



## Directional Survey Certification

2948 I-70 Business Loop  
Grand Junction, CO 81504  
(970)-245-9447 Fax (970)-245-9454

|                 |                          |
|-----------------|--------------------------|
| Operator        | TEP Rocky Mountain, LLC. |
| Well Name & No. | RU 523-17                |
| County & State  | Garfield County, CO      |
| SDI Job No.     | OP.009389                |
| Rig             | H&P 318                  |

I, Mel Mireles Jr., having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 122 feet to a measured depth of 10,390 feet is true and correct as determined from all available records.

A handwritten signature in black ink, appearing to read 'Mel Mireles Jr.', written over a horizontal line.

Signature

16-Apr-18

Date

### Mel Mireles Jr.

Grand Junction Assistant Well Planner  
Scientific Drilling - Colorado District

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well RU 523-17 - Slot RU 523-17 (B7) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Site:</b>     | RU 23-17 Pad              | <b>MD Reference:</b>                | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Well:</b>     | RU 523-17                 | <b>North Reference:</b>             | True                                 |
| <b>Wellbore:</b> | OH                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                        | <b>Database:</b>                    | Grand Junction District              |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <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     |                      |                |

|                       |           |              |                   |                   |              |
|-----------------------|-----------|--------------|-------------------|-------------------|--------------|
| Site                  |           | RU 23-17 Pad |                   |                   |              |
| Site Position:        |           | Northing:    | 1,594,634.40 usft | Latitude:         | 39.4435163   |
| From:                 | Map       | Easting:     | 2,351,232.80 usft | Longitude:        | -107.7974906 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.20 in          | Grid Convergence: | -1.45 °      |

|                      |                                 |           |                     |                   |               |               |
|----------------------|---------------------------------|-----------|---------------------|-------------------|---------------|---------------|
| Well                 | RU 523-17 - Slot RU 523-17 (B7) |           |                     |                   |               |               |
| Well Position        | +N/-S                           | 0.00 usft | Northing:           | 1,594,622.90 usft | Latitude:     | 39.4434863    |
|                      | +E/-W                           | 0.00 usft | Easting:            | 2,351,254.60 usft | Longitude:    | -107.7974124  |
| Position Uncertainty |                                 | 0.00 usft | Wellhead Elevation: | 0.00 usft         | Ground Level: | 8,368.60 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              | 4/10/2018          | 9.18                   | 65.57                | 51,573                     |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <b>Design</b>            | OH                             |                     |                     |                      |      |
| <b>Audit Notes:</b>      |                                |                     |                     |                      |      |
| <b>Version:</b>          | 1.0                            | <b>Phase:</b>       | ACTUAL              | <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                | 229.60               |      |

|                       |                  |  |                  |                                    |  |
|-----------------------|------------------|--|------------------|------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 4/16/2018                              |                  |                                    |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>               | <b>Tool Name</b> | <b>Description</b>                 |  |
| 122.00                | 583.00           | Survey #1 - Gyro MWD Survey (OH)       | SDI Gyro MWD 104 | SDI Gyro MWD Error Model Ver 1.0.4 |  |
| 658.00                | 1,079.00         | Survey #2 - Surface MWD Survey (OH)    | SDI MWD          | SDI MWD - Standard ver 1.0.1       |  |
| 1,180.00              | 10,390.00        | Survey #3 - Production MWD Survey (OH) | SDI MWD          | SDI MWD - Standard ver 1.0.1       |  |

