



#### Well Details: PA 533-24

| +N/-S | +E/-W | North      | East       | Latitude   | Longitude    | Slot           |
|-------|-------|------------|------------|------------|--------------|----------------|
| 0.00  | 0.00  | 1618785.00 | 2312525.60 | 39.5070297 | -107.9367947 | PA 533-24 (A5) |

#### REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well PA 533-24 - Slot PA 533-24 (A5), True North  
 Vertical (TVD) Reference: GL 5733' & RKB 24' @ 5757.00usft  
 Section (VS) Reference: Slot - PA 533-24 (A5)(0.00N, 0.00E)  
 Measured Depth Reference: GL 5733' & RKB 24' @ 5757.00usft  
 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

11:33, October 03 2018  
 Created By: Mel Mireles Jr.



## 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. | PA 533-24                |
| County & State  | Garfield County, CO      |
| SDI Job No.     | OP.013325                |
| Rig             | H&P 271                  |

I, Mel Mireles Jr., having personal knowledge of all the facts, hereby certify that the attached directional survey run from a measured depth of 155 feet to a measured depth of 8,991 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

03-Oct-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 PA 533-24 - Slot PA 533-24 (A5) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Site:</b>     | RWF 13-19 Pad             | <b>MD Reference:</b>                | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Well:</b>     | PA 533-24                 | <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                  |           | RWF 13-19 Pad |                   |                   |              |
| Site Position:        |           | Northing:     | 1,618,792.50 usft | Latitude:         | 39.5070510   |
| From:                 | Map       | Easting:      | 2,312,535.60 usft | Longitude:        | -107.9367600 |
| Position Uncertainty: | 0.00 usft | Slot Radius:  | 13.20 in          | Grid Convergence: | -1.54 °      |

| Well                 | PA 533-24 - Slot PA 533-24 (A5) |           |                     |                   |               |               |
|----------------------|---------------------------------|-----------|---------------------|-------------------|---------------|---------------|
| Well Position        | +N/-S                           | 0.00 usft | Northing:           | 1,618,785.00 usft | Latitude:     | 39.5070297    |
|                      | +E/-W                           | 0.00 usft | Easting:            | 2,312,525.60 usft | Longitude:    | -107.9367947  |
| Position Uncertainty |                                 | 0.00 usft | Wellhead Elevation: | 0.00 usft         | Ground Level: | 5,733.00 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              | 9/26/2018          | 9.35                   | 65.75                | 51,570                     |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <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                | 271.07               |      |

|                       |                  |  |                  |                                |  |
|-----------------------|------------------|--|------------------|--------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 10/3/2018                              |                  |                                |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>               | <b>Tool Name</b> | <b>Description</b>             |  |
| 155.00                | 494.00           | Survey #1 - Gyro MWD Survey (OH)       | Gyro MWD 105     | Gyro MWD Error Model Ver 1.0.5 |  |
| 566.00                | 1,066.00         | Survey #2 - Surface MWD Survey (OH)    | MWD+HDGM         | OWSG MWD + HDGM                |  |
| 1,178.00              | 8,991.00         | Survey #3 - Production MWD Survey (OH) | MWD+HDGM         | OWSG MWD + HDGM                |  |

