

TEP Rocky Mountain LLC

Garfield County, CO NAD83

TR 23-22-597

TR 44-22-597 - Slot B5

OH

Plan: Plan #1

Standard Planning Report

25 July, 2017

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 44-22-597 - Slot B5 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Site: | TR 23-22-597 | North Reference: | True |
| Well: | TR 44-22-597 | 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 23-22-597 | | | |
| Site Position: | | Northing: | 1,653,700.36 ft | Latitude: | 39° 35' 44.289 N |
| From: | Map | Easting: | 2,220,890.08 ft | Longitude: | 108° 15' 54.702 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.74 ° |

| Well | TR 44-22-597 - Slot B5 | | | | | |
|----------------------|------------------------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position | +N/-S | -29.9 ft | Northing: | 1,653,670.82 ft | Latitude: | 39° 35' 43.994 N |
| | +E/-W | -10.4 ft | Easting: | 2,220,878.81 ft | Longitude: | 108° 15' 54.835 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | | Ground Level: | 8,143.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2000 | 12/31/2004 | 11.59 | 66.02 | 53,045.92773291 |

| | | | | |
|-------------------|--------------------------|---------------|---------------|------------------|
| 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 | 90.21 |

| | | | | | |
|---------------------------------|----------------------|--------------------------|------------------------------|----------------|--|
| Plan Survey Tool Program | Date | 7/25/2017 | | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks | |
| 1 | 0.0 | 9,934.3 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 | |
| 360.0 | 0.00 | 0.00 | 360.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,093.5 | 22.00 | 90.21 | 1,075.6 | -0.5 | 139.1 | 3.00 | 3.00 | 0.00 | 90.21 | |
| 5,909.6 | 22.00 | 90.21 | 5,540.9 | -7.3 | 1,943.6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,376.5 | 0.00 | 0.00 | 6,972.0 | -8.3 | 2,221.8 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 9,934.5 | 0.00 | 0.00 | 9,530.0 | -8.3 | 2,221.8 | 0.00 | 0.00 | 0.00 | 0.00 | TR_44-22-597-BHL |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 44-22-597 - Slot B5 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Site: | TR 23-22-597 | North Reference: | True |
| Well: | TR 44-22-597 | 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 |
| 360.0 | 0.00 | 0.00 | 360.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 400.0 | 1.20 | 90.21 | 400.0 | 0.0 | 0.4 | 0.4 | 3.00 | 3.00 | 0.00 |
| 500.0 | 4.20 | 90.21 | 499.9 | 0.0 | 5.1 | 5.1 | 3.00 | 3.00 | 0.00 |
| 600.0 | 7.20 | 90.21 | 599.4 | -0.1 | 15.1 | 15.1 | 3.00 | 3.00 | 0.00 |
| 700.0 | 10.20 | 90.21 | 698.2 | -0.1 | 30.2 | 30.2 | 3.00 | 3.00 | 0.00 |
| 800.0 | 13.20 | 90.21 | 796.1 | -0.2 | 50.5 | 50.5 | 3.00 | 3.00 | 0.00 |
| 900.0 | 16.20 | 90.21 | 892.8 | -0.3 | 75.8 | 75.8 | 3.00 | 3.00 | 0.00 |
| 1,000.0 | 19.20 | 90.21 | 988.1 | -0.4 | 106.2 | 106.2 | 3.00 | 3.00 | 0.00 |
| 1,093.5 | 22.00 | 90.21 | 1,075.6 | -0.5 | 139.1 | 139.1 | 3.00 | 3.00 | 0.00 |