|                                  |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|----------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <b>Survey</b>                    |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| <b>Measured Depth (usft)</b>     | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (usft)</b> | <b>+N/-S (usft)</b> | <b>+E/-W (usft)</b> | <b>Vertical Section (usft)</b> | <b>Dogleg Rate (°/100usft)</b> | <b>Build Rate (°/100usft)</b> | <b>Turn Rate (°/100usft)</b> |  |
| 0.00                             | 0.00                   | 0.00               | 0.00                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |  |
| 122.00                           | 0.70                   | 339.35             | 122.00                       | 0.70                | -0.26               | -0.25                          | 0.57                           | 0.57                          | 0.00                         |  |
| <b>First SDI Gyro MWD Survey</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 215.00                           | 0.62                   | 6.24               | 214.99                       | 1.73                | -0.41               | -0.81                          | 0.34                           | -0.09                         | 28.91                        |  |
| 307.00                           | 0.35                   | 137.64             | 306.99                       | 2.02                | -0.17               | -1.18                          | 0.97                           | -0.29                         | 142.83                       |  |
| 398.00                           | 1.06                   | 108.02             | 397.98                       | 1.55                | 0.82                | -1.63                          | 0.85                           | 0.78                          | -32.55                       |  |
| 490.00                           | 1.06                   | 189.84             | 489.97                       | 0.45                | 1.49                | -1.42                          | 1.51                           | 0.00                          | 88.93                        |  |
| 583.00                           | 2.99                   | 228.96             | 582.91                       | -1.99               | -0.49               | 1.66                           | 2.44                           | 2.08                          | 42.06                        |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well RU 523-17 - Slot RU 523-17 (B7) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Site:</b>     | RU 23-17 Pad              | <b>MD Reference:</b>                | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Well:</b>     | RU 523-17                 | <b>North Reference:</b>             | True                                 |
| <b>Wellbore:</b> | OH                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                        | <b>Database:</b>                    | Grand Junction District              |

