

TEP Rocky Mountain LLC

Garfield County, CO NAD83

TR 1-24-597 Pad

TR 322-24-597 - Slot A8

OH

Plan: Plan #1

Standard Planning Report

10 June, 2017

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PRO | Local Co-ordinate Reference: | Well TR 322-24-597 - Slot A8 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Site: | TR 1-24-597 Pad | North Reference: | True |
| Well: | TR 322-24-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Garfield County, CO NAD83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | | |
|------------------------------|-----------------|---------------------|-----------------|--------------------------|-------------------|
| Site | TR 1-24-597 Pad | | | | |
| Site Position: | | Northing: | 1,655,274.70 ft | Latitude: | 39° 36' 2.738 N |
| From: | Map | Easting: | 2,230,578.20 ft | Longitude: | 108° 13' 51.597 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.72 ° |

| | | | | | | |
|-----------------------------|-------------------------|----------|----------------------------|-----------------|----------------------|-------------------|
| Well | TR 322-24-597 - Slot A8 | | | | | |
| Well Position | +N/-S | -35.7 ft | Northing: | 1,655,239.50 ft | Latitude: | 39° 36' 2.385 N |
| | +E/-W | -15.2 ft | Easting: | 2,230,561.90 ft | Longitude: | 108° 13' 51.792 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | | Ground Level: | 8,509.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2000 | 12/31/2004 | 11.57 | 66.03 | 53,050.65481332 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 88.55 |

| | | | | |
|---------------------------------|----------------------|--------------------------|------------------------------|----------------|
| Plan Survey Tool Program | Date | 6/10/2017 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.0 | 10,588.8 Plan #1 (OH) | SDI MWD | |
| | | | SDI MWD - Standard ver 1.0.1 | |

| Plan Sections | | | | | | | | | | |
|----------------------|-----------------|-------------|---------------------|------------|------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | 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 | |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 733.4 | 10.00 | 88.55 | 731.8 | 0.7 | 29.0 | 3.00 | 3.00 | 0.00 | 88.55 | |
| 6,282.5 | 10.00 | 88.55 | 6,196.5 | 25.1 | 992.6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,949.4 | 0.00 | 0.00 | 6,860.0 | 26.6 | 1,050.7 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 10,589.4 | 0.00 | 0.00 | 10,500.0 | 26.6 | 1,050.7 | 0.00 | 0.00 | 0.00 | 0.00 | PBHL (TR 322-24-597) |

