

# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**TR 1-24-597 Pad**

**TR 314-24-597 - Slot B3**

**OH**

**Plan: Plan #1**

## **Standard Planning Report**

**10 June, 2017**

**N/A**  
Planning Report

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM_PRO                   | <b>Local Co-ordinate Reference:</b> | Well TR 314-24-597 - Slot B3         |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | WELL @ 8533.0ft (Original Well Elev) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | WELL @ 8533.0ft (Original Well Elev) |
| <b>Site:</b>     | TR 1-24-597 Pad           | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | TR 314-24-597             | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OH                        |                                     |                                      |
| <b>Design:</b>   | Plan #1                   |                                     |                                      |

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

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

|                             |                         |          |                            |                 |                      |                   |
|-----------------------------|-------------------------|----------|----------------------------|-----------------|----------------------|-------------------|
| <b>Well</b>                 | TR 314-24-597 - Slot B3 |          |                            |                 |                      |                   |
| <b>Well Position</b>        | <b>+N/-S</b>            | -59.1 ft | <b>Northing:</b>           | 1,655,217.00 ft | <b>Latitude:</b>     | 39° 36' 2.153 N   |
|                             | <b>+E/-W</b>            | -46.1 ft | <b>Easting:</b>            | 2,230,530.30 ft | <b>Longitude:</b>    | 108° 13' 52.187 W |
| <b>Position Uncertainty</b> |                         | 0.0 ft   | <b>Wellhead Elevation:</b> |                 | <b>Ground Level:</b> | 8,509.0 ft        |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | OH                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2000          | 12/31/2004         | 11.57                  | 66.03                | 53,050.60382543            |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #1                      |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PLAN              | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          | 0.0                          | 0.0               | 0.0                  | 213.14               |

|                                 |                      |                          |                              |                |
|---------------------------------|----------------------|--------------------------|------------------------------|----------------|
| <b>Plan Survey Tool Program</b> | <b>Date</b>          | 6/10/2017                |                              |                |
| <b>Depth From (ft)</b>          | <b>Depth To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>             | <b>Remarks</b> |
| 1                               | 0.0                  | 10,783.1 Plan #1 (OH)    | SDI MWD                      |                |
|                                 |                      |                          | SDI MWD - Standard ver 1.0.1 |                |

| <b>Plan Sections</b> |                 |             |                     |            |            |                         |                        |                       |         |                      |
|----------------------|-----------------|-------------|---------------------|------------|------------|-------------------------|------------------------|-----------------------|---------|----------------------|
| 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    |                      |
| 1,320.1              | 23.00           | 213.14      | 1,295.6             | -152.6     | -99.6      | 2.50                    | 2.50                   | 0.00                  | 213.14  |                      |
| 6,133.6              | 23.00           | 213.14      | 5,726.4             | -1,727.5   | -1,128.0   | 0.00                    | 0.00                   | 0.00                  | 0.00    |                      |
| 7,667.1              | 0.00            | 0.00        | 7,219.0             | -1,981.8   | -1,294.0   | 1.50                    | -1.50                  | 0.00                  | 180.00  |                      |
| 10,783.1             | 0.00            | 0.00        | 10,335.0            | -1,981.8   | -1,294.0   | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL (TR 314-24-597) |

