8" | 8-5/8 | 11 | |

| Formations | | | | | | |
|-----------------------|-----------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,805.8 | 2,766.0 | Wasatch 'G' Sand | | | | |
| 3,262.8 | 3,215.0 | Fort Union | | | | |
| 4,257.3 | 4,192.0 | Lower Wasatch | | | | |
| 4,996.2 | 4,918.0 | Ohio Creek | | | | |
| 5,205.9 | 5,124.0 | Williams Fork | | | | |
| 6,081.2 | 5,989.0 | TOG | | | | |
| 7,263.2 | 7,171.0 | Cameo | | | | |
| 7,739.2 | 7,647.0 | Rollins | | | | |
| 8,276.2 | 8,184.0 | Cozzette | | | | |
| 8,450.2 | 8,358.0 | Corcoran | | | | |



| | | | |
|------------------|---------------------------|-------------------------------------|--|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well Currier BCU 0993-16-08W - Slot A-14 |
| Company: | Laramie Energy, LLC | TVD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Project: | Mesa County, CO | MD Reference: | RKB=30' @ 7487.0usft (TBD) |
| Site: | Currier 0993-16-07 Pad | North Reference: | True |
| Well: | Currier BCU 0993-16-08W | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Design #1 | | |

Plan Annotations

| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|
| | | +N/-S (usft) | +E/-W (usft) | |
| 225.0 | 225.0 | 0.0 | 0.0 | KOP (Build 2.5° / 100) |
| 425.0 | 424.7 | 1.5 | -8.6 | EOB @ 5.00° Inc. / 280.00° Azm |
| 695.9 | 693.0 | -4.4 | -44.2 | EOB @ 10.75° Inc. / 251.63° Azm |
| 5,651.4 | 5,561.7 | -295.7 | -921.1 | Drop 2.5° /100' |
| 6,081.2 | 5,989.0 | -308.3 | -959.2 | EOD @ Vertical |
| 8,660.2 | 8,568.0 | -308.3 | -959.2 | TD @ 8660.2' MD / 8568.0' TVD |