



TEP Rocky Mountain LLC

Garfield Co., CO (NAD83)

NR 23-3 Pad

NR 533-4 - Slot NR 533-4

OH

Plan: Plan #2

Standard Planning Report

15 September, 2020





Project: Garfield Co., CO (NAD83)
 Site: NR 23-3 Pad
 Well: NR 533-4
 Wellbore: OH
 Design: Plan #2
 Lat: 39.554171
 Long: -107.879070
 GL: 6728.00
 KB: KB=24' @ 6752.00usft (H&P 318)



WELL DETAILS: NR 533-4

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | |
|-------|-------|------------|------------|-----------|-------------|----------|
| 0.00 | 0.00 | 1635518.40 | 2329256.90 | 39.554171 | -107.879070 | NR 533-4 |

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Shape |
|---------------|---------|---------|----------|------------|------------|------------------------|
| NR 533-4 KMW | 7212.00 | -601.46 | -3866.78 | 1635018.40 | 2325375.70 | Circle (Radius: 50.00) |
| NR 533-4 PBHL | 9902.00 | -601.46 | -3866.78 | 1635018.40 | 2325375.70 | Point |

SECTION DETAILS

| MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | Vsect | Annotation |
|----------|-------|--------|---------|---------|----------|------|--------|---------|----------------|
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | Build 3.00 |
| 1357.91 | 37.14 | 261.16 | 1273.04 | -59.53 | -382.74 | 3.00 | 261.16 | 387.34 | 4557.12 hold |
| 5915.03 | 37.14 | 261.16 | 4905.93 | -482.39 | -3101.31 | 0.00 | 0.00 | 3138.60 | Drop -1.50 |
| 8390.86 | 0.00 | 0.00 | 7212.00 | -601.46 | -3866.78 | 1.50 | 180.00 | 3913.27 | 2690.00 hold |
| 11080.86 | 0.00 | 0.00 | 9902.00 | -601.46 | -3866.78 | 0.00 | 0.00 | 3913.27 | TD at 11080.86 |

CASING DETAILS

| TVD | MD | Name | Size |
|---------|---------|--------|-------|
| 1057.56 | 1100.00 | 9 5/8" | 9-5/8 |

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|----------|-----------|
| 3552.00 | 4216.66 | Wasatch G |
| 5452.00 | 6561.75 | LWSTC |
| 6032.00 | 7191.23 | MVRD |
| 7212.00 | 8390.86 | KMWGAS |
| 8862.00 | 10040.86 | CMEC |
| 9752.00 | 10930.86 | RLNS |
| 9902.00 | 11080.86 | TD |