| 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) |
| <b>Last SDI Gyro MWD Survey</b>        |                 |             |                       |              |              |                         |                         |                        |                       |
| 658.00                                 | 4.73            | 223.44      | 657.74                | -5.52        | -4.09        | 6.69                    | 2.37                    | 2.32                   | -7.36                 |
| <b>First SDI Surface MWD Survey</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 753.00                                 | 5.40            | 221.44      | 752.37                | -11.72       | -9.74        | 15.01                   | 0.73                    | 0.71                   | -2.11                 |
| 847.00                                 | 5.25            | 223.58      | 845.96                | -18.15       | -15.64       | 23.67                   | 0.26                    | -0.16                  | 2.28                  |
| 941.00                                 | 4.84            | 241.69      | 939.60                | -23.14       | -22.09       | 31.82                   | 1.74                    | -0.44                  | 19.27                 |
| 1,036.00                               | 5.45            | 245.96      | 1,034.22              | -26.88       | -29.74       | 40.07                   | 0.76                    | 0.64                   | 4.49                  |
| 1,079.00                               | 5.89            | 245.87      | 1,077.01              | -28.62       | -33.62       | 44.15                   | 1.02                    | 1.02                   | -0.21                 |
| <b>Last SDI Surface MWD Survey</b>     |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,180.00                               | 6.40            | 246.30      | 1,177.43              | -33.00       | -43.50       | 54.52                   | 0.51                    | 0.50                   | 0.43                  |
| <b>First SDI Production MWD Survey</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,274.00                               | 5.84            | 246.53      | 1,270.89              | -37.01       | -52.69       | 64.11                   | 0.60                    | -0.60                  | 0.24                  |
| 1,368.00                               | 5.46            | 247.38      | 1,364.44              | -40.63       | -61.20       | 72.94                   | 0.41                    | -0.40                  | 0.90                  |
| 1,463.00                               | 5.68            | 230.50      | 1,458.99              | -45.36       | -69.00       | 81.95                   | 1.73                    | 0.23                   | -17.77                |
| 1,557.00                               | 5.56            | 228.95      | 1,552.54              | -51.31       | -76.03       | 91.15                   | 0.21                    | -0.13                  | -1.65                 |
| 1,652.00                               | 5.36            | 227.15      | 1,647.11              | -57.35       | -82.75       | 100.19                  | 0.28                    | -0.21                  | -1.89                 |
| 1,746.00                               | 5.10            | 221.88      | 1,740.72              | -63.45       | -88.76       | 108.71                  | 0.58                    | -0.28                  | -5.61                 |
| 1,841.00                               | 5.02            | 220.51      | 1,835.35              | -69.75       | -94.28       | 117.00                  | 0.15                    | -0.08                  | -1.44                 |
| 1,935.00                               | 5.01            | 223.28      | 1,928.99              | -75.87       | -99.76       | 125.14                  | 0.26                    | -0.01                  | 2.95                  |
| 2,030.00                               | 4.73            | 218.51      | 2,023.65              | -81.95       | -105.04      | 133.11                  | 0.52                    | -0.29                  | -5.02                 |
| 2,124.00                               | 4.92            | 218.54      | 2,117.32              | -88.14       | -109.97      | 140.87                  | 0.20                    | 0.20                   | 0.03                  |
| 2,219.00                               | 4.17            | 216.38      | 2,212.02              | -94.10       | -114.56      | 148.23                  | 0.81                    | -0.79                  | -2.27                 |
| 2,313.00                               | 5.19            | 220.56      | 2,305.70              | -100.09      | -119.35      | 155.76                  | 1.14                    | 1.09                   | 4.45                  |
| 2,408.00                               | 5.01            | 222.14      | 2,400.33              | -106.43      | -124.92      | 164.11                  | 0.24                    | -0.19                  | 1.66                  |
