

TEP Rocky Mountain LLC

Garfield County, CO NAD83

TR 23-22-597

TR 624-22-597 - Slot B10

OH

Plan: Plan #1

Standard Planning Report

25 July, 2017

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 624-22-597 - Slot B10 |
| 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 624-22-597 | 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 624-22-597 - Slot B10 | | | | | |
|----------------------|--------------------------|----------|---------------------|-----------------|---------------|-------------------|
| Well Position | +N/-S | -59.6 ft | Northing: | 1,653,641.77 ft | Latitude: | 39° 35' 43.700 N |
| | +E/-W | -33.2 ft | Easting: | 2,220,855.10 ft | Longitude: | 108° 15' 55.126 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 | 53,045.87137815 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 197.20 |

| | | | | |
|---------------------------------|----------------------|--------------------------|------------------------------|----------------|
| Plan Survey Tool Program | Date | 7/25/2017 | | |
| Depth From (ft) | Depth To (ft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.0 | 9,511.8 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 | |
| 250.0 | 0.00 | 0.00 | 250.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 750.0 | 15.00 | 197.20 | 744.3 | -62.2 | -19.2 | 3.00 | 3.00 | 0.00 | 197.20 | |
| 5,261.9 | 15.00 | 197.20 | 5,102.5 | -1,177.6 | -364.5 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 6,261.8 | 0.00 | 0.00 | 6,091.0 | -1,301.9 | -403.0 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 9,511.8 | 0.00 | 0.00 | 9,341.0 | -1,301.9 | -403.0 | 0.00 | 0.00 | 0.00 | 0.00 | TR_624-22-597-BHL |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 624-22-597 - Slot B10 |
| 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 624-22-597 | 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 |
| 250.0 | 0.00 | 0.00 | 250.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 300.0 | 1.50 | 197.20 | 300.0 | -0.6 | -0.2 | 0.7 | 3.00 | 3.00 | 0.00 |
| 400.0 | 4.50 | 197.20 | 399.8 | -5.6 | -1.7 | 5.9 | 3.00 | 3.00 | 0.00 |
| 500.0 | 7.50 | 197.20 | 499.3 | -15.6 | -4.8 | 16.3 | 3.00 | 3.00 | 0.00 |
| 600.0 | 10.50 | 197.20 | 598.0 | -30.6 | -9.5 | 32.0 | 3.00 | 3.00 | 0.00 |
| 700.0 | 13.50 | 197.20 | 695.8 | -50.4 | -15.6 | 52.8 | 3.00 | 3.00 | 0.00 |
| 750.0 | 15.00 | 197.20 | 744.3 | -62.2 | -19.2 | 65.1 | 3.00 | 3.00 | 0.00 |
| 800.0 | 15.00 | 197.20 | 792.6 | -74.5 | -23.1 | 78.0 | 0.00 | 0.00 | 0.00 |
| 900.0 | 15.00 | 197.20 | 889.2 | -99.3 | -30.7 | 103.9 | 0.00 | 0.00 | 0.00 |
| 1,000.0 | 15.00 | 197.20 | 985.8 | -124.0 | -38.4 | 129.8 | 0.00 | 0.00 | 0.00 |
| 1,100.0 | 15.00 | 197.20 | 1,082.4 | -148.7 | -46.0 | 155.7 | 0.00 | 0.00 | 0.00 |
| 1,200.0 | 15.00 | 197.20 | 1,179.0 | -173.4 | -53.7 | 181.5 | 0.00 | 0.00 | 0.00 |
| 1,300.0 | 15.00 | 197.20 | 1,275.6 | -198.1 | -61.3 | 207.4 | 0.00 | 0.00 | 0.00 |