**N/A**  
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|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM_PRO                   | <b>Local Co-ordinate Reference:</b> | Well TR 314-24-597 - Slot B3         |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | WELL @ 8533.0ft (Original Well Elev) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | WELL @ 8533.0ft (Original Well Elev) |
| <b>Site:</b>     | TR 1-24-597 Pad           | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | TR 314-24-597             | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OH                        |                                     |                                      |
| <b>Design:</b>   | 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               | 2.50            | 213.14      | 500.0               | -1.8      | -1.2      | 2.2                   | 2.50                    | 2.50                   | 0.00                  |
| 600.0               | 5.00            | 213.14      | 599.7               | -7.3      | -4.8      | 8.7                   | 2.50                    | 2.50                   | 0.00                  |
| 700.0               | 7.50            | 213.14      | 699.1               | -16.4     | -10.7     | 19.6                  | 2.50                    | 2.50                   | 0.00                  |
| 800.0               | 10.00           | 213.14      | 798.0               | -29.2     | -19.0     | 34.8                  | 2.50                    | 2.50                   | 0.00                  |
| 900.0               | 12.50           | 213.14      | 896.0               | -45.5     | -29.7     | 54.3                  | 2.50                    | 2.50                   | 0.00                  |
| 1,000.0             | 15.00           | 213.14      | 993.2               | -65.4     | -42.7     | 78.1                  | 2.50                    | 2.50                   | 0.00                  |
| 1,100.0             | 17.50           | 213.14      | 1,089.2             | -88.8     | -58.0     | 106.1                 | 2.50                    | 2.50                   | 0.00                  |
| 1,200.0             | 20.00           | 213.14      | 1,183.9             | -115.7    | -75.6     | 138.2                 | 2.50                    | 2.50                   | 0.00                  |
| 1,300.0             | 22.50           | 213.14      | 1,277.0             | -146.1    | -95.4     | 174.5                 | 2.50                    | 2.50                   | 0.00                  |
| 1,320.1             | 23.00           | 213.14      | 1,295.6             | -152.6    | -99.6     | 182.2                 | 2.50                    | 2.50                   | 0.00                  |
| 1,400.0             | 23.00           | 213.14      | 1,369.1             | -178.7    | -116.7    | 213.4                 | 0.00                    | 0.00                   | 0.00                  |
| 1,500.0             | 23.00           | 213.14      | 1,461.2             | -211.4    | -138.1    | 252.5                 | 0.00                    | 0.00                   | 0.00                  |
| 1,600.0             | 23.00           | 213.14      | 1,553.2             | -244.2    | -159.4    | 291.6                 | 0.00                    | 0.00                   | 0.00                  |
| 1,700.0             | 23.00           | 213.14      | 1,645.3             | -276.9    | -180.8    | 330.7                 | 0.00                    | 0.00                   | 0.00                  |
| 1,800.0             | 23.00           | 213.14      | 1,737.3             | -309.6    | -202.2    | 369.8                 | 0.00                    | 0.00                   | 0.00                  |
| 1,900.0             | 23.00           | 213.14      | 1,829.4             | -342.3    | -223.5    | 408.8                 | 0.00                    | 0.00                   | 0.00                  |
| 2,000.0             | 23.00           | 213.14      | 1,921.4             | -375.0    | -244.9    | 447.9                 | 0.00                    | 0.00                   | 0.00                  |
| 2,100.0             | 23.00           | 213.14      | 2,013.5             | -407.8    | -266.2    | 487.0                 | 0.00                    | 0.00                   | 0.00                  |
| 2,200.0             | 23.00           | 213.14      | 2,105.5             | -440.5    | -287.6    | 526.1                 | 0.00                    | 0.00                   | 0.00                  |
| 2,300.0             | 23.00           | 213.14      | 2,197.6             | -473.2    | -309.0    | 565.1                 | 0.00                    | 0.00                   | 0.00                  |
| 2,400.0             | 23.00           | 213.14      | 2,289.6             | -505.9    | -330.3    | 604.2                 | 0.00                    | 0.00                   | 0.00                  |
| 2,500.0             | 23.00           | 213.14      | 2,381.7             | -538.6    | -351.7    | 643.3                 | 0.00                    | 0.00                   | 0.00                  |
