

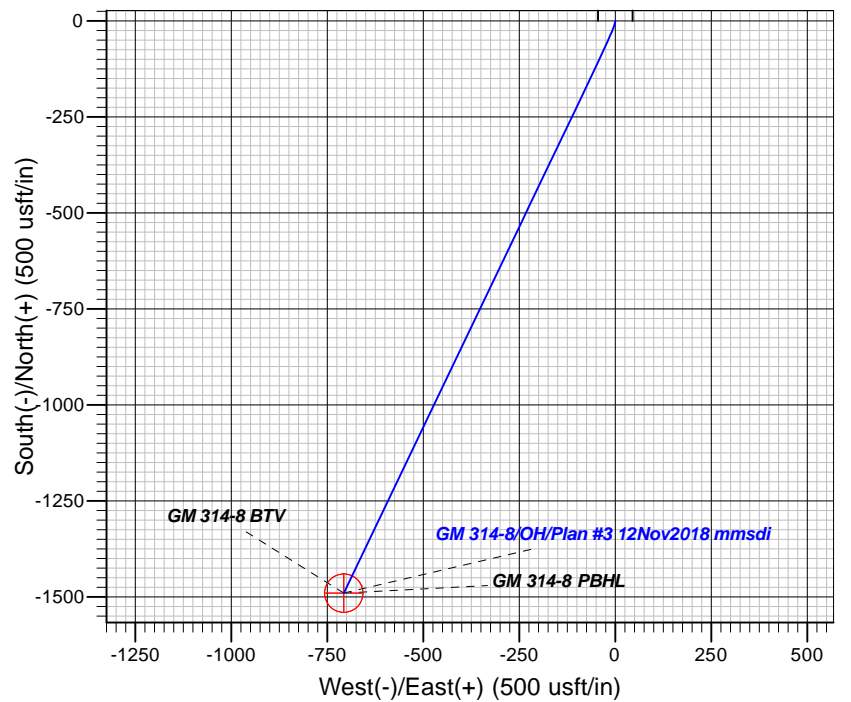
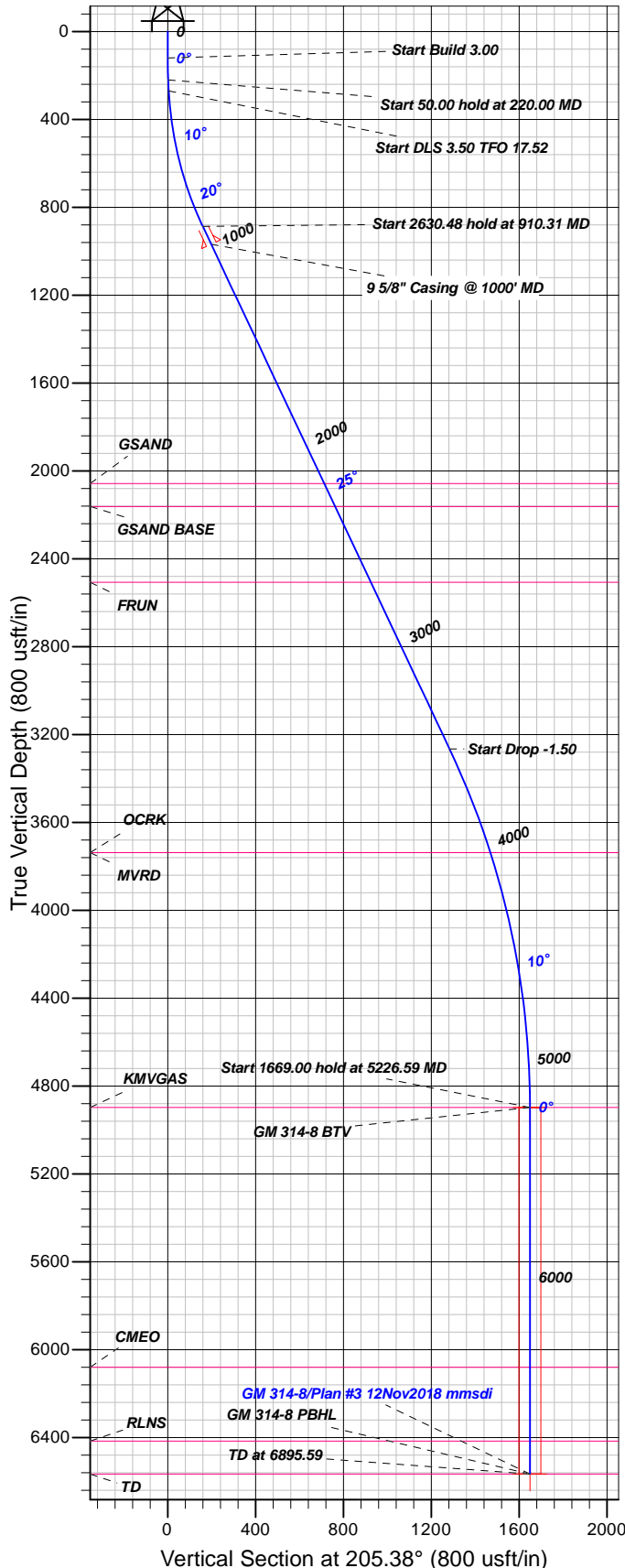


