



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 433-26 |
| County & State | Garfield County, CO |
| SDI Job No. | OP.010324 |
| 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 124 feet to a measured depth of 8,470 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

06-Jun-18

Date

Mel Mireles Jr.

Grand Junction Assistant Well Planner
Scientific Drilling - Colorado District

| | | | |
|------------------|---------------------------|-------------------------------------|--|
| Company: | TEP Rocky Mountain LLC | Local Co-ordinate Reference: | Well PA 433-26 - Slot PA 433-26 (B5) |
| Project: | Garfield County, CO NAD83 | TVD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Site: | PA 23-26 Pad | MD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Well: | PA 433-26 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Grand Junction District |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | Garfield County, CO NAD83 | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Central Zone | | |

| | | | | | |
|-----------------------|-----------|--------------|-------------------|-------------------|--------------|
| Site | | PA 23-26 Pad | | | |
| Site Position: | | Northing: | 1,614,399.90 usft | Latitude: | 39.4943598 |
| From: | Map | Easting: | 2,303,951.10 usft | Longitude: | -107.9667508 |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13.20 in | Grid Convergence: | -1.56 ° |

| | | | | | | |
|----------------------|-------------------------------------|-----------|---------------------|-------------------|---------------|---------------|
| Well | PA 433-26 - Slot PA 433-26 (B5), B5 | | | | | |
| Well Position | +N/-S | 0.00 usft | Northing: | 1,614,389.90 usft | Latitude: | 39.4943324 |
| | +E/-W | 0.00 usft | Easting: | 2,303,951.20 usft | Longitude: | -107.9667494 |
| Position Uncertainty | | 0.00 usft | Wellhead Elevation: | 0.00 usft | Ground Level: | 5,637.00 usft |

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|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | OH | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 5/20/2018 | 9.38 | 65.77 | 51,626 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|---------------------|----------------------|------|
| Design | OH | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 109.50 | |

| | | | | | |
|-----------------------|------------------|--|------------------|--------------------------------|--|
| Survey Program | Date | 6/6/2018 | | | |
| From (usft) | To (usft) | Survey (Wellbore) | Tool Name | Description | |
| 124.00 | 399.00 | Survey #1 - Gyro MWD Survey (OH) | Gyro MWD 105 | Gyro MWD Error Model Ver 1.0.5 | |
| 471.00 | 1,068.00 | Survey #2 - Surface MWD Survey (OH) | MWD+HDGM | OWSG MWD + HDGM | |
| 1,174.00 | 8,470.00 | Survey #3 - Production MWD Survey (OH) | MWD+HDGM | OWSG MWD + HDGM | |

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|----------------------------------|------------------------|--------------------|------------------------------|---------------------|---------------------|--------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 124.00 | 0.70 | 172.09 | 124.00 | -0.75 | 0.10 | 0.35 | 0.56 | 0.56 | 0.00 | |
| First SDI Gyro MWD Survey | | | | | | | | | | |
| 217.00 | 2.90 | 177.36 | 216.95 | -3.66 | 0.29 | 1.50 | 2.37 | 2.37 | 5.67 | |
| 308.00 | 4.93 | 163.13 | 307.73 | -9.71 | 1.53 | 4.68 | 2.46 | 2.23 | -15.64 | |
| 399.00 | 5.98 | 149.77 | 398.32 | -17.54 | 5.05 | 10.62 | 1.80 | 1.15 | -14.68 | |
| Last SDI Gyro MWD Survey | | | | | | | | | | |
| 471.00 | 7.05 | 134.85 | 469.86 | -23.90 | 10.07 | 17.48 | 2.77 | 1.49 | -20.72 | |

