

TEP Rocky Mountain LLC

Garfield County, CO NAD83

TR 23-22-597

TR 544-22-597 - Slot B9

OH

Plan: Plan #1

Standard Planning Report

25 July, 2017

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 544-22-597 - Slot B9 |
| 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 544-22-597 | 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 | | |

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|-----------------------|--------------|--------------|-----------------|-------------------|-------------------|
| 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 544-22-597 - Slot B9 | | | | | |
| Well Position | +N/-S | -53.6 ft | Northing: | 1,653,647.64 ft | Latitude: | 39° 35' 43.759 N |
| | +E/-W | -28.6 ft | Easting: | 2,220,859.85 ft | Longitude: | 108° 15' 55.068 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 | 53,045.88274263 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 112.13 |

| | | | | |
|---------------------------------|----------------------|--------------------------|------------------------------|----------------|
| Plan Survey Tool Program | Date | 7/25/2017 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.0 | 9,977.1 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 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,100.0 | 24.00 | 112.13 | 1,076.8 | -62.2 | 153.0 | 3.00 | 3.00 | 0.00 | 112.13 | |
| 5,837.1 | 24.00 | 112.13 | 5,404.3 | -788.2 | 1,937.8 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,437.1 | 0.00 | 0.00 | 6,958.0 | -912.6 | 2,243.7 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 9,977.1 | 0.00 | 0.00 | 9,498.0 | -912.6 | 2,243.7 | 0.00 | 0.00 | 0.00 | 0.00 | TR_544-22-597-BHL |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 544-22-597 - Slot B9 |
| 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 544-22-597 | 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 |
| 400.0 | 3.00 | 112.13 | 400.0 | -1.0 | 2.4 | 2.6 | 3.00 | 3.00 | 0.00 |
| 500.0 | 6.00 | 112.13 | 499.6 | -3.9 | 9.7 | 10.5 | 3.00 | 3.00 | 0.00 |
| 600.0 | 9.00 | 112.13 | 598.8 | -8.9 | 21.8 | 23.5 | 3.00 | 3.00 | 0.00 |
| 700.0 | 12.00 | 112.13 | 697.1 | -15.7 | 38.7 | 41.7 | 3.00 | 3.00 | 0.00 |
| 800.0 | 15.00 | 112.13 | 794.3 | -24.5 | 60.3 | 65.1 | 3.00 | 3.00 | 0.00 |
| 900.0 | 18.00 | 112.13 | 890.2 | -35.2 | 86.6 | 93.5 | 3.00 | 3.00 | 0.00 |
| 1,000.0 | 21.00 | 112.13 | 984.4 | -47.8 | 117.5 | 126.9 | 3.00 | 3.00 | 0.00 |
| 1,100.0 | 24.00 | 112.13 | 1,076.8 | -62.2 | 153.0 | 165.1 | 3.00 | 3.00 | 0.00 |
| 1,200.0 | 24.00 | 112.13 | 1,168.2 | -77.5 | 190.6 | 205.8 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 24.00 | 112.13 | 1,259.5 | -92.9 | 228.3 | 246.5 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 24.00 | 112.13 | 1,350.9 | -108.2 | 266.0 | 287.1 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 24.00 | 112.13 | 1,442.2 | -123.5 | 303.7 | 327.8 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 24.00 | 112.13 | 1,533.6 | -138.8 | 341.3 | 368.5 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 24.00 | 112.13 | 1,624.9 | -154.2 | 379.0 | 409.2 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 24.00 | 112.13 | 1,716.3 | -169.5 | 416.7 | 449.8 