

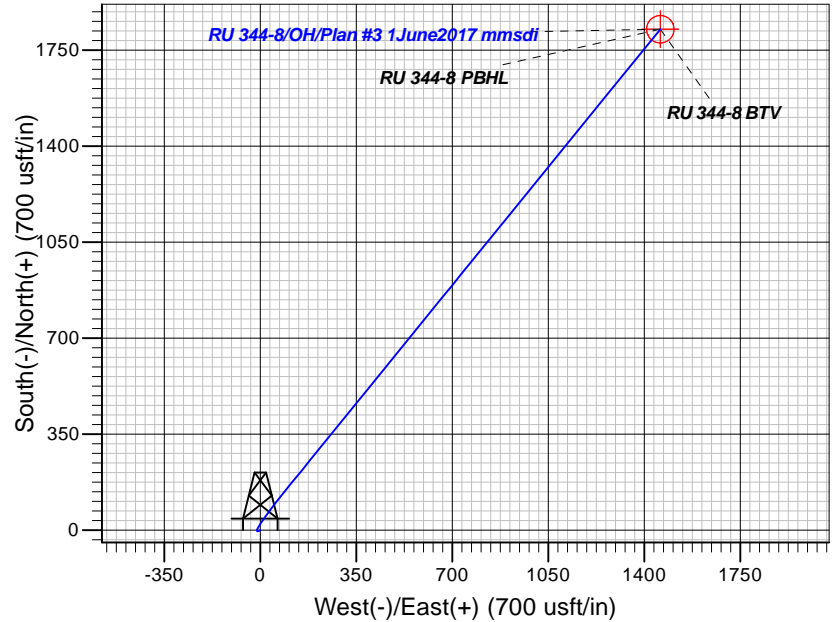
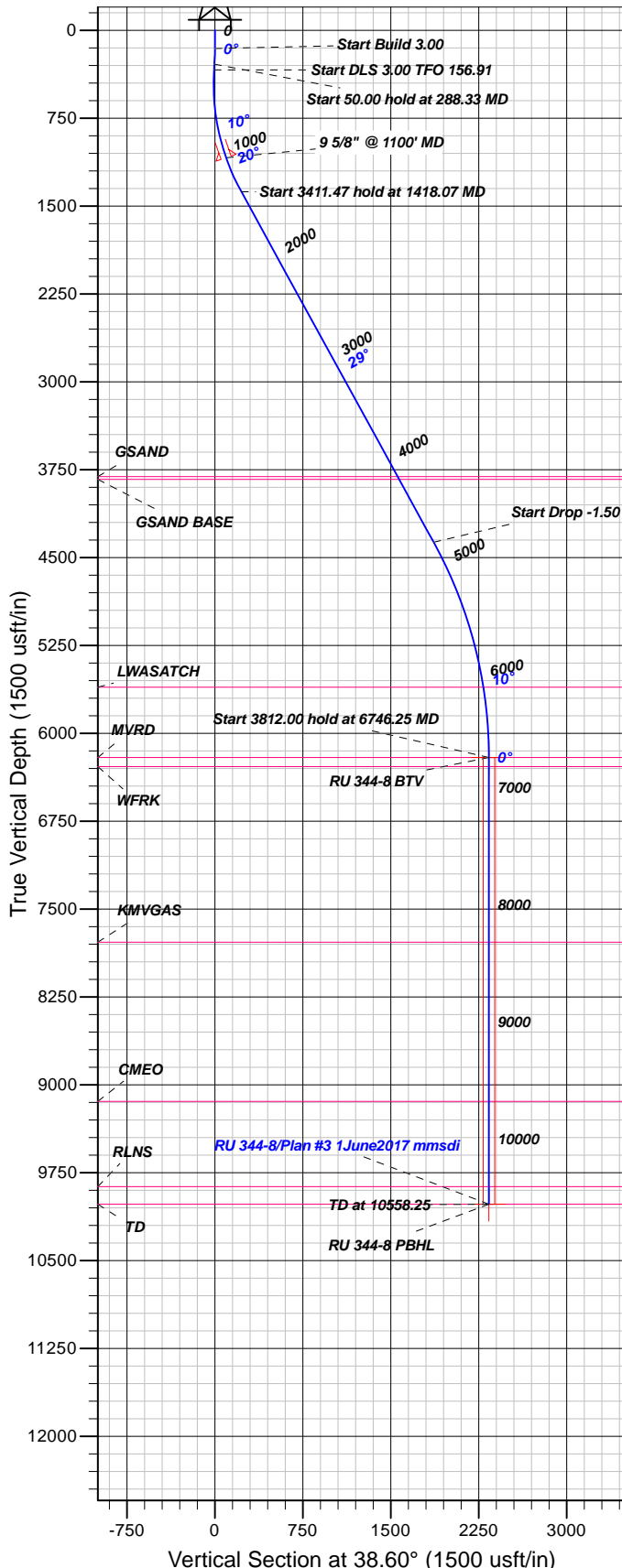
## Well Details: RU 344-8

