

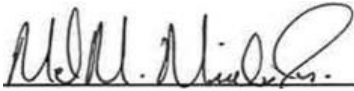


## Directional Survey Certification

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 542-26                |
| County & State  | Garfield County, CO      |
| SDI Job No.     | OP.005951                |
| 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           123           feet to a measured depth of   8,275   feet is true and correct as determined from all available records.



Signature

                    4-Dec-17                    

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 542-26 - Slot PA 542-26 (B2) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Site:</b>     | PA 22-25 Pad              | <b>MD Reference:</b>                | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Well:</b>     | PA 542-26                 | <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     |                      |                |

|                              |              |                     |                   |                          |              |
|------------------------------|--------------|---------------------|-------------------|--------------------------|--------------|
| <b>Site</b>                  | PA 22-25 Pad |                     |                   |                          |              |
| <b>Site Position:</b>        |              | <b>Northing:</b>    | 1,615,186.77 usft | <b>Latitude:</b>         | 39.4968742   |
| <b>From:</b>                 | Map          | <b>Easting:</b>     | 2,308,728.18 usft | <b>Longitude:</b>        | -107.9499045 |
| <b>Position Uncertainty:</b> | 0.00 usft    | <b>Slot Radius:</b> | 13.20 in          | <b>Grid Convergence:</b> | -1.55 °      |

|                             |                                     |           |                            |                   |                      |               |
|-----------------------------|-------------------------------------|-----------|----------------------------|-------------------|----------------------|---------------|
| <b>Well</b>                 | PA 542-26 - Slot PA 542-26 (B2), B2 |           |                            |                   |                      |               |
| <b>Well Position</b>        | <b>+N/-S</b>                        | 0.00 usft | <b>Northing:</b>           | 1,615,199.85 usft | <b>Latitude:</b>     | 39.4969110    |
|                             | <b>+E/-W</b>                        | 0.00 usft | <b>Easting:</b>            | 2,308,740.53 usft | <b>Longitude:</b>    | -107.9498620  |
| <b>Position Uncertainty</b> |                                     | 0.00 usft | <b>Wellhead Elevation:</b> | 0.00 usft         | <b>Ground Level:</b> | 5,224.00 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              | 11/16/2017         | 9.40                   | 65.82                | 51,687                     |

|                          |                                |                     |                     |                      |      |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| <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                | 261.99               |      |