| 2,600.0             | 23.00           | 213.14      | 2,473.7             | -571.3    | -373.1    | 682.4                 | 0.00                    | 0.00                   | 0.00                  |
| 2,700.0             | 23.00           | 213.14      | 2,565.8             | -604.1    | -394.4    | 721.4                 | 0.00                    | 0.00                   | 0.00                  |
| 2,800.0             | 23.00           | 213.14      | 2,657.8             | -636.8    | -415.8    | 760.5                 | 0.00                    | 0.00                   | 0.00                  |
| 2,900.0             | 23.00           | 213.14      | 2,749.9             | -669.5    | -437.2    | 799.6                 | 0.00                    | 0.00                   | 0.00                  |
| 2,942.5             | 23.00           | 213.14      | 2,789.0             | -683.4    | -446.2    | 816.2                 | 0.00                    | 0.00                   | 0.00                  |
| <b>Wasatch</b>      |                 |             |                     |           |           |                       |                         |                        |                       |
| 3,000.0             | 23.00           | 213.14      | 2,841.9             | -702.2    | -458.5    | 838.7                 | 0.00                    | 0.00                   | 0.00                  |
| 3,100.0             | 23.00           | 213.14      | 2,934.0             | -734.9    | -479.9    | 877.7                 | 0.00                    | 0.00                   | 0.00                  |
| 3,193.0             | 23.00           | 213.14      | 3,019.6             | -765.4    | -499.7    | 914.1                 | 0.00                    | 0.00                   | 0.00                  |
| <b>9 5/8"</b>       |                 |             |                     |           |           |                       |                         |                        |                       |
| 3,200.0             | 23.00           | 213.14      | 3,026.0             | -767.7    | -501.2    | 916.8                 | 0.00                    | 0.00                   | 0.00                  |
| 3,300.0             | 23.00           | 213.14      | 3,118.1             | -800.4    | -522.6    | 955.9                 | 0.00                    | 0.00                   | 0.00                  |
| 3,400.0             | 23.00           | 213.14      | 3,210.1             | -833.1    | -544.0    | 995.0                 | 0.00                    | 0.00                   | 0.00                  |
| 3,500.0             | 23.00           | 213.14      | 3,302.2             | -865.8    | -565.3    | 1,034.0               | 0.00                    | 0.00                   | 0.00                  |
| 3,600.0             | 23.00           | 213.14      | 3,394.2             | -898.5    | -586.7    | 1,073.1               | 0.00                    | 0.00                   | 0.00                  |
| 3,700.0             | 23.00           | 213.14      | 3,486.3             | -931.3    | -608.1    | 1,112.2               | 0.00                    | 0.00                   | 0.00                  |
| 3,800.0             | 23.00           | 213.14      | 3,578.3             | -964.0    | -629.4    | 1,151.3               | 0.00                    | 0.00                   | 0.00                  |
| 3,900.0             | 23.00           | 213.14      | 3,670.4             | -996.7    | -650.8    | 1,190.3               | 0.00                    | 0.00                   | 0.00                  |
| 4,000.0             | 23.00           | 213.14      | 3,762.4             | -1,029.4  | -672.2    | 1,229.4               | 0.00                    | 0.00                   | 0.00                  |
| 4,100.0             | 23.00           | 213.14      | 3,854.5             | -1,062.1  | -693.5    | 1,268.5               | 0.00                    | 0.00                   | 0.00                  |
| 4,200.0             | 23.00           | 213.14      | 3,946.5             | -1,094.8  | -714.9    | 1,307.6               | 0.00                    | 0.00                   | 0.00                  |
| 4,300.0             | 23.00           | 213.14      | 4,038.6             | -1,127.6  | -736.2    | 1,346.6               | 0.00                    | 0.00                   | 0.00                  |
| 4,400.0             | 23.00           | 213.14      | 4,130.6             | -1,160.3  | -757.6    | 1,385.7               | 0.00                    | 0.00                   | 0.00                  |
| 4,500.0             | 23.00           | 213.14      | 4,222.7             | -1,193.0  | -779.0    | 1,424.8               | 0.00                    | 0.00                   | 0.00                  |
| 4,600.0             | 23.00           | 213.14      | 4,314.7             | -1,225.7  | -800.3    | 1,463.9               | 0.00                    | 0.00                   | 0.00                  |
| 4,700.0             | 23.00           | 213.14      | 4,406.8             | -1,258.4  | -821.7    | 1,503.0               | 0.00                    | 0.00                   | 0.00                  |