GL 7859' & RKB 24' @ 7883.00usft (H&P 318)

| +N/-S | +E/-W | Northing   | Easting    | Latitude   | Longitude    | Slot     |
|-------|-------|------------|------------|------------|--------------|----------|
| 0.00  | 0.00  | 1597007.90 | 2351724.60 | 39.4500648 | -107.7959620 | RU 344-8 |

T M Azimuths to True North  
Magnetic North: 9.28°

Magnetic Field  
Strength: 51718.6snT  
Dip Angle: 65.65°  
Date: 2/9/2017  
Model: HDGM



### FORMATION TOP DETAILS

| TVDPath  | MDPath   | Formation  |
|----------|----------|------------|
| 3808.00  | 4189.97  | GSAND      |
| 3833.00  | 4218.49  | GSAND BASE |
| 5606.00  | 6143.75  | LWASATCH   |
| 6206.00  | 6746.25  | MYRD       |
| 6283.00  | 6823.25  | WFRK       |
| 7782.00  | 8322.25  | KMGAS      |
| 9141.00  | 9681.25  | CMEO       |
| 9868.00  | 10408.25 | RLNS       |
| 10018.00 | 10558.25 | TD         |

Plan: Plan #3 1June2017 mmsdi

11:43, June 02 2017  
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 |
|---------|---------|-------------------|------|
| 1087.55 | 1100.00 | 9 5/8" @ 1100' MD | 9.62 |

### SECTION DETAILS

| Sec | MD       | Inc   | Azi    | TVD      | +N/-S   | +E/-W   | Dleg | TFace  | VFace   | Target        |
|-----|----------|-------|--------|----------|---------|---------|------|--------|---------|---------------|
| 1   | 0.00     | 0.00  | 0.00   | 0.00     | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |               |
| 2   | 155.00   | 0.00  | 0.00   | 155.00   | 0.00    | 0.00    | 0.00 | 0.00   | 0.00    |               |
| 3   | 288.33   | 4.00  | 245.00 | 288.23   | -1.97   | -4.22   | 3.00 | 245.00 | -4.17   |               |
| 4   | 338.33   | 4.00  | 245.00 | 338.10   | -3.44   | -7.38   | 0.00 | 0.00   | -7.29   |               |
| 5   | 1418.07  | 28.75 | 39.10  | 1377.81  | 187.26  | 125.84  | 3.00 | 156.91 | 224.86  |               |
| 6   | 4829.54  | 28.75 | 39.10  | 4368.72  | 1460.61 | 1160.82 | 0.00 | 0.00   | 0.00    |               |
| 7   | 6746.25  | 0.00  | 0.00   | 6206.00  | 1826.02 | 1457.82 | 1.50 | 180.00 | 2336.58 | RU 344-8 BTV  |
| 8   | 10558.25 | 0.00  | 0.00   | 10018.00 | 1826.02 | 1457.82 | 0.00 | 0.00   | 2336.58 | RU 344-8 PBHL |

