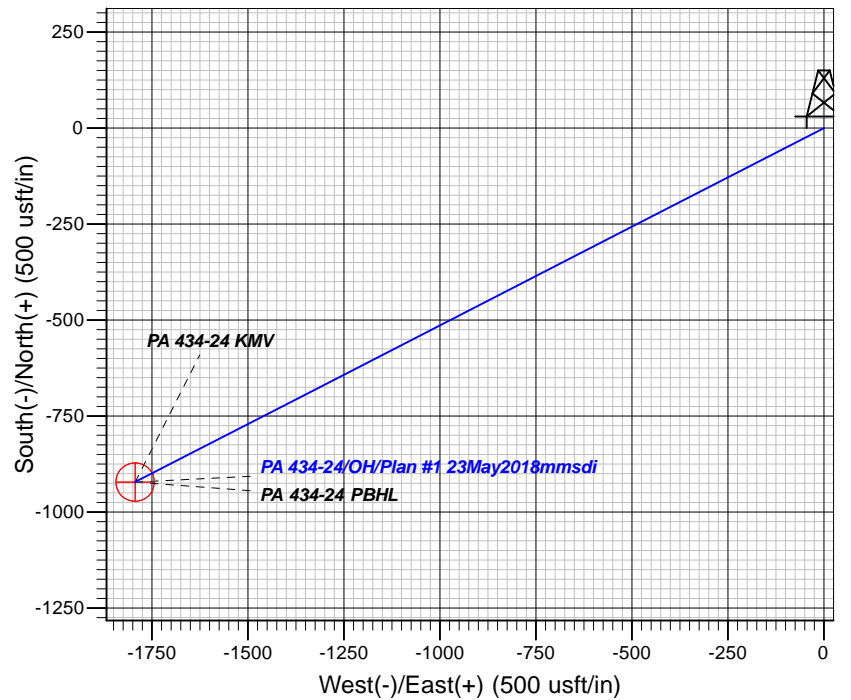
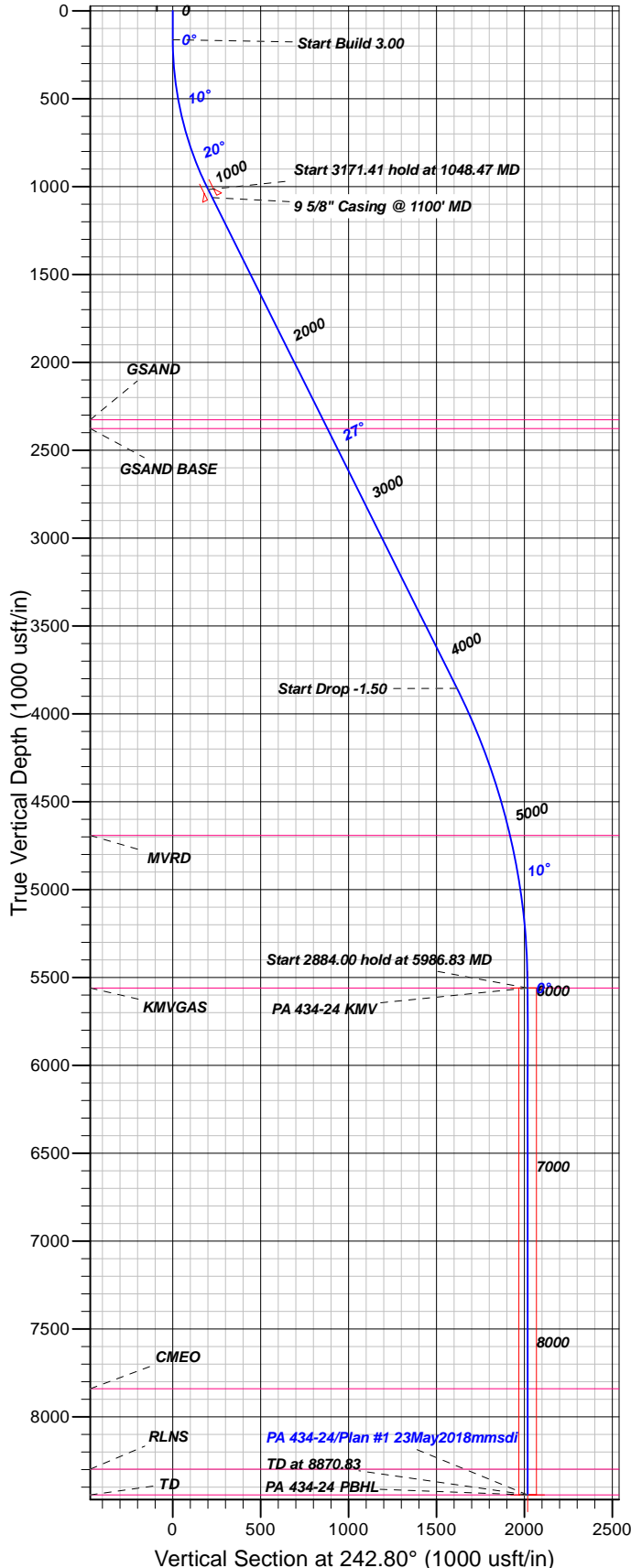