| 2,502.00                               | 4.84            | 222.40      | 2,493.98              | -112.40      | -130.35      | 172.12                  | 0.18                    | -0.18                  | 0.28                  |
| 2,596.00                               | 4.75            | 220.38      | 2,587.65              | -118.29      | -135.55      | 179.89                  | 0.20                    | -0.10                  | -2.15                 |
| 2,691.00                               | 5.28            | 229.17      | 2,682.29              | -124.15      | -141.40      | 188.15                  | 0.98                    | 0.56                   | 9.25                  |
| 2,786.00                               | 4.66            | 227.94      | 2,776.93              | -129.59      | -147.58      | 196.37                  | 0.66                    | -0.65                  | -1.29                 |
| 2,880.00                               | 6.16            | 236.20      | 2,870.51              | -134.95      | -154.60      | 205.20                  | 1.79                    | 1.60                   | 8.79                  |
| 2,975.00                               | 5.80            | 235.15      | 2,964.99              | -140.53      | -162.78      | 215.04                  | 0.40                    | -0.38                  | -1.11                 |
| 3,069.00                               | 5.63            | 235.23      | 3,058.52              | -145.88      | -170.46      | 224.36                  | 0.18                    | -0.18                  | 0.09                  |
| 3,164.00                               | 5.36            | 234.27      | 3,153.09              | -151.12      | -177.89      | 233.42                  | 0.30                    | -0.28                  | -1.01                 |
| 3,258.00                               | 5.10            | 234.09      | 3,246.70              | -156.14      | -184.84      | 241.96                  | 0.28                    | -0.28                  | -0.19                 |
| 3,352.00                               | 4.66            | 231.10      | 3,340.36              | -160.99      | -191.20      | 249.94                  | 0.54                    | -0.47                  | -3.18                 |
| 3,447.00                               | 5.10            | 220.64      | 3,435.01              | -166.61      | -196.95      | 257.97                  | 1.04                    | 0.46                   | -11.01                |
| 3,541.00                               | 4.92            | 218.97      | 3,528.65              | -172.92      | -202.21      | 266.06                  | 0.25                    | -0.19                  | -1.78                 |
| 3,636.00                               | 4.92            | 217.22      | 3,623.30              | -179.33      | -207.23      | 274.04                  | 0.16                    | 0.00                   | -1.84                 |
| 3,730.00                               | 4.84            | 219.59      | 3,716.96              | -185.60      | -212.20      | 281.89                  | 0.23                    | -0.09                  | 2.52                  |
| 3,825.00                               | 4.54            | 216.35      | 3,811.65              | -191.71      | -216.98      | 289.49                  | 0.42                    | -0.32                  | -3.41                 |
| 3,920.00                               | 6.38            | 211.54      | 3,906.21              | -199.24      | -221.97      | 298.17                  | 1.99                    | 1.94                   | -5.06                 |
| 4,014.00                               | 6.24            | 215.64      | 3,999.64              | -207.84      | -227.68      | 308.09                  | 0.50                    | -0.15                  | 4.36                  |
| 4,109.00                               | 5.97            | 216.53      | 4,094.10              | -216.01      | -233.63      | 317.92                  | 0.30                    | -0.28                  | 0.94                  |
| 4,203.00                               | 5.80            | 228.82      | 4,187.61              | -223.06      | -240.11      | 327.43                  | 1.35                    | -0.18                  | 13.07                 |
| 4,298.00                               | 5.60            | 230.01      | 4,282.14              | -229.20      | -247.28      | 336.86                  | 0.24                    | -0.21                  | 1.25                  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
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| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Site:</b>     | RU 23-17 Pad              | <b>MD Reference:</b>                | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Well:</b>     | RU 523-17                 | <b>North Reference:</b>             | True                                 |
| <b>Wellbore:</b> | OH                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                        | <b>Database:</b>                    | Grand Junction District              |