N/A
Planning Report

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| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Site: | TR 1-24-597 Pad | North Reference: | True |
| Well: | TR 322-24-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N-S (ft) | +E-W (ft) | Vertical Section (ft) | 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 |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 500.0 | 3.00 | 88.55 | 500.0 | 0.1 | 2.6 | 2.6 | 3.00 | 3.00 | 0.00 |
| 600.0 | 6.00 | 88.55 | 599.6 | 0.3 | 10.5 | 10.5 | 3.00 | 3.00 | 0.00 |
| 700.0 | 9.00 | 88.55 | 698.8 | 0.6 | 23.5 | 23.5 | 3.00 | 3.00 | 0.00 |
| 733.4 | 10.00 | 88.55 | 731.8 | 0.7 | 29.0 | 29.0 | 3.00 | 3.00 | 0.00 |
| 800.0 | 10.00 | 88.55 | 797.3 | 1.0 | 40.6 | 40.6 | 0.00 | 0.00 | 0.00 |
| 900.0 | 10.00 | 88.55 | 895.8 | 1.5 | 57.9 | 58.0 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 10.00 | 88.55 | 994.3 | 1.9 | 75.3 | 75.3 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 10.00 | 88.55 | 1,092.7 | 2.3 | 92.7 | 92.7 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 10.00 | 88.55 | 1,191.2 | 2.8 | 110.0 | 110.1 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 10.00 | 88.55 | 1,289.7 | 3.2 | 127.4 | 127.4 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 10.00 | 88.55 | 1,388.2 | 3.7 | 144.8 | 144.8 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 10.00 | 88.55 | 1,486.7 | 4.1 | 162.1 | 162.2 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 10.00 | 88.55 | 1,585.1 | 4.5 | 179.5 | 179.6 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 10.00 | 88.55 | 1,683.6 | 5.0 | 196.9 | 196.9 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 10.00 | 88.55 | 1,782.1 | 5.4 | 214.2 | 214.3 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 10.00 | 88.55 | 1,880.6 | 5.9 | 231.6 | 231.7 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 10.00 | 88.55 | 1,979.1 | 6.3 | 249.0 | 249.0 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 10.00 | 88.55 | 2,077.5 | 6.7 | 266.3 | 266.4 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 10.00 | 88.55 | 2,176.0 | 7.2 | 283.7 | 283.8 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 10.00 | 88.55 | 2,274.5 | 7.6 | 301.1 | 301.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 10.00 | 88.55 | 2,373.0 | 8.1 | 318.4 | 318.5 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 10.00 | 88.55 | 2,471.5 | 8.5 | 335.8 | 335.9 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 10.00 | 88.55 | 2,569.9 | 8.9 | 353.2 | 353.3 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 10.00 | 88.55 | 2,668.4 | 9.4 | 370.5 | 370.6 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 10.00 | 88.55 | 2,766.9 | 9.8 | 387.9 | 388.0 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 10.00 | 88.55 | 2,865.4 | 10.3 | 405.2 | 405.4 | 0.00 | 0.00 | 0.00 |
| 2,990.0 | 10.00 | 88.55 | 2,954.0 | 10.7 | 420.9 | 421.0 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 3,000.0 | 10.00 | 88.55 | 2,963.9 | 10.7 | 422.6 | 422.7 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 10.00 | 88.55 | 3,062.3 | 11.1 | 440.0 | 440.1 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 10.00 | 88.55 | 3,160.8 | 11.6 | 457.3 | 457.5 | 0.00 | 0.00 | 0.00 |
| 3,240.0 | 10.00 | 88.55 | 3,200.2 | 11.8 | 464.3 | 464.4 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 3,300.0 | 10.00 | 88.55 | 3,259.3 | 12.0 | 474.7 | 474.9 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 10.00 | 88.55 | 3,357.8 | 12.5 | 492.1 | 492.2 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 10.00 | 88.55 | 3,456.3 | 12.9 | 509.4 | 509.6 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 10.00 | 88.55 | 3,554.7 | 13.3 | 526.8 | 527.0 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 10.00 | 88.55 | 3,653.2 | 13.8 | 544.2 | 544.3 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 10.00 | 88.55 | 3,751.7 | 14.2 | 561.5 | 561.7 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 10.00 | 88.55 | 3,850.2 | 14.7 | 578.9 | 579.1 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 10.00 | 88.55 | 3,948.6 | 15.1 | 596.3 | 596.5 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 10.00 | 88.55 | 4,047.1 | 15.5 | 613.6 | 613.8 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 10.00 | 88.55 | 4,145.6 | 16.0 | 631.0 | 631.2 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 10.00 | 88.55 | 4,244.1 | 16.4 | 648.4 | 648.6 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 10.00 | 88.55 | 4,342.6 | 16.8 | 665.7 | 665.9 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 10.00 | 88.55 | 4,441.0 | 17.3 | 683.1 | 683.3 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 10.00 | 88.55 | 4,539.5 | 17.7 | 700.5 | 700.7 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 10.00 | 88.55 | 4,638.0 | 18.2 | 717.8 | 718.0 | 0.00 | 0.00 | 0.00 |