|                                  |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
|----------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| <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                         |  |
| 155.00                           | 1.67                   | 276.50             | 154.98                       | 0.26                | -2.24               | 2.25                           | 1.08                           | 1.08                          | 0.00                         |  |
| <b>First SDI Gyro MWD Survey</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 216.00                           | 3.17                   | 273.60             | 215.92                       | 0.46                | -4.81               | 4.82                           | 2.47                           | 2.46                          | -4.75                        |  |
| 310.00                           | 5.19                   | 258.57             | 309.67                       | -0.22               | -11.57              | 11.57                          | 2.43                           | 2.15                          | -15.99                       |  |
| 402.00                           | 7.39                   | 261.74             | 401.11                       | -1.89               | -21.51              | 21.47                          | 2.42                           | 2.39                          | 3.45                         |  |
| 494.00                           | 10.29                  | 269.38             | 492.01                       | -2.83               | -35.58              | 35.52                          | 3.39                           | 3.15                          | 8.30                         |  |
| <b>Last SDI Gyro MWD Survey</b>  |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 533-24 - Slot PA 533-24 (A5) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Site:</b>     | RWF 13-19 Pad             | <b>MD Reference:</b>                | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Well:</b>     | PA 533-24                 | <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) |  |
| 566.00                          | 13.35           | 270.20      | 562.48                | -2.87        | -50.33       | 50.27                   | 4.26                    | 4.25                   | 1.14                  |  |
| First SDI Surface MWD Survey    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 658.00                          | 16.90           | 269.24      | 651.28                | -3.01        | -74.33       | 74.26                   | 3.87                    | 3.86                   | -1.04                 |  |
| 750.00                          | 19.68           | 268.11      | 738.62                | -3.70        | -103.19      | 103.10                  | 3.05                    | 3.02                   | -1.23                 |  |
| 841.00                          | 22.24           | 271.07      | 823.59                | -3.88        | -135.73      | 135.63                  | 3.04                    | 2.81                   | 3.25                  |  |
| 936.00                          | 25.01           | 274.76      | 910.63                | -1.88        | -173.73      | 173.66                  | 3.30                    | 2.92                   | 3.88                  |  |
| 1,030.00                        | 28.14           | 274.17      | 994.69                | 1.38         | -215.65      | 215.63                  | 3.34                    | 3.33                   | -0.63                 |  |
| 1,066.00                        | 29.11           | 274.08      | 1,026.29              | 2.62         | -232.85      | 232.86                  | 2.70                    | 2.69                   | -0.25                 |  |
| Last SDI Surface MWD Survey     |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 1,178.00                        | 31.13           | 271.70      | 1,123.16              | 5.42         | -288.97      | 289.02                  | 2.09                    | 1.80                   | -2.13                 |  |
| First SDI Production MWD Survey |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 1,272.00                        | 31.12           | 272.07      | 1,203.63              | 7.02         | -337.53      | 337.60                  | 0.20                    | -0.01                  | 0.39                  |  |
| 1,366.00                        | 31.11           | 273.00      | 1,284.11              | 9.16         | -386.06      | 386.16                  | 0.51                    | -0.01                  | 0.99                  |  |
| 1,461.00                        | 30.67           | 273.63      | 1,365.63              | 11.98        | -434.75      | 434.89                  | 0.57                    | -0.46                  | 0.66                  |  |
| 1,555.00                        | 30.23           | 274.72      | 1,446.67              | 15.45        | -482.26      | 482.46                  | 0.75                    | -0.47                  | 1.16                  |  |