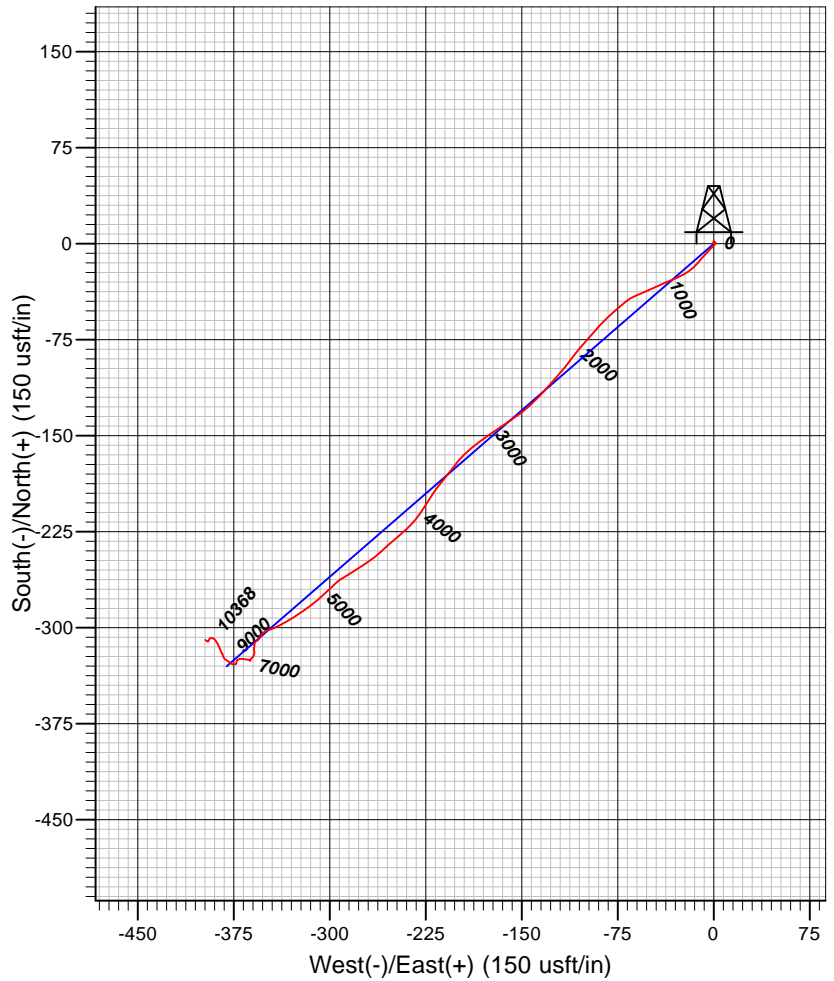
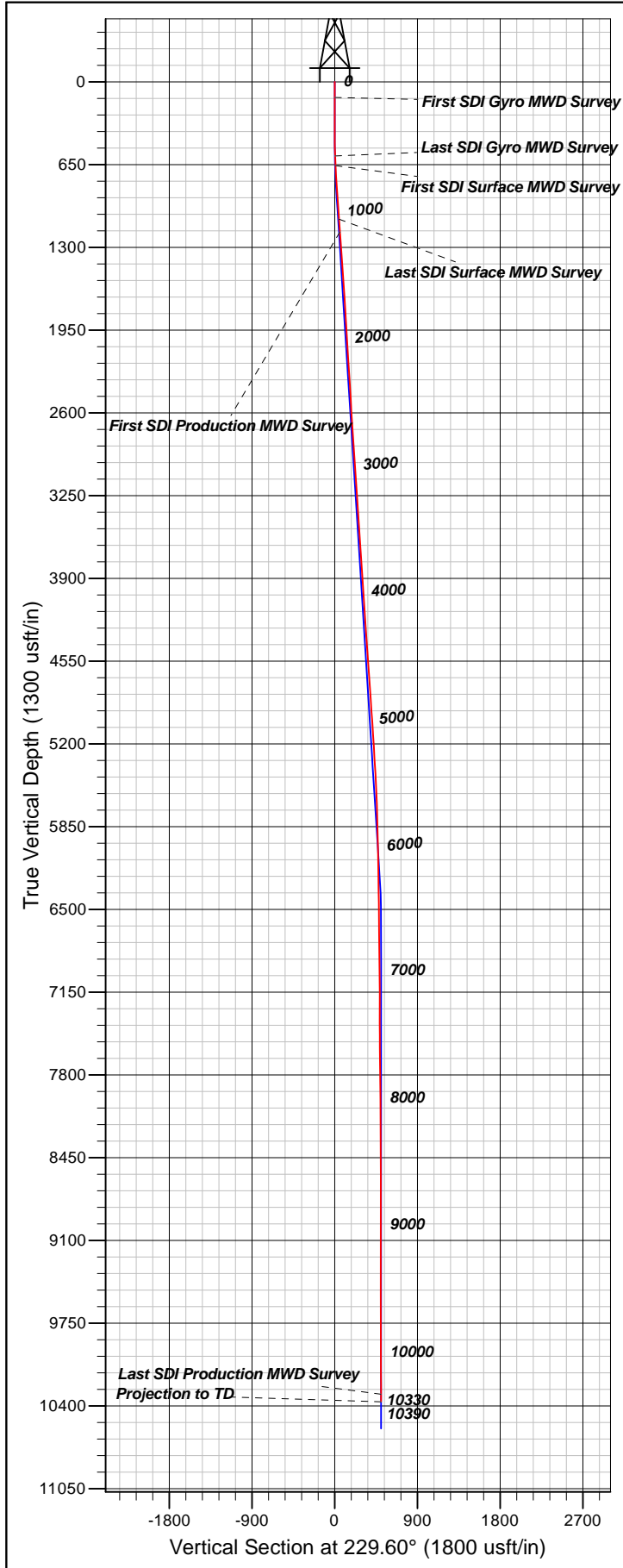
| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| 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) |
| 4,392.00              | 5.01            | 227.76      | 4,375.74              | -234.91      | -253.83      | 345.55                  | 0.67                    | -0.63                  | -2.39                 |
| 4,487.00              | 4.66            | 226.45      | 4,470.40              | -240.36      | -259.70      | 353.55                  | 0.39                    | -0.37                  | -1.38                 |
| 4,581.00              | 5.72            | 233.65      | 4,564.01              | -245.77      | -266.24      | 362.04                  | 1.32                    | 1.13                   | 7.66                  |
| 4,676.00              | 5.52            | 236.92      | 4,658.56              | -251.07      | -273.88      | 371.29                  | 0.40                    | -0.21                  | 3.44                  |
| 4,770.00              | 5.36            | 236.99      | 4,752.13              | -255.92      | -281.35      | 380.13                  | 0.17                    | -0.17                  | 0.07                  |
| 4,866.00              | 5.19            | 240.95      | 4,847.73              | -260.48      | -288.91      | 388.83                  | 0.42                    | -0.18                  | 4.13                  |
| 4,959.00              | 5.89            | 226.36      | 4,940.30              | -265.81      | -296.04      | 397.72                  | 1.68                    | 0.75                   | -15.69                |
| 5,054.00              | 5.36            | 225.65      | 5,034.84              | -272.28      | -302.74      | 407.02                  | 0.56                    | -0.56                  | -0.75                 |
| 5,148.00              | 4.92            | 230.31      | 5,128.46              | -277.92      | -308.98      | 415.43                  | 0.64                    | -0.47                  | 4.96                  |
| 5,243.00              | 4.40            | 231.89      | 5,223.15              | -282.77      | -314.98      | 423.14                  | 0.56                    | -0.55                  | 1.66                  |
| 5,337.00              | 4.95            | 236.33      | 5,316.84              | -287.25      | -321.19      | 430.77                  | 0.70                    | 0.59                   | 4.72                  |
| 5,432.00              | 4.84            | 238.14      | 5,411.49              | -291.63      | -328.01      | 438.80                  | 0.20                    | -0.12                  | 1.91                  |
| 5,526.00              | 3.93            | 240.86      | 5,505.21              | -295.30      | -334.19      | 445.89                  | 0.99                    | -0.97                  | 2.89                  |
| 5,621.00              | 3.71            | 240.18      | 5,600.00              | -298.41      | -339.70      | 452.10                  | 0.24                    | -0.23                  | -0.72                 |
| 5,715.00              | 3.78            | 252.90      | 5,693.80              | -300.83      | -345.30      | 457.94                  | 0.89                    | 0.07                   | 13.53                 |