| | | | |
|------------------|---------------------------|-------------------------------------|--|
| Company: | TEP Rocky Mountain LLC | Local Co-ordinate Reference: | Well PA 433-26 - Slot PA 433-26 (B5) |
| Project: | Garfield County, CO NAD83 | TVD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Site: | PA 23-26 Pad | MD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Well: | PA 433-26 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | 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) |
| First SDI Surface MWD Survey | | | | | | | | | |
| 563.00 | 8.31 | 120.62 | 561.04 | -31.27 | 19.80 | 29.10 | 2.47 | 1.37 | -15.47 |
| 654.00 | 8.66 | 105.77 | 651.06 | -36.48 | 32.05 | 42.39 | 2.43 | 0.38 | -16.32 |
| 747.00 | 10.59 | 95.96 | 742.75 | -39.27 | 47.29 | 57.69 | 2.72 | 2.08 | -10.55 |
| 838.00 | 13.43 | 92.84 | 831.75 | -40.66 | 66.17 | 75.95 | 3.20 | 3.12 | -3.43 |
| 932.00 | 16.07 | 94.41 | 922.64 | -42.21 | 90.05 | 98.97 | 2.84 | 2.81 | 1.67 |
| 1,027.00 | 17.28 | 95.78 | 1,013.65 | -44.64 | 117.20 | 125.37 | 1.34 | 1.27 | 1.44 |
| 1,068.00 | 17.32 | 95.16 | 1,052.79 | -45.80 | 129.33 | 137.20 | 0.46 | 0.10 | -1.51 |
| Last SDI Surface MWD Survey | | | | | | | | | |
| 1,174.00 | 18.19 | 93.69 | 1,153.74 | -48.28 | 161.56 | 168.41 | 0.92 | 0.82 | -1.39 |
| First SDI Production MWD Survey | | | | | | | | | |
| 1,268.00 | 18.64 | 94.05 | 1,242.93 | -50.29 | 191.19 | 197.01 | 0.49 | 0.48 | 0.38 |
| 1,362.00 | 18.51 | 94.27 | 1,332.03 | -52.46 | 221.05 | 225.88 | 0.16 | -0.14 | 0.23 |
| 1,456.00 | 18.06 | 95.66 | 1,421.29 | -55.01 | 250.43 | 254.43 | 0.67 | -0.48 | 1.48 |
| 1,551.00 | 17.11 | 96.48 | 1,511.85 | -58.04 | 278.97 | 282.34 | 1.03 | -1.00 | 0.86 |
| 1,645.00 | 17.56 | 100.02 | 1,601.58 | -62.07 | 306.67 | 309.80 | 1.22 | 0.48 | 3.77 |
| 1,740.00 | 19.11 | 100.46 | 1,691.75 | -67.38 | 336.08 | 339.30 | 1.64 | 1.63 | 0.46 |
| 1,834.00 | 18.29 | 99.97 | 1,780.79 | -72.73 | 365.74 | 369.04 | 0.89 | -0.87 | -0.52 |
| 1,929.00 | 17.89 | 99.29 | 1,871.09 | -77.67 | 394.82 | 398.10 | 0.48 | -0.42 | -0.72 |
| 2,023.00 | 17.39 | 99.11 | 1,960.67 | -82.22 | 422.94 | 426.13 | 0.54 | -0.53 | -0.19 |
| 2,117.00 | 16.60 | 99.48 | 2,050.57 | -86.66 | 450.05 | 453.17 | 0.85 | -0.84 | 0.39 |
| 2,212.00 | 15.99 | 99.00 | 2,141.75 | -90.94 | 476.36 | 479.40 | 0.66 | -0.64 | -0.51 |
| 2,305.00 | 15.56 | 99.90 | 2,231.25 | -95.09 | 501.30 | 504.29 | 0.53 | -0.46 | 0.97 |
| 2,400.00 | 16.56 | 97.47 | 2,322.54 | -99.04 | 527.28 | 530.09 | 1.27 | 1.05 | -2.56 |
| 2,495.00 | 15.34 | 99.69 | 2,413.88 | -102.92 | 553.09 | 555.72 | 1.44 | -1.28 | 2.34 |
| 2,589.00 | 16.99 | 98.19 | 2,504.16 | -106.96 | 578.94 | 581.44 | 1.81 | 1.76 | -1.60 |
| 2,683.00 | 16.56 | 98.63 | 2,594.16 | -110.93 | 605.78 | 608.06 | 0.48 | -0.46 | 0.47 |
| 2,777.00 | 15.97 | 98.48 | 2,684.40 | -114.85 | 631.81 | 633.91 | 0.63 | -0.63 | -0.16 |
| 2,872.00 | 17.04 | 95.47 | 2,775.49 | -118.10 | 658.60 | 660.24 | 1.44 | 1.13 | -3.17 |
| 2,967.00 | 16.19 | 96.13 | 2,866.52 | -120.84 | 685.62 | 686.63 | 0.92 | -0.89 | 0.69 |
| 3,061.00 | 15.18 | 94.37 | 2,957.02 | -123.18 | 710.92 | 711.26 | 1.19 | -1.07 | -1.87 |
| 3,156.00 | 16.91 | 100.82 | 3,048.32 | -126.72 | 736.90 | 736.93 | 2.61 | 1.82 | 6.79 |
| 3,250.00 | 15.87 | 101.30 | 3,138.50 | -131.81 | 762.93 | 763.17 | 1.12 | -1.11 | 0.51 |
| 3,344.00 | 16.83 | 97.24 | 3,228.70 | -136.04 | 789.04 | 789.19 | 1.59 | 1.02 | -4.32 |
| 3,438.00 | 16.11 | 98.41 | 3,318.84 | -139.66 | 815.44 | 815.29 | 0.84 | -0.77 | 1.24 |
| 3,532.00 | 15.39 | 100.55 | 3,409.32 | -143.85 | 840.60 | 840.41 | 0.98 | -0.77 | 2.28 |
| 3,627.00 | 16.18 | 94.81 | 3,500.74 | -147.27 | 866.19 | 865.66 | 1.84 | 0.83 | -6.04 |
| 3,721.00 | 15.48 | 96.88 | 3,591.17 | -149.87 | 891.69 | 890.57 | 0.96 | -0.74 | 2.20 |
| 3,815.00 | 16.68 | 96.30 | 3,681.49 | -152.86 | 917.56 | 915.95 | 1.29 | 1.28 | -0.62 |
| 3,910.00 | 16.44 | 97.95 | 3,772.55 | -156.21 | 944.42 | 942.39 | 0.56 | -0.25 | 1.74 |
| 4,004.00 | 15.98 | 97.27 | 3,862.82 | -159.69 | 970.43 | 968.07 | 0.53 | -0.49 | -0.72 |
| 4,098.00 | 15.12 | 98.41 | 3,953.38 | -163.12 | 995.39 | 992.75 | 0.97 | -0.91 | 1.21 |
| 4,193.00 | 17.09 | 97.19 | 4,044.64 | -166.68 | 1,021.50 | 1,018.55 | 2.10 | 2.07 | -1.28 |
| 4,287.00 | 16.25 | 99.20 | 4,134.69 | -170.51 | 1,048.19 | 1,044.98 | 1.08 | -0.89 | 2.14 |