| 1,100.0 | 22.00 | 90.21 | 1,081.6 | -0.5 | 141.6 | 141.6 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 22.00 | 90.21 | 1,174.3 | -0.7 | 179.0 | 179.0 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 22.00 | 90.21 | 1,267.1 | -0.8 | 216.5 | 216.5 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 22.00 | 90.21 | 1,359.8 | -0.9 | 254.0 | 254.0 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 22.00 | 90.21 | 1,452.5 | -1.1 | 291.4 | 291.4 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 22.00 | 90.21 | 1,545.2 | -1.2 | 328.9 | 328.9 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 22.00 | 90.21 | 1,637.9 | -1.4 | 366.4 | 366.4 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 22.00 | 90.21 | 1,730.6 | -1.5 | 403.8 | 403.8 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 22.00 | 90.21 | 1,823.4 | -1.6 | 441.3 | 441.3 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 22.00 | 90.21 | 1,916.1 | -1.8 | 478.8 | 478.8 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 22.00 | 90.21 | 2,008.8 | -1.9 | 516.2 | 516.2 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 22.00 | 90.21 | 2,101.5 | -2.1 | 553.7 | 553.7 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 22.00 | 90.21 | 2,194.2 | -2.2 | 591.2 | 591.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 22.00 | 90.21 | 2,286.9 | -2.4 | 628.6 | 628.6 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 22.00 | 90.21 | 2,379.7 | -2.5 | 666.1 | 666.1 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 22.00 | 90.21 | 2,472.4 | -2.6 | 703.6 | 703.6 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 22.00 | 90.21 | 2,565.1 | -2.8 | 741.0 | 741.0 | 0.00 | 0.00 | 0.00 |
| 2,736.6 | 22.00 | 90.21 | 2,599.0 | -2.8 | 754.7 | 754.7 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,800.0 | 22.00 | 90.21 | 2,657.8 | -2.9 | 778.5 | 778.5 | 0.00 | 0.00 | 0.00 |
| 2,836.0 | 22.00 | 90.21 | 2,691.2 | -3.0 | 792.0 | 792.0 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 2,900.0 | 22.00 | 90.21 | 2,750.5 | -3.1 | 816.0 | 816.0 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 22.00 | 90.21 | 2,843.2 | -3.2 | 853.4 | 853.4 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 22.00 | 90.21 | 2,936.0 | -3.3 | 890.9 | 890.9 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 22.00 | 90.21 | 3,028.7 | -3.5 | 928.4 | 928.4 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 22.00 | 90.21 | 3,121.4 | -3.6 | 965.8 | 965.8 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 22.00 | 90.21 | 3,214.1 | -3.8 | 1,003.3 | 1,003.3 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 22.00 | 90.21 | 3,306.8 | -3.9 | 1,040.8 | 1,040.8 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 22.00 | 90.21 | 3,399.5 | -4.0 | 1,078.2 | 1,078.2 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 22.00 | 90.21 | 3,492.2 | -4.2 | 1,115.7 | 1,115.7 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 22.00 | 90.21 | 3,585.0 | -4.3 | 1,153.2 | 1,153.2 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 22.00 | 90.21 | 3,677.7 | -4.5 | 1,190.6 | 1,190.6 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 22.00 | 90.21 | 3,770.4 | -4.6 | 1,228.1 | 1,228.1 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 22.00 | 90.21 | 3,863.1 | -4.7 | 1,265.6 | 1,265.6 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 22.00 | 90.21 | 3,955.8 | -4.9 | 1,303.0 | 1,303.0 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 22.00 | 90.21 | 4,048.5 | -5.0 | 1,340.5 | 1,340.5 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 22.00 | 90.21 | 4,141.3 | -5.2 | 1,378.0 | 1,378.0 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 22.00 | 90.21 | 4,234.0 | -5.3 | 1,415.4 | 1,415.4 | 0.00 | 0.00 | 0.00 |
| 4,558.3 | 22.00 | 90.21 | 4,288.0 | -5.4 | 1,437.3 | 1,437.3 | 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) |
| G Sand | | | | | | | | | |
| 4,583.1 | 22.00 | 90.21 | 4,311.0 | -5.4 | 1,446.6 | 1,446.6 | 0.00 | 0.00 | 0.00 |
| G Sand Base | | | | | | | | | |
