

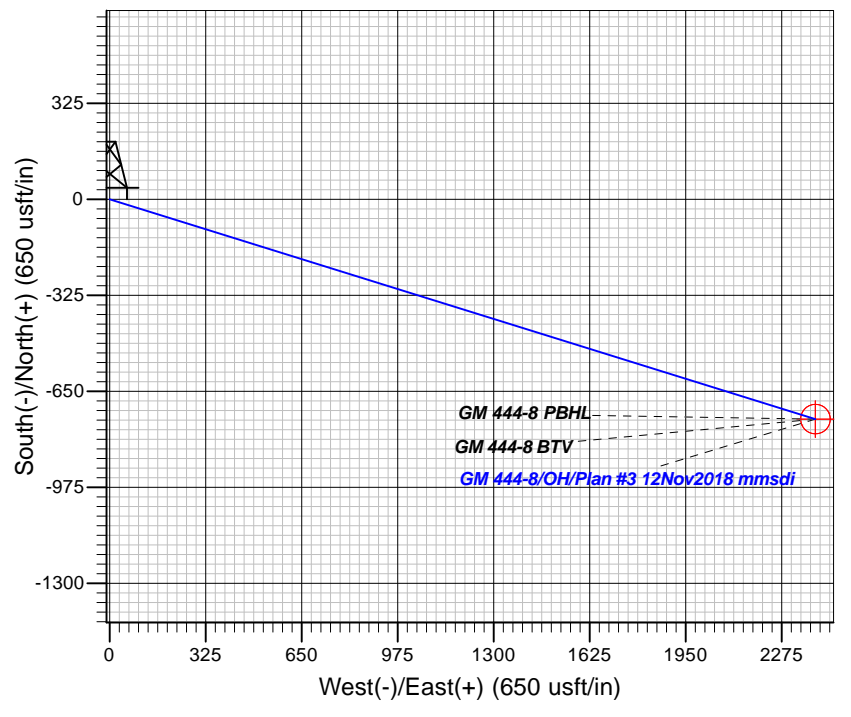
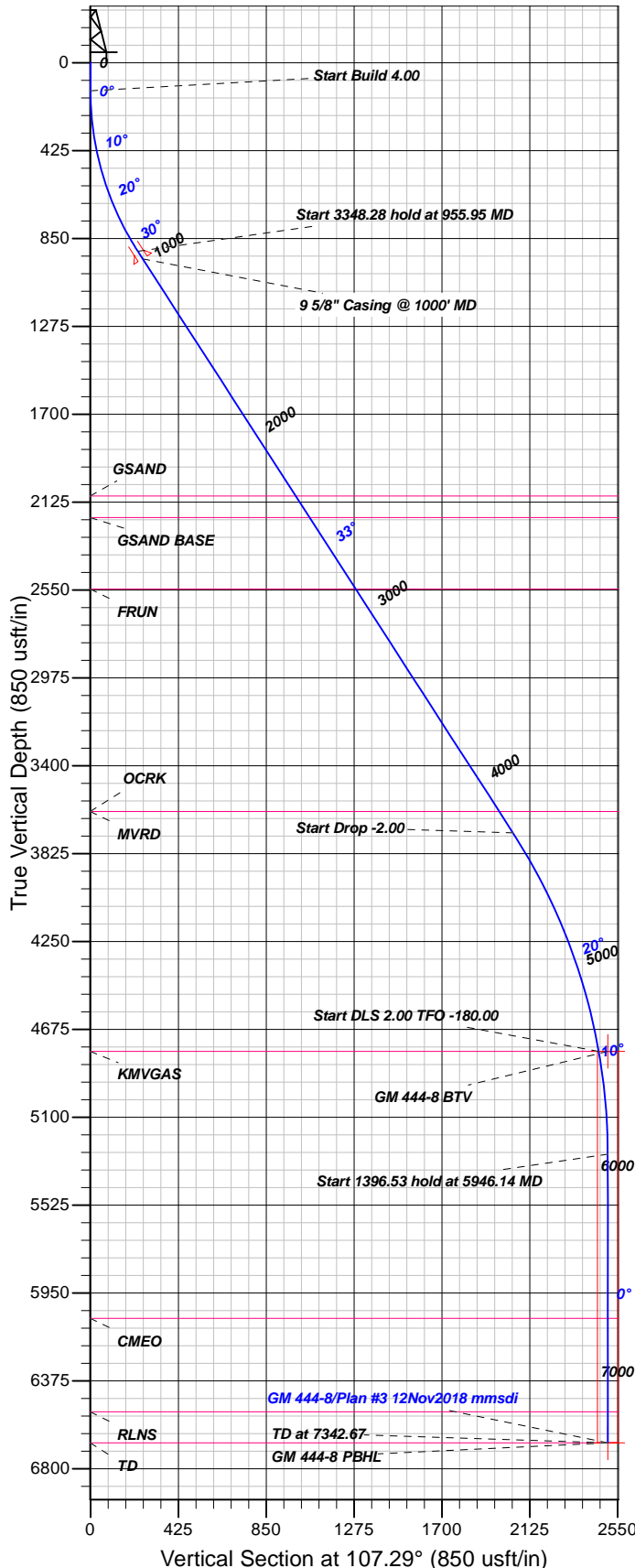