Well Details: PA 434-24

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|-------|-------|------------|------------|------------|--------------|-----------------|
| 0.00 | 0.00 | 1618768.20 | 2312583.20 | 39.5069878 | -107.9365890 | PA 434-24 (A13) |



FORMATION TOP DETAILS

| TVDPth | MDPath | Formation |
|---------|---------|------------|
| 2327.00 | 2511.99 | GSAND |
| 2377.00 | 2567.86 | GSAND BASE |
| 4692.00 | 5111.18 | MVRD |
| 5560.00 | 5986.83 | KMGAS |
| 7840.00 | 8266.83 | CMEO |
| 8298.00 | 8724.83 | RLNS |
| 8444.00 | 8870.83 | TD |

Plan: Plan #1 23May2018mmsdi

11:01, June 05 2018
Created By: Mel Mireles

PROJECT DETAILS: Garfield County, CO NAD83

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Colorado Central Zone

System Datum: Mean Sea Level

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|------------------------|------|
| 1063.41 | 1100.00 | 5/8" Casing @ 1100' MD | 9.62 |

SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Target |
|-----|---------|-------|--------|---------|---------|----------|------|--------|---------|----------------|
| 1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 2 | 165.00 | 0.00 | 0.00 | 165.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 1048.47 | 26.50 | 242.80 | 1017.30 | -91.76 | -178.52 | 3.00 | 242.80 | 200.72 | |
| 4 | 4219.88 | 26.50 | 242.80 | 3855.40 | -738.74 | -1437.27 | 0.00 | 0.00 | 1616.01 | |
| 5 | 5986.83 | 0.00 | 0.00 | 5560.00 | -922.25 | -1794.31 | 1.50 | 180.00 | 2017.45 | PA 434-24 KMV |
| 6 | 8870.83 | 0.00 | 0.00 | 8444.00 | -922.25 | -1794.31 | 0.00 | 0.00 | 2017.45 | PA 434-24 PBHL |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|---------------------------|---------|---------|----------|------------|------------|------------|--------------|------------------------|
| PA 434-24 KMV | 5560.00 | -922.25 | -1794.31 | 1617894.40 | 2310764.80 | 39.5044556 | -107.9429481 | Circle (Radius: 50.00) |
| - plan hits target center | | | | | | | | |
| PA 434-24 PBHL | 8444.00 | -922.25 | -1794.31 | 1617894.40 | 2310764.80 | 39.5044556 | -107.9429481 | Point |
| - plan hits target center | | | | | | | | |