| | | | |
|------------------|---------------------------|-------------------------------------|--|
| Company: | TEP Rocky Mountain LLC | Local Co-ordinate Reference: | Well PA 433-26 - Slot PA 433-26 (B5) |
| Project: | Garfield County, CO NAD83 | TVD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Site: | PA 23-26 Pad | MD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Well: | PA 433-26 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | Grand Junction District |

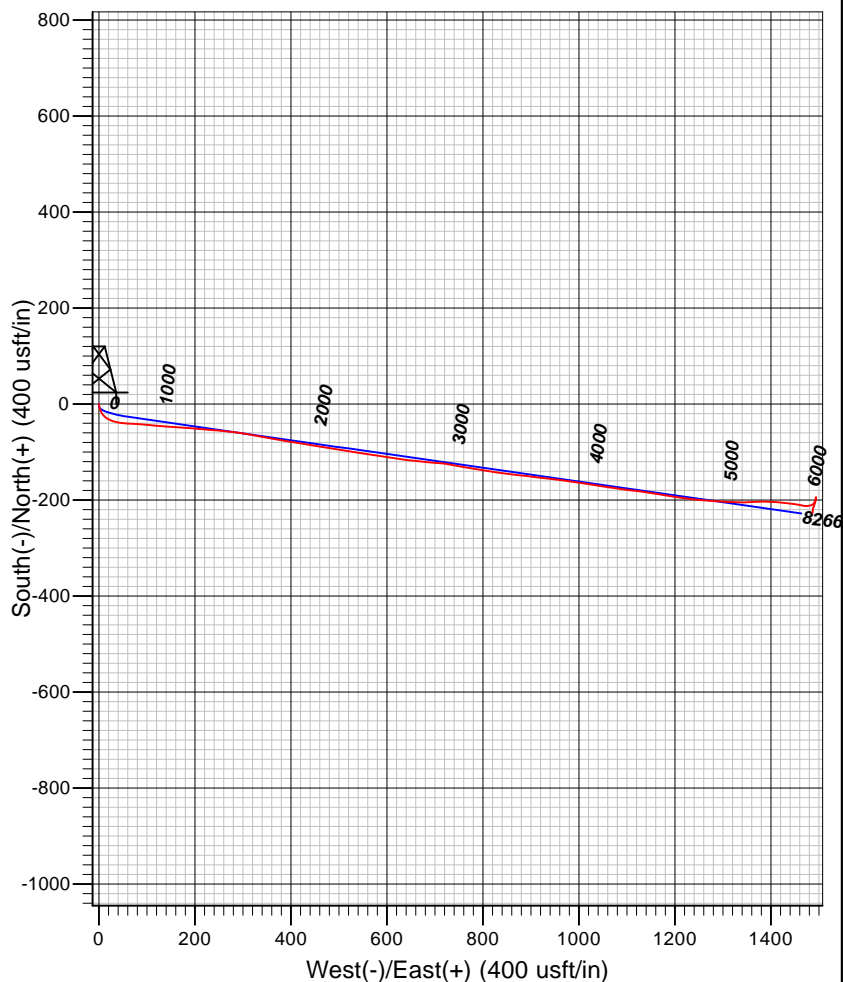
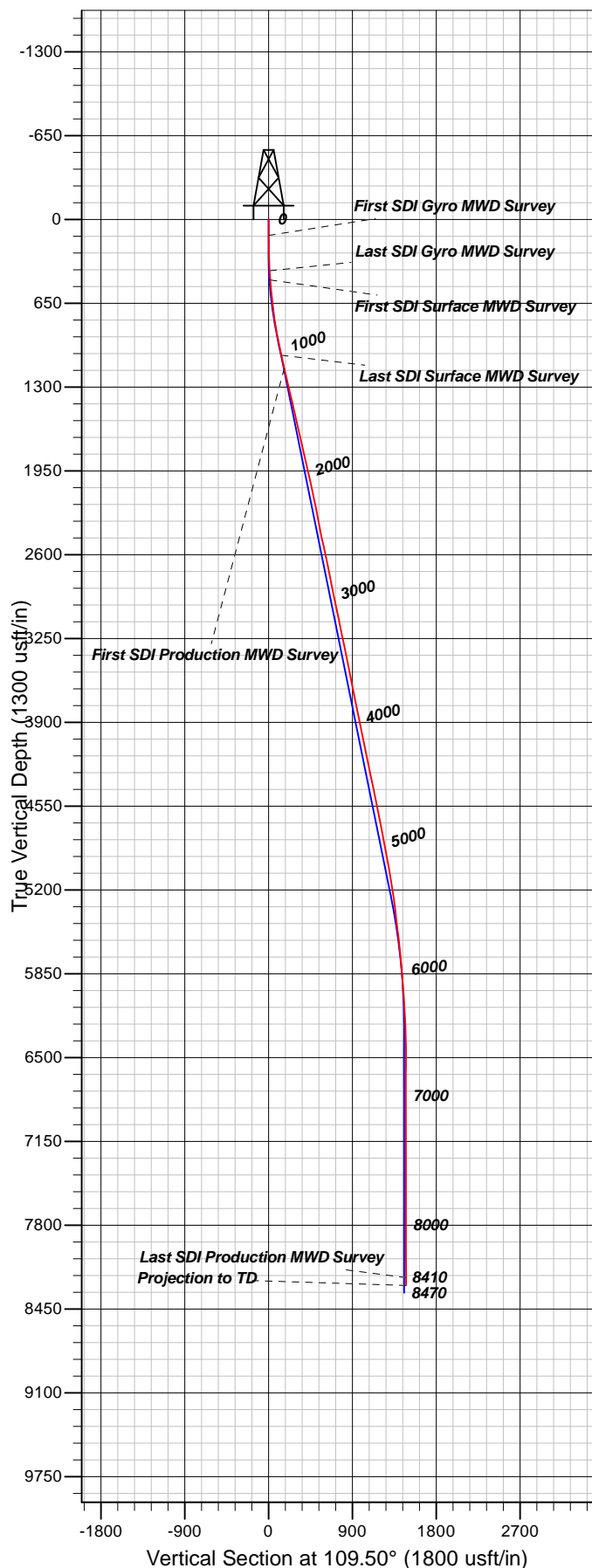
| Survey | | | | | | | | | |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,381.00 | 15.72 | 100.41 | 4,225.06 | -174.92 | 1,073.70 | 1,070.50 | 0.67 | -0.56 | 1.29 |
| 4,476.00 | 17.09 | 96.06 | 4,316.19 | -178.71 | 1,100.24 | 1,096.78 | 1.94 | 1.44 | -4.58 |