Azimuths to True North  
Magnetic North: 9.52°

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

## Well Details: GM 314-8

| +N/-S | +E/-W | Northing   | GL 6280' & RKB 24' @ 6304.00usft<br>Easting | Latitude   | Longitude    | Slot          |
|-------|-------|------------|---|------------|--------------|---------------|
| 0.00  | 0.00  | 1599823.29 | 2256670.55                                  | 39.4507132 | -108.1327223 | GM 314-8 (B3) |



## FORMATION TOP DETAILS

| TVDP    | MD      | Formation  |
|---------|---------|------------|
| 2057.00 | 2204.34 | GSAND      |
| 2162.00 | 2320.46 | GSAND BASE |
| 2507.00 | 2702.03 | FRUN       |
| 3737.00 | 4047.98 | MVRD       |
| 3737.00 | 4047.98 | OCRK       |
| 4897.00 | 5226.59 | KMGAS      |
| 6080.00 | 6409.59 | CMEO       |
| 6416.00 | 6745.59 | RLNS       |
| 6566.00 | 6895.59 | TD         |

Plan: Plan #3 12Nov2018 mmsdi

14:35, 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 |
|--------|---------|------------------------|------|
| 968.06 | 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   | 120.00  | 0.00  | 0.00   | 120.00  | 0.00     | 0.00    | 0.00 | 0.00   | 0.00    |               |
| 3   | 220.00  | 3.00  | 190.00 | 219.95  | -2.58    | -0.45   | 3.00 | 190.00 | 2.52    |               |
| 4   | 270.00  | 3.00  | 190.00 | 269.89  | -5.15    | -0.91   | 0.00 | 0.00   | 5.05    |               |
| 5   | 910.31  | 25.29 | 205.59 | 886.97  | -146.81  | -63.69  | 3.50 | 17.52  | 159.94  |               |
| 6   | 3540.79 | 25.29 | 205.59 | 3265.40 | -1160.20 | -549.02 | 0.00 | 0.00   | 1283.55 |               |
| 7   | 5226.59 | 0.00  | 0.00   | 4897.00 | -1490.31 | -707.11 | 1.50 | 180.00 | 1649.55 | GM 314-8 BTV  |
| 8   | 6895.59 | 0.00  | 0.00   | 6566.00 | -1490.31 | -707.11 | 0.00 | 0.00   | 1649.55 | GM 314-8 PBHL |