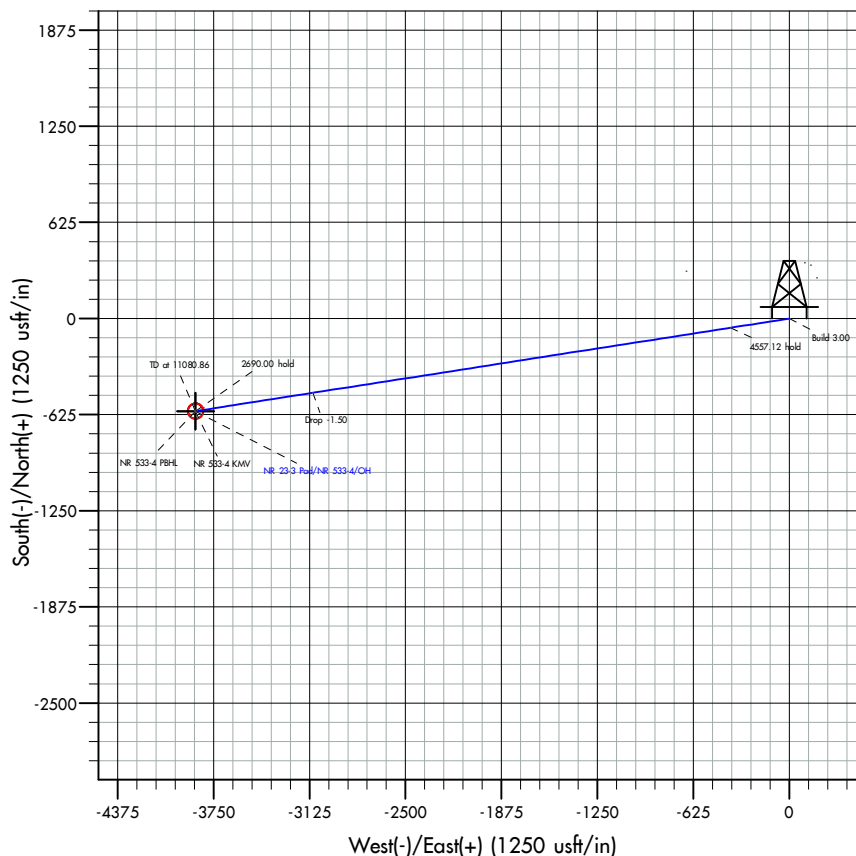
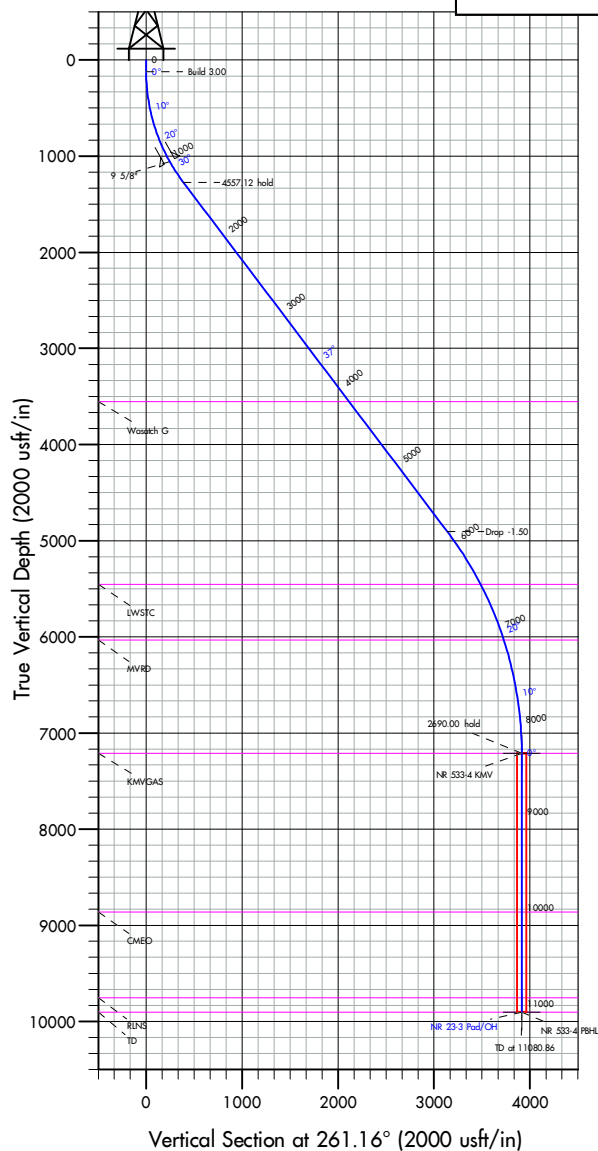


Azimuths to True North
 Magnetic North: 9.23°

Magnetic Field
 Strength: 51337.5nT
 Dip Angle: 65.73°
 Date: 8/23/2020
 Model: HDGM2020