| 5,809.00              | 2.37            | 243.94      | 5,787.67              | -302.60      | -350.01      | 462.66                  | 1.58                    | -1.50                  | -9.53                 |
| 5,903.00              | 1.45            | 224.34      | 5,881.61              | -304.30      | -352.59      | 465.73                  | 1.19                    | -0.98                  | -20.85                |
| 5,998.00              | 1.17            | 203.04      | 5,976.59              | -306.05      | -353.81      | 467.80                  | 0.59                    | -0.29                  | -22.42                |
| 6,092.00              | 1.23            | 206.85      | 6,070.57              | -307.84      | -354.64      | 469.58                  | 0.11                    | 0.06                   | 4.05                  |
| 6,186.00              | 1.29            | 229.44      | 6,164.55              | -309.43      | -355.90      | 471.57                  | 0.53                    | 0.06                   | 24.03                 |
| 6,281.00              | 1.29            | 240.83      | 6,259.52              | -310.64      | -357.64      | 473.69                  | 0.27                    | 0.00                   | 11.99                 |
| 6,376.00              | 1.41            | 185.31      | 6,354.50              | -312.33      | -358.68      | 475.58                  | 1.33                    | 0.13                   | -58.44                |
| 6,471.00              | 1.41            | 191.20      | 6,449.47              | -314.64      | -359.02      | 477.33                  | 0.15                    | 0.00                   | 6.20                  |
| 6,565.00              | 1.49            | 174.68      | 6,543.44              | -316.99      | -359.13      | 478.94                  | 0.45                    | 0.09                   | -17.57                |
| 6,660.00              | 1.48            | 171.39      | 6,638.41              | -319.43      | -358.83      | 480.30                  | 0.09                    | -0.01                  | -3.46                 |
| 6,754.00              | 1.14            | 210.63      | 6,732.39              | -321.44      | -359.13      | 481.82                  | 1.00                    | -0.36                  | 41.74                 |
| 6,849.00              | 1.23            | 221.35      | 6,827.37              | -323.01      | -360.28      | 483.72                  | 0.25                    | 0.09                   | 11.28                 |
| 6,943.00              | 1.39            | 224.88      | 6,921.34              | -324.58      | -361.75      | 485.86                  | 0.19                    | 0.17                   | 3.76                  |
| 7,038.00              | 0.24            | 146.92      | 7,016.33              | -325.56      | -362.46      | 487.03                  | 1.43                    | -1.21                  | -82.06                |
| 7,133.00              | 0.18            | 129.41      | 7,111.33              | -325.82      | -362.23      | 487.03                  | 0.09                    | -0.06                  | -18.43                |