Azimuths to True North
Magnetic North: 9.52°

Magnetic Field
Strength: 51679.1snT
Dip Angle: 65.68°
Date: 6/21/2018
Model: HDGM

Well Details: GM 444-8

GL 6280' & RKB 24' @ 6304.00usft
+N/-S +E/-W Northing Easting Latitude Longitude Slot
0.00 0.00 1599851.26 2256697.44 39.4507921 -108.1326300 GM 444-8 (A8)



FORMATION TOP DETAILS

| TVDP | MD | Formation |
|---------|---------|------------|
| 2095.00 | 2364.25 | GSAND |
| 2200.00 | 2489.22 | GSAND BASE |
| 2545.00 | 2899.83 | FRUN |
| 3621.00 | 4180.47 | MVRD |
| 3621.00 | 4180.47 | OCRK |
| 4781.00 | 5446.14 | KMGAS |
| 6072.00 | 6739.67 | CMEO |
| 6525.00 | 7192.67 | RLNS |
| 6675.00 | 7342.67 | TD |

Plan: Plan #3 12Nov2018 mmsdi

15:24, November 13 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 |
|--------|---------|------------------------|------|
| 948.75 | 1000.00 | 5/8" Casing @ 1000' 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 | 135.00 | 0.00 | 0.00 | 135.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 3 | 955.95 | 32.84 | 107.29 | 911.74 | -68.03 | 218.54 | 4.00 | 107.29 | 228.89 | |
| 4 | 4304.23 | 32.84 | 107.29 | 3724.98 | -607.71 | 1952.15 | 0.00 | 0.00 | 0.00 | |
| 5 | 5446.14 | 10.00 | 107.29 | 4781.00 | -730.84 | 2347.68 | 2.00 | 180.00 | 2458.81 | |
| 6 | 5946.14 | 0.00 | 0.00 | 5278.47 | -743.78 | 2389.24 | 2.00 | -180.00 | 2502.33 | |
| 7 | 7342.67 | 0.00 | 0.00 | 6675.00 | -743.78 | 2389.24 | 0.00 | 0.00 | 2502.33 | GM 444-8 PBHL |

DESIGN TARGET DETAILS

| Name | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Shape |
|------------------------------------------------------------------------------------------------|---------|---------|---------|------------|------------|------------|--------------|------------------------|
| GM 444-8 BTV | 4781.00 | -743.78 | 2389.24 | 1599851.26 | 2256697.44 | 39.4487498 | -108.1241692 | Circle (Radius: 50.00) |
| - plan misses target center by 42.88usft at 5453.29usft MD (4788.05 TVD, -731.21 N, 2348.86 E) | | | | | | | | |
| GM 444-8 PBHL | 6675.00 | -743.78 | 2389.24 | 1599851.26 | 2256697.44 | 39.4487498 | -108.1241692 | Point |
| - plan misses target center by 0.01usft at 7342.67usft MD (6675.00 TVD, -743.78 N, 2389.24 E) | | | | | | | | |



TEP Rocky Mountain LLC

Garfield County, CO NAD83

GV 1-8 Pad

GM 444-8 - Slot GM 444-8 (A8)