| 1,400.0 | 15.00 | 197.20 | 1,372.2 | -222.9 | -69.0 | 233.3 | 0.00 | 0.00 | 0.00 |
| 1,500.0 | 15.00 | 197.20 | 1,468.8 | -247.6 | -76.6 | 259.2 | 0.00 | 0.00 | 0.00 |
| 1,600.0 | 15.00 | 197.20 | 1,565.4 | -272.3 | -84.3 | 285.1 | 0.00 | 0.00 | 0.00 |
| 1,700.0 | 15.00 | 197.20 | 1,661.9 | -297.0 | -91.9 | 310.9 | 0.00 | 0.00 | 0.00 |
| 1,800.0 | 15.00 | 197.20 | 1,758.5 | -321.8 | -99.6 | 336.8 | 0.00 | 0.00 | 0.00 |
| 1,900.0 | 15.00 | 197.20 | 1,855.1 | -346.5 | -107.2 | 362.7 | 0.00 | 0.00 | 0.00 |
| 2,000.0 | 15.00 | 197.20 | 1,951.7 | -371.2 | -114.9 | 388.6 | 0.00 | 0.00 | 0.00 |
| 2,100.0 | 15.00 | 197.20 | 2,048.3 | -395.9 | -122.5 | 414.5 | 0.00 | 0.00 | 0.00 |
| 2,200.0 | 15.00 | 197.20 | 2,144.9 | -420.6 | -130.2 | 440.3 | 0.00 | 0.00 | 0.00 |
| 2,300.0 | 15.00 | 197.20 | 2,241.5 | -445.4 | -137.8 | 466.2 | 0.00 | 0.00 | 0.00 |
| 2,400.0 | 15.00 | 197.20 | 2,338.1 | -470.1 | -145.5 | 492.1 | 0.00 | 0.00 | 0.00 |
| 2,474.4 | 15.00 | 197.20 | 2,410.0 | -488.5 | -151.2 | 511.4 | 0.00 | 0.00 | 0.00 |
| Wasatch | | | | | | | | | |
| 2,500.0 | 15.00 | 197.20 | 2,434.7 | -494.8 | -153.2 | 518.0 | 0.00 | 0.00 | 0.00 |
| 2,574.0 | 15.00 | 197.20 | 2,506.2 | -513.1 | -158.8 | 537.1 | 0.00 | 0.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 2,600.0 | 15.00 | 197.20 | 2,531.3 | -519.5 | -160.8 | 543.9 | 0.00 | 0.00 | 0.00 |
| 2,700.0 | 15.00 | 197.20 | 2,627.9 | -544.3 | -168.5 | 569.7 | 0.00 | 0.00 | 0.00 |
| 2,800.0 | 15.00 | 197.20 | 2,724.5 | -569.0 | -176.1 | 595.6 | 0.00 | 0.00 | 0.00 |
| 2,900.0 | 15.00 | 197.20 | 2,821.1 | -593.7 | -183.8 | 621.5 | 0.00 | 0.00 | 0.00 |
| 3,000.0 | 15.00 | 197.20 | 2,917.7 | -618.4 | -191.4 | 647.4 | 0.00 | 0.00 | 0.00 |
| 3,100.0 | 15.00 | 197.20 | 3,014.3 | -643.2 | -199.1 | 673.3 | 0.00 | 0.00 | 0.00 |
| 3,200.0 | 15.00 | 197.20 | 3,110.8 | -667.9 | -206.7 | 699.1 | 0.00 | 0.00 | 0.00 |
| 3,300.0 | 15.00 | 197.20 | 3,207.4 | -692.6 | -214.4 | 725.0 | 0.00 | 0.00 | 0.00 |
| 3,400.0 | 15.00 | 197.20 | 3,304.0 | -717.3 | -222.0 | 750.9 | 0.00 | 0.00 | 0.00 |
| 3,500.0 | 15.00 | 197.20 | 3,400.6 | -742.0 | -229.7 | 776.8 | 0.00 | 0.00 | 0.00 |
| 3,600.0 | 15.00 | 197.20 | 3,497.2 | -766.8 | -237.3 | 802.7 | 0.00 | 0.00 | 0.00 |
| 3,700.0 | 15.00 | 197.20 | 3,593.8 | -791.5 | -245.0 | 828.5 | 0.00 | 0.00 | 0.00 |
| 3,800.0 | 15.00 | 197.20 | 3,690.4 | -816.2 | -252.6 | 854.4 | 0.00 | 0.00 | 0.00 |
| 3,900.0 | 15.00 | 197.20 | 3,787.0 | -840.9 | -260.3 | 880.3 | 0.00 | 0.00 | 0.00 |
| 4,000.0 | 15.00 | 197.20 | 3,883.6 | -865.7 | -267.9 | 906.2 | 0.00 | 0.00 | 0.00 |
| 4,100.0 | 15.00 | 197.20 | 3,980.2 | -890.4 | -275.6 | 932.1 | 0.00 | 0.00 | 0.00 |
| 4,200.0 | 15.00 | 197.20 | 4,076.8 | -915.1 | -283.2 | 957.9 | 0.00 | 0.00 | 0.00 |
| 4,223.0 | 15.00 | 197.20 | 4,099.0 | -920.8 | -285.0 | 963.9 | 0.00 | 0.00 | 0.00 |
| G Sand | | | | | | | | | |
| 4,246.8 | 15.00 | 197.20 | 4,122.0 | -926.7 | -286.8 | 970.1 | 0.00 | 0.00 | 0.00 |
| G Sand Base | | | | | | | | | |