### DESIGN TARGET DETAILS

| Name                      | TVD      | +N/-S   | +E/-W   | Northing   | Easting    | Latitude   | Longitude    | Shape                  |
|---------------------------|----------|---------|---------|------------|------------|------------|--------------|------------------------|
| RU 344-8 BTV              | 6206.00  | 1826.02 | 1457.82 | 1598796.50 | 2353228.10 | 39.4550780 | -107.7907991 | Circle (Radius: 50.00) |
| - plan hits target center |          |         |         |            |            |            |              |                        |
| RU 344-8 PBHL             | 10018.00 | 1826.02 | 1457.82 | 1598796.50 | 2353228.10 | 39.4550780 | -107.7907991 | Point                  |
| - plan hits target center |          |         |         |            |            |            |              |                        |



## **TEP Rocky Mountain LLC**

**Garfield County, CO NAD83**

**RU 31-17 Pad**

**RU 344-8 - Slot RU 344-8**

**OH**

**Plan: Plan #3 1June2017 mmsdi**

## **Standard Planning Report**

**02 June, 2017**



[www.scientificdrilling.com](http://www.scientificdrilling.com)



|                  |                           |                                     |  |
|------------------|---------------------------|-------------------------------------|--|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well RU 344-8 - Slot RU 344-8              |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Site:</b>     | RU 31-17 Pad              | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | RU 344-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | OH                        |                                     |  |
| <b>Design:</b>   | Plan #3 1June2017 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>                  | RU 31-17 Pad |                     |                   |                                  |
| <b>Site Position:</b>        |              | <b>Northing:</b>    | 1,596,940.40 usft | <b>Latitude:</b> 39.4498852      |
| <b>From:</b> Map             |              | <b>Easting:</b>     | 2,351,805.70 usft | <b>Longitude:</b> -107.7956689   |
| <b>Position Uncertainty:</b> | 0.00 usft    | <b>Slot Radius:</b> | 13.20 in          | <b>Grid Convergence:</b> -1.45 ° |

|                             |                          |                            |                   |                                    |
|-----------------------------|--------------------------|----------------------------|-------------------|------------------------------------|
| <b>Well</b>                 | RU 344-8 - Slot RU 344-8 |                            |                   |                                    |
| <b>Well Position</b>        | <b>+N/-S</b> 65.43 usft  | <b>Northing:</b>           | 1,597,007.90 usft | <b>Latitude:</b> 39.4500648        |
|                             | <b>+E/-W</b> -82.78 usft | <b>Easting:</b>            | 2,351,724.60 usft | <b>Longitude:</b> -107.7959621     |
| <b>Position Uncertainty</b> | 0.00 usft                | <b>Wellhead Elevation:</b> | 0.00 usft         | <b>Ground Level:</b> 7,859.00 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              | 2/9/2017           | 9.28                   | 65.65                | 51,719                     |

|                          |                                |                     |                      |                      |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #3 1June2017 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                 | 38.60                |

| <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    |               |
| 155.00                | 0.00            | 0.00        | 155.00                | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |               |
| 288.33                | 4.00            | 245.00      | 288.23                | -1.97        | -4.22        | 3.00                    | 3.00                   | 0.00                  | 245.00  |               |
| 338.33                | 4.00            | 245.00      | 338.10                | -3.44        | -7.38        | 0.00                    | 0.00                   | 0.00                  | 0.00    |               |
| 1,418.07              | 28.75           | 39.10       | 1,377.81              | 187.26       | 125.84       | 3.00                    | 2.29                   | 14.27                 | 156.91  |               |
| 4,829.54              | 28.75           | 39.10       | 4,368.72              | 1,460.61     | 1,160.82     | 0.00                    | 0.00                   | 0.00                  | 0.00    |               |
| 6,746.25              | 0.00            | 0.00        | 6,206.00              | 1,826.02     | 1,457.82     | 1.50                    | -1.50                  | 0.00                  | 180.00  | RU 344-8 BTV  |
| 10,558.25             | 0.00            | 0.00        | 10,018.00             | 1,826.02     | 1,457.82     | 0.00                    | 0.00                   | 0.00                  | 0.00    | RU 344-8 PBHL |