OH

Plan: Plan #3 12Nov2018 mmsdi

Standard Planning Report

13 November, 2018



| | | | |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well GM 444-8 - Slot GM 444-8 (A8) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Site: | GV 1-8 Pad | North Reference: | True |
| Well: | GM 444-8 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #3 12Nov2018 mmsdi | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| 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 | GV 1-8 Pad | | | |
| Site Position: | | Northing: | 1,599,836.41 usft | Latitude: 39.4507498 |
| From: Map | | Easting: | 2,256,677.81 usft | Longitude: -108.1326980 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.20 in | Grid Convergence: -1.66 ° |

| | | | | |
|-----------------------------|-------------------------------|------------|----------------------------|-------------------|
| Well | GM 444-8 - Slot GM 444-8 (A8) | | | |
| Well Position | +N/-S | 15.41 usft | Northing: | 1,599,851.26 usft |
| | +E/-W | 19.19 usft | Easting: | 2,256,697.44 usft |
| Position Uncertainty | 0.00 usft | | Wellhead Elevation: | 0.00 usft |
| | | | Ground Level: | 6,280.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 6/21/2018 | 9.52 | 65.68 | 51,679 |

| | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| Design | Plan #3 12Nov2018 mmsdi | | | |
| 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 | 107.29 |

| 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 | |
| 135.00 | 0.00 | 0.00 | 135.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 955.95 | 32.84 | 107.29 | 911.74 | -68.03 | 218.54 | 4.00 | 4.00 | 0.00 | 107.29 | |
| 4,304.23 | 32.84 | 107.29 | 3,724.98 | -607.71 | 1,952.15 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,446.14 | 10.00 | 107.29 | 4,781.00 | -730.84 | 2,347.68 | 2.00 | -2.00 | 0.00 | 180.00 | |
| 5,946.14 | 0.00 | 0.00 | 5,278.47 | -743.78 | 2,389.24 | 2.00 | -2.00 | -21.46 | -180.00 | |
| 7,342.67 | 0.00 | 0.00 | 6,675.00 | -743.78 | 2,389.24 | 0.00 | 0.00 | 0.00 | 0.00 | GM 444-8 PBHL |

| | | | |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well GM 444-8 - Slot GM 444-8 (A8) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Site: | GV 1-8 Pad | North Reference: | True |
| Well: | GM 444-8 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #3 12Nov2018 mmsdi | | |