TEP Rocky Mountain LLC

Garfield County, CO NAD83

RWF 13-19 Pad

PA 434-24 - Slot PA 434-24 (A13)

OH

Plan: Plan #1 23May2018mmsdi

Standard Planning Report

05 June, 2018



| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well PA 434-24 - Slot PA 434-24 (A13) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Site: | RWF 13-19 Pad | North Reference: | True |
| Well: | PA 434-24 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 23May2018mmsdi | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| 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 | | RWF 13-19 Pad | | | |
| Site Position: | | Northing: | 1,618,792.50 usft | Latitude: | 39.5070510 |
| From: | Map | Easting: | 2,312,535.60 usft | Longitude: | -107.9367600 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.20 in | Grid Convergence: | -1.54 ° |

| | | | | | | |
|----------------------|----------------------------------|-------------|---------------------|-------------------|---------------|---------------|
| Well | PA 434-24 - Slot PA 434-24 (A13) | | | | | |
| Well Position | +N/-S | -23.01 usft | Northing: | 1,618,768.20 usft | Latitude: | 39.5069878 |
| | +E/-W | 48.23 usft | Easting: | 2,312,583.20 usft | Longitude: | -107.9365891 |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | 0.00 usft | Ground Level: | 5,733.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 5/23/2018 | 9.38 | 65.77 | 51,610 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan #1 23May2018mmsdi | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) |
| | 0.00 | 0.00 | 0.00 | 242.80 |

| Plan Sections | | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|----------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 165.00 | 0.00 | 0.00 | 165.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,048.47 | 26.50 | 242.80 | 1,017.30 | -91.76 | -178.52 | 3.00 | 3.00 | 0.00 | 242.80 | |
| 4,219.88 | 26.50 | 242.80 | 3,855.40 | -738.74 | -1,437.27 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,986.83 | 0.00 | 0.00 | 5,560.00 | -922.25 | -1,794.31 | 1.50 | -1.50 | 0.00 | 180.00 | PA 434-24 KMV |
| 8,870.83 | 0.00 | 0.00 | 8,444.00 | -922.25 | -1,794.31 | 0.00 | 0.00 | 0.00 | 0.00 | PA 434-24 PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well PA 434-24 - Slot PA 434-24 (A13) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Site: | RWF 13-19 Pad | North Reference: | True |
| Well: | PA 434-24 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 23May2018mmsdi | | |