## DESIGN TARGET DETAILS

| Name                      | TVD     | +N/-S    | +E/-W   | Northing   | Easting    | Latitude   | Longitude    | Shape                  |
|---------------------------|---------|----------|---------|------------|------------|------------|--------------|------------------------|
| GM 314-8 BTV              | 4897.00 | -1490.31 | -707.11 | 1598354.10 | 2255920.55 | 39.4466216 | -108.1352263 | Circle (Radius: 50.00) |
| - plan hits target center |         |          |         |            |            |            |              |                        |
| GM 314-8 PBHL             | 6566.00 | -1490.31 | -707.11 | 1598354.10 | 2255920.55 | 39.4466216 | -108.1352263 | Point                  |
| - plan hits target center |         |          |         |            |            |            |              |                        |



# **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**GV 1-8 Pad**

**GM 314-8 - Slot GM 314-8 (B3)**

**OH**

**Plan: Plan #3 12Nov2018 mmsdi**

## **Standard Planning Report**

**13 November, 2018**



|                  |                           |                                     |                                    |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well GM 314-8 - Slot GM 314-8 (B3) |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Site:</b>     | GV 1-8 Pad                | <b>North Reference:</b>             | True                               |
| <b>Well:</b>     | GM 314-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                  |
| <b>Wellbore:</b> | OH                        |                                     |                                    |
| <b>Design:</b>   | Plan #3 12Nov2018 mmsdi   |                                     |                                    |

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

|                             |                               |             |                            |                   |
|-----------------------------|-------------------------------|-------------|----------------------------|-------------------|
| <b>Well</b>                 | GM 314-8 - Slot GM 314-8 (B3) |             |                            |                   |
| <b>Well Position</b>        | <b>+N/-S</b>                  | -13.32 usft | <b>Northing:</b>           | 1,599,823.29 usft |
|                             | <b>+E/-W</b>                  | -6.88 usft  | <b>Easting:</b>            | 2,256,670.55 usft |
| <b>Position Uncertainty</b> | 0.00 usft                     |             | <b>Wellhead Elevation:</b> | 0.00 usft         |
|                             |                               |             | <b>Ground Level:</b>       | 6,280.00 usft     |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <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> |
|                  | HDGM              | 6/21/2018          | 9.52                   | 65.68                | 51,679                     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #3 12Nov2018 mmsdi        |                     |                      |                      |
| <b>Audit Notes:</b>      |                                |                     |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                  | PLAN                | <b>Tie On Depth:</b> | 0.00                 |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b>  | <b>Direction (°)</b> |
|                          | 0.00                           | 0.00                | 0.00                 | 205.38               |

| <b>Plan Sections</b>  |                 |             |                       |              |              |                         |                        |                       |         |               |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|---------------|
| 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    |               |
| 220.00                | 3.00            | 190.00      | 219.95                | -2.58        | -0.45        | 3.00                    | 3.00                   | 0.00                  | 190.00  |               |
| 270.00                | 3.00            | 190.00      | 269.89                | -5.15        | -0.91        | 0.00                    | 0.00                   | 0.00                  | 0.00    |               |
| 910.31                | 25.29           | 205.59      | 886.97                | -146.81      | -63.69       | 3.50                    | 3.48                   | 2.43                  | 17.52   |               |
| 3,540.79              | 25.29           | 205.59      | 3,265.40              | -1,160.20    | -549.02      | 0.00                    | 0.00                   | 0.00                  | 0.00    |               |
| 5,226.59              | 0.00            | 0.00        | 4,897.00              | -1,490.31    | -707.11      | 1.50                    | -1.50                  | 0.00                  | 180.00  | GM 314-8 BTV  |
| 6,895.59              | 0.00            | 0.00        | 6,566.00              | -1,490.31    | -707.11      | 0.00                    | 0.00                   | 0.00                  | 0.00    | GM 314-8 PBHL |