| 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 |
| 135.00 | 0.00 | 0.00 | 135.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Start Build 4.00 | | | | | | | | | |
| 200.00 | 2.60 | 107.29 | 199.98 | -0.44 | 1.41 | 1.47 | 4.00 | 4.00 | 0.00 |
| 300.00 | 6.60 | 107.29 | 299.64 | -2.82 | 9.06 | 9.49 | 4.00 | 4.00 | 0.00 |
| 400.00 | 10.60 | 107.29 | 398.49 | -7.27 | 23.34 | 24.44 | 4.00 | 4.00 | 0.00 |
| 500.00 | 14.60 | 107.29 | 496.06 | -13.75 | 44.16 | 46.25 | 4.00 | 4.00 | 0.00 |
| 600.00 | 18.60 | 107.29 | 591.88 | -22.24 | 71.43 | 74.82 | 4.00 | 4.00 | 0.00 |
| 700.00 | 22.60 | 107.29 | 685.46 | -32.69 | 105.02 | 109.99 | 4.00 | 4.00 | 0.00 |
| 800.00 | 26.60 | 107.29 | 776.37 | -45.06 | 144.76 | 151.61 | 4.00 | 4.00 | 0.00 |
| 900.00 | 30.60 | 107.29 | 864.15 | -59.29 | 190.46 | 199.47 | 4.00 | 4.00 | 0.00 |
| 955.95 | 32.84 | 107.29 | 911.74 | -68.03 | 218.54 | 228.89 | 4.00 | 4.00 | 0.00 |
| Start 3348.28 hold at 955.95 MD | | | | | | | | | |
| 1,000.00 | 32.84 | 107.29 | 948.75 | -75.13 | 241.35 | 252.77 | 0.00 | 0.00 | 0.00 |
| 9 5/8" Casing @ 1000' MD | | | | | | | | | |
| 1,100.00 | 32.84 | 107.29 | 1,032.77 | -91.25 | 293.13 | 307.00 | 0.00 | 0.00 | 0.00 |
| 1,200.00 | 32.84 | 107.29 | 1,116.79 | -107.37 | 344.90 | 361.23 | 0.00 | 0.00 | 0.00 |
| 1,300.00 | 32.84 | 107.29 | 1,200.81 | -123.49 | 396.68 | 415.45 | 0.00 | 0.00 | 0.00 |
| 1,400.00 | 32.84 | 107.29 | 1,284.83 | -139.60 | 448.45 | 469.68 | 0.00 | 0.00 | 0.00 |
| 1,500.00 | 32.84 | 107.29 | 1,368.85 | -155.72 | 500.23 | 523.91 | 0.00 | 0.00 | 0.00 |
| 1,600.00 | 32.84 | 107.29 | 1,452.87 | -171.84 | 552.01 | 578.13 | 0.00 | 0.00 | 0.00 |
| 1,700.00 | 32.84 | 107.29 | 1,536.89 | -187.96 | 603.78 | 632.36 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 32.84 | 107.29 | 1,620.91 | -204.08 | 655.56 | 686.59 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 32.84 | 107.29 | 1,704.93 | -220.20 | 707.33 | 740.81 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 32.84 | 107.29 | 1,788.95 | -236.31 | 759.11 | 795.04 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 32.84 | 107.29 | 1,872.98 | -252.43 | 810.89 | 849.27 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 32.84 | 107.29 | 1,957.00 | -268.55 | 862.66 | 903.49 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 32.84 | 107.29 | 2,041.02 | -284.67 | 914.44 | 957.72 | 0.00 | 0.00 | 0.00 |
| 2,364.25 | 32.84 | 107.29 | 2,095.00 | -295.02 | 947.70 | 992.56 | 0.00 | 0.00 | 0.00 |
| GSAND | | | | | | | | | |
| 2,400.00 | 32.84 | 107.29 | 2,125.04 | -300.79 | 966.21 | 1,011.95 | 0.00 | 0.00 | 0.00 |
| 2,489.22 | 32.84 | 107.29 | 2,200.00 | -315.17 | 1,012.41 | 1,060.33 | 0.00 | 0.00 | 0.00 |
| GSAND BASE | | | | | | | | | |
| 2,500.00 | 32.84 | 107.29 | 2,209.06 | -316.90 | 1,017.99 | 1,066.18 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 32.84 | 107.29 | 2,293.08 | -333.02 | 1,069.77 | 1,120.40 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 32.84 | 107.29 | 2,377.10 | -349.14 | 1,121.54 | 1,174.63 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 32.84 | 107.29 | 2,461.12 | -365.26 | 1,173.32 | 1,228.86 | 0.00 | 0.00 | 0.00 |
| 2,899.83 | 32.84 | 107.29 | 2,545.00 | -381.35 | 1,225.01 | 1,282.99 | 0.00 | 0.00 | 0.00 |
| FRUN | | | | | | | | | |
| 2,900.00 | 32.84 | 107.29 | 2,545.14 | -381.38 | 1,225.09 | 1,283.08 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 32.84 | 107.29 | 2,629.16 | -397.49 | 1,276.87 | 1,337.31 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 32.84 | 107.29 | 2,713.18 | -413.61 | 1,328.65 | 1,391.54 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 32.84 | 107.29 | 2,797.20 | -429.73 | 1,380.42 | 1,445.76 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 32.84 | 107.29 | 2,881.22 | -445.85 | 1,432.20 | 1,499.99 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 32.84 | 107.29 | 2,965.24 | -461.97 | 1,483.97 | 1,554.22 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 32.84 | 107.29 | 3,049.26 | -478.08 | 1,535.75 | 1,608.44 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 32.84 | 107.29 | 3,133.28 | -494.20 | 1,587.53 | 1,662.67 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 32.84 | 107.29 | 3,217.30 | -510.32 | 1,639.30 | 1,716.90 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 32.84 | 107.29 | 3,301.32 | -526.44 | 1,691.08 | 1,771.12 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 32.84 | 107.29 | 3,385.35 | -542.56 | 1,742.85 | 1,825.35 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 32.84 | 107.29 | 3,469.37 | -558.67 | 1,794.63 | 1,879.58 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 32.84 | 107.29 | 3,553.39 | -574.79 | 1,846.41 | 1,933.80 | 0.00 | 0.00 | 0.00 |

| | | | |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well GM 444-8 - Slot GM 444-8 (A8) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Site: | GV 1-8 Pad | North Reference: | True |
| Well: | GM 444-8 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #3 12Nov2018 mmsdi | | |