|                       |                  |  |                  |                                    |  |
|-----------------------|------------------|--|------------------|------------------------------------|--|
| <b>Survey Program</b> | <b>Date</b>      | 11/21/2017                             |                  |                                    |  |
| <b>From (usft)</b>    | <b>To (usft)</b> | <b>Survey (Wellbore)</b>               | <b>Tool Name</b> | <b>Description</b>                 |  |
| 123.00                | 859.00           | Survey #1 - Gyro MWD Survey (OH)       | SDI Gyro MWD 104 | SDI Gyro MWD Error Model Ver 1.0.4 |  |
| 933.00                | 1,083.00         | Survey #2 - Surface MWD Survey (OH)    | SDI MWD          | SDI MWD - Standard ver 1.0.1       |  |
| 1,172.00              | 8,275.00         | 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                         |  |
| 0.01                             | 0.00                   | 232.91             | 0.01                         | 0.00                | 0.00                | 0.00                           | 0.00                           | 0.00                          | 0.00                         |  |
| <b>SHL (PA 542-26)</b>           |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 123.00                           | 0.18                   | 232.91             | 123.00                       | -0.12               | -0.15               | 0.17                           | 0.15                           | 0.15                          | 0.00                         |  |
| <b>First SDI Gyro MWD Survey</b> |                        |                    |                              |                     |                     |                                |                                |                               |                              |  |
| 216.00                           | 0.35                   | 330.47             | 216.00                       | 0.04                | -0.41               | 0.40                           | 0.45                           | 0.18                          | 104.90                       |  |
| 308.00                           | 0.44                   | 290.39             | 308.00                       | 0.41                | -0.88               | 0.81                           | 0.31                           | 0.10                          | -43.57                       |  |
| 401.00                           | 0.44                   | 335.39             | 400.99                       | 0.86                | -1.36               | 1.23                           | 0.36                           | 0.00                          | 48.39                        |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 542-26 - Slot PA 542-26 (B2) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Site:</b>     | PA 22-25 Pad              | <b>MD Reference:</b>                | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Well:</b>     | PA 542-26                 | <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) |  |
| 492.00                                 | 2.29            | 248.38      | 491.97                | 0.51         | -3.20        | 3.10                    | 2.54                    | 2.03                   | -95.62                |  |
| 583.00                                 | 5.45            | 259.80      | 582.75                | -0.93        | -9.14        | 9.18                    | 3.56                    | 3.47                   | 12.55                 |  |
| 675.00                                 | 8.80            | 262.35      | 674.03                | -2.64        | -20.42       | 20.59                   | 3.66                    | 3.64                   | 2.77                  |  |
| 767.00                                 | 12.05           | 262.44      | 764.50                | -4.84        | -36.92       | 37.24                   | 3.53                    | 3.53                   | 0.10                  |  |
| 859.00                                 | 14.43           | 258.57      | 854.05                | -8.38        | -57.68       | 58.28                   | 2.76                    | 2.59                   | -4.21                 |  |
| <b>Last SDI Gyro MWD Survey</b>        |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 933.00                                 | 16.26           | 260.58      | 925.41                | -11.90       | -76.94       | 77.85                   | 2.57                    | 2.47                   | 2.72                  |  |
| <b>First SDI Surface MWD Survey</b>    |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 1,026.00                               | 18.03           | 263.93      | 1,014.27              | -15.55       | -104.10      | 105.25                  | 2.18                    | 1.90                   | 3.60                  |  |
| 1,083.00                               | 19.08           | 265.68      | 1,068.31              | -17.19       | -122.16      | 123.36                  | 2.08                    | 1.84                   | 3.07                  |  |
| <b>Last SDI Surface MWD Survey</b>     |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 1,172.00                               | 20.15           | 268.83      | 1,152.15              | -18.60       | -151.99      | 153.10                  | 1.69                    | 1.20                   | 3.54                  |  |
| <b>First SDI Production MWD Survey</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 1,266.00                               | 21.92           | 270.33      | 1,239.88              | -18.83       | -185.73      | 186.54                  | 1.97                    | 1.88                   | 1.60                  |  |
| 1,360.00                               | 23.03           | 267.31      | 1,326.74              | -19.59       | -221.64      | 222.21                  | 1.70                    | 1.18                   | -3.21                 |  |
| 1,455.00                               | 22.98           | 265.34      | 1,414.19              | -21.97       | -258.69      | 259.23                  | 0.81                    | -0.05                  | -2.07                 |  |
| 1,550.00                               | 24.86           | 267.44      | 1,501.03              | -24.36       | -297.13      | 297.62                  | 2.17                    | 1.98                   | 2.21                  |  |