| Planned Survey | | | | | | | | | |
|--------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 100.00 | 0.00 | 0.00 | 100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 165.00 | 0.00 | 0.00 | 165.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 200.00 | 1.05 | 242.80 | 200.00 | -0.15 | -0.29 | 0.32 | 3.00 | 3.00 | 0.00 |
| 300.00 | 4.05 | 242.80 | 299.89 | -2.18 | -4.24 | 4.77 | 3.00 | 3.00 | 0.00 |
| 400.00 | 7.05 | 242.80 | 399.41 | -6.60 | -12.84 | 14.44 | 3.00 | 3.00 | 0.00 |
| 500.00 | 10.05 | 242.80 | 498.28 | -13.40 | -26.06 | 29.31 | 3.00 | 3.00 | 0.00 |
| 600.00 | 13.05 | 242.80 | 596.25 | -22.55 | -43.87 | 49.33 | 3.00 | 3.00 | 0.00 |
| 700.00 | 16.05 | 242.80 | 693.03 | -34.03 | -66.21 | 74.44 | 3.00 | 3.00 | 0.00 |
| 800.00 | 19.05 | 242.80 | 788.37 | -47.81 | -93.03 | 104.60 | 3.00 | 3.00 | 0.00 |
| 900.00 | 22.05 | 242.80 | 881.99 | -63.86 | -124.24 | 139.69 | 3.00 | 3.00 | 0.00 |
| 1,000.00 | 25.05 | 242.80 | 973.65 | -82.12 | -159.77 | 179.64 | 3.00 | 3.00 | 0.00 |
| 1,048.47 | 26.50 | 242.80 | 1,017.30 | -91.76 | -178.52 | 200.72 | 3.00 | 3.00 | 0.00 |
| 1,100.00 | 26.50 | 242.80 | 1,063.41 | -102.27 | -198.97 | 223.72 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Casing @ 1100' MD | | | | | | | | | |
| 1,200.00 | 26.50 | 242.80 | 1,152.90 | -122.67 | -238.66 | 268.34 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 26.50 | 242.80 | 1,242.39 | -143.07 | -278.35 | 312.97 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 26.50 | 242.80 | 1,331.88 | -163.47 | -318.04 | 357.60 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 26.50 | 242.80 | 1,421.37 | -183.87 | -357.74 | 402.22 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 26.50 | 242.80 | 1,510.86 | -204.27 | -397.43 | 446.85 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 26.50 | 242.80 | 1,600.35 | -224.67 | -437.12 | 491.48 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 26.50 | 242.80 | 1,689.84 | -245.07 | -476.81 | 536.10 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 26.50 | 242.80 | 1,779.33 | -265.47 | -516.50 | 580.73 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 26.50 | 242.80 | 1,868.82 | -285.87 | -556.19 | 625.35 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 26.50 | 242.80 | 1,958.31 | -306.27 | -595.88 | 669.98 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 26.50 | 242.80 | 2,047.80 | -326.67 | -635.57 | 714.61 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 26.50 | 242.80 | 2,137.29 | -347.07 | -675.26 | 759.23 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 26.50 | 242.80 | 2,226.78 | -367.47 | -714.95 | 803.86 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 26.50 | 242.80 | 2,316.27 | -387.87 | -754.64 | 848.49 | 0.00 | 0.00 | 0.00 |
| 2,511.99 | 26.50 | 242.80 | 2,327.00 | -390.32 | -759.40 | 853.83 | 0.00 | 0.00 | 0.00 |
| GSAND | | | | | | | | | |
| 2,567.86 | 26.50 | 242.80 | 2,377.00 | -401.72 | -781.57 | 878.77 | 0.00 | 0.00 | 0.00 |
| GSAND BASE | | | | | | | | | |
| 2,600.00 | 26.50 | 242.80 | 2,405.76 | -408.27 | -794.33 | 893.11 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 26.50 | 242.80 | 2,495.25 | -428.67 | -834.02 | 937.74 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 26.50 | 242.80 | 2,584.75 | -449.08 | -873.71 | 982.36 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 26.50 | 242.80 | 2,674.24 | -469.48 | -913.40 | 1,026.99 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 26.50 | 242.80 | 2,763.73 | -489.88 | -953.09 | 1,071.62 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 26.50 | 242.80 | 2,853.22 | -510.28 | -992.78 | 1,116.24 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 26.50 | 242.80 | 2,942.71 | -530.68 | -1,032.47 | 1,160.87 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 26.50 | 242.80 | 3,032.20 | -551.08 | -1,072.16 | 1,205.50 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 26.50 | 242.80 | 3,121.69 | -571.48 | -1,111.85 | 1,250.12 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 26.50 | 242.80 | 3,211.18 | -591.88 | -1,151.54 | 1,294.75 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 26.50 | 242.80 | 3,300.67 | -612.28 | -1,191.23 | 1,339.37 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 26.50 | 242.80 | 3,390.16 | -632.68 | -1,230.92 | 1,384.00 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 26.50 | 242.80 | 3,479.65 | -653.08 | -1,270.62 | 1,428.63 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 26.50 | 242.80 | 3,569.14 | -673.48 | -1,310.31 | 1,473.25 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 26.50 | 242.80 | 3,658.63 | -693.88 | -1,350.00 | 1,517.88 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 26.50 | 242.80 | 3,748.12 | -714.28 | -1,389.69 | 1,562.51 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 26.50 | 242.80 | 3,837.61 | -734.68 | -1,429.38 | 1,607.13 | 0.00 | 0.00 | 0.00 |
| 4,219.88 | 26.50 | 242.80 | 3,855.40 | -738.74 | -1,437.27 | 1,616.01 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 25.30 | 242.80 | 3,927.47 | -754.73 | -1,468.40 | 1,651.00 | 1.50 | -1.50 | 0.00 |
| 4,400.00 | 23.80 | 242.80 | 4,018.42 | -773.73 | -1,505.35 | 1,692.56 | 1.50 | -1.50 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well PA 434-24 - Slot PA 434-24 (A13) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Site: | RWF 13-19 Pad | North Reference: | True |
| Well: | PA 434-24 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 23May2018mmsdi | | |