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 24.00 | 112.13 | 1,807.6 | -184.8 | 454.4 | 490.5 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 24.00 | 112.13 | 1,899.0 | -200.1 | 492.0 | 531.2 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 24.00 | 112.13 | 1,990.4 | -215.5 | 529.7 | 571.9 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 24.00 | 112.13 | 2,081.7 | -230.8 | 567.4 | 612.5 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 24.00 | 112.13 | 2,173.1 | -246.1 | 605.1 | 653.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 24.00 | 112.13 | 2,264.4 | -261.4 | 642.8 | 693.9 | 0.00 | 0.00 | 0.00 |
| 2,500.0 | 24.00 | 112.13 | 2,355.8 | -276.8 | 680.4 | 734.6 | 0.00 | 0.00 | 0.00 |
| 2,600.0 | 24.00 | 112.13 | 2,447.1 | -292.1 | 718.1 | 775.2 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 24.00 | 112.13 | 2,538.5 | -307.4 | 755.8 | 815.9 | 0.00 | 0.00 | 0.00 |
| 2,731.2 | 24.00 | 112.13 | 2,567.0 | -312.2 | 767.5 | 828.6 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,800.0 | 24.00 | 112.13 | 2,629.8 | -322.7 | 793.5 | 856.6 | 0.00 | 0.00 | 0.00 |
| 2,831.0 | 24.00 | 112.13 | 2,658.2 | -327.5 | 805.1 | 869.2 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 2,900.0 | 24.00 | 112.13 | 2,721.2 | -338.1 | 831.1 | 897.3 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 24.00 | 112.13 | 2,812.5 | -353.4 | 868.8 | 937.9 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 24.00 | 112.13 | 2,903.9 | -368.7 | 906.5 | 978.6 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 24.00 | 112.13 | 2,995.3 | -384.0 | 944.2 | 1,019.3 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 24.00 | 112.13 | 3,086.6 | -399.4 | 981.8 | 1,060.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 24.00 | 112.13 | 3,178.0 | -414.7 | 1,019.5 | 1,100.6 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 24.00 | 112.13 | 3,269.3 | -430.0 | 1,057.2 | 1,141.3 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 24.00 | 112.13 | 3,360.7 | -445.3 | 1,094.9 | 1,182.0 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 24.00 | 112.13 | 3,452.0 | -460.7 | 1,132.6 | 1,222.7 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 24.00 | 112.13 | 3,543.4 | -476.0 | 1,170.2 | 1,263.3 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 24.00 | 112.13 | 3,634.7 | -491.3 | 1,207.9 | 1,304.0 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 24.00 | 112.13 | 3,726.1 | -506.6 | 1,245.6 | 1,344.7 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 24.00 | 112.13 | 3,817.4 | -522.0 | 1,283.3 | 1,385.4 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 24.00 | 112.13 | 3,908.8 | -537.3 | 1,320.9 | 1,426.0 | 0.00 | 0.00 | 0.00 |
| 4,300.0 | 24.00 | 112.13 | 4,000.2 | -552.6 | 1,358.6 | 1,466.7 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 24.00 | 112.13 | 4,091.5 | -567.9 | 1,396.3 | 1,507.4 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 24.00 | 112.13 | 4,182.9 | -583.2 | 1,434.0 | 1,548.1 | 0.00 | 0.00 | 0.00 |
| 4,580.1 | 24.00 | 112.13 | 4,256.0 | -595.5 | 1,464.1 | 1,580.6 | 0.00 | 0.00 | 0.00 |
| G Sand | | | | | | | | | |
| 4,600.0 | 24.00 | 112.13 | 4,274.2 | -598.6 | 1,471.7 | 1,588.7 | 0.00 | 0.00 | 0.00 |