| 1,644.00                               | 24.71           | 266.80      | 1,586.37              | -26.34       | -336.48      | 336.87                  | 0.33                    | -0.16                  | -0.68                 |  |
| 1,739.00                               | 24.45           | 264.73      | 1,672.76              | -29.26       | -375.88      | 376.30                  | 0.95                    | -0.27                  | -2.18                 |  |
| 1,834.00                               | 24.08           | 263.22      | 1,759.37              | -33.35       | -414.71      | 415.31                  | 0.76                    | -0.39                  | -1.59                 |  |
| 1,929.00                               | 25.69           | 262.94      | 1,845.54              | -38.17       | -454.39      | 455.28                  | 1.70                    | 1.69                   | -0.29                 |  |
| 2,024.00                               | 25.10           | 260.95      | 1,931.37              | -43.87       | -494.73      | 496.01                  | 1.09                    | -0.62                  | -2.09                 |  |
| 2,118.00                               | 25.93           | 264.70      | 2,016.20              | -48.91       | -534.88      | 536.48                  | 1.93                    | 0.88                   | 3.99                  |  |
| 2,213.00                               | 25.55           | 263.96      | 2,101.78              | -52.98       | -575.94      | 577.70                  | 0.52                    | -0.40                  | -0.78                 |  |
| 2,307.00                               | 24.62           | 263.17      | 2,186.91              | -57.44       | -615.54      | 617.54                  | 1.05                    | -0.99                  | -0.84                 |  |
| 2,402.00                               | 25.21           | 264.96      | 2,273.07              | -61.57       | -655.34      | 657.53                  | 1.01                    | 0.62                   | 1.88                  |  |
| 2,497.00                               | 25.03           | 264.60      | 2,359.08              | -65.24       | -695.50      | 697.81                  | 0.25                    | -0.19                  | -0.38                 |  |
| 2,591.00                               | 24.66           | 265.32      | 2,444.38              | -68.71       | -734.84      | 737.25                  | 0.51                    | -0.39                  | 0.77                  |  |
| 2,685.00                               | 23.66           | 266.99      | 2,530.15              | -71.30       | -773.22      | 775.62                  | 1.29                    | -1.06                  | 1.78                  |  |
| 2,780.00                               | 25.19           | 265.59      | 2,616.65              | -73.86       | -812.42      | 814.79                  | 1.72                    | 1.61                   | -1.47                 |  |
| 2,874.00                               | 24.61           | 265.01      | 2,701.91              | -77.10       | -851.86      | 854.30                  | 0.67                    | -0.62                  | -0.62                 |  |
| 2,969.00                               | 24.41           | 264.78      | 2,788.35              | -80.61       | -891.12      | 893.66                  | 0.23                    | -0.21                  | -0.24                 |  |
| 3,064.00                               | 23.92           | 265.39      | 2,875.02              | -83.94       | -929.86      | 932.49                  | 0.58                    | -0.52                  | 0.64                  |  |
| 3,158.00                               | 25.55           | 264.50      | 2,960.40              | -87.42       | -969.04      | 971.77                  | 1.78                    | 1.73                   | -0.95                 |  |
| 3,252.00                               | 25.01           | 264.44      | 3,045.39              | -91.28       | -1,009.00    | 1,011.87                | 0.58                    | -0.57                  | -0.06                 |  |
| 3,346.00                               | 24.08           | 263.01      | 3,130.90              | -95.54       | -1,047.81    | 1,050.90                | 1.17                    | -0.99                  | -1.52                 |  |
| 3,441.00                               | 25.57           | 265.94      | 3,217.12              | -99.35       | -1,087.50    | 1,090.73                | 2.03                    | 1.57                   | 3.08                  |  |
| 3,536.00                               | 24.97           | 265.62      | 3,303.03              | -102.34      | -1,127.94    | 1,131.20                | 0.65                    | -0.63                  | -0.34                 |  |
| 3,631.00                               | 23.90           | 266.62      | 3,389.52              | -105.00      | -1,167.15    | 1,170.39                | 1.21                    | -1.13                  | 1.05                  |  |
| 3,726.00                               | 25.08           | 266.87      | 3,475.97              | -107.24      | -1,206.46    | 1,209.64                | 1.25                    | 1.24                   | 0.26                  |  |
| 3,820.00                               | 24.03           | 266.89      | 3,561.47              | -109.36      | -1,245.47    | 1,248.56                | 1.12                    | -1.12                  | 0.02                  |  |
| 3,915.00                               | 23.32           | 268.24      | 3,648.47              | -110.99      | -1,283.58    | 1,286.52                | 0.94                    | -0.75                  | 1.42                  |  |
| 4,010.00                               | 23.41           | 269.18      | 3,735.68              | -111.84      | -1,321.24    | 1,323.94                | 0.40                    | 0.09                   | 0.99                  |  |
| 4,105.00                               | 24.18           | 265.77      | 3,822.61              | -113.54      | -1,359.52    | 1,362.08                | 1.66                    | 0.81                   | -3.59                 |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 542-26 - Slot PA 542-26 (B2) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Site:</b>     | PA 22-25 Pad              | <b>MD Reference:</b>                | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Well:</b>     | PA 542-26                 | <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              |