| 1,649.00                        | 31.26           | 271.96      | 1,527.46              | 18.23        | -530.22      | 530.47                  | 1.86                    | 1.10                   | -2.94                 |  |
| 1,744.00                        | 30.88           | 271.75      | 1,608.83              | 19.82        | -579.22      | 579.49                  | 0.42                    | -0.40                  | -0.22                 |  |
| 1,838.00                        | 30.31           | 270.71      | 1,689.74              | 20.85        | -627.05      | 627.33                  | 0.83                    | -0.61                  | -1.11                 |  |
| 1,932.00                        | 29.84           | 270.32      | 1,771.09              | 21.27        | -674.15      | 674.43                  | 0.54                    | -0.50                  | -0.41                 |  |
| 2,027.00                        | 30.34           | 270.03      | 1,853.28              | 21.42        | -721.78      | 722.06                  | 0.55                    | 0.53                   | -0.31                 |  |
| 2,121.00                        | 30.20           | 269.79      | 1,934.47              | 21.34        | -769.17      | 769.43                  | 0.20                    | -0.15                  | -0.26                 |  |
| 2,215.00                        | 30.27           | 269.26      | 2,015.68              | 20.95        | -816.50      | 816.75                  | 0.29                    | 0.07                   | -0.56                 |  |
| 2,310.00                        | 29.15           | 269.47      | 2,098.19              | 20.43        | -863.58      | 863.81                  | 1.18                    | -1.18                  | 0.22                  |  |
| 2,404.00                        | 30.23           | 273.10      | 2,179.86              | 21.49        | -910.10      | 910.35                  | 2.23                    | 1.15                   | 3.86                  |  |
| 2,498.00                        | 29.51           | 273.98      | 2,261.37              | 24.38        | -956.83      | 957.12                  | 0.90                    | -0.77                  | 0.94                  |  |
| 2,592.00                        | 28.35           | 274.38      | 2,343.64              | 27.69        | -1,002.18    | 1,002.52                | 1.25                    | -1.23                  | 0.43                  |  |
| 2,687.00                        | 30.19           | 273.31      | 2,426.51              | 30.79        | -1,048.52    | 1,048.91                | 2.01                    | 1.94                   | -1.13                 |  |
| 2,781.00                        | 29.14           | 273.28      | 2,508.18              | 33.47        | -1,094.96    | 1,095.40                | 1.12                    | -1.12                  | -0.03                 |  |
| 2,875.00                        | 30.28           | 275.26      | 2,589.83              | 36.95        | -1,141.41    | 1,141.91                | 1.60                    | 1.21                   | 2.11                  |  |
| 2,970.00                        | 29.97           | 275.54      | 2,672.00              | 41.44        | -1,188.88    | 1,189.45                | 0.36                    | -0.33                  | 0.29                  |  |
| 3,064.00                        | 30.29           | 273.32      | 2,753.30              | 45.08        | -1,235.92    | 1,236.55                | 1.23                    | 0.34                   | -2.36                 |  |
| 3,159.00                        | 29.56           | 274.03      | 2,835.63              | 48.11        | -1,283.21    | 1,283.89                | 0.85                    | -0.77                  | 0.75                  |  |
| 3,253.00                        | 30.98           | 273.45      | 2,916.82              | 51.20        | -1,330.49    | 1,331.22                | 1.54                    | 1.51                   | -0.62                 |  |
| 3,348.00                        | 29.77           | 274.27      | 2,998.77              | 54.42        | -1,378.42    | 1,379.20                | 1.35                    | -1.27                  | 0.86                  |  |
| 3,441.00                        | 30.08           | 270.88      | 3,079.38              | 56.50        | -1,424.75    | 1,425.56                | 1.85                    | 0.33                   | -3.65                 |  |
| 3,536.00                        | 28.86           | 272.06      | 3,162.09              | 57.69        | -1,471.47    | 1,472.29                | 1.42                    | -1.28                  | 1.24                  |  |
| 3,630.00                        | 30.03           | 270.13      | 3,243.95              | 58.56        | -1,517.67    | 1,518.50                | 1.60                    | 1.24                   | -2.05                 |  |