N/A
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| Well: | TR 544-22-597 | 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) |
| 4,605.2 | 24.00 | 112.13 | 4,279.0 | -599.4 | 1,473.6 | 1,590.9 | 0.00 | 0.00 | 0.00 |
| G Sand Base | | | | | | | | | |
| 4,700.0 | 24.00 | 112.13 | 4,365.6 | -613.9 | 1,509.3 | 1,629.4 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 24.00 | 112.13 | 4,456.9 | -629.2 | 1,547.0 | 1,670.1 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 24.00 | 112.13 | 4,548.3 | -644.5 | 1,584.7 | 1,710.8 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 24.00 | 112.13 | 4,639.6 | -659.9 | 1,622.4 | 1,751.4 | 0.00 | 0.00 | 0.00 |
| 5,100.0 | 24.00 | 112.13 | 4,731.0 | -675.2 | 1,660.0 | 1,792.1 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 24.00 | 112.13 | 4,822.3 | -690.5 | 1,697.7 | 1,832.8 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 24.00 | 112.13 | 4,913.7 | -705.8 | 1,735.4 | 1,873.4 | 0.00 | 0.00 | 0.00 |
| 5,400.0 | 24.00 | 112.13 | 5,005.0 | -721.2 | 1,773.1 | 1,914.1 | 0.00 | 0.00 | 0.00 |
| 5,429.5 | 24.00 | 112.13 | 5,032.0 | -725.7 | 1,784.2 | 1,926.1 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 5,500.0 | 24.00 | 112.13 | 5,096.4 | -736.5 | 1,810.7 | 1,954.8 | 0.00 | 0.00 | 0.00 |
| 5,600.0 | 24.00 | 112.13 | 5,187.8 | -751.8 | 1,848.4 | 1,995.5 | 0.00 | 0.00 | 0.00 |
| 5,700.0 | 24.00 | 112.13 | 5,279.1 | -767.1 | 1,886.1 | 2,036.1 | 0.00 | 0.00 | 0.00 |
| 5,800.0 | 24.00 | 112.13 | 5,370.5 | -782.5 | 1,923.8 | 2,076.8 | 0.00 | 0.00 | 0.00 |
| 5,837.1 | 24.00 | 112.13 | 5,404.3 | -788.2 | 1,937.8 | 2,091.9 | 0.00 | 0.00 | 0.00 |
| 5,900.0 | 23.06 | 112.13 | 5,462.0 | -797.6 | 1,961.0 | 2,117.0 | 1.50 | -1.50 | 0.00 |
| 6,000.0 | 21.56 | 112.13 | 5,554.5 | -811.9 | 1,996.2 | 2,155.0 | 1.50 | -1.50 | 0.00 |
| 6,070.1 | 20.50 | 112.13 | 5,620.0 | -821.4 | 2,019.5 | 2,180.1 | 1.50 | -1.50 | 0.00 |
| Ohio Creek | | | | | | | | | |
| 6,100.0 | 20.06 | 112.13 | 5,648.0 | -825.3 | 2,029.1 | 2,190.5 | 1.50 | -1.50 | 0.00 |
| 6,200.0 | 18.56 | 112.13 | 5,742.4 | -837.8 | 2,059.7 | 2,223.6 | 1.50 | -1.50 | 0.00 |
| 6,300.0 | 17.06 | 112.13 | 5,837.6 | -849.3 | 2,088.0 | 2,254.1 | 1.50 | -1.50 | 0.00 |
| 6,307.8 | 16.94 | 112.13 | 5,845.0 | -850.1 | 2,090.1 | 2,256.4 | 1.50 | -1.50 | 0.00 |
| Upper MVRD | | | | | | | | | |
| 6,400.0 | 15.56 | 112.13 | 5,933.6 | -859.9 | 2,114.0 | 2,282.2 | 1.50 | -1.50 | 0.00 |
| 6,500.0 | 14.06 | 112.13 | 6,030.3 | -869.5 | 2,137.7 | 2,307.8 | 1.50 | -1.50 | 0.00 |
| 6,600.0 | 12.56 | 112.13 | 6,127.6 | -878.2 | 2,159.0 | 2,330.8 | 1.50 | -1.50 | 0.00 |
| 6,700.0 | 11.06 | 112.13 | 6,225.4 | -885.9 | 2,178.0 | 2,351.2 | 1.50 | -1.50 | 0.00 |
| 6,800.0 | 9.56 | 112.13 | 6,323.8 | -892.6 | 2,194.6 | 2,369.1 | 1.50 | -1.50 | 0.00 |
| 6,900.0 | 8.06 | 112.13 | 6,422.6 | -898.4 | 2,208.7 | 2,384.5 | 1.50 | -1.50 | 0.00 |
| 7,000.0 | 6.56 | 112.13 | 6,521.8 | -903.2 | 2,220.5 | 2,397.2 | 1.50 | -1.50 | 0.00 |
| 7,100.0 | 5.06 | 112.13 | 6,621.3 | -907.0 | 2,229.9 | 2,407.3 | 1.50 | -1.50 | 0.00 |
| 7,200.0 | 3.56 | 112.13 | 6,721.0 | -909.8 | 2,236.8 | 2,414.8 | 1.50 | -1.50 | 0.00 |
| 7,232.0 | 3.08 | 112.13 | 6,753.0 | -910.5 | 2,238.6 | 2,416.6 | 1.50 | -1.50 | 0.00 |
| Top Gas | | | | | | | | | |
| 7,300.0 | 2.06 | 112.13 | 6,820.9 | -911.7 | 2,241.4 | 2,419.7 | 1.50 | -1.50 | 0.00 |
| 7,400.0 | 0.56 | 112.13 | 6,920.9 | -912.5 | 2,243.5 | 2,422.0 | 1.50 | -1.50 | 0.00 |
| 7,437.1 | 0.00 | 0.00 | 6,958.0 | -912.6 | 2,243.7 | 2,422.2 | 1.50 | -1.50 | 0.00 |