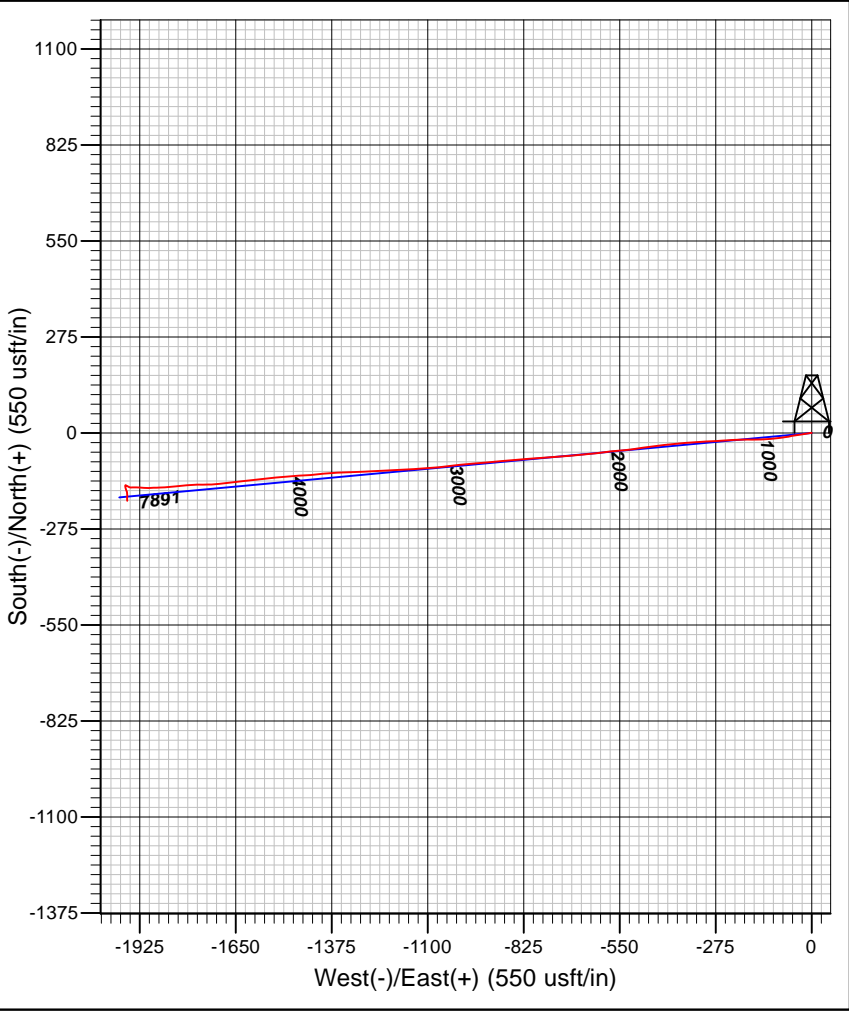
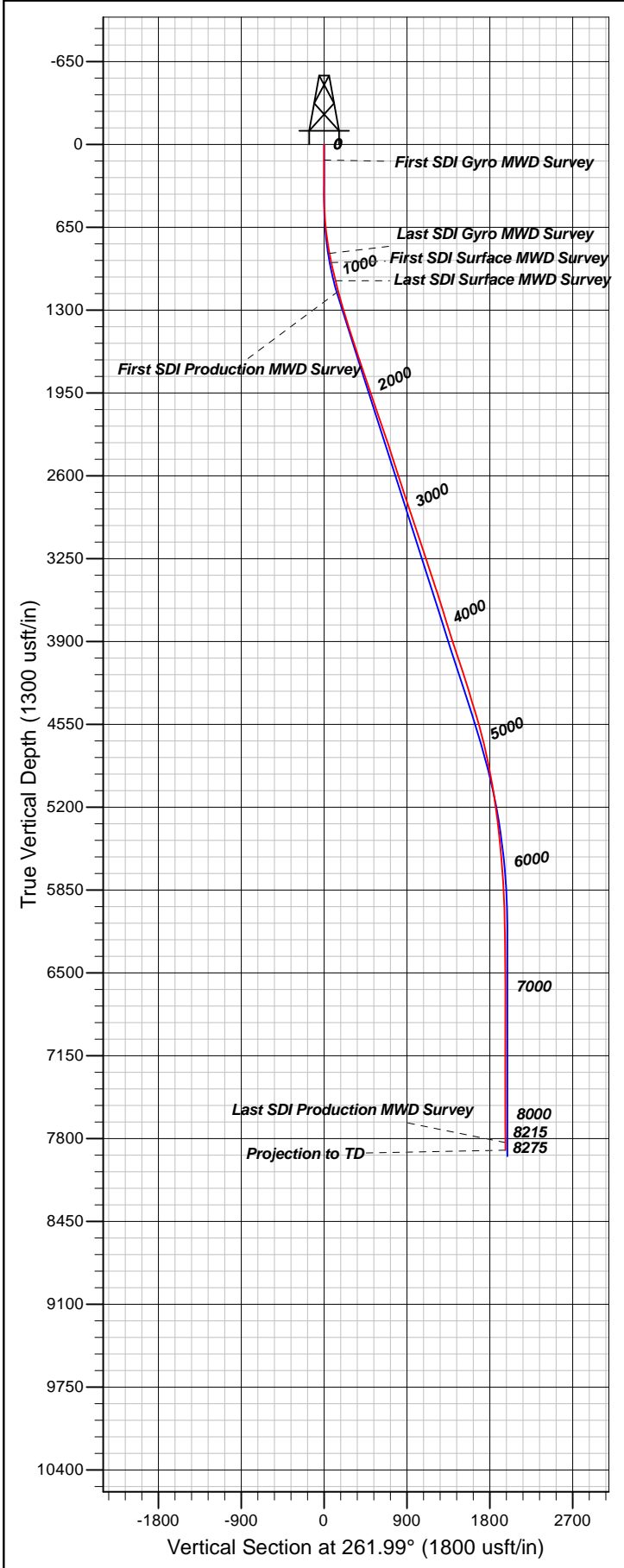
| Survey                |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| 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) |  |
| 4,200.00              | 23.51           | 264.76      | 3,909.50              | -116.71      | -1,397.79    | 1,400.42                | 0.83                    | -0.71                  | -1.06                 |  |
| 4,294.00              | 26.05           | 265.28      | 3,994.84              | -120.12      | -1,437.04    | 1,439.76                | 2.71                    | 2.70                   | 0.55                  |  |
| 4,389.00              | 25.20           | 265.61      | 4,080.50              | -123.38      | -1,477.99    | 1,480.77                | 0.91                    | -0.89                  | 0.35                  |  |
| 4,484.00              | 23.91           | 266.36      | 4,166.90              | -126.15      | -1,517.37    | 1,520.15                | 1.40                    | -1.36                  | 0.79                  |  |
| 4,579.00              | 22.01           | 264.16      | 4,254.38              | -129.19      | -1,554.30    | 1,557.14                | 2.19                    | -2.00                  | -2.32                 |  |
| 4,705.00              | 23.70           | 263.19      | 4,370.48              | -134.59      | -1,602.94    | 1,606.05                | 1.37                    | 1.34                   | -0.77                 |  |
| 4,768.00              | 23.13           | 263.14      | 4,428.29              | -137.57      | -1,627.79    | 1,631.09                | 0.91                    | -0.90                  | -0.08                 |  |
| 4,822.54              | 22.47           | 262.79      | 4,478.57              | -140.16      | -1,648.77    | 1,652.22                | 1.24                    | -1.21                  | -0.64                 |  |
| <b>PA 542-26 MVRD</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 4,863.00              | 21.98           | 262.52      | 4,516.02              | -142.12      | -1,663.95    | 1,667.52                | 1.24                    | -1.21                  | -0.67                 |  |
| 4,958.00              | 20.58           | 265.20      | 4,604.55              | -145.83      | -1,698.22    | 1,701.97                | 1.79                    | -1.47                  | 2.82                  |  |
| 5,053.00              | 18.45           | 269.11      | 4,694.09              | -147.46      | -1,729.89    | 1,733.56                | 2.63                    | -2.24                  | 4.12                  |  |
| 5,148.00              | 16.72           | 268.09      | 4,784.64              | -148.15      | -1,758.58    | 1,762.07                | 1.85                    | -1.82                  | -1.07                 |  |
| 5,243.00              | 15.12           | 265.85      | 4,876.00              | -149.50      | -1,784.60    | 1,788.02                | 1.80                    | -1.68                  | -2.36                 |  |