N/A
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| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Planned Survey | | | | | | | | | | |
|-------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 4,800.0 | 10.00 | 88.55 | 4,736.5 | 18.6 | 735.2 | 735.4 | 0.00 | 0.00 | 0.00 | |
| 4,873.6 | 10.00 | 88.55 | 4,809.0 | 18.9 | 748.0 | 748.2 | 0.00 | 0.00 | 0.00 | |
| Top of "G" Sand | | | | | | | | | | |
| 4,900.0 | 10.00 | 88.55 | 4,835.0 | 19.0 | 752.6 | 752.8 | 0.00 | 0.00 | 0.00 | |
| Base of "G" Sand | | | | | | | | | | |
| 5,000.0 | 10.00 | 88.55 | 4,933.4 | 19.5 | 769.9 | 770.2 | 0.00 | 0.00 | 0.00 | |
| 5,100.0 | 10.00 | 88.55 | 5,031.9 | 19.9 | 787.3 | 787.5 | 0.00 | 0.00 | 0.00 | |
| 5,117.3 | 10.00 | 88.55 | 5,049.0 | 20.0 | 790.3 | 790.5 | 0.00 | 0.00 | 0.00 | |
| Fort Union | | | | | | | | | | |
| 5,200.0 | 10.00 | 88.55 | 5,130.4 | 20.4 | 804.6 | 804.9 | 0.00 | 0.00 | 0.00 | |
| 5,300.0 | 10.00 | 88.55 | 5,228.9 | 20.8 | 822.0 | 822.3 | 0.00 | 0.00 | 0.00 | |
| 5,400.0 | 10.00 | 88.55 | 5,327.4 | 21.2 | 839.4 | 839.6 | 0.00 | 0.00 | 0.00 | |
| 5,500.0 | 10.00 | 88.55 | 5,425.8 | 21.7 | 856.7 | 857.0 | 0.00 | 0.00 | 0.00 | |
| 5,600.0 | 10.00 | 88.55 | 5,524.3 | 22.1 | 874.1 | 874.4 | 0.00 | 0.00 | 0.00 | |
| 5,700.0 | 10.00 | 88.55 | 5,622.8 | 22.6 | 891.5 | 891.8 | 0.00 | 0.00 | 0.00 | |
| 5,800.0 | 10.00 | 88.55 | 5,721.3 | 23.0 | 908.8 | 909.1 | 0.00 | 0.00 | 0.00 | |
| 5,900.0 | 10.00 | 88.55 | 5,819.8 | 23.4 | 926.2 | 926.5 | 0.00 | 0.00 | 0.00 | |
| 6,000.0 | 10.00 | 88.55 | 5,918.2 | 23.9 | 943.6 | 943.9 | 0.00 | 0.00 | 0.00 | |
| 6,100.0 | 10.00 | 88.55 | 6,016.7 | 24.3 | 960.9 | 961.2 | 0.00 | 0.00 | 0.00 | |
| 6,200.0 | 10.00 | 88.55 | 6,115.2 | 24.8 | 978.3 | 978.6 | 0.00 | 0.00 | 0.00 | |
| 6,282.5 | 10.00 | 88.55 | 6,196.5 | 25.1 | 992.6 | 992.9 | 0.00 | 0.00 | 0.00 | |
| 6,300.0 | 9.74 | 88.55 | 6,213.7 | 25.2 | 995.6 | 995.9 | 1.50 | -1.50 | 0.00 | |
| 6,360.1 | 8.84 | 88.55 | 6,273.0 | 25.4 | 1,005.3 | 1,005.6 | 1.50 | -1.50 | 0.00 | |
| Ohio Creek | | | | | | | | | | |
| 6,400.0 | 8.24 | 88.55 | 6,312.5 | 25.6 | 1,011.2 | 1,011.6 | 1.50 | -1.50 | 0.00 | |
| 6,500.0 | 6.74 | 88.55 | 6,411.6 | 25.9 | 1,024.3 | 1,024.6 | 1.50 | -1.50 | 0.00 | |
| 6,600.0 | 5.24 | 88.55 | 6,511.1 | 26.2 | 1,034.7 | 1,035.0 | 1.50 | -1.50 | 0.00 | |
| 6,622.0 | 4.91 | 88.55 | 6,533.0 | 26.2 | 1,036.7 | 1,037.0 | 1.50 | -1.50 | 0.00 | |
| Mesaverde | | | | | | | | | | |
| 6,700.0 | 3.74 | 88.55 | 6,610.7 | 26.4 | 1,042.5 | 1,042.9 | 1.50 | -1.50 | 0.00 | |
| 6,800.0 | 2.24 | 88.55 | 6,710.6 | 26.5 | 1,047.8 | 1,048.1 | 1.50 | -1.50 | 0.00 | |
| 6,900.0 | 0.74 | 88.55 | 6,810.6 | 26.6 | 1,050.4 | 1,050.7 | 1.50 | -1.50 | 0.00 | |
| 6,949.4 | 0.00 | 0.00 | 6,860.0 | 26.6 | 1,050.7 | 1,051.0 | 1.50 | -1.50 | 0.00 | |
| 7,000.0 | 0.00 | 0.00 | 6,910.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,100.0 | 0.00 | 0.00 | 7,010.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,200.0 | 0.00 | 0.00 | 7,110.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,300.0 | 0.00 | 0.00 | 7,210.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,400.0 | 0.00 | 0.00 | 7,310.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,500.0 | 0.00 | 0.00 | 7,410.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,600.0 | 0.00 | 0.00 | 7,510.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,700.0 | 0.00 | 0.00 | 7,610.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,743.4 | 0.00 | 0.00 | 7,654.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| Top of Gas | | | | | | | | | | |
| 7,800.0 | 0.00 | 0.00 | 7,710.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 7,900.0 | 0.00 | 0.00 | 7,810.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,000.0 | 0.00 | 0.00 | 7,910.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,100.0 | 0.00 | 0.00 | 8,010.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,200.0 | 0.00 | 0.00 | 8,110.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,300.0 | 0.00 | 0.00 | 8,210.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,400.0 | 0.00 | 0.00 | 8,310.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,500.0 | 0.00 | 0.00 | 8,410.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,600.0 | 0.00 | 0.00 | 8,510.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |
| 8,700.0 | 0.00 | 0.00 | 8,610.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 | |