SLOTS

| Slot Name | +N/-S | +E/-W | Northing | Easting |
|-----------|--------|--------|------------|------------|
| NR 32-4 | 41.17 | -20.89 | 1635560.10 | 2329237.10 |
| NR 331-3 | 17.86 | -1.67 | 1635536.30 | 2329255.70 |
| NR 332-4 | 34.57 | -28.51 | 1635553.70 | 2329229.30 |
| NR 333-4 | 11.25 | -9.60 | 1635529.90 | 2329247.60 |
| NR 33-4 | 17.13 | -14.45 | 1635535.90 | 2329242.90 |
| NR 343-4 | -11.65 | 9.61 | 1635506.50 | 2329266.20 |
| NR 344-36 | 35.29 | -16.13 | 1635554.10 | 2329241.70 |
| NR 42-3 | -5.45 | 17.15 | 1635512.50 | 2329273.90 |
| NR 431-3 | 11.98 | 3.09 | 1635530.30 | 2329260.30 |
| NR 432-4 | 28.79 | -23.66 | 1635547.80 | 2329234.00 |
| NR 433-4 | 5.77 | -4.85 | 1635524.30 | 2329252.20 |
| NR 43-4 | -5.88 | 4.76 | 1635512.40 | 2329261.50 |
| NR 441-3 | 6.20 | 7.54 | 1635524.40 | 2329264.60 |
| NR 442-3 | -11.33 | 22.00 | 1635506.50 | 2329278.60 |
| NR 443-4 | -17.53 | 14.36 | 1635500.50 | 2329270.80 |
| NR 444-36 | 29.51 | -11.28 | 1635548.20 | 2329246.40 |
| NR 532-4 | 22.90 | -19.21 | 1635541.80 | 2329238.30 |
| NR 533-4 | 0.00 | 0.00 | 1635518.40 | 2329256.90 |
| NR 541-3 | 0.32 | 12.40 | 1635518.40 | 2329269.30 |
| NR 542-3 | -16.81 | 26.75 | 1635500.90 | 2329283.20 |
| NR 543-4 | -23.31 | 19.12 | 1635494.60 | 2329275.40 |
| NR 544-36 | 23.64 | -6.52 | 1635542.20 | 2329251.00 |



| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well NR 533-4 - Slot NR 533-4 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Project: | Garfield Co., CO (NAD83) | MD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Site: | NR 23-3 Pad | North Reference: | True |
| Well: | NR 533-4 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Garfield Co., 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 | NR 23-3 Pad | | | |
| Site Position: | | Northing: | 1,635,494.60 usft | Latitude: 39.554107 |
| From: | Map | Easting: | 2,329,275.40 usft | Longitude: -107.879002 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " | |

| | | | | |
|-----------------------------|--------------------------|----------------------------|------------------|------------------------------------|
| Well | NR 533-4 - Slot NR 533-4 | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 1,635,518.40 usft |
| | +E/-W | 0.00 usft | Easting: | 2,329,256.90 usft |
| Position Uncertainty | 0.00 usft | Wellhead Elevation: | usft | Ground Level: 6,728.00 usft |
| Grid Convergence: | -1.50 ° | | | |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM2020 | 8/23/2020 | 9.23 | 65.73 | 51,337.50000000 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan #2 | | | |
| 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 | 261.16 |

| | | | | |
|---------------------------------|------------------------|--------------------------|------------------|----------------|
| Plan Survey Tool Program | Date | 9/15/2020 | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks |
| 1 | 0.00 | 11,080.86 Plan #2 (OH) | MWD+ HGDM | |
| | | | OWSG MWD + HGDM | |