| 5,337.00              | 14.04           | 265.11      | 4,966.97              | -151.36      | -1,808.19    | 1,811.64                | 1.17                    | -1.15                  | -0.79                 |  |
| 5,432.00              | 13.34           | 263.61      | 5,059.27              | -153.56      | -1,830.56    | 1,834.10                | 0.83                    | -0.74                  | -1.58                 |  |
| 5,527.00              | 11.59           | 266.25      | 5,152.03              | -155.41      | -1,850.98    | 1,854.58                | 1.94                    | -1.84                  | 2.78                  |  |
| 5,622.00              | 10.54           | 268.67      | 5,245.26              | -156.23      | -1,869.19    | 1,872.72                | 1.21                    | -1.11                  | 2.55                  |  |
| 5,716.00              | 9.32            | 266.28      | 5,337.85              | -156.93      | -1,885.38    | 1,888.85                | 1.37                    | -1.30                  | -2.54                 |  |
| 5,811.00              | 8.62            | 267.89      | 5,431.69              | -157.69      | -1,900.17    | 1,903.61                | 0.78                    | -0.74                  | 1.69                  |  |
| 5,906.00              | 7.28            | 276.89      | 5,525.78              | -157.23      | -1,913.26    | 1,916.50                | 1.92                    | -1.41                  | 9.47                  |  |
| 6,001.00              | 6.60            | 275.42      | 5,620.08              | -155.99      | -1,924.67    | 1,927.63                | 0.74                    | -0.72                  | -1.55                 |  |
| 6,095.00              | 5.75            | 271.09      | 5,713.54              | -155.39      | -1,934.76    | 1,937.54                | 1.03                    | -0.90                  | -4.61                 |  |
| 6,189.00              | 5.38            | 266.34      | 5,807.09              | -155.58      | -1,943.86    | 1,946.58                | 0.63                    | -0.39                  | -5.05                 |  |
| 6,284.00              | 3.66            | 267.82      | 5,901.80              | -155.98      | -1,951.34    | 1,954.04                | 1.81                    | -1.81                  | 1.56                  |  |
| 6,379.00              | 2.39            | 303.76      | 5,996.67              | -154.99      | -1,956.01    | 1,958.53                | 2.34                    | -1.34                  | 37.83                 |  |
| 6,473.00              | 2.11            | 298.47      | 6,090.60              | -153.08      | -1,959.17    | 1,961.39                | 0.37                    | -0.30                  | -5.63                 |  |
| 6,568.00              | 1.33            | 288.73      | 6,185.55              | -151.89      | -1,961.75    | 1,963.78                | 0.87                    | -0.82                  | -10.25                |  |
| 6,662.00              | 1.00            | 300.30      | 6,279.53              | -151.13      | -1,963.49    | 1,965.39                | 0.43                    | -0.35                  | 12.31                 |  |