| 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) | |
| 4,180.47 | 32.84 | 107.29 | 3,621.00 | -587.76 | 1,888.07 | 1,977.44 | 0.00 | 0.00 | 0.00 | |
| OCRK - MVRD | | | | | | | | | | |
| 4,200.00 | 32.84 | 107.29 | 3,637.41 | -590.91 | 1,898.18 | 1,988.03 | 0.00 | 0.00 | 0.00 | |
| 4,300.00 | 32.84 | 107.29 | 3,721.43 | -607.03 | 1,949.96 | 2,042.26 | 0.00 | 0.00 | 0.00 | |
| 4,304.23 | 32.84 | 107.29 | 3,724.98 | -607.71 | 1,952.15 | 2,044.55 | 0.00 | 0.00 | 0.00 | |
| Start Drop -2.00 | | | | | | | | | | |
| 4,400.00 | 30.92 | 107.29 | 3,806.30 | -622.74 | 2,000.44 | 2,095.13 | 2.00 | -2.00 | 0.00 | |
| 4,500.00 | 28.92 | 107.29 | 3,892.97 | -637.57 | 2,048.07 | 2,145.01 | 2.00 | -2.00 | 0.00 | |
| 4,600.00 | 26.92 | 107.29 | 3,981.32 | -651.49 | 2,092.78 | 2,191.84 | 2.00 | -2.00 | 0.00 | |
| 4,700.00 | 24.92 | 107.29 | 4,071.25 | -664.48 | 2,134.51 | 2,235.55 | 2.00 | -2.00 | 0.00 | |
| 4,800.00 | 22.92 | 107.29 | 4,162.66 | -676.53 | 2,173.23 | 2,276.10 | 2.00 | -2.00 | 0.00 | |
| 4,900.00 | 20.92 | 107.29 | 4,255.42 | -687.63 | 2,208.88 | 2,313.43 | 2.00 | -2.00 | 0.00 | |
| 5,000.00 | 18.92 | 107.29 | 4,349.43 | -697.76 | 2,241.41 | 2,347.51 | 2.00 | -2.00 | 0.00 | |
| 5,100.00 | 16.92 | 107.29 | 4,444.58 | -706.90 | 2,270.79 | 2,378.28 | 2.00 | -2.00 | 0.00 | |
| 5,200.00 | 14.92 | 107.29 | 4,540.73 | -715.06 | 2,296.98 | 2,405.71 | 2.00 | -2.00 | 0.00 | |
| 5,300.00 | 12.92 | 107.29 | 4,637.79 | -722.21 | 2,319.96 | 2,429.77 | 2.00 | -2.00 | 0.00 | |
| 5,400.00 | 10.92 | 107.29 | 4,735.63 | -728.35 | 2,339.68 | 2,450.43 | 2.00 | -2.00 | 0.00 | |
| 5,446.14 | 10.00 | 107.29 | 4,781.00 | -730.84 | 2,347.68 | 2,458.81 | 2.00 | -2.00 | 0.00 | |
| Start DLS 2.00 TFO -180.00 - KMGAS | | | | | | | | | | |
| 5,453.29 | 9.86 | 107.29 | 4,788.05 | -731.21 | 2,348.86 | 2,460.04 | 2.00 | -2.00 | 0.00 | |
| GM 444-8 BTV | | | | | | | | | | |
| 5,500.00 | 8.92 | 107.29 | 4,834.13 | -733.47 | 2,356.13 | 2,467.66 | 2.00 | -2.00 | 0.00 | |
| 5,600.00 | 6.92 | 107.29 | 4,933.17 | -737.57 | 2,369.29 | 2,481.44 | 2.00 | -2.00 | 0.00 | |
| 5,700.00 | 4.92 | 107.29 | 5,032.63 | -740.64 | 2,379.15 | 2,491.76 | 2.00 | -2.00 | 0.00 | |
| 5,800.00 | 2.92 | 107.29 | 5,132.39 | -742.67 | 2,385.68 | 2,498.60 | 2.00 | -2.00 | 0.00 | |
| 5,900.00 | 0.92 | 107.29 | 5,232.33 | -743.67 | 2,388.88 | 2,501.96 | 2.00 | -2.00 | 0.00 | |
| 5,946.14 | 0.00 | 0.00 | 5,278.47 | -743.78 | 2,389.24 | 2,502.33 | 2.00 | -2.00 | 0.00 | |
| Start 1396.53 hold at 5946.14 MD | | | | | | | | | | |
| 6,000.00 | 0.00 | 0.00 | 5,332.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,100.00 | 0.00 | 0.00 | 5,432.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,200.00 | 0.00 | 0.00 | 5,532.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,300.00 | 0.00 | 0.00 | 5,632.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,400.00 | 0.00 | 0.00 | 5,732.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,500.00 | 0.00 | 0.00 | 5,832.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,600.00 | 0.00 | 0.00 | 5,932.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,700.00 | 0.00 | 0.00 | 6,032.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,739.67 | 0.00 | 0.00 | 6,072.00 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| CME0 | | | | | | | | | | |
| 6,800.00 | 0.00 | 0.00 | 6,132.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 6,900.00 | 0.00 | 0.00 | 6,232.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 7,000.00 | 0.00 | 0.00 | 6,332.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 7,100.00 | 0.00 | 0.00 | 6,432.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 7,192.67 | 0.00 | 0.00 | 6,525.00 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| RLNS | | | | | | | | | | |
| 7,200.00 | 0.00 | 0.00 | 6,532.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 7,300.00 | 0.00 | 0.00 | 6,632.33 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| 7,342.67 | 0.00 | 0.00 | 6,675.00 | -743.78 | 2,389.24 | 2,502.33 | 0.00 | 0.00 | 0.00 | |
| TD at 7342.67 - TD - GM 444-8 PBHL | | | | | | | | | | |