| 7,500.0 | 0.00 | 0.00 | 7,020.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 0.00 | 0.00 | 7,120.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 0.00 | 0.00 | 7,220.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 0.00 | 0.00 | 7,320.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 0.00 | 0.00 | 7,420.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 0.00 | 0.00 | 7,520.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 0.00 | 0.00 | 7,620.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 0.00 | 0.00 | 7,720.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 7,820.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,400.0 | 0.00 | 0.00 | 7,920.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 0.00 | 0.00 | 8,020.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 0.00 | 0.00 | 8,120.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 0.00 | 0.00 | 8,220.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 8,800.0 | 0.00 | 0.00 | 8,320.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 544-22-597 - Slot B9 |
| 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 544-22-597 | 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) |
| 8,839.1 | 0.00 | 0.00 | 8,360.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |
| 8,900.0 | 0.00 | 0.00 | 8,420.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,000.0 | 0.00 | 0.00 | 8,520.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 0.00 | 0.00 | 8,620.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,188.1 | 0.00 | 0.00 | 8,709.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 9,200.0 | 0.00 | 0.00 | 8,720.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 0.00 | 0.00 | 8,820.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,369.1 | 0.00 | 0.00 | 8,890.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| Cozzette | | | | | | | | | |
| 9,400.0 | 0.00 | 0.00 | 8,920.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 0.00 | 0.00 | 9,020.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,598.1 | 0.00 | 0.00 | 9,119.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| Corcoran | | | | | | | | | |
| 9,600.0 | 0.00 | 0.00 | 9,120.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,700.0 | 0.00 | 0.00 | 9,220.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,777.1 | 0.00 | 0.00 | 9,298.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| Sego | | | | | | | | | |
| 9,800.0 | 0.00 | 0.00 | 9,320.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,900.0 | 0.00 | 0.00 | 9,420.9 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| 9,977.1 | 0.00 | 0.00 | 9,498.0 | -912.6 | 2,243.7 | 2,422.2 | 0.00 | 0.00 | 0.00 |
| TR_544-22-597-BHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|-------------------------------------------------------------------------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|-------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| TR_544-22-597-BHL - hit/miss target - Shape - plan hits target center - Point | 0.00 | 0.00 | 9,498.0 | -912.6 | 2,243.7 | 1,652,667.20 | 2,223,074.70 | 39° 35' 34.739 N | 108° 15' 26.406 W |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 2,831.0 | 2,658.2 | 9 5/8" | 9.625 | 14.750 | |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 544-22-597 - Slot B9 |
| 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 544-22-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|-------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,731.2 | 2,567.0 | Wasatch | | 0.00 | | |
| 4,580.1 | 4,256.0 | G Sand | | 0.00 | | |
| 4,605.2 | 4,279.0 | G Sand Base | | 0.00 | | |
| 5,429.5 | 5,032.0 | Fort Union | | 0.00 | | |
| 6,070.1 | 5,620.0 | Ohio Creek | | 0.00 | | |
| 6,307.8 | 5,845.0 | Upper MVRD | | 0.00 | | |
| 7,232.0 | 6,753.0 | Top Gas | | 0.00 | | |
| 8,839.1 | 8,360.0 | Cameo | | 0.00 | | |
| 9,188.1 | 8,709.0 | Rollins | | 0.00 | | |
| 9,369.1 | 8,890.0 | Cozzette | | 0.00 | | |
| 9,598.1 | 9,119.0 | Corcoran | | 0.00 | | |
| 9,777.1 | 9,298.0 | Sego | | 0.00 | | |