| 7,228.00              | 0.20            | 16.09       | 7,206.33              | -325.76      | -362.07      | 486.86                  | 0.33                    | 0.02                   | -119.28               |
| 7,322.00              | 0.53            | 307.92      | 7,300.33              | -325.34      | -362.37      | 486.82                  | 0.52                    | 0.35                   | -72.52                |
| 7,416.00              | 0.72            | 278.94      | 7,394.32              | -324.98      | -363.30      | 487.29                  | 0.39                    | 0.20                   | -30.83                |
| 7,512.00              | 0.74            | 274.65      | 7,490.32              | -324.83      | -364.51      | 488.12                  | 0.06                    | 0.02                   | -4.47                 |
| 7,606.00              | 0.87            | 279.56      | 7,584.31              | -324.66      | -365.82      | 489.01                  | 0.16                    | 0.14                   | 5.22                  |
| 7,701.00              | 0.97            | 282.43      | 7,679.29              | -324.37      | -367.32      | 489.96                  | 0.12                    | 0.11                   | 3.02                  |
| 7,796.00              | 1.14            | 263.36      | 7,774.28              | -324.31      | -369.04      | 491.23                  | 0.41                    | 0.18                   | -20.07                |
| 7,890.00              | 1.19            | 258.44      | 7,868.26              | -324.61      | -370.92      | 492.86                  | 0.12                    | 0.05                   | -5.23                 |
| 7,985.00              | 0.82            | 222.66      | 7,963.25              | -325.31      | -372.35      | 494.40                  | 0.75                    | -0.39                  | -37.66                |
| 8,080.00              | 0.74            | 188.73      | 8,058.24              | -326.42      | -372.91      | 495.54                  | 0.49                    | -0.08                  | -35.72                |
| 8,174.00              | 0.70            | 178.44      | 8,152.23              | -327.59      | -372.98      | 496.36                  | 0.14                    | -0.04                  | -10.95                |
| 8,269.00              | 0.24            | 216.66      | 8,247.23              | -328.33      | -373.08      | 496.92                  | 0.56                    | -0.48                  | 40.23                 |
| 8,364.00              | 0.79            | 267.97      | 8,342.22              | -328.51      | -373.86      | 497.62                  | 0.70                    | 0.58                   | 54.01                 |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well RU 523-17 - Slot RU 523-17 (B7) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Site:</b>     | RU 23-17 Pad              | <b>MD Reference:</b>                | GL 8368.6' & RKB 24' @ 8392.60usft   |
| <b>Well:</b>     | RU 523-17                 | <b>North Reference:</b>             | True                                 |
| <b>Wellbore:</b> | OH                        | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Design:</b>   | OH                        | <b>Database:</b>                    | Grand Junction District              |