N/A
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| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PRO | Local Co-ordinate Reference: | Well TR 322-24-597 - Slot A8 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Site: | TR 1-24-597 Pad | North Reference: | True |
| Well: | TR 322-24-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Planned Survey | | | | | | | | | |
|-----------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 8,800.0 | 0.00 | 0.00 | 8,710.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 0.00 | 0.00 | 8,810.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 0.00 | 0.00 | 8,910.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 0.00 | 0.00 | 9,010.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,200.0 | 0.00 | 0.00 | 9,110.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 0.00 | 0.00 | 9,210.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,400.0 | 0.00 | 0.00 | 9,310.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,406.4 | 0.00 | 0.00 | 9,317.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 9,500.0 | 0.00 | 0.00 | 9,410.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,600.0 | 0.00 | 0.00 | 9,510.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 0.00 | 0.00 | 9,610.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,707.4 | 0.00 | 0.00 | 9,618.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| RLNS | | | | | | | | | |
| 9,800.0 | 0.00 | 0.00 | 9,710.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 9,897.4 | 0.00 | 0.00 | 9,808.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| Cozette | | | | | | | | | |
| 9,900.0 | 0.00 | 0.00 | 9,810.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,000.0 | 0.00 | 0.00 | 9,910.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,100.0 | 0.00 | 0.00 | 10,010.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,126.4 | 0.00 | 0.00 | 10,037.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| Corcoran | | | | | | | | | |
| 10,200.0 | 0.00 | 0.00 | 10,110.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,289.4 | 0.00 | 0.00 | 10,200.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| Sego | | | | | | | | | |
| 10,300.0 | 0.00 | 0.00 | 10,210.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,400.0 | 0.00 | 0.00 | 10,310.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,500.0 | 0.00 | 0.00 | 10,410.6 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| 10,589.4 | 0.00 | 0.00 | 10,500.0 | 26.6 | 1,050.7 | 1,051.0 | 0.00 | 0.00 | 0.00 |
| PBHL (TR 322-24-597) | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| PBHL (TR 322-24-597) - hit/miss target - Shape - plan hits target center - Circle (radius 50.0) | 0.00 | 0.00 | 10,500.0 | 26.6 | 1,050.7 | 1,655,234.50 | 2,231,612.90 | 39° 36' 2.648 N | 108° 13' 38.369 W |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 3,240.0 | 3,200.2 | 9 5/8" | 9.625 | 14.750 | |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PRO | Local Co-ordinate Reference: | Well TR 322-24-597 - Slot A8 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8533.0ft (Original Well Elev) |
| Site: | TR 1-24-597 Pad | North Reference: | True |
| Well: | TR 322-24-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,990.0 | 2,954.0 | Wasatch | | 0.00 | | |
| 4,873.6 | 4,809.0 | Top of "G" Sand | | 0.00 | | |
| 4,900.0 | 4,835.0 | Base of "G" Sand | | 0.00 | | |
| 5,117.3 | 5,049.0 | Fort Union | | 0.00 | | |
| 6,360.1 | 6,273.0 | Ohio Creek | | 0.00 | | |
| 6,622.0 | 6,533.0 | Mesaverde | | 0.00 | | |
| 7,743.4 | 7,654.0 | Top of Gas | | 0.00 | | |
| 9,406.4 | 9,317.0 | Cameo | | 0.00 | | |
| 9,707.4 | 9,618.0 | RLNS | | 0.00 | | |
| 9,897.4 | 9,808.0 | Cozzette | | 0.00 | | |
| 10,126.4 | 10,037.0 | Corcoran | | 0.00 | | |
| 10,289.4 | 10,200.0 | Sego | | 0.00 | | |