|                  |                           |                                     |                                    |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well GM 314-8 - Slot GM 314-8 (B3) |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Site:</b>     | GV 1-8 Pad                | <b>North Reference:</b>             | True                               |
| <b>Well:</b>     | GM 314-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                  |
| <b>Wellbore:</b> | OH                        |                                     |                                    |
| <b>Design:</b>   | 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                  |
| 120.00                          | 0.00            | 0.00        | 120.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| Start Build 3.00                |                 |             |                       |              |              |                         |                         |                        |                       |
| 200.00                          | 2.40            | 190.00      | 199.98                | -1.65        | -0.29        | 1.62                    | 3.00                    | 3.00                   | 0.00                  |
| 220.00                          | 3.00            | 190.00      | 219.95                | -2.58        | -0.45        | 2.52                    | 3.00                    | 3.00                   | 0.00                  |
| Start 50.00 hold at 220.00 MD   |                 |             |                       |              |              |                         |                         |                        |                       |
| 270.00                          | 3.00            | 190.00      | 269.89                | -5.15        | -0.91        | 5.05                    | 0.00                    | 0.00                   | 0.00                  |
| Start DLS 3.50 TFO 17.52        |                 |             |                       |              |              |                         |                         |                        |                       |
| 300.00                          | 4.01            | 194.52      | 299.83                | -6.94        | -1.31        | 6.83                    | 3.50                    | 3.38                   | 15.07                 |
| 400.00                          | 7.47            | 200.59      | 399.31                | -16.42       | -4.47        | 16.75                   | 3.50                    | 3.45                   | 6.07                  |
| 500.00                          | 10.95           | 202.83      | 498.01                | -31.25       | -10.44       | 32.71                   | 3.50                    | 3.48                   | 2.23                  |
| 600.00                          | 14.44           | 203.99      | 595.55                | -51.40       | -19.20       | 54.67                   | 3.50                    | 3.49                   | 1.16                  |
| 700.00                          | 17.93           | 204.71      | 691.57                | -76.79       | -30.71       | 82.54                   | 3.50                    | 3.49                   | 0.72                  |
| 800.00                          | 21.43           | 205.20      | 785.72                | -107.31      | -44.93       | 116.21                  | 3.50                    | 3.50                   | 0.49                  |
| 900.00                          | 24.93           | 205.56      | 877.63                | -142.86      | -61.80       | 155.56                  | 3.50                    | 3.50                   | 0.36                  |
| 910.31                          | 25.29           | 205.59      | 886.97                | -146.81      | -63.69       | 159.94                  | 3.50                    | 3.50                   | 0.31                  |
| Start 2630.48 hold at 910.31 MD |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,000.00                        | 25.29           | 205.59      | 968.06                | -181.36      | -80.24       | 198.25                  | 0.00                    | 0.00                   | 0.00                  |
| 9 5/8" Casing @ 1000' MD        |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,100.00                        | 25.29           | 205.59      | 1,058.48              | -219.88      | -98.69       | 240.96                  | 0.00                    | 0.00                   | 0.00                  |
| 1,200.00                        | 25.29           | 205.59      | 1,148.90              | -258.41      | -117.14      | 283.68                  | 0.00                    | 0.00                   | 0.00                  |
| 1,300.00                        | 25.29           | 205.59      | 1,239.32              | -296.93      | -135.59      | 326.39                  | 0.00                    | 0.00                   | 0.00                  |
| 1,400.00                        | 25.29           | 205.59      | 1,329.74              | -335.46      | -154.04      | 369.11                  | 0.00                    | 0.00                   | 0.00                  |