**N/A**  
**Planning Report**

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM_PRO                   | <b>Local Co-ordinate Reference:</b> | Well TR 314-24-597 - Slot B3         |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | WELL @ 8533.0ft (Original Well Elev) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | WELL @ 8533.0ft (Original Well Elev) |
| <b>Site:</b>     | TR 1-24-597 Pad           | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | TR 314-24-597             | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OH                        |                                     |                                      |
| <b>Design:</b>   | Plan #1                   |                                     |                                      |

| <b>Planned Survey</b>   |                 |             |                     |            |            |                       |                         |                        |                       |  |
|-------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|--|
| 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                 | 23.00           | 213.14      | 4,498.8             | -1,291.2   | -843.1     | 1,542.0               | 0.00                    | 0.00                   | 0.00                  |  |
| 4,900.0                 | 23.00           | 213.14      | 4,590.9             | -1,323.9   | -864.4     | 1,581.1               | 0.00                    | 0.00                   | 0.00                  |  |
| 4,957.7                 | 23.00           | 213.14      | 4,644.0             | -1,342.8   | -876.8     | 1,603.7               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Top of "G" Sand</b>  |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 4,986.0                 | 23.00           | 213.14      | 4,670.0             | -1,352.0   | -882.8     | 1,614.7               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Base of "G" Sand</b> |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 5,000.0                 | 23.00           | 213.14      | 4,682.9             | -1,356.6   | -885.8     | 1,620.2               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,100.0                 | 23.00           | 213.14      | 4,775.0             | -1,389.3   | -907.2     | 1,659.3               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,200.0                 | 23.00           | 213.14      | 4,867.0             | -1,422.0   | -928.5     | 1,698.3               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,218.5                 | 23.00           | 213.14      | 4,884.0             | -1,428.1   | -932.5     | 1,705.5               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Fort Union</b>       |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 5,300.0                 | 23.00           | 213.14      | 4,959.1             | -1,454.8   | -949.9     | 1,737.4               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,400.0                 | 23.00           | 213.14      | 5,051.1             | -1,487.5   | -971.2     | 1,776.5               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,500.0                 | 23.00           | 213.14      | 5,143.2             | -1,520.2   | -992.6     | 1,815.6               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,600.0                 | 23.00           | 213.14      | 5,235.2             | -1,552.9   | -1,014.0   | 1,854.6               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,700.0                 | 23.00           | 213.14      | 5,327.3             | -1,585.6   | -1,035.3   | 1,893.7               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,800.0                 | 23.00           | 213.14      | 5,419.3             | -1,618.3   | -1,056.7   | 1,932.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 5,900.0                 | 23.00           | 213.14      | 5,511.4             | -1,651.1   | -1,078.1   | 1,971.9               | 0.00                    | 0.00                   | 0.00                  |  |
| 6,000.0                 | 23.00           | 213.14      | 5,603.4             | -1,683.8   | -1,099.4   | 2,010.9               | 0.00                    | 0.00                   | 0.00                  |  |
| 6,100.0                 | 23.00           | 213.14      | 5,695.4             | -1,716.5   | -1,120.8   | 2,050.0               | 0.00                    | 0.00                   | 0.00                  |  |
| 6,133.6                 | 23.00           | 213.14      | 5,726.4             | -1,727.5   | -1,128.0   | 2,063.2               | 0.00                    | 0.00                   | 0.00                  |  |