| Planned Survey | | | | | | | | | |
|-------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,500.00 | 22.30 | 242.80 | 4,110.44 | -791.63 | -1,540.18 | 1,731.71 | 1.50 | -1.50 | 0.00 |
| 4,600.00 | 20.80 | 242.80 | 4,203.44 | -808.42 | -1,572.85 | 1,768.45 | 1.50 | -1.50 | 0.00 |
| 4,700.00 | 19.30 | 242.80 | 4,297.38 | -824.10 | -1,603.34 | 1,802.73 | 1.50 | -1.50 | 0.00 |
| 4,800.00 | 17.80 | 242.80 | 4,392.18 | -838.64 | -1,631.64 | 1,834.55 | 1.50 | -1.50 | 0.00 |
| 4,900.00 | 16.30 | 242.80 | 4,487.78 | -852.05 | -1,657.72 | 1,863.87 | 1.50 | -1.50 | 0.00 |
| 5,000.00 | 14.80 | 242.80 | 4,584.11 | -864.30 | -1,681.57 | 1,890.68 | 1.50 | -1.50 | 0.00 |
| 5,100.00 | 13.30 | 242.80 | 4,681.12 | -875.40 | -1,703.16 | 1,914.96 | 1.50 | -1.50 | 0.00 |
| 5,111.18 | 13.13 | 242.80 | 4,692.00 | -876.57 | -1,705.44 | 1,917.52 | 1.50 | -1.50 | 0.00 |
| MVRD | | | | | | | | | |
| 5,200.00 | 11.80 | 242.80 | 4,778.73 | -885.34 | -1,722.49 | 1,936.70 | 1.50 | -1.50 | 0.00 |
| 5,300.00 | 10.30 | 242.80 | 4,876.87 | -894.10 | -1,739.54 | 1,955.87 | 1.50 | -1.50 | 0.00 |
| 5,400.00 | 8.80 | 242.80 | 4,975.48 | -901.69 | -1,754.30 | 1,972.46 | 1.50 | -1.50 | 0.00 |
| 5,500.00 | 7.30 | 242.80 | 5,074.49 | -908.09 | -1,766.76 | 1,986.47 | 1.50 | -1.50 | 0.00 |
| 5,600.00 | 5.80 | 242.80 | 5,173.83 | -913.30 | -1,776.91 | 1,997.88 | 1.50 | -1.50 | 0.00 |
| 5,700.00 | 4.30 | 242.80 | 5,273.44 | -917.33 | -1,784.74 | 2,006.69 | 1.50 | -1.50 | 0.00 |
| 5,800.00 | 2.80 | 242.80 | 5,373.25 | -920.16 | -1,790.25 | 2,012.88 | 1.50 | -1.50 | 0.00 |
| 5,900.00 | 1.30 | 242.80 | 5,473.18 | -921.80 | -1,793.43 | 2,016.46 | 1.50 | -1.50 | 0.00 |
| 5,986.83 | 0.00 | 0.00 | 5,560.00 | -922.25 | -1,794.31 | 2,017.45 | 1.50 | -1.50 | 134.98 |
| KMVGAS - PA 434-24 KMW | | | | | | | | | |
| 6,000.00 | 0.00 | 0.00 | 5,573.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 0.00 | 0.00 | 5,673.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 0.00 | 0.00 | 5,773.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 0.00 | 0.00 | 5,873.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 0.00 | 0.00 | 5,973.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 0.00 | 0.00 | 6,073.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 0.00 | 0.00 | 6,173.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 0.00 | 0.00 | 6,273.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 0.00 | 0.00 | 6,373.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 0.00 | 0.00 | 6,473.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 0.00 | 0.00 | 6,573.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 0.00 | 0.00 | 6,673.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 0.00 | 0.00 | 6,773.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 0.00 | 0.00 | 6,873.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 0.00 | 0.00 | 6,973.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 0.00 | 0.00 | 7,073.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 0.00 | 0.00 | 7,173.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,700.00 | 0.00 | 0.00 | 7,273.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,800.00 | 0.00 | 0.00 | 7,373.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 7,900.00 | 0.00 | 0.00 | 7,473.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,000.00 | 0.00 | 0.00 | 7,573.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,100.00 | 0.00 | 0.00 | 7,673.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,200.00 | 0.00 | 0.00 | 7,773.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,266.83 | 0.00 | 0.00 | 7,840.00 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| CME0 | | | | | | | | | |
| 8,300.00 | 0.00 | 0.00 | 7,873.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 0.00 | 0.00 | 7,973.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 0.00 | 0.00 | 8,073.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 0.00 | 0.00 | 8,173.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 0.00 | 0.00 | 8,273.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,724.83 | 0.00 | 0.00 | 8,298.00 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| RLNS | | | | | | | | | |
| 8,800.00 | 0.00 | 0.00 | 8,373.17 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| 8,870.83 | 0.00 | 0.00 | 8,444.00 | -922.25 | -1,794.31 | 2,017.45 | 0.00 | 0.00 | 0.00 |
| TD - PA 434-24 PBHL | | | | | | | | | |