| 4,600.0 | 22.00 | 90.21 | 4,326.7 | -5.4 | 1,452.9 | 1,452.9 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 22.00 | 90.21 | 4,419.4 | -5.6 | 1,490.4 | 1,490.4 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 22.00 | 90.21 | 4,512.1 | -5.7 | 1,527.8 | 1,527.8 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 22.00 | 90.21 | 4,604.8 | -5.9 | 1,565.3 | 1,565.3 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 22.00 | 90.21 | 4,697.6 | -6.0 | 1,602.8 | 1,602.8 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 22.00 | 90.21 | 4,790.3 | -6.1 | 1,640.2 | 1,640.2 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 22.00 | 90.21 | 4,883.0 | -6.3 | 1,677.7 | 1,677.7 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 22.00 | 90.21 | 4,975.7 | -6.4 | 1,715.2 | 1,715.2 | 0.00 | 0.00 | 0.00 |
| 5,398.5 | 22.00 | 90.21 | 5,067.0 | -6.6 | 1,752.1 | 1,752.1 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 5,400.0 | 22.00 | 90.21 | 5,068.4 | -6.6 | 1,752.6 | 1,752.6 | 0.00 | 0.00 | 0.00 |
| 5,500.0 | 22.00 | 90.21 | 5,161.1 | -6.7 | 1,790.1 | 1,790.1 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 22.00 | 90.21 | 5,253.9 | -6.8 | 1,827.6 | 1,827.6 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 22.00 | 90.21 | 5,346.6 | -7.0 | 1,865.0 | 1,865.0 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 22.00 | 90.21 | 5,439.3 | -7.1 | 1,902.5 | 1,902.5 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 22.00 | 90.21 | 5,532.0 | -7.3 | 1,940.0 | 1,940.0 | 0.00 | 0.00 | 0.00 |
| 5,909.6 | 22.00 | 90.21 | 5,540.9 | -7.3 | 1,943.6 | 1,943.6 | 0.00 | 0.00 | 0.00 |
| 6,000.0 | 20.65 | 90.21 | 5,625.1 | -7.4 | 1,976.4 | 1,976.5 | 1.50 | -1.50 | 0.00 |
| 6,028.7 | 20.22 | 90.21 | 5,652.0 | -7.4 | 1,986.5 | 1,986.5 | 1.50 | -1.50 | 0.00 |
| Ohio Creek | | | | | | | | | |
| 6,100.0 | 19.15 | 90.21 | 5,719.1 | -7.5 | 2,010.5 | 2,010.5 | 1.50 | -1.50 | 0.00 |
| 6,200.0 | 17.65 | 90.21 | 5,814.0 | -7.6 | 2,042.0 | 2,042.0 | 1.50 | -1.50 | 0.00 |
| 6,265.9 | 16.66 | 90.21 | 5,877.0 | -7.7 | 2,061.5 | 2,061.5 | 1.50 | -1.50 | 0.00 |
| Upper MVRD | | | | | | | | | |
| 6,300.0 | 16.15 | 90.21 | 5,909.7 | -7.7 | 2,071.1 | 2,071.1 | 1.50 | -1.50 | 0.00 |
| 6,400.0 | 14.65 | 90.21 | 6,006.1 | -7.8 | 2,097.6 | 2,097.7 | 1.50 | -1.50 | 0.00 |
| 6,500.0 | 13.15 | 90.21 | 6,103.2 | -7.9 | 2,121.7 | 2,121.7 | 1.50 | -1.50 | 0.00 |
| 6,600.0 | 11.65 | 90.21 | 6,200.8 | -8.0 | 2,143.1 | 2,143.1 | 1.50 | -1.50 | 0.00 |
| 6,700.0 | 10.15 | 90.21 | 6,299.0 | -8.1 | 2,162.0 | 2,162.0 | 1.50 | -1.50 | 0.00 |
| 6,800.0 | 8.65 | 90.21 | 6,397.7 | -8.1 | 2,178.4 | 2,178.4 | 1.50 | -1.50 | 0.00 |
| 6,900.0 | 7.15 | 90.21 | 6,496.7 | -8.2 | 2,192.1 | 2,192.1 | 1.50 | -1.50 | 0.00 |
| 7,000.0 | 5.65 | 90.21 | 6,596.1 | -8.2 | 2,203.2 | 2,203.3 | 1.50 | -1.50 | 0.00 |
| 7,100.0 | 4.15 | 90.21 | 6,695.8 | -8.3 | 2,211.8 | 2,211.8 | 1.50 | -1.50 | 0.00 |
| 7,189.4 | 2.81 | 90.21 | 6,785.0 | -8.3 | 2,217.2 | 2,217.2 | 1.50 | -1.50 | 0.00 |
| Top Gas | | | | | | | | | |
| 7,200.0 | 2.65 | 90.21 | 6,795.6 | -8.3 | 2,217.7 | 2,217.7 | 1.50 | -1.50 | 0.00 |
| 7,300.0 | 1.15 | 90.21 | 6,895.5 | -8.3 | 2,221.0 | 2,221.0 | 1.50 | -1.50 | 0.00 |
| 7,376.5 | 0.00 | 0.00 | 6,972.0 | -8.3 | 2,221.8 | 2,221.8 | 1.50 | -1.50 | 0.00 |