| 1,500.00                        | 25.29           | 205.59      | 1,420.15              | -373.98      | -172.49      | 411.82                  | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00                        | 25.29           | 205.59      | 1,510.57              | -412.51      | -190.94      | 454.54                  | 0.00                    | 0.00                   | 0.00                  |
| 1,700.00                        | 25.29           | 205.59      | 1,600.99              | -451.03      | -209.39      | 497.25                  | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00                        | 25.29           | 205.59      | 1,691.41              | -489.56      | -227.84      | 539.97                  | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00                        | 25.29           | 205.59      | 1,781.82              | -528.08      | -246.29      | 582.68                  | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00                        | 25.29           | 205.59      | 1,872.24              | -566.61      | -264.74      | 625.40                  | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00                        | 25.29           | 205.59      | 1,962.66              | -605.13      | -283.19      | 668.11                  | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00                        | 25.29           | 205.59      | 2,053.08              | -643.66      | -301.64      | 710.83                  | 0.00                    | 0.00                   | 0.00                  |
| 2,204.34                        | 25.29           | 205.59      | 2,057.00              | -645.33      | -302.44      | 712.68                  | 0.00                    | 0.00                   | 0.00                  |
| GSAND                           |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,300.00                        | 25.29           | 205.59      | 2,143.50              | -682.18      | -320.09      | 753.54                  | 0.00                    | 0.00                   | 0.00                  |
| 2,320.46                        | 25.29           | 205.59      | 2,162.00              | -690.07      | -323.87      | 762.28                  | 0.00                    | 0.00                   | 0.00                  |
| GSAND BASE                      |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,400.00                        | 25.29           | 205.59      | 2,233.91              | -720.71      | -338.54      | 796.26                  | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00                        | 25.29           | 205.59      | 2,324.33              | -759.24      | -356.99      | 838.97                  | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00                        | 25.29           | 205.59      | 2,414.75              | -797.76      | -375.44      | 881.69                  | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00                        | 25.29           | 205.59      | 2,505.17              | -836.29      | -393.89      | 924.40                  | 0.00                    | 0.00                   | 0.00                  |
| 2,702.03                        | 25.29           | 205.59      | 2,507.00              | -837.07      | -394.27      | 925.27                  | 0.00                    | 0.00                   | 0.00                  |
| FRUN                            |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,800.00                        | 25.29           | 205.59      | 2,595.59              | -874.81      | -412.34      | 967.12                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00                        | 25.29           | 205.59      | 2,686.00              | -913.34      | -430.79      | 1,009.83                | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                        | 25.29           | 205.59      | 2,776.42              | -951.86      | -449.24      | 1,052.55                | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                        | 25.29           | 205.59      | 2,866.84              | -990.39      | -467.69      | 1,095.26                | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                        | 25.29           | 205.59      | 2,957.26              | -1,028.91    | -486.14      | 1,137.98                | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                        | 25.29           | 205.59      | 3,047.68              | -1,067.44    | -504.59      | 1,180.69                | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                        | 25.29           | 205.59      | 3,138.09              | -1,105.96    | -523.05      | 1,223.41                | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                        | 25.29           | 205.59      | 3,228.51              | -1,144.49    | -541.50      | 1,266.12                | 0.00                    | 0.00                   | 0.00                  |
| 3,540.79                        | 25.29           | 205.59      | 3,265.40              | -1,160.20    | -549.02      | 1,283.55                | 0.00                    | 0.00                   | 0.00                  |
| Start Drop -1.50                |                 |             |                       |              |              |                         |                         |                        |                       |