| | | | |
|------------------|---------------------------|-------------------------------------|---------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well PA 434-24 - Slot PA 434-24 (A13) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 5733' & RKB 24' @ 5757.00usft |
| Site: | RWF 13-19 Pad | North Reference: | True |
| Well: | PA 434-24 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #1 23May2018mmsdi | | |

| Planned Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |

| Design Targets | | | | | | | | | |
|---|---------------|--------------|------------|--------------|--------------|-----------------|----------------|------------|--------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| PA 434-24 KMV - hit/miss target - Shape | 0.00 | 0.00 | 5,560.00 | -922.25 | -1,794.31 | 1,617,894.40 | 2,310,764.80 | 39.5044557 | -107.9429481 |
| PA 434-24 PBHL - plan hits target center - Circle (radius 50.00) - Point | 0.00 | 0.00 | 8,444.00 | -922.25 | -1,794.31 | 1,617,894.40 | 2,310,764.80 | 39.5044557 | -107.9429481 |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------------------------|----------------------|--------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) | |
| 1,100.00 | 1,063.41 | 9 5/8" Casing @ 1100' MD | 9.62 | 13.50 | |

| Formations | | | | | |
|-----------------------|-----------------------|------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 2,511.99 | 3,039.00 | GSAND | | 0.00 | 0.00 |
| 2,567.86 | 3,089.00 | GSAND BASE | | 0.00 | 0.00 |
| 5,111.18 | 5,404.00 | MVRD | | 0.00 | 0.00 |
| 5,986.83 | 6,272.00 | KMVGAS | | 0.00 | 0.00 |
| 8,266.83 | 8,552.00 | CMEQ | | 0.00 | 0.00 |
| 8,724.83 | 9,010.00 | RLNS | | 0.00 | 0.00 |
| 8,870.83 | 9,156.00 | TD | | 0.00 | 0.00 |