|                  |                           |                                     |  |
|------------------|---------------------------|-------------------------------------|--|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well RU 344-8 - Slot RU 344-8              |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Site:</b>     | RU 31-17 Pad              | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | RU 344-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | OH                        |                                     |  |
| <b>Design:</b>   | Plan #3 1June2017 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                  |
| 155.00                | 0.00            | 0.00        | 155.00                | 0.00         | 0.00         | 0.00                    | 0.00                    | 0.00                   | 0.00                  |
| 200.00                | 1.35            | 245.00      | 200.00                | -0.22        | -0.48        | -0.47                   | 3.00                    | 3.00                   | 0.00                  |
| 288.33                | 4.00            | 245.00      | 288.23                | -1.97        | -4.22        | -4.17                   | 3.00                    | 3.00                   | 0.00                  |
| 300.00                | 4.00            | 245.00      | 299.86                | -2.31        | -4.95        | -4.90                   | 0.00                    | 0.00                   | 0.00                  |
| 338.33                | 4.00            | 245.00      | 338.10                | -3.44        | -7.38        | -7.29                   | 0.00                    | 0.00                   | 0.00                  |
| 400.00                | 2.41            | 262.52      | 399.67                | -4.52        | -10.61       | -10.15                  | 3.00                    | -2.58                  | 28.41                 |
| 500.00                | 1.96            | 348.70      | 499.62                | -3.12        | -13.03       | -10.57                  | 3.00                    | -0.45                  | 86.17                 |
| 600.00                | 4.45            | 21.40       | 599.47                | 2.17         | -11.95       | -5.76                   | 3.00                    | 2.50                   | 32.70                 |
| 700.00                | 7.34            | 29.69       | 698.93                | 11.34        | -7.37        | 4.26                    | 3.00                    | 2.88                   | 8.30                  |
| 800.00                | 10.29           | 33.29       | 797.74                | 24.35        | 0.70         | 19.47                   | 3.00                    | 2.95                   | 3.60                  |
| 900.00                | 13.26           | 35.30       | 895.62                | 41.18        | 12.23        | 39.81                   | 3.00                    | 2.97                   | 2.00                  |
| 1,000.00              | 16.24           | 36.57       | 992.31                | 61.78        | 27.19        | 65.25                   | 3.00                    | 2.98                   | 1.28                  |
| 1,100.00              | 19.23           | 37.46       | 1,087.55              | 86.09        | 45.55        | 95.69                   | 3.00                    | 2.99                   | 0.89                  |
| 9 5/8" @ 1100' MD     |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,200.00              | 22.22           | 38.12       | 1,181.07              | 114.04       | 67.24        | 131.08                  | 3.00                    | 2.99                   | 0.66                  |
| 1,300.00              | 25.22           | 38.63       | 1,272.61              | 145.57       | 92.22        | 171.30                  | 3.00                    | 2.99                   | 0.51                  |
| 1,400.00              | 28.21           | 39.04       | 1,361.93              | 180.57       | 120.41       | 216.24                  | 3.00                    | 2.99                   | 0.41                  |
| 1,418.07              | 28.75           | 39.10       | 1,377.81              | 187.26       | 125.84       | 224.86                  | 3.00                    | 3.00                   | 0.36                  |
| 1,500.00              | 28.75           | 39.10       | 1,449.64              | 217.84       | 150.70       | 264.27                  | 0.00                    | 0.00                   | 0.00                  |
| 1,600.00              | 28.75           | 39.10       | 1,537.31              | 255.17       | 181.04       | 312.36                  | 0.00                    | 0.00                   | 0.00                  |
| 1,700.00              | 28.75           | 39.10       | 1,624.99              | 292.49       | 211.38       | 360.46                  | 0.00                    | 0.00                   | 0.00                  |
| 1,800.00              | 28.75           | 39.10       | 1,712.66              | 329.82       | 241.71       | 408.56                  | 0.00                    | 0.00                   | 0.00                  |
| 1,900.00              | 28.75           | 39.10       | 1,800.33              | 367.14       | 272.05       | 456.66                  | 0.00                    | 0.00                   | 0.00                  |