|                  |                           |                                     |                                    |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well GM 314-8 - Slot GM 314-8 (B3) |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Site:</b>     | GV 1-8 Pad                | <b>North Reference:</b>             | True                               |
| <b>Well:</b>     | GM 314-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                  |
| <b>Wellbore:</b> | OH                        |                                     |                                    |
| <b>Design:</b>   | 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) |
| 3,600.00   | 24.40           | 205.59      | 3,319.12              | -1,182.64    | -559.77      | 1,308.42                | 1.50                    | -1.50                  | 0.00                  |
| 3,700.00   | 22.90           | 205.59      | 3,410.72              | -1,218.81    | -577.09      | 1,348.53                | 1.50                    | -1.50                  | 0.00                  |
| 3,800.00   | 21.40           | 205.59      | 3,503.34              | -1,252.82    | -593.38      | 1,386.23                | 1.50                    | -1.50                  | 0.00                  |
| 3,900.00   | 19.90           | 205.59      | 3,596.91              | -1,284.62    | -608.61      | 1,421.50                | 1.50                    | -1.50                  | 0.00                  |
| 4,000.00   | 18.40           | 205.59      | 3,691.38              | -1,314.20    | -622.78      | 1,454.30                | 1.50                    | -1.50                  | 0.00                  |
| 4,047.98   | 17.68           | 205.59      | 3,737.00              | -1,327.60    | -629.19      | 1,469.15                | 1.50                    | -1.50                  | 0.00                  |
| <b>OCRK - MVRD</b>   |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,100.00   | 16.90           | 205.59      | 3,786.67              | -1,341.55    | -635.87      | 1,484.61                | 1.50                    | -1.50                  | 0.00                  |
| 4,200.00   | 15.40           | 205.59      | 3,882.72              | -1,366.63    | -647.88      | 1,512.43                | 1.50                    | -1.50                  | 0.00                  |
| 4,300.00   | 13.90           | 205.59      | 3,979.47              | -1,389.44    | -658.81      | 1,537.71                | 1.50                    | -1.50                  | 0.00                  |
| 4,400.00   | 12.40           | 205.59      | 4,076.84              | -1,409.95    | -668.63      | 1,560.46                | 1.50                    | -1.50                  | 0.00                  |
| 4,500.00   | 10.90           | 205.59      | 4,174.78              | -1,428.16    | -677.35      | 1,580.65                | 1.50                    | -1.50                  | 0.00                  |
| 4,600.00   | 9.40            | 205.59      | 4,273.21              | -1,444.06    | -684.96      | 1,598.27                | 1.50                    | -1.50                  | 0.00                  |
| 4,700.00   | 7.90            | 205.59      | 4,372.07              | -1,457.62    | -691.46      | 1,613.31                | 1.50                    | -1.50                  | 0.00                  |
| 4,800.00   | 6.40            | 205.59      | 4,471.29              | -1,468.84    | -696.84      | 1,625.75                | 1.50                    | -1.50                  | 0.00                  |
| 4,900.00   | 4.90            | 205.59      | 4,570.80              | -1,477.72    | -701.09      | 1,635.60                | 1.50                    | -1.50                  | 0.00                  |
| 5,000.00   | 3.40            | 205.59      | 4,670.54              | -1,484.25    | -704.21      | 1,642.83                | 1.50                    | -1.50                  | 0.00                  |
| 5,100.00   | 1.90            | 205.59      | 4,770.43              | -1,488.41    | -706.21      | 1,647.45                | 1.50                    | -1.50                  | 0.00                  |
| 5,200.00   | 0.40            | 205.59      | 4,870.41              | -1,490.22    | -707.07      | 1,649.46                | 1.50                    | -1.50                  | 0.00                  |
| 5,226.59   | 0.00            | 0.00        | 4,897.00              | -1,490.31    | -707.11      | 1,649.55                | 1.50                    | -1.50                  | 0.00                  |
| <b>Start 1669.00 hold at 5226.59 MD - KMGAS - GM 314-8 BTV</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 5,300.00   | 0.00            | 0.00        | 4,970.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00   | 0.00            | 0.00        | 5,070.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00   | 0.00            | 0.00        | 5,170.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00   | 0.00            | 0.00        | 5,270.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00   | 0.00            | 0.00        | 5,370.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00   | 0.00            | 0.00        | 5,470.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00   | 0.00            | 0.00        | 5,570.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00   | 0.00            | 0.00        | 5,670.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00   | 0.00            | 0.00        | 5,770.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00   | 0.00            | 0.00        | 5,870.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00   | 0.00            | 0.00        | 5,970.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00   | 0.00            | 0.00        | 6,070.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,409.59   | 0.00            | 0.00        | 6,080.00              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| <b>CME0</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,500.00   | 0.00            | 0.00        | 6,170.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00   | 0.00            | 0.00        | 6,270.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00   | 0.00            | 0.00        | 6,370.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,745.59   | 0.00            | 0.00        | 6,416.00              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| <b>RLNS</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,800.00   | 0.00            | 0.00        | 6,470.41              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| 6,895.59   | 0.00            | 0.00        | 6,566.00              | -1,490.31    | -707.11      | 1,649.55                | 0.00                    | 0.00                   | 0.00                  |
| <b>TD at 6895.59 - TD - GM 314-8 PBHL</b>                      |                 |             |                       |              |              |                         |                         |                        |                       |