| | | | |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| Database: | Grand Junction District | Local Co-ordinate Reference: | Well GM 444-8 - Slot GM 444-8 (A8) |
| Company: | TEP Rocky Mountain LLC | TVD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Project: | Garfield County, CO NAD83 | MD Reference: | GL 6280' & RKB 24' @ 6304.00usft |
| Site: | GV 1-8 Pad | North Reference: | True |
| Well: | GM 444-8 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | OH | | |
| Design: | Plan #3 12Nov2018 mmsdi | | |

| Design Targets | | | | | | | | | |
|------------------------------------------------------------------------------------------------|-----------|----------|----------|---------|----------|--------------|--------------|------------|--------------|
| Target Name | | | | | | | | | |
| - hit/miss target | Dip Angle | Dip Dir. | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| - Shape | (°) | (°) | (usft) | (usft) | (usft) | (usft) | (usft) | | |
| GM 444-8 BTV | 0.00 | 0.00 | 4,781.00 | -743.78 | 2,389.24 | 1,599,038.56 | 2,259,064.13 | 39.4487498 | -108.1241692 |
| - plan misses target center by 42.88usft at 5453.29usft MD (4788.05 TVD, -731.21 N, 2348.86 E) | | | | | | | | | |
| - Circle (radius 50.00) | | | | | | | | | |
| GM 444-8 PBHL | 0.00 | 0.00 | 6,675.00 | -743.78 | 2,389.24 | 1,599,038.56 | 2,259,064.13 | 39.4487498 | -108.1241692 |
| - plan misses target center by 0.01usft at 7342.67usft MD (6675.00 TVD, -743.78 N, 2389.24 E) | | | | | | | | | |
| - Point | | | | | | | | | |

| Casing Points | | | | |
|-----------------------|-----------------------|--------------------------|----------------------|--------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Casing Diameter (in) | Hole Diameter (in) |
| 1,000.00 | 948.75 | 9 5/8" Casing @ 1000' MD | 9.62 | 13.50 |

| Formations | | | | | |
|-----------------------|-----------------------|------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | Lithology | Dip (°) | Dip Direction (°) |
| 2,364.25 | 2,095.00 | GSAND | | 0.00 | 0.00 |
| 2,489.22 | 2,200.00 | GSAND BASE | | 0.00 | 0.00 |
| 2,899.83 | 2,545.00 | FRUN | | 0.00 | 0.00 |
| 4,180.47 | 3,621.00 | OCRK | | 0.00 | 0.00 |
| 4,180.47 | 3,621.00 | MVRD | | 0.00 | 0.00 |
| 5,446.14 | 4,781.00 | KMVGAS | | 0.00 | 0.00 |
| 6,739.67 | 6,072.00 | CME0 | | 0.00 | 0.00 |
| 7,192.67 | 6,525.00 | RLNS | | 0.00 | 0.00 |
| 7,342.67 | 6,675.00 | TD | | 0.00 | 0.00 |

| Plan Annotations | | | | |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment |
| | | +N/-S (usft) | +E/-W (usft) | |
| 135.00 | 135.00 | 0.00 | 0.00 | Start Build 4.00 |
| 955.95 | 911.74 | -68.03 | 218.54 | Start 3348.28 hold at 955.95 MD |
| 4,304.23 | 3,724.98 | -607.71 | 1,952.15 | Start Drop -2.00 |
| 5,446.14 | 4,781.00 | -730.84 | 2,347.68 | Start DLS 2.00 TFO -180.00 |
| 5,946.14 | 5,278.47 | -743.78 | 2,389.24 | Start 1396.53 hold at 5946.14 MD |
| 7,342.67 | 6,675.00 | -743.78 | 2,389.24 | TD at 7342.67 |