N/A
Planning Report

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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) |
| 4,300.0 | 15.00 | 197.20 | 4,173.4 | -939.8 | -290.9 | 983.8 | 0.00 | 0.00 | 0.00 |
| 4,400.0 | 15.00 | 197.20 | 4,270.0 | -964.5 | -298.5 | 1,009.7 | 0.00 | 0.00 | 0.00 |
| 4,500.0 | 15.00 | 197.20 | 4,366.6 | -989.3 | -306.2 | 1,035.6 | 0.00 | 0.00 | 0.00 |
| 4,600.0 | 15.00 | 197.20 | 4,463.2 | -1,014.0 | -313.8 | 1,061.5 | 0.00 | 0.00 | 0.00 |
| 4,700.0 | 15.00 | 197.20 | 4,559.7 | -1,038.7 | -321.5 | 1,087.3 | 0.00 | 0.00 | 0.00 |
| 4,800.0 | 15.00 | 197.20 | 4,656.3 | -1,063.4 | -329.2 | 1,113.2 | 0.00 | 0.00 | 0.00 |
| 4,900.0 | 15.00 | 197.20 | 4,752.9 | -1,088.2 | -336.8 | 1,139.1 | 0.00 | 0.00 | 0.00 |
| 5,000.0 | 15.00 | 197.20 | 4,849.5 | -1,112.9 | -344.5 | 1,165.0 | 0.00 | 0.00 | 0.00 |
| 5,029.5 | 15.00 | 197.20 | 4,878.0 | -1,120.2 | -346.7 | 1,172.6 | 0.00 | 0.00 | 0.00 |
| Fort Union | | | | | | | | | |
| 5,100.0 | 15.00 | 197.20 | 4,946.1 | -1,137.6 | -352.1 | 1,190.9 | 0.00 | 0.00 | 0.00 |
| 5,200.0 | 15.00 | 197.20 | 5,042.7 | -1,162.3 | -359.8 | 1,216.7 | 0.00 | 0.00 | 0.00 |
| 5,261.9 | 15.00 | 197.20 | 5,102.5 | -1,177.6 | -364.5 | 1,232.7 | 0.00 | 0.00 | 0.00 |
| 5,300.0 | 14.43 | 197.20 | 5,139.4 | -1,186.9 | -367.4 | 1,242.4 | 1.50 | -1.50 | 0.00 |
| 5,400.0 | 12.93 | 197.20 | 5,236.5 | -1,209.5 | -374.4 | 1,266.1 | 1.50 | -1.50 | 0.00 |
| 5,500.0 | 11.43 | 197.20 | 5,334.3 | -1,229.6 | -380.6 | 1,287.2 | 1.50 | -1.50 | 0.00 |
| 5,600.0 | 9.93 | 197.20 | 5,432.5 | -1,247.3 | -386.1 | 1,305.7 | 1.50 | -1.50 | 0.00 |
| 5,630.9 | 9.46 | 197.20 | 5,463.0 | -1,252.3 | -387.6 | 1,310.9 | 1.50 | -1.50 | 0.00 |
| Ohio Creek | | | | | | | | | |
| 5,700.0 | 8.43 | 197.20 | 5,531.2 | -1,262.5 | -390.8 | 1,321.6 | 1.50 | -1.50 | 0.00 |
| 5,800.0 | 6.93 | 197.20 | 5,630.3 | -1,275.3 | -394.7 | 1,335.0 | 1.50 | -1.50 | 0.00 |
| 5,858.0 | 6.06 | 197.20 | 5,688.0 | -1,281.6 | -396.7 | 1,341.6 | 1.50 | -1.50 | 0.00 |
| Upper MVRD | | | | | | | | | |
| 5,900.0 | 5.43 | 197.20 | 5,729.8 | -1,285.6 | -397.9 | 1,345.8 | 1.50 | -1.50 | 0.00 |
| 6,000.0 | 3.93 | 197.20 | 5,829.4 | -1,293.4 | -400.3 | 1,353.9 | 1.50 | -1.50 | 0.00 |
| 6,100.0 | 2.43 | 197.20 | 5,929.3 | -1,298.7 | -402.0 | 1,359.4 | 1.50 | -1.50 | 0.00 |
| 6,200.0 | 0.93 | 197.20 | 6,029.2 | -1,301.5 | -402.8 | 1,362.4 | 1.50 | -1.50 | 0.00 |
| 6,261.8 | 0.00 | 0.00 | 6,091.0 | -1,301.9 | -403.0 | 1,362.9 | 1.50 | -1.50 | 0.00 |
| 6,300.0 | 0.00 | 0.00 | 6,129.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,400.0 | 0.00 | 0.00 | 6,229.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,500.0 | 0.00 | 0.00 | 6,329.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,600.0 | 0.00 | 0.00 | 6,429.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,700.0 | 0.00 | 0.00 | 6,529.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,766.8 | 0.00 | 0.00 | 6,596.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Top Gas | | | | | | | | | |
| 6,800.0 | 0.00 | 0.00 | 6,629.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 6,900.0 | 0.00 | 0.00 | 6,729.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,000.0 | 0.00 | 0.00 | 6,829.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,100.0 | 0.00 | 0.00 | 6,929.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,200.0 | 0.00 | 0.00 | 7,029.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,300.0 | 0.00 | 0.00 | 7,129.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,400.0 | 0.00 | 0.00 | 7,229.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,500.0 | 0.00 | 0.00 | 7,329.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,600.0 | 0.00 | 0.00 | 7,429.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,700.0 | 0.00 | 0.00 | 7,529.