|                  |                           |                                     |                                    |
|------------------|---------------------------|-------------------------------------|------------------------------------|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well GM 314-8 - Slot GM 314-8 (B3) |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 6280' & RKB 24' @ 6304.00usft   |
| <b>Site:</b>     | GV 1-8 Pad                | <b>North Reference:</b>             | True                               |
| <b>Well:</b>     | GM 314-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                  |
| <b>Wellbore:</b> | OH                        |                                     |                                    |
| <b>Design:</b>   | 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 314-8 BTV              | 0.00      | 0.00     | 4,897.00 | -1,490.31 | -707.11 | 1,598,354.10 | 2,255,920.55 | 39.4466216 | -108.1352263 |
| - plan hits target center |           |          |          |           |         |              |              |            |              |
| - Circle (radius 50.00)   |           |          |          |           |         |              |              |            |              |
| GM 314-8 PBHL             | 0.00      | 0.00     | 6,566.00 | -1,490.31 | -707.11 | 1,598,354.10 | 2,255,920.55 | 39.4466216 | -108.1352263 |
| - plan hits target center |           |          |          |           |         |              |              |            |              |
| - Point                   |           |          |          |           |         |              |              |            |              |

| Casing Points         |                       |                          |                      |                    |
|-----------------------|-----------------------|--------------------------|----------------------|--------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name                     | Casing Diameter (in) | Hole Diameter (in) |
| 1,000.00              | 968.06                | 9 5/8" Casing @ 1000' MD | 9.62                 | 13.50              |

| Formations            |                       |            |           |         |                   |
|-----------------------|-----------------------|------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name       | Lithology | Dip (°) | Dip Direction (°) |
| 2,204.34              | 2,057.00              | GSAND      |           | 0.00    | 0.00              |
| 2,320.46              | 2,162.00              | GSAND BASE |           | 0.00    | 0.00              |
| 2,702.03              | 2,507.00              | FRUN       |           | 0.00    | 0.00              |
| 4,047.98              | 3,737.00              | OCRK       |           | 0.00    | 0.00              |
| 4,047.98              | 3,737.00              | MVRD       |           | 0.00    | 0.00              |
| 5,226.59              | 4,897.00              | KMVGAS     |           | 0.00    | 0.00              |
| 6,409.59              | 6,080.00              | CME0       |           | 0.00    | 0.00              |
| 6,745.59              | 6,416.00              | RLNS       |           | 0.00    | 0.00              |
| 6,895.59              | 6,566.00              | TD         |           | 0.00    | 0.00              |

| Plan Annotations      |                       |                   |              |                                  |
|-----------------------|-----------------------|-------------------|--------------|----------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                          |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                  |
| 120.00                | 120.00                | 0.00              | 0.00         | Start Build 3.00                 |
| 220.00                | 219.95                | -2.58             | -0.45        | Start 50.00 hold at 220.00 MD    |
| 270.00                | 269.89                | -5.15             | -0.91        | Start DLS 3.50 TFO 17.52         |
| 910.31                | 886.97                | -146.81           | -63.69       | Start 2630.48 hold at 910.31 MD  |
| 3,540.79              | 3,265.40              | -1,160.20         | -549.02      | Start Drop -1.50                 |
| 5,226.59              | 4,897.00              | -1,490.31         | -707.11      | Start 1669.00 hold at 5226.59 MD |
| 6,895.59              | 6,566.00              | -1,490.31         | -707.11      | TD at 6895.59                    |