| 3,724.00                        | 28.25           | 270.42      | 3,326.05              | 58.78        | -1,563.44    | 1,564.26                | 1.90                    | -1.89                  | 0.31                  |  |
| 3,818.00                        | 29.49           | 272.39      | 3,408.36              | 59.91        | -1,608.80    | 1,609.64                | 1.66                    | 1.32                   | 2.10                  |  |
| 3,913.00                        | 28.23           | 272.74      | 3,491.56              | 61.95        | -1,654.61    | 1,655.48                | 1.34                    | -1.33                  | 0.37                  |  |
| 4,007.00                        | 26.78           | 272.81      | 3,574.94              | 64.06        | -1,697.97    | 1,698.87                | 1.54                    | -1.54                  | 0.07                  |  |
| 4,101.00                        | 27.12           | 274.72      | 3,658.73              | 66.86        | -1,740.47    | 1,741.42                | 0.99                    | 0.36                   | 2.03                  |  |
| 4,196.00                        | 26.02           | 274.86      | 3,743.70              | 70.40        | -1,782.82    | 1,783.82                | 1.16                    | -1.16                  | 0.15                  |  |
| 4,290.00                        | 25.33           | 275.75      | 3,828.41              | 74.17        | -1,823.37    | 1,824.44                | 0.84                    | -0.73                  | 0.95                  |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 533-24 - Slot PA 533-24 (A5) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Site:</b>     | RWF 13-19 Pad             | <b>MD Reference:</b>                | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Well:</b>     | PA 533-24                 | <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) |
| 4,384.00              | 24.42           | 275.95      | 3,913.69              | 78.19        | -1,862.70    | 1,863.84                | 0.97                    | -0.97                  | 0.21                  |
| 4,479.00              | 22.35           | 273.33      | 4,000.89              | 81.28        | -1,900.27    | 1,901.46                | 2.44                    | -2.18                  | -2.76                 |
| 4,573.00              | 22.16           | 272.59      | 4,087.88              | 83.12        | -1,935.82    | 1,937.04                | 0.36                    | -0.20                  | -0.79                 |
| 4,667.00              | 20.77           | 273.50      | 4,175.36              | 84.94        | -1,970.17    | 1,971.41                | 1.52                    | -1.48                  | 0.97                  |
| 4,762.00              | 18.12           | 273.08      | 4,264.94              | 86.76        | -2,001.74    | 2,003.01                | 2.79                    | -2.79                  | -0.44                 |
| 4,856.00              | 17.78           | 272.27      | 4,354.36              | 88.11        | -2,030.68    | 2,031.97                | 0.45                    | -0.36                  | -0.86                 |
| 4,950.00              | 16.80           | 273.46      | 4,444.11              | 89.50        | -2,058.58    | 2,059.89                | 1.11                    | -1.04                  | 1.27                  |
| 5,059.00              | 15.92           | 272.06      | 4,548.70              | 90.99        | -2,089.24    | 2,090.58                | 0.88                    | -0.81                  | -1.28                 |
| 5,232.00              | 13.17           | 270.94      | 4,716.14              | 92.17        | -2,132.67    | 2,134.02                | 1.60                    | -1.59                  | -0.65                 |
| 5,326.00              | 12.05           | 270.03      | 4,807.87              | 92.35        | -2,153.19    | 2,154.54                | 1.21                    | -1.19                  | -0.97                 |
| 5,430.00              | 10.90           | 268.89      | 4,909.79              | 92.16        | -2,173.87    | 2,175.22                | 1.13                    | -1.11                  | -1.10                 |
| 5,514.00              | 9.87            | 275.22      | 4,992.41              | 92.66        | -2,188.99    | 2,190.34                | 1.83                    | -1.23                  | 7.54                  |
| 5,609.00              | 9.76            | 275.86      | 5,086.02              | 94.23        | -2,205.10    | 2,206.48                | 0.16                    | -0.12                  | 0.67                  |
| 5,703.00              | 8.17            | 277.89      | 5,178.87              | 95.96        | -2,219.65    | 2,221.05                | 1.72                    | -1.69                  | 2.16                  |
| 5,798.00              | 7.32            | 278.29      | 5,273.01              | 97.76        | -2,232.32    | 2,233.76                | 0.90                    | -0.89                  | 0.42                  |