| 2,000.00              | 28.75           | 39.10       | 1,888.00              | 404.47       | 302.39       | 504.76                  | 0.00                    | 0.00                   | 0.00                  |
| 2,100.00              | 28.75           | 39.10       | 1,975.67              | 441.79       | 332.73       | 552.85                  | 0.00                    | 0.00                   | 0.00                  |
| 2,200.00              | 28.75           | 39.10       | 2,063.35              | 479.12       | 363.07       | 600.95                  | 0.00                    | 0.00                   | 0.00                  |
| 2,300.00              | 28.75           | 39.10       | 2,151.02              | 516.45       | 393.40       | 649.05                  | 0.00                    | 0.00                   | 0.00                  |
| 2,400.00              | 28.75           | 39.10       | 2,238.69              | 553.77       | 423.74       | 697.15                  | 0.00                    | 0.00                   | 0.00                  |
| 2,500.00              | 28.75           | 39.10       | 2,326.36              | 591.10       | 454.08       | 745.25                  | 0.00                    | 0.00                   | 0.00                  |
| 2,600.00              | 28.75           | 39.10       | 2,414.04              | 628.42       | 484.42       | 793.34                  | 0.00                    | 0.00                   | 0.00                  |
| 2,700.00              | 28.75           | 39.10       | 2,501.71              | 665.75       | 514.76       | 841.44                  | 0.00                    | 0.00                   | 0.00                  |
| 2,800.00              | 28.75           | 39.10       | 2,589.38              | 703.07       | 545.09       | 889.54                  | 0.00                    | 0.00                   | 0.00                  |
| 2,900.00              | 28.75           | 39.10       | 2,677.05              | 740.40       | 575.43       | 937.64                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00              | 28.75           | 39.10       | 2,764.72              | 777.72       | 605.77       | 985.74                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00              | 28.75           | 39.10       | 2,852.40              | 815.05       | 636.11       | 1,033.83                | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00              | 28.75           | 39.10       | 2,940.07              | 852.38       | 666.45       | 1,081.93                | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00              | 28.75           | 39.10       | 3,027.74              | 889.70       | 696.78       | 1,130.03                | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00              | 28.75           | 39.10       | 3,115.41              | 927.03       | 727.12       | 1,178.13                | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00              | 28.75           | 39.10       | 3,203.08              | 964.35       | 757.46       | 1,226.23                | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00              | 28.75           | 39.10       | 3,290.76              | 1,001.68     | 787.80       | 1,274.32                | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00              | 28.75           | 39.10       | 3,378.43              | 1,039.00     | 818.14       | 1,322.42                | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00              | 28.75           | 39.10       | 3,466.10              | 1,076.33     | 848.47       | 1,370.52                | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00              | 28.75           | 39.10       | 3,553.77              | 1,113.66     | 878.81       | 1,418.62                | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00              | 28.75           | 39.10       | 3,641.45              | 1,150.98     | 909.15       | 1,466.72                | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00              | 28.75           | 39.10       | 3,729.12              | 1,188.31     | 939.49       | 1,514.81                | 0.00                    | 0.00                   | 0.00                  |
| 4,189.97              | 28.75           | 39.10       | 3,808.00              | 1,221.89     | 966.79       | 1,558.09                | 0.00                    | 0.00                   | 0.00                  |
| GSAND                 |                 |             |                       |              |              |                         |                         |                        |                       |
| 4,200.00              | 28.75           | 39.10       | 3,816.79              | 1,225.63     | 969.83       | 1,562.91                | 0.00                    | 0.00                   | 0.00                  |
| 4,218.49              | 28.75           | 39.10       | 3,833.00              | 1,232.53     | 975.44       | 1,571.80                | 0.00                    | 0.00                   | 0.00                  |
| GSAND BASE            |                 |             |                       |              |              |                         |                         |                        |                       |