| | | | | | | | | | | |
|------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|-------------------------------|------------------------------|----------------|---------------|
| 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 | |
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,357.91 | 37.14 | 261.16 | 1,273.04 | -59.53 | -382.74 | 3.00 | 3.00 | 0.00 | 261.16 | |
| 5,915.03 | 37.14 | 261.16 | 4,905.93 | -482.39 | -3,101.31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,390.86 | 0.00 | 0.00 | 7,212.00 | -601.46 | -3,866.78 | 1.50 | -1.50 | 0.00 | 180.00 | |
| 11,080.86 | 0.00 | 0.00 | 9,902.00 | -601.46 | -3,866.78 | 0.00 | 0.00 | 0.00 | 0.00 | NR 533-4 PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------|
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| Company: | TEP Rocky Mountain LLC | TVD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Project: | Garfield Co., CO (NAD83) | MD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Site: | NR 23-3 Pad | North Reference: | True |
| Well: | NR 533-4 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| 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 |
| 120.00 | 0.00 | 0.00 | 120.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Build 3.00 | | | | | | | | | |
| 200.00 | 2.40 | 261.16 | 199.98 | -0.26 | -1.66 | 1.68 | 3.00 | 3.00 | 0.00 |
| 300.00 | 5.40 | 261.16 | 299.73 | -1.30 | -8.38 | 8.48 | 3.00 | 3.00 | 0.00 |
| 400.00 | 8.40 | 261.16 | 399.00 | -3.15 | -20.24 | 20.49 | 3.00 | 3.00 | 0.00 |
| 500.00 | 11.40 | 261.16 | 497.50 | -5.79 | -37.23 | 37.68 | 3.00 | 3.00 | 0.00 |
| 600.00 | 14.40 | 261.16 | 594.96 | -9.22 | -59.29 | 60.00 | 3.00 | 3.00 | 0.00 |
| 700.00 | 17.40 | 261.16 | 691.13 | -13.43 | -86.36 | 87.39 | 3.00 | 3.00 | 0.00 |
| 800.00 | 20.40 | 261.16 | 785.72 | -18.41 | -118.36 | 119.78 | 3.00 | 3.00 | 0.00 |
| 900.00 | 23.40 | 261.16 | 878.50 | -24.14 | -155.21 | 157.08 | 3.00 | 3.00 | 0.00 |
| 1,000.00 | 26.40 | 261.16 | 969.19 | -30.61 | -196.81 | 199.18 | 3.00 | 3.00 | 0.00 |
| 1,100.00 | 29.40 | 261.16 | 1,057.56 | -37.80 | -243.04 | 245.96 | 3.00 | 3.00 | 0.00 |
| 9 5/8" | | | | | | | | | |
| 1,200.00 | 32.40 | 261.16 | 1,143.35 | -45.70 | -293.78 | 297.31 | 3.00 | 3.00 | 0.00 |
| 1,300.00 | 35.40 | 261.16 | 1,226.35 | -54.27 | -348.88 | 353.08 | 3.00 | 3.00 | 0.00 |
| 1,357.91 | 37.14 | 261.16 | 1,273.04 | -59.53 | -382.74 | 387.34 | 3.00 | 3.00 | 0.00 |
| 4557.12 hold | | | | | | | | | |
| 1,400.00 | 37.14 | 261.16 | 1,306.59 | -63.44 | -407.84 | 412.75 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 37.14 | 261.16 | 1,386.31 | -72.72 | -467.50 | 473.12 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 37.14 | 261.16 | 1,466.03 | -82.00 | -527.15 | 533.49 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 37.14 | 261.16 | 1,545.74 | -91.28 | -586.81 | 593.87 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 37.14 | 261.16 | 1,625.46 | -100.55 | -646.46 | 654.24 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 37.14 | 261.16 | 1,705.18 | -109.83 | -706.12 | 714.61 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 37.14 | 261.16 | 1,784.90 | -119.11 | -765.78 | 774.98 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 37.14 | 261.16 | 1,864.62 | -128.39 | -825.43 | 835.36 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 37.14 | 261.16 | 1,944.34 | -137.67 | -885.09 | 895.73 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 37.14 | 261.16 | 2,024.06 | -146.95 | -944.74 | 956.10 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 37.14 | 261.16 | 2,103.78 | -156.23 | -1,004.40 | 1,016.48 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 37.14 | 261.16 | 2,183.50 | -165.51 | -1,064.05 | 1,076.85 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 37.14 | 261.16 | 2,263.22 | -174.79 | -1,123.71 | 1,137.22 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 37.14 | 261.16 | 2,342.94 | -184.07 | -1,183.36 | 1,197.59 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 37.14 | 261.16 | 2,422.65 | -193.35 | -1,243.02 | 1,257.97 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 37.14 | 261.16 | 2,502.37 | -202.62 | -1,302.67 | 1,318.34 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 37.14 | 261.16 | 2,582.09 | -211.90 | -1,362.33 | 1,378.71 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 37.14 | 261.16 | 2,661.81 | -221.18 | -1,421.99 | 1,439.08 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 37.14 | 261.16 | 2,741.53 | -230.46 | -1,481.64 | 1,499.46 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 37.14 | 261.16 | 2,821.25 | -239.74 | -1,541.30 | 1,559.83 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 37.14 | 261.16 | 2,900.97 | -249.02 | -1,600.95 | 1,620.20 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 37.14 | 261.16 | 2,980.69 | -258.30 | -1,660.61 | 1,680.58 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 37.14 | 261.16 | 3,060.41 | -267.58 | -1,720.26 | 1,740.95 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 37.14 | 261.16 | 3,140.13 | -276.86 | -1,779.92 | 1,801.32 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 37.14 | 261.16 | 3,219.84 | -286.14 | -1,839.57 | 1,861.69 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 37.14 | 261.16 | 3,299.56 | -295.42 | -1,899.23 | 1,922.07 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 37.14 | 261.16 | 3,379.28 | -304.69 | -1,958.88 | 1,982.44 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 37.14 | 261.16 | 3,459.00 | -313.97 | -2,018.54 | 2,042.81 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 37.14 | 261.16 | 3,538.72 | -323.25 | -2,078.20 | 2,103.19 | 0.00 | 0.00 | 0.00 |
| 4,216.66 | 37.14 | 261.16 | 3,552.00 | -324.80 | -2,088.13 | 2,113.24 | 0.00 | 0.00 | 0.00 |
| Wasatch G | | | | | | | | | |
| 4,300.00 | 37.14 | 261.16 | 3,618.44 | -332.53 | -2,137.85 | 2,163.56 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 37.14 | 261.16 | 3,698.16 | -341.81 | -2,197.51 | 2,223.93 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 37.14 | 261.16 | 3,777.88 | -351.09 | -2,257.16 | 2,284.30 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------|
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| Project: | Garfield Co., CO (NAD83) | MD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Site: | NR 23-3 Pad | North Reference: | True |
| Well: | NR 533-4 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| 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) |
| 4,600.00 | 37.14 | 261.16 | 3,857.60 | -360.37 | -2,316.82 | 2,344.68 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 37.14 | 261.16 | 3,937.32 | -369.65 | -2,376.47 | 2,405.05 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 37.14 | 261.16 | 4,017.04 | -378.93 | -2,436.13 | 2,465.42 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 37.14 | 261.16 | 4,096.75 | -388.21 | -2,495.78 | 2,525.79 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 37.14 | 261.16 | 4,176.47 | -397.49 | -2,555.44 | 2,586.17 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 37.14 | 261.16 | 4,256.19 | -406.76 | -2,615.09 | 2,646.54 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 37.14 | 261.16 | 4,335.91 | -416.04 | -2,674.75 | 2,706.91 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 37.14 | 261.16 | 4,415.63 | -425.32 | -2,734.41 | 2,767.29 | 0.00 | 0.00 | 0.00 |
| 5,400.00 | 37.14 | 261.16 | 4,495.35 | -434.60 | -2,794.06 | 2,827.66 | 0.00 | 0.00 | 0.00 |
| 5,500.00 | 37.14 | 261.16 | 4,575.07 | -443.88 | -2,853.72 | 2,888.03 | 0.00 | 0.00 | 0.00 |
| 5,600.00 | 37.14 | 261.16 | 4,654.79 | -453.16 | -2,913.37 | 2,948.40 | 0.00 | 0.00 | 0.00 |
| 5,700.00 | 37.14 | 261.16 | 4,734.51 | -462.44 | -2,973.03 | 3,008.78 | 0.00 | 0.00 | 0.00 |
| 5,800.00 | 37.14 | 261.16 | 4,814.23 | -471.72 | -3,032.68 | 3,069.15 | 0.00 | 0.00 | 0.00 |
| 5,900.00 | 37.14 | 261.16 | 4,893.95 | -481.00 | -3,092.34 | 3,129.52 | 0.00 | 0.00 | 0.00 |
| 5,915.03 | 37.14 | 261.16 | 4,905.93 | -482.39 | -3,101.31 | 3,138.60 | 0.00 | 0.00 | 0.00 |
| Drop -1.50 | | | | | | | | | |
| 6,000.00 | 35.86 | 261.16 | 4,974.23 | -490.16 | -3,151.24 | 3,189.14 | 1.50 | -1.50 | 0.00 |
| 6,100.00 | 34.36 | 261.16 | 5,056.03 | -499.00 | -3,208.08 | 3,246.66 | 1.50 | -1.50 | 0.00 |
| 6,200.00 | 32.86 | 261.16 | 5,139.31 | -507.51 | -3,262.78 | 3,302.01 | 1.50 | -1.50 | 0.00 |
| 6,300.00 | 31.36 | 261.16 | 5,224.00 | -515.68 | -3,315.30 | 3,355.17 | 1.50 | -1.50 | 0.00 |
| 6,400.00 | 29.86 | 261.16 | 5,310.06 | -523.50 | -3,365.62 | 3,406.09 | 1.50 | -1.50 | 0.00 |
| 6,500.00 | 28.36 | 261.16 | 5,397.43 | -530.98 | -3,413.69 | 3,454.74 | 1.50 | -1.50 | 0.00 |
| 6,561.75 | 27.44 | 261.16 | 5,452.00 | -535.42 | -3,442.24 | 3,483.64 | 1.50 | -1.50 | 0.00 |
| LWSTC | | | | | | | | | |
| 6,600.00 | 26.86 | 261.16 | 5,486.04 | -538.11 | -3,459.49 | 3,501.09 | 1.50 | -1.50 | 0.00 |
| 6,700.00 | 25.36 | 261.16 | 5,575.83 | -544.87 | -3,502.98 | 3,545.10 | 1.50 | -1.50 | 0.00 |
| 6,800.00 | 23.86 | 261.16 | 5,666.74 | -551.27 | -3,544.13 | 3,586.75 | 1.50 | -1.50 | 0.00 |
| 6,900.00 | 22.36 | 261.16 | 5,758.71 | -557.30 | -3,582.92 | 3,626.00 | 1.50 | -1.50 | 0.00 |