| 6,757.00              | 0.61            | 307.50      | 6,374.52              | -150.40      | -1,964.61    | 1,966.40                | 0.42                    | -0.41                  | 7.58                  |  |
| 6,851.00              | 0.40            | 320.52      | 6,468.52              | -149.84      | -1,965.21    | 1,966.92                | 0.25                    | -0.22                  | 13.85                 |  |
| 6,946.00              | 0.24            | 286.83      | 6,563.52              | -149.53      | -1,965.61    | 1,967.27                | 0.25                    | -0.17                  | -35.46                |  |
| 7,040.00              | 0.26            | 202.97      | 6,657.52              | -149.67      | -1,965.88    | 1,967.56                | 0.36                    | 0.02                   | -89.21                |  |
| 7,135.00              | 0.65            | 210.98      | 6,752.52              | -150.33      | -1,966.25    | 1,968.01                | 0.41                    | 0.41                   | 8.43                  |  |
| 7,229.00              | 0.49            | 198.90      | 6,846.51              | -151.17      | -1,966.65    | 1,968.53                | 0.21                    | -0.17                  | -12.85                |  |
| 7,324.00              | 1.12            | 178.20      | 6,941.50              | -152.48      | -1,966.75    | 1,968.81                | 0.72                    | 0.66                   | -21.79                |  |
| 7,418.00              | 1.65            | 173.19      | 7,035.47              | -154.74      | -1,966.56    | 1,968.94                | 0.58                    | 0.56                   | -5.33                 |  |
| 7,513.00              | 1.74            | 165.44      | 7,130.43              | -157.50      | -1,966.04    | 1,968.81                | 0.26                    | 0.09                   | -8.16                 |  |
| 7,607.00              | 2.19            | 161.55      | 7,224.38              | -160.58      | -1,965.11    | 1,968.32                | 0.50                    | 0.48                   | -4.14                 |  |
| 7,701.00              | 2.75            | 158.51      | 7,318.29              | -164.38      | -1,963.72    | 1,967.47                | 0.61                    | 0.60                   | -3.23                 |  |
| 7,796.00              | 3.14            | 163.44      | 7,413.16              | -169.00      | -1,962.14    | 1,966.55                | 0.49                    | 0.41                   | 5.19                  |  |
| 7,891.00              | 3.42            | 179.04      | 7,508.01              | -174.33      | -1,961.35    | 1,966.51                | 0.98                    | 0.29                   | 16.42                 |  |
| 7,985.00              | 3.10            | 178.34      | 7,601.86              | -179.67      | -1,961.23    | 1,967.13                | 0.34                    | -0.34                  | -0.74                 |  |
| 8,080.00              | 3.03            | 182.85      | 7,696.72              | -184.74      | -1,961.28    | 1,967.89                | 0.26                    | -0.07                  | 4.75                  |  |