| 6,200.0                 | 22.01           | 213.14      | 5,787.7             | -1,748.8   | -1,141.9   | 2,088.6               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,300.0                 | 20.51           | 213.14      | 5,880.9             | -1,779.1   | -1,161.7   | 2,124.8               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,400.0                 | 19.01           | 213.14      | 5,975.0             | -1,807.4   | -1,180.2   | 2,158.6               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,500.0                 | 17.51           | 213.14      | 6,070.0             | -1,833.7   | -1,197.3   | 2,189.9               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,539.8                 | 16.91           | 213.14      | 6,108.0             | -1,843.5   | -1,203.7   | 2,201.7               | 1.50                    | -1.50                  | 0.00                  |  |
| <b>Ohio Creek</b>       |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 6,600.0                 | 16.01           | 213.14      | 6,165.7             | -1,857.8   | -1,213.1   | 2,218.8               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,700.0                 | 14.51           | 213.14      | 6,262.2             | -1,879.8   | -1,227.4   | 2,245.1               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,800.0                 | 13.01           | 213.14      | 6,359.3             | -1,899.7   | -1,240.4   | 2,268.9               | 1.50                    | -1.50                  | 0.00                  |  |
| 6,808.9                 | 12.87           | 213.14      | 6,368.0             | -1,901.4   | -1,241.5   | 2,270.8               | 1.50                    | -1.50                  | 0.00                  |  |
| <b>Mesaverde</b>        |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 6,900.0                 | 11.51           | 213.14      | 6,457.1             | -1,917.5   | -1,252.0   | 2,290.1               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,000.0                 | 10.01           | 213.14      | 6,555.3             | -1,933.1   | -1,262.2   | 2,308.7               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,100.0                 | 8.51            | 213.14      | 6,654.0             | -1,946.6   | -1,271.0   | 2,324.8               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,200.0                 | 7.01            | 213.14      | 6,753.1             | -1,957.9   | -1,278.4   | 2,338.3               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,300.0                 | 5.51            | 213.14      | 6,852.5             | -1,967.0   | -1,284.4   | 2,349.2               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,400.0                 | 4.01            | 213.14      | 6,952.1             | -1,974.0   | -1,288.9   | 2,357.5               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,500.0                 | 2.51            | 213.14      | 7,052.0             | -1,978.7   | -1,292.0   | 2,363.2               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,600.0                 | 1.01            | 213.14      | 7,151.9             | -1,981.3   | -1,293.7   | 2,366.3               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,667.1                 | 0.00            | 0.00        | 7,219.0             | -1,981.8   | -1,294.0   | 2,366.8               | 1.50                    | -1.50                  | 0.00                  |  |
| 7,700.0                 | 0.00            | 0.00        | 7,251.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 7,800.0                 | 0.00            | 0.00        | 7,351.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 7,900.0                 | 0.00            | 0.00        | 7,451.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 7,937.1                 | 0.00            | 0.00        | 7,489.0             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Top of Gas</b>       |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 8,000.0                 | 0.00            | 0.00        | 7,551.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,100.0                 | 0.00            | 0.00        | 7,651.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,200.0                 | 0.00            | 0.00        | 7,751.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,300.0                 | 0.00            | 0.00        | 7,851.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,400.0                 | 0.00            | 0.00        | 7,951.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,500.0                 | 0.00            | 0.00        | 8,051.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.0                 | 0.00            | 0.00        | 8,151.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |

**N/A**  
**Planning Report**

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM_PRO                   | <b>Local Co-ordinate Reference:</b> | Well TR 314-24-597 - Slot B3         |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | WELL @ 8533.0ft (Original Well Elev) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | WELL @ 8533.0ft (Original Well Elev) |
| <b>Site:</b>     | TR 1-24-597 Pad           | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | TR 314-24-597             | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OH                        |                                     |                                      |
| <b>Design:</b>   | 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) |  |
| 8,700.0                     | 0.00            | 0.00        | 8,251.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.0                     | 0.00            | 0.00        | 8,351.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.0                     | 0.00            | 0.00        | 8,451.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.0                     | 0.00            | 0.00        | 8,551.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.0                     | 0.00            | 0.00        | 8,651.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.0                     | 0.00            | 0.00        | 8,751.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.0                     | 0.00            | 0.00        | 8,851.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.0                     | 0.00            | 0.00        | 8,951.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.0                     | 0.00            | 0.00        | 9,051.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.0                     | 0.00            | 0.00        | 9,151.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.1                     | 0.00            | 0.00        | 9,152.0             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Cameo</b>                |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 9,700.0                     | 0.00            | 0.00        | 9,251.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.0                     | 0.00            | 0.00        | 9,351.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.0                     | 0.00            | 0.00        | 9,451.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 9,901.1                     | 0.00            | 0.00        | 9,453.0             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>RLNS</b>                 |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 10,000.0                    | 0.00            | 0.00        | 9,551.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,091.1                    | 0.00            | 0.00        | 9,643.0             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Cozette</b>              |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 10,100.0                    | 0.00            | 0.00        | 9,651.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.0                    | 0.00            | 0.00        | 9,751.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.0                    | 0.00            | 0.00        | 9,851.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,320.1                    | 0.00            | 0.00        | 9,872.0             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Corcoran</b>             |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 10,400.0                    | 0.00            | 0.00        | 9,951.9             | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,483.1                    | 0.00            | 0.00        | 10,035.0            | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Sego</b>                 |                 |             |                     |            |            |                       |                         |                        |                       |  |
| 10,500.0                    | 0.00            | 0.00        | 10,051.9            | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,600.0                    | 0.00            | 0.00        | 10,151.9            | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,700.0                    | 0.00            | 0.00        | 10,251.9            | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| 10,783.1                    | 0.00            | 0.00        | 10,335.0            | -1,981.8   | -1,294.0   | 2,366.8               | 0.00                    | 0.00                   | 0.00                  |  |
| <b>PBHL (TR 314-24-597)</b> |                 |             |                     |            |            |                       |                         |                        |                       |  |

| Design Targets                                                                                              |               |              |          |            |            |               |              |                  |                  |
|-------------------------------------------------------------------------------------------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|------------------|------------------|
| Target Name                                                                                                 | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude         | Longitude        |
| PBHL (TR 314-24-597)<br>- hit/miss target<br>- Shape<br>- plan hits target center<br>- Circle (radius 50.0) | 0.00          | 0.00         | 10,335.0 | -1,981.8   | -1,294.0   | 1,653,275.00  | 2,229,177.30 | 39° 35' 42.566 N | 108° 14' 8.718 W |

| Casing Points       |                     |        |                      |                    |  |
|---------------------|---------------------|--------|----------------------|--------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name   | Casing Diameter (in) | Hole Diameter (in) |  |
| 3,193.0             | 3,019.6             | 9 5/8" | 9.625                | 14.750             |  |

**N/A**  
**Planning Report**

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM_PRO                   | <b>Local Co-ordinate Reference:</b> | Well TR 314-24-597 - Slot B3         |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | WELL @ 8533.0ft (Original Well Elev) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | WELL @ 8533.0ft (Original Well Elev) |
| <b>Site:</b>     | TR 1-24-597 Pad           | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | TR 314-24-597             | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | OH                        |                                     |                                      |
| <b>Design:</b>   | Plan #1                   |                                     |                                      |

| <b>Formations</b>   |                     |                  |           |         |                   |  |
|---------------------|---------------------|------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name             | Lithology | Dip (°) | Dip Direction (°) |  |
| 2,942.5             | 2,789.0             | Wasatch          |           | 0.00    |                   |  |
| 4,957.7             | 4,644.0             | Top of "G" Sand  |           | 0.00    |                   |  |
| 4,986.0             | 4,670.0             | Base of "G" Sand |           | 0.00    |                   |  |
| 5,218.5             | 4,884.0             | Fort Union       |           | 0.00    |                   |  |
| 6,539.8             | 6,108.0             | Ohio Creek       |           | 0.00    |                   |  |
| 6,808.9             | 6,368.0             | Mesaverde        |           | 0.00    |                   |  |
| 7,937.1             | 7,489.0             | Top of Gas       |           | 0.00    |                   |  |
| 9,600.1             | 9,152.0             | Cameo            |           | 0.00    |                   |  |
| 9,901.1             | 9,453.0             | RLNS             |           | 0.00    |                   |  |
| 10,091.1            | 9,643.0             | Cozzette         |           | 0.00    |                   |  |
| 10,320.1            | 9,872.0             | Corcoran         |           | 0.00    |                   |  |
| 10,483.1            | 10,035.0            | Sego             |           | 0.00    |                   |  |