| 7,000.00 | 20.86 | 261.16 | 5,851.67 | -562.97 | -3,619.31 | 3,662.84 | 1.50 | -1.50 | 0.00 |
| 7,100.00 | 19.36 | 261.16 | 5,945.57 | -568.25 | -3,653.29 | 3,697.22 | 1.50 | -1.50 | 0.00 |
| 7,191.23 | 17.99 | 261.16 | 6,032.00 | -572.74 | -3,682.16 | 3,726.44 | 1.50 | -1.50 | 0.00 |
| MVRD | | | | | | | | | |
| 7,200.00 | 17.86 | 261.16 | 6,040.34 | -573.16 | -3,684.83 | 3,729.14 | 1.50 | -1.50 | 0.00 |
| 7,300.00 | 16.36 | 261.16 | 6,135.91 | -577.68 | -3,713.90 | 3,758.56 | 1.50 | -1.50 | 0.00 |
| 7,400.00 | 14.86 | 261.16 | 6,232.22 | -581.82 | -3,740.50 | 3,785.48 | 1.50 | -1.50 | 0.00 |
| 7,500.00 | 13.36 | 261.16 | 6,329.20 | -585.56 | -3,764.59 | 3,809.86 | 1.50 | -1.50 | 0.00 |
| 7,600.00 | 11.86 | 261.16 | 6,426.78 | -588.92 | -3,786.17 | 3,831.69 | 1.50 | -1.50 | 0.00 |
| 7,700.00 | 10.36 | 261.16 | 6,524.90 | -591.88 | -3,805.21 | 3,850.97 | 1.50 | -1.50 | 0.00 |
| 7,800.00 | 8.86 | 261.16 | 6,623.50 | -594.45 | -3,821.71 | 3,867.67 | 1.50 | -1.50 | 0.00 |
| 7,900.00 | 7.36 | 261.16 | 6,722.49 | -596.62 | -3,835.66 | 3,881.78 | 1.50 | -1.50 | 0.00 |
| 8,000.00 | 5.86 | 261.16 | 6,821.82 | -598.39 | -3,847.03 | 3,893.29 | 1.50 | -1.50 | 0.00 |
| 8,100.00 | 4.36 | 261.16 | 6,921.42 | -599.76 | -3,855.84 | 3,902.21 | 1.50 | -1.50 | 0.00 |
| 8,200.00 | 2.86 | 261.16 | 7,021.22 | -600.72 | -3,862.07 | 3,908.51 | 1.50 | -1.50 | 0.00 |
| 8,300.00 | 1.36 | 261.16 | 7,121.15 | -601.29 | -3,865.71 | 3,912.19 | 1.50 | -1.50 | 0.00 |
| 8,390.86 | 0.00 | 0.00 | 7,212.00 | -601.46 | -3,866.78 | 3,913.27 | 1.50 | -1.50 | 0.00 |
| 2690.00 hold - KMGVGS | | | | | | | | | |
| 8,400.00 | 0.00 | 0.00 | 7,221.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 8,500.00 | 0.00 | 0.00 | 7,321.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 8,600.00 | 0.00 | 0.00 | 7,421.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 8,700.00 | 0.00 | 0.00 | 7,521.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 8,800.00 | 0.00 | 0.00 | 7,621.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 8,900.00 | 0.00 | 0.00 | 7,721.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |
| 9,000.00 | 0.00 | 0.00 | 7,821.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well NR 533-4 - Slot NR 533-4 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Project: | Garfield Co., CO (NAD83) | MD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Site: | NR 23-3 Pad | North Reference: | True |
| Well: | NR 533-4 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| 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) | |
| 9,100.00 | 0.00 | 0.00 | 7,921.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,200.00 | 0.00 | 0.00 | 8,021.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,300.00 | 0.00 | 0.00 | 8,121.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,400.00 | 0.00 | 0.00 | 8,221.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,500.00 | 0.00 | 0.00 | 8,321.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,600.00 | 0.00 | 0.00 | 8,421.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,700.00 | 0.00 | 0.00 | 8,521.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,800.00 | 0.00 | 0.00 | 8,621.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 9,900.00 | 0.00 | 0.00 | 8,721.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,000.00 | 0.00 | 0.00 | 8,821.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,040.86 | 0.00 | 0.00 | 8,862.00 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| CMEO | | | | | | | | | | |
| 10,100.00 | 0.00 | 0.00 | 8,921.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,200.00 | 0.00 | 0.00 | 9,021.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,300.00 | 0.00 | 0.00 | 9,121.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,400.00 | 0.00 | 0.00 | 9,221.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,500.00 | 0.00 | 0.00 | 9,321.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,600.00 | 0.00 | 0.00 | 9,421.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,700.00 | 0.00 | 0.00 | 9,521.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,800.00 | 0.00 | 0.00 | 9,621.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,900.00 | 0.00 | 0.00 | 9,721.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 10,930.86 | 0.00 | 0.00 | 9,752.00 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| RLNS | | | | | | | | | | |
| 11,000.00 | 0.00 | 0.00 | 9,821.14 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| 11,080.86 | 0.00 | 0.00 | 9,902.00 | -601.46 | -3,866.78 | 3,913.27 | 0.00 | 0.00 | 0.00 | |
| TD at 11080.86 - TD | | | | | | | | | | |