| 7,400.0 | 0.00 | 0.00 | 6,995.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 0.00 | 0.00 | 7,095.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 0.00 | 0.00 | 7,195.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 0.00 | 0.00 | 7,295.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 0.00 | 0.00 | 7,395.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 0.00 | 0.00 | 7,495.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 0.00 | 0.00 | 7,595.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 0.00 | 0.00 | 7,695.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 0.00 | 0.00 | 7,795.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 7,895.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 0.00 | 0.00 | 7,995.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 0.00 | 0.00 | 8,095.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 44-22-597 - Slot B5 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Site: | TR 23-22-597 | North Reference: | True |
| Well: | TR 44-22-597 | 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) |
| 8,600.0 | 0.00 | 0.00 | 8,195.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 0.00 | 0.00 | 8,295.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,796.5 | 0.00 | 0.00 | 8,392.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 8,800.0 | 0.00 | 0.00 | 8,395.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 0.00 | 0.00 | 8,495.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 0.00 | 0.00 | 8,595.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 0.00 | 0.00 | 8,695.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,145.5 | 0.00 | 0.00 | 8,741.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 9,200.0 | 0.00 | 0.00 | 8,795.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 0.00 | 0.00 | 8,895.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,326.5 | 0.00 | 0.00 | 8,922.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| Cozzette | | | | | | | | | |
| 9,400.0 | 0.00 | 0.00 | 8,995.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 0.00 | 0.00 | 9,095.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,555.5 | 0.00 | 0.00 | 9,151.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| Corcoran | | | | | | | | | |
| 9,600.0 | 0.00 | 0.00 | 9,195.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 0.00 | 0.00 | 9,295.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,734.5 | 0.00 | 0.00 | 9,330.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| Sego | | | | | | | | | |
| 9,800.0 | 0.00 | 0.00 | 9,395.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 0.00 | 0.00 | 9,495.5 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| 9,934.5 | 0.00 | 0.00 | 9,530.0 | -8.3 | 2,221.8 | 2,221.8 | 0.00 | 0.00 | 0.00 |
| TR_44-22-597-BHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| TR_44-22-597-BHL | 0.00 | 0.00 | 9,530.0 | -8.3 | 2,221.8 | 1,653,594.90 | 2,223,099.31 | 39° 35' 43.911 N | 108° 15' 26.451 W |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 2,836.0 | 2,691.2 | 9 5/8" | 9.625 | 14.750 | |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 44-22-597 - Slot B5 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Project: | Garfield County, CO NAD83 | MD Reference: | WELL @ 8167.0ft (Original Well Elev) |
| Site: | TR 23-22-597 | North Reference: | True |
| Well: | TR 44-22-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|-------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,736.6 | 2,599.0 | Wasatch | | 0.00 | | |
| 4,558.3 | 4,288.0 | G Sand | | 0.00 | | |
| 4,583.1 | 4,311.0 | G Sand Base | | 0.00 | | |
| 5,398.5 | 5,067.0 | Fort Union | | 0.00 | | |
| 6,028.7 | 5,652.0 | Ohio Creek | | 0.00 | | |
| 6,265.9 | 5,877.0 | Upper MVRD | | 0.00 | | |
| 7,189.4 | 6,785.0 | Top Gas | | 0.00 | | |
| 8,796.5 | 8,392.0 | Cameo | | 0.00 | | |
| 9,145.5 | 8,741.0 | Rollins | | 0.00 | | |
| 9,326.5 | 8,922.0 | Cozzette | | 0.00 | | |
| 9,555.5 | 9,151.0 | Corcoran | | 0.00 | | |
| 9,734.5 | 9,330.0 | Sego | | 0.00 | | |