| 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) |
| 8,458.00                           | 0.79            | 266.96      | 8,436.21              | -328.57      | -375.15      | 498.65                  | 0.01                    | 0.00                   | -1.07                 |
| 8,553.00                           | 0.79            | 297.55      | 8,531.20              | -328.30      | -376.39      | 499.41                  | 0.44                    | 0.00                   | 32.20                 |
| 8,648.00                           | 0.79            | 303.26      | 8,626.20              | -327.64      | -377.52      | 499.84                  | 0.08                    | 0.00                   | 6.01                  |
| 8,742.00                           | 0.88            | 311.79      | 8,720.19              | -326.80      | -378.60      | 500.12                  | 0.16                    | 0.10                   | 9.07                  |
| 8,837.00                           | 1.14            | 300.71      | 8,815.17              | -325.83      | -379.95      | 500.53                  | 0.34                    | 0.27                   | -11.66                |
| 8,932.00                           | 0.62            | 308.01      | 8,910.16              | -325.03      | -381.17      | 500.94                  | 0.56                    | -0.55                  | 7.68                  |
| 9,026.00                           | 0.62            | 314.69      | 9,004.15              | -324.36      | -381.93      | 501.08                  | 0.08                    | 0.00                   | 7.11                  |
| 9,121.00                           | 1.41            | 318.11      | 9,099.14              | -323.13      | -383.08      | 501.16                  | 0.83                    | 0.83                   | 3.60                  |
| 9,216.00                           | 0.97            | 2.24        | 9,194.12              | -321.46      | -383.83      | 500.64                  | 1.03                    | -0.46                  | 46.45                 |
| 9,310.00                           | 0.26            | 0.65        | 9,288.11              | -320.45      | -383.79      | 499.96                  | 0.76                    | -0.76                  | -1.69                 |
| 9,405.00                           | 0.79            | 305.02      | 9,383.11              | -319.86      | -384.33      | 499.99                  | 0.71                    | 0.56                   | -58.56                |
| 9,500.00                           | 1.37            | 343.51      | 9,478.09              | -318.39      | -385.19      | 499.69                  | 0.95                    | 0.61                   | 40.52                 |
| 9,594.00                           | 1.85            | 341.85      | 9,572.06              | -315.87      | -385.98      | 498.66                  | 0.51                    | 0.51                   | -1.77                 |
| 9,689.00                           | 2.37            | 326.99      | 9,666.99              | -312.77      | -387.53      | 497.83                  | 0.79                    | 0.55                   | -15.64                |
| 9,784.00                           | 0.97            | 330.95      | 9,761.95              | -310.42      | -388.99      | 497.42                  | 1.48                    | -1.47                  | 4.17                  |
| 9,878.00                           | 0.79            | 325.76      | 9,855.94              | -309.19      | -389.74      | 497.19                  | 0.21                    | -0.19                  | -5.52                 |
| 9,973.00                           | 1.32            | 295.62      | 9,950.92              | -308.17      | -391.09      | 497.56                  | 0.79                    | 0.56                   | -31.73                |
| 10,068.00                          | 1.41            | 249.39      | 10,045.90             | -308.11      | -393.17      | 499.11                  | 1.13                    | 0.09                   | -48.66                |
| 10,163.00                          | 1.41            | 186.72      | 10,140.87             | -309.69      | -394.40      | 501.07                  | 1.54                    | 0.00                   | -65.97                |
| 10,257.00                          | 1.07            | 279.87      | 10,234.86             | -310.68      | -395.40      | 502.47                  | 1.93                    | -0.36                  | 99.10                 |
| 10,330.00                          | 0.88            | 309.59      | 10,307.85             | -310.21      | -396.51      | 503.01                  | 0.73                    | -0.26                  | 40.71                 |
| Last SDI Production MWD Survey     |                 |             |                       |              |              |                         |                         |                        |                       |
| 10,390.00                          | 0.88            | 309.59      | 10,367.84             | -309.62      | -397.22      | 503.17                  | 0.00                    | 0.00                   | 0.00                  |
| Projection to TD - PBHL(RU_523-17) |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Annotations    |                       |                   |              |                                 |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                         |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                 |
| 122.00                | 122.00                | 0.70              | -0.26        | First SDI Gyro MWD Survey       |
| 583.00                | 582.91                | -1.99             | -0.49        | Last SDI Gyro MWD Survey        |
| 658.00                | 657.74                | -5.52             | -4.09        | First SDI Surface MWD Survey    |
| 1,079.00              | 1,077.01              | -28.62            | -33.62       | Last SDI Surface MWD Survey     |
| 1,180.00              | 1,177.43              | -33.00            | -43.50       | First SDI Production MWD Survey |
| 10,330.00             | 10,307.85             | -310.21           | -396.51      | Last SDI Production MWD Survey  |
| 10,390.00             | 10,367.84             | -309.62           | -397.22      | Projection to TD                |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|



#### Well Details: RU 523-17

TVD Reference: GL 8368.6' & RKB 24' @ 8392.60usft  
 +N/-S +E/-W Northing Easting Latitude Longitude Slot  
 0.00 0.00 1594622.90 2351254.60 39.4434863 -107.7974123 RU 523-17 (B7)

#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RU 523-17 - Slot RU 523-17 (B7), True North  
 Vertical (TVD) Reference: GL 8368.6' & RKB 24' @ 8392.60usft  
 Section (VS) Reference: Slot - RU 523-17 (B7)(0.00N, 0.00E)  
 Measured Depth Reference: GL 8368.6' & RKB 24' @ 8392.60usft  
 Calculation Method: Minimum Curvature

#### 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

Plan: OH

17:51, April 16 2018  
 Created By: Mel Mireles Jr.