|                  |                           |                                     |  |
|------------------|---------------------------|-------------------------------------|--|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well RU 344-8 - Slot RU 344-8              |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Site:</b>     | RU 31-17 Pad              | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | RU 344-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | OH                        |                                     |  |
| <b>Design:</b>   | Plan #3 1June2017 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) |
| 4,300.00                   | 28.75           | 39.10       | 3,904.46              | 1,262.96     | 1,000.17     | 1,611.01                | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                   | 28.75           | 39.10       | 3,992.13              | 1,300.28     | 1,030.50     | 1,659.11                | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                   | 28.75           | 39.10       | 4,079.81              | 1,337.61     | 1,060.84     | 1,707.21                | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                   | 28.75           | 39.10       | 4,167.48              | 1,374.93     | 1,091.18     | 1,755.30                | 0.00                    | 0.00                   | 0.00                  |
| 4,700.00                   | 28.75           | 39.10       | 4,255.15              | 1,412.26     | 1,121.52     | 1,803.40                | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00                   | 28.75           | 39.10       | 4,342.82              | 1,449.59     | 1,151.86     | 1,851.50                | 0.00                    | 0.00                   | 0.00                  |
| 4,829.54                   | 28.75           | 39.10       | 4,368.72              | 1,460.61     | 1,160.82     | 1,865.71                | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00                   | 27.69           | 39.10       | 4,430.80              | 1,486.47     | 1,181.83     | 1,899.03                | 1.50                    | -1.50                  | 0.00                  |
| 5,000.00                   | 26.19           | 39.10       | 4,519.95              | 1,521.63     | 1,210.41     | 1,944.33                | 1.50                    | -1.50                  | 0.00                  |
| 5,100.00                   | 24.69           | 39.10       | 4,610.24              | 1,554.97     | 1,237.51     | 1,987.29                | 1.50                    | -1.50                  | 0.00                  |
| 5,200.00                   | 23.19           | 39.10       | 4,701.64              | 1,586.46     | 1,263.10     | 2,027.88                | 1.50                    | -1.50                  | 0.00                  |
| 5,300.00                   | 21.69           | 39.10       | 4,794.06              | 1,616.08     | 1,287.18     | 2,066.05                | 1.50                    | -1.50                  | 0.00                  |
| 5,400.00                   | 20.19           | 39.10       | 4,887.45              | 1,643.82     | 1,309.73     | 2,101.79                | 1.50                    | -1.50                  | 0.00                  |
| 5,500.00                   | 18.69           | 39.10       | 4,981.74              | 1,669.65     | 1,330.72     | 2,135.08                | 1.50                    | -1.50                  | 0.00                  |
| 5,600.00                   | 17.19           | 39.10       | 5,076.88              | 1,693.56     | 1,350.16     | 2,165.88                | 1.50                    | -1.50                  | 0.00                  |
| 5,700.00                   | 15.69           | 39.10       | 5,172.78              | 1,715.52     | 1,368.01     | 2,194.19                | 1.50                    | -1.50                  | 0.00                  |
| 5,800.00                   | 14.19           | 39.10       | 5,269.40              | 1,735.53     | 1,384.27     | 2,219.98                | 1.50                    | -1.50                  | 0.00                  |
| 5,900.00                   | 12.69           | 39.10       | 5,366.66              | 1,753.58     | 1,398.94     | 2,243.22                | 1.50                    | -1.50                  | 0.00                  |
| 6,000.00                   | 11.19           | 39.10       | 5,464.49              | 1,769.63     | 1,411.99     | 2,263.92                | 1.50                    | -1.50                  | 0.00                  |
| 6,100.00                   | 9.69            | 39.10       | 5,562.83              | 1,783.70     | 1,423.42     | 2,282.04                | 1.50                    | -1.50                  | 0.00                  |
| 6,143.75                   | 9.04            | 39.10       | 5,606.00              | 1,789.23     | 1,427.91     | 2,289.16                | 1.50                    | -1.50                  | 0.00                  |
| <b>LWASATCH</b>            |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,200.00                   | 8.19            | 39.10       | 5,661.61              | 1,795.76     | 1,433.23     | 2,297.59                | 1.50                    | -1.50                  | 0.00                  |
| 6,300.00                   | 6.69            | 39.10       | 5,760.76              | 1,805.82     | 1,441.40     | 2,310.54                | 1.50                    | -1.50                  | 0.00                  |
| 6,400.00                   | 5.19            | 39.10       | 5,860.22              | 1,813.85     | 1,447.93     | 2,320.90                | 1.50                    | -1.50                  | 0.00                  |
| 6,500.00                   | 3.69            | 39.10       | 5,959.92              | 1,819.87     | 1,452.82     | 2,328.64                | 1.50                    | -1.50                  | 0.00                  |
| 6,600.00                   | 2.19            | 39.10       | 6,059.79              | 1,823.85     | 1,456.06     | 2,333.78                | 1.50                    | -1.50                  | 0.00                  |
| 6,700.00                   | 0.69            | 39.10       | 6,159.75              | 1,825.81     | 1,457.64     | 2,336.30                | 1.50                    | -1.50                  | 0.00                  |
| 6,746.25                   | 0.00            | 0.00        | 6,206.00              | 1,826.02     | 1,457.82     | 2,336.58                | 1.50                    | -1.50                  | 0.00                  |
| <b>MVRD - RU 344-8 BTV</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,800.00                   | 0.00            | 0.00        | 6,259.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 6,823.25                   | 0.00            | 0.00        | 6,283.00              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| <b>WFRK</b>                |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,900.00                   | 0.00            | 0.00        | 6,359.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00                   | 0.00            | 0.00        | 6,459.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,100.00                   | 0.00            | 0.00        | 6,559.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,200.00                   | 0.00            | 0.00        | 6,659.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,300.00                   | 0.00            | 0.00        | 6,759.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00                   | 0.00            | 0.00        | 6,859.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00                   | 0.00            | 0.00        | 6,959.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00                   | 0.00            | 0.00        | 7,059.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00                   | 0.00            | 0.00        | 7,159.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00                   | 0.00            | 0.00        | 7,259.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00                   | 0.00            | 0.00        | 7,359.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00                   | 0.00            | 0.00        | 7,459.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00                   | 0.00            | 0.00        | 7,559.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00                   | 0.00            | 0.00        | 7,659.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00                   | 0.00            | 0.00        | 7,759.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| 8,322.25                   | 0.00            | 0.00        | 7,782.00              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |
| <b>KMVGAS</b>              |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,400.00                   | 0.00            | 0.00        | 7,859.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |

|                  |                           |                                     |  |
|------------------|---------------------------|-------------------------------------|--|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well RU 344-8 - Slot RU 344-8              |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Site:</b>     | RU 31-17 Pad              | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | RU 344-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | OH                        |                                     |  |
| <b>Design:</b>   | Plan #3 1June2017 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) |  |
| 8,500.00                  | 0.00            | 0.00        | 7,959.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,600.00                  | 0.00            | 0.00        | 8,059.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,700.00                  | 0.00            | 0.00        | 8,159.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,800.00                  | 0.00            | 0.00        | 8,259.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 8,900.00                  | 0.00            | 0.00        | 8,359.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,000.00                  | 0.00            | 0.00        | 8,459.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,100.00                  | 0.00            | 0.00        | 8,559.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,200.00                  | 0.00            | 0.00        | 8,659.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,300.00                  | 0.00            | 0.00        | 8,759.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,400.00                  | 0.00            | 0.00        | 8,859.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,500.00                  | 0.00            | 0.00        | 8,959.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,600.00                  | 0.00            | 0.00        | 9,059.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,681.25                  | 0.00            | 0.00        | 9,141.00              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>CMEO</b>               |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 9,700.00                  | 0.00            | 0.00        | 9,159.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,800.00                  | 0.00            | 0.00        | 9,259.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 9,900.00                  | 0.00            | 0.00        | 9,359.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,000.00                 | 0.00            | 0.00        | 9,459.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,100.00                 | 0.00            | 0.00        | 9,559.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,200.00                 | 0.00            | 0.00        | 9,659.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,300.00                 | 0.00            | 0.00        | 9,759.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,400.00                 | 0.00            | 0.00        | 9,859.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,408.25                 | 0.00            | 0.00        | 9,868.00              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>RLNS</b>               |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 10,500.00                 | 0.00            | 0.00        | 9,959.75              | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| 10,558.25                 | 0.00            | 0.00        | 10,018.00             | 1,826.02     | 1,457.82     | 2,336.58                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>TD - RU 344-8 PBHL</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |

| 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                   |               |              |            |              |              |                 |                |            |              |
| RU 344-8 BTV              | 0.00          | 0.00         | 6,206.00   | 1,826.02     | 1,457.82     | 1,598,796.50    | 2,353,228.10   | 39.4550780 | -107.7907992 |
| - plan hits target center |               |              |            |              |              |                 |                |            |              |
| - Circle (radius 50.00)   |               |              |            |              |              |                 |                |            |              |
| RU 344-8 PBHL             | 0.00          | 0.00         | 10,018.00  | 1,826.02     | 1,457.82     | 1,598,796.50    | 2,353,228.10   | 39.4550780 | -107.7907992 |
| - plan hits target center |               |              |            |              |              |                 |                |            |              |
| - Point                   |               |              |            |              |              |                 |                |            |              |

| Casing Points         |                       |                   |                      |                    |  |
|-----------------------|-----------------------|-------------------|----------------------|--------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name              | Casing Diameter (in) | Hole Diameter (in) |  |
| 1,100.00              | 1,087.55              | 9 5/8" @ 1100' MD | 9.62                 | 9.62               |  |

|                  |                           |                                     |  |
|------------------|---------------------------|-------------------------------------|--|
| <b>Database:</b> | Grand Junction District   | <b>Local Co-ordinate Reference:</b> | Well RU 344-8 - Slot RU 344-8              |
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>TVD Reference:</b>               | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>MD Reference:</b>                | GL 7859' & RKB 24' @ 7883.00usft (H&P 318) |
| <b>Site:</b>     | RU 31-17 Pad              | <b>North Reference:</b>             | True                                       |
| <b>Well:</b>     | RU 344-8                  | <b>Survey Calculation Method:</b>   | Minimum Curvature                          |
| <b>Wellbore:</b> | OH                        |                                     |  |
| <b>Design:</b>   | Plan #3 1June2017 mmsdi   |                                     |  |

| Formations            |                       |            |           |         |                   |  |
|-----------------------|-----------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Name       | Lithology | Dip (°) | Dip Direction (°) |  |
| 4,189.97              | 3,808.00              | GSAND      |           | 0.00    | 0.00              |  |
| 4,218.49              | 3,833.00              | GSAND BASE |           | 0.00    | 0.00              |  |
| 6,143.75              | 5,606.00              | LWASATCH   |           | 0.00    | 0.00              |  |
| 6,746.25              | 6,206.00              | MVRD       |           | 0.00    | 0.00              |  |
| 6,823.25              | 6,283.00              | WFRK       |           | 0.00    | 0.00              |  |
| 8,322.25              | 7,782.00              | KMVGAS     |           | 0.00    | 0.00              |  |
| 9,681.25              | 9,141.00              | CMEO       |           | 0.00    | 0.00              |  |
| 10,408.25             | 9,868.00              | RLNS       |           | 0.00    | 0.00              |  |
| 10,558.25             | 10,018.00             | TD         |           | 0.00    | 0.00              |  |