| 5,892.00              | 6.27            | 280.85      | 5,366.34              | 99.59        | -2,243.29    | 2,244.76                | 1.16                    | -1.12                  | 2.72                  |
| 5,986.00              | 5.77            | 278.74      | 5,459.83              | 101.27       | -2,253.00    | 2,254.50                | 0.58                    | -0.53                  | -2.24                 |
| 6,081.00              | 4.40            | 269.24      | 5,554.45              | 101.95       | -2,261.37    | 2,262.88                | 1.69                    | -1.44                  | -10.00                |
| 6,175.00              | 4.07            | 273.24      | 5,648.19              | 102.09       | -2,268.30    | 2,269.81                | 0.47                    | -0.35                  | 4.26                  |
| 6,228.08              | 3.31            | 261.72      | 5,701.16              | 101.97       | -2,271.70    | 2,273.21                | 2.00                    | -1.44                  | -21.71                |
| PA 533-24 KMV         |                 |             |                       |              |              |                         |                         |                        |                       |
| 6,270.00              | 2.84            | 248.65      | 5,743.03              | 101.42       | -2,273.86    | 2,275.36                | 2.00                    | -1.11                  | -31.16                |
| 6,364.00              | 1.81            | 245.61      | 5,836.95              | 99.96        | -2,277.38    | 2,278.85                | 1.10                    | -1.10                  | -3.23                 |
| 6,458.00              | 1.45            | 241.39      | 5,930.91              | 98.78        | -2,279.78    | 2,281.23                | 0.40                    | -0.38                  | -4.49                 |
| 6,553.00              | 1.34            | 241.11      | 6,025.88              | 97.67        | -2,281.80    | 2,283.23                | 0.12                    | -0.12                  | -0.29                 |
| 6,647.00              | 0.75            | 156.86      | 6,119.87              | 96.57        | -2,282.53    | 2,283.93                | 1.56                    | -0.63                  | -89.63                |
| 6,741.00              | 1.06            | 150.06      | 6,213.86              | 95.25        | -2,281.85    | 2,283.23                | 0.35                    | 0.33                   | -7.23                 |
| 6,836.00              | 1.11            | 137.65      | 6,308.84              | 93.81        | -2,280.79    | 2,282.15                | 0.25                    | 0.05                   | -13.06                |
| 6,930.00              | 1.21            | 129.72      | 6,402.82              | 92.50        | -2,279.41    | 2,280.75                | 0.20                    | 0.11                   | -8.44                 |
| 7,024.00              | 1.06            | 242.61      | 6,496.81              | 91.47        | -2,279.42    | 2,280.74                | 2.01                    | -0.16                  | 120.10                |
| 7,119.00              | 0.97            | 234.44      | 6,591.80              | 90.60        | -2,280.86    | 2,282.15                | 0.18                    | -0.09                  | -8.60                 |
| 7,213.00              | 0.97            | 251.67      | 6,685.78              | 89.88        | -2,282.26    | 2,283.54                | 0.31                    | 0.00                   | 18.33                 |
| 7,307.00              | 0.88            | 225.56      | 6,779.77              | 89.13        | -2,283.53    | 2,284.80                | 0.45                    | -0.10                  | -27.78                |
| 7,401.00              | 1.04            | 212.75      | 6,873.76              | 87.90        | -2,284.51    | 2,285.75                | 0.28                    | 0.17                   | -13.63                |
| 7,496.00              | 1.14            | 201.83      | 6,968.74              | 86.30        | -2,285.33    | 2,286.54                | 0.24                    | 0.11                   | -11.49                |
| 7,590.00              | 0.97            | 203.06      | 7,062.72              | 84.70        | -2,285.98    | 2,287.17                | 0.18                    | -0.18                  | 1.31                  |
| 7,685.00              | 1.05            | 204.10      | 7,157.71              | 83.17        | -2,286.66    | 2,287.81                | 0.09                    | 0.08                   | 1.09                  |
| 7,779.00              | 0.75            | 204.48      | 7,251.70              | 81.82        | -2,287.26    | 2,288.39                | 0.32                    | -0.32                  | 0.40                  |