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,800.0 | 0.00 | 0.00 | 7,629.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 7,900.0 | 0.00 | 0.00 | 7,729.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,000.0 | 0.00 | 0.00 | 7,829.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,100.0 | 0.00 | 0.00 | 7,929.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,200.0 | 0.00 | 0.00 | 8,029.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,300.0 | 0.00 | 0.00 | 8,129.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,373.8 | 0.00 | 0.00 | 8,203.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Cameo | | | | | | | | | |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 624-22-597 - Slot B10 |
| 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 624-22-597 | 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) |
| 8,400.0 | 0.00 | 0.00 | 8,229.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,500.0 | 0.00 | 0.00 | 8,329.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,600.0 | 0.00 | 0.00 | 8,429.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,700.0 | 0.00 | 0.00 | 8,529.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,722.8 | 0.00 | 0.00 | 8,552.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Rollins | | | | | | | | | |
| 8,800.0 | 0.00 | 0.00 | 8,629.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,900.0 | 0.00 | 0.00 | 8,729.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 8,903.8 | 0.00 | 0.00 | 8,733.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Cozzette | | | | | | | | | |
| 9,000.0 | 0.00 | 0.00 | 8,829.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,100.0 | 0.00 | 0.00 | 8,929.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,132.8 | 0.00 | 0.00 | 8,962.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Corcoran | | | | | | | | | |
| 9,200.0 | 0.00 | 0.00 | 9,029.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,300.0 | 0.00 | 0.00 | 9,129.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,311.8 | 0.00 | 0.00 | 9,141.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| Sego | | | | | | | | | |
| 9,400.0 | 0.00 | 0.00 | 9,229.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,500.0 | 0.00 | 0.00 | 9,329.2 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| 9,511.8 | 0.00 | 0.00 | 9,341.0 | -1,301.9 | -403.0 | 1,362.9 | 0.00 | 0.00 | 0.00 |
| TR_624-22-597-BHL | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|------------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| TR_624-22-597-BHL | 0.00 | 0.00 | 9,341.0 | -1,301.9 | -403.0 | 1,652,352.70 | 2,220,412.69 | 39° 35' 30.832 N | 108° 16' 0.274 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | | |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 2,574.0 | 2,506.2 | 9 5/8" | 9.625 | 14.750 | |

N/A
Planning Report

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| Database: | EDM_PROD | Local Co-ordinate Reference: | Well TR 624-22-597 - Slot B10 |
| 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 624-22-597 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|-------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 2,474.4 | 2,410.0 | Wasatch | | 0.00 | | |
| 4,223.0 | 4,099.0 | G Sand | | 0.00 | | |
| 4,246.8 | 4,122.0 | G Sand Base | | 0.00 | | |
| 5,029.5 | 4,878.0 | Fort Union | | 0.00 | | |
| 5,630.9 | 5,463.0 | Ohio Creek | | 0.00 | | |
| 5,858.0 | 5,688.0 | Upper MVRD | | 0.00 | | |
| 6,766.8 | 6,596.0 | Top Gas | | 0.00 | | |
| 8,373.8 | 8,203.0 | Cameo | | 0.00 | | |
| 8,722.8 | 8,552.0 | Rollins | | 0.00 | | |
| 8,903.8 | 8,733.0 | Cozzette | | 0.00 | | |
| 9,132.8 | 8,962.0 | Corcoran | | 0.00 | | |
| 9,311.8 | 9,141.0 | Sego | | 0.00 | | |