| Design Targets | | | | | | | | | |
|---------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| NR 533-4 KMV | 0.00 | 0.00 | 7,212.00 | -601.46 | -3,866.78 | 1,635,018.40 | 2,325,375.70 | 39.552519 | -107.892783 |
| - plan hits target center | | | | | | | | | |
| - Circle (radius 50.00) | | | | | | | | | |
| NR 533-4 PBHL | 0.00 | 0.00 | 9,902.00 | -601.46 | -3,866.78 | 1,635,018.40 | 2,325,375.70 | 39.552519 | -107.892783 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | | |
|-----------------------|-----------------------|--------|---------------------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (") | Hole Diameter (") | |
| 1,100.00 | 1,057.56 | 9 5/8" | 9-5/8 | 13-1/2 | |

| | | | |
|------------------|---------------------------|-------------------------------------|--------------------------------|
| Database: | EDM 5000.1 Single User Db | Local Co-ordinate Reference: | Well NR 533-4 - Slot NR 533-4 |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Project: | Garfield Co., CO (NAD83) | MD Reference: | KB=24' @ 6752.00usft (H&P 318) |
| Site: | NR 23-3 Pad | North Reference: | True |
| Well: | NR 533-4 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #2 | | |

| Formations | | | | | | |
|-----------------------|-----------------------|-----------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 4,216.66 | 3,552.00 | Wasatch G | | 0.00 | | |
| 6,561.75 | 5,452.00 | LWSTC | | 0.00 | | |
| 7,191.23 | 6,032.00 | MVRD | | 0.00 | | |
| 8,390.86 | 7,212.00 | KMVGAS | | 0.00 | | |
| 10,040.86 | 8,862.00 | CME0 | | 0.00 | | |
| 10,930.86 | 9,752.00 | RLNS | | 0.00 | | |
| 11,080.86 | 9,902.00 | TD | | 0.00 | | |

| Plan Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 120.00 | 120.00 | 0.00 | 0.00 | Build 3.00 | |
| 1,357.91 | 1,273.04 | -59.53 | -382.74 | 4557.12 hold | |
| 5,915.03 | 4,905.93 | -482.39 | -3,101.31 | Drop -1.50 | |
| 8,390.86 | 7,212.00 | -601.46 | -3,866.78 | 2690.00 hold | |
| 11,080.86 | 9,902.00 | -601.46 | -3,866.78 | TD at 11080.86 | |