| 7,874.00              | 0.71            | 225.50      | 7,346.69              | 80.84        | -2,287.94    | 2,289.05                | 0.28                    | -0.04                  | 22.13                 |
| 7,968.00              | 0.20            | 187.08      | 7,440.69              | 80.27        | -2,288.37    | 2,289.48                | 0.60                    | -0.54                  | -40.87                |
| 8,063.00              | 0.47            | 85.44       | 7,535.69              | 80.14        | -2,288.01    | 2,289.11                | 0.58                    | 0.28                   | -106.99               |
| 8,157.00              | 0.34            | 105.85      | 7,629.68              | 80.09        | -2,287.35    | 2,288.45                | 0.20                    | -0.14                  | 21.71                 |
| 8,252.00              | 0.57            | 100.59      | 7,724.68              | 79.93        | -2,286.62    | 2,287.71                | 0.25                    | 0.24                   | -5.54                 |
| 8,346.00              | 0.74            | 113.35      | 7,818.67              | 79.60        | -2,285.60    | 2,286.69                | 0.24                    | 0.18                   | 13.57                 |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 533-24 - Slot PA 533-24 (A5) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Site:</b>     | RWF 13-19 Pad             | <b>MD Reference:</b>                | GL 5733' & RKB 24' @ 5757.00usft     |
| <b>Well:</b>     | PA 533-24                 | <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) |
| 8,441.00                                 | 0.72            | 128.72      | 7,913.67              | 78.99        | -2,284.57    | 2,285.65                | 0.21                    | -0.02                  | 16.18                 |
| 8,535.00                                 | 0.51            | 191.72      | 8,007.66              | 78.21        | -2,284.20    | 2,285.26                | 0.71                    | -0.22                  | 67.02                 |
| 8,630.00                                 | 0.75            | 186.99      | 8,102.66              | 77.18        | -2,284.36    | 2,285.40                | 0.26                    | 0.25                   | -4.98                 |
| 8,724.00                                 | 0.78            | 182.34      | 8,196.65              | 75.93        | -2,284.46    | 2,285.48                | 0.07                    | 0.03                   | -4.95                 |
| 8,818.00                                 | 0.66            | 173.46      | 8,290.64              | 74.75        | -2,284.42    | 2,285.42                | 0.17                    | -0.13                  | -9.45                 |
| 8,912.00                                 | 0.78            | 177.73      | 8,384.63              | 73.57        | -2,284.34    | 2,285.31                | 0.14                    | 0.13                   | 4.54                  |
| 8,931.00                                 | 0.78            | 177.71      | 8,403.63              | 73.31        | -2,284.33    | 2,285.30                | 0.00                    | 0.00                   | -0.11                 |
| <b>Last SDI Production MWD Survey</b>    |                 |             |                       |              |              |                         |                         |                        |                       |
| 8,991.00                                 | 0.78            | 177.71      | 8,463.63              | 72.50        | -2,284.29    | 2,285.25                | 0.00                    | 0.00                   | 0.00                  |
| <b>Projection to TD - PA 533-24 PBHL</b> |                 |             |                       |              |              |                         |                         |                        |                       |

| Design Annotations    |                       |                   |              |                                 |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                         |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                 |
| 155.00                | 154.98                | 0.26              | -2.24        | First SDI Gyro MWD Survey       |
| 494.00                | 492.01                | -2.83             | -35.58       | Last SDI Gyro MWD Survey        |
| 566.00                | 562.48                | -2.87             | -50.33       | First SDI Surface MWD Survey    |
| 1,066.00              | 1,026.29              | 2.62              | -232.85      | Last SDI Surface MWD Survey     |
| 1,178.00              | 1,123.16              | 5.42              | -288.97      | First SDI Production MWD Survey |
| 8,931.00              | 8,403.63              | 73.31             | -2,284.33    | Last SDI Production MWD Survey  |
| 8,991.00              | 8,463.63              | 72.50             | -2,284.29    | Projection to TD                |

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