|                  |                           |                                     |                                      |
|------------------|---------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>  | TEP Rocky Mountain LLC    | <b>Local Co-ordinate Reference:</b> | Well PA 542-26 - Slot PA 542-26 (B2) |
| <b>Project:</b>  | Garfield County, CO NAD83 | <b>TVD Reference:</b>               | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Site:</b>     | PA 22-25 Pad              | <b>MD Reference:</b>                | GL 5224' & RKB 24' @ 5248.00usft     |
| <b>Well:</b>     | PA 542-26                 | <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) |  |
| 8,174.00  | 2.73            | 183.95      | 7,790.60              | -189.46      | -1,961.56    | 1,968.82                | 0.32                    | -0.32                  | 1.17                  |  |
| 8,215.00  | 2.81            | 171.91      | 7,831.55              | -191.43      | -1,961.48    | 1,969.02                | 1.43                    | 0.20                   | -29.37                |  |
| <b>Last SDI Production MWD Survey</b>                       |                 |             |                       |              |              |                         |                         |                        |                       |  |
| 8,275.00  | 2.81            | 171.91      | 7,891.48              | -194.34      | -1,961.07    | 1,969.02                | 0.00                    | 0.00                   | 0.00                  |  |
| <b>Projection to TD - PA 542-26 PBHL - PBHL (PA 542-26)</b> |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Annotations    |                       |                   |              |                                 |  |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              | Comment                         |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) |                                 |  |
| 123.00                | 123.00                | -0.12             | -0.15        | First SDI Gyro MWD Survey       |  |
| 859.00                | 854.05                | -8.38             | -57.68       | Last SDI Gyro MWD Survey        |  |
| 933.00                | 925.41                | -11.90            | -76.94       | First SDI Surface MWD Survey    |  |
| 1,083.00              | 1,068.31              | -17.19            | -122.16      | Last SDI Surface MWD Survey     |  |
| 1,172.00              | 1,152.15              | -18.60            | -151.99      | First SDI Production MWD Survey |  |
| 8,215.00              | 7,831.55              | -191.43           | -1,961.48    | Last SDI Production MWD Survey  |  |
| 8,275.00              | 7,891.48              | -194.34           | -1,961.07    | Projection to TD                |  |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



**Well Details: PA 542-26**

|   |       |            |            |            |              |                       |  |
|---|-------|------------|------------|------------|--------------|-----------------------|--|
| TVD Reference: GL 5224' & RKB 24' @ 5248.00usft |       |            |            |            |              | Ground Level: 5224.00 |  |
| +N/-S   | +E/-W | Northing   | Easting    | Latitude   | Longitude    | Slot                  |  |
| 0.00  | 0.00  | 1615199.86 | 2308740.53 | 39.4969110 | -107.9498620 | PA 542-26 (B2)        |  |

**REFERENCE INFORMATION**

Co-ordinate (N/E) Reference: Well PA 542-26 - Slot PA 542-26 (B2), True North  
 Vertical (TVD) Reference: GL 5224' & RKB 24' @ 5248.00usft  
 Section (VS) Reference: Slot - PA 542-26 (B2)(0.00N, 0.00E)  
 Measured Depth Reference: GL 5224' & RKB 24' @ 5248.00usft  
 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