| 4,570.00 | 16.69 | 97.58 | 4,406.14 | -181.95 | 1,127.35 | 1,123.43 | 0.63 | -0.43 | 1.62 |
| 4,665.00 | 16.00 | 98.96 | 4,497.30 | -185.79 | 1,153.81 | 1,149.64 | 0.83 | -0.73 | 1.45 |
| 4,759.00 | 15.18 | 99.80 | 4,587.84 | -189.90 | 1,178.73 | 1,174.51 | 0.90 | -0.87 | 0.89 |
| 4,853.00 | 15.73 | 97.45 | 4,678.44 | -193.65 | 1,203.50 | 1,199.11 | 0.89 | 0.59 | -2.50 |
| 4,947.00 | 14.90 | 98.15 | 4,769.10 | -197.02 | 1,228.09 | 1,223.42 | 0.90 | -0.88 | 0.74 |
| 5,041.00 | 15.45 | 95.68 | 4,859.82 | -199.97 | 1,252.52 | 1,247.42 | 0.90 | 0.59 | -2.63 |
| 5,136.00 | 15.07 | 92.86 | 4,951.48 | -201.84 | 1,277.44 | 1,271.54 | 0.88 | -0.40 | -2.97 |
| 5,230.00 | 14.34 | 92.86 | 5,042.40 | -203.03 | 1,301.27 | 1,294.41 | 0.78 | -0.78 | 0.00 |
| 5,325.00 | 12.46 | 93.94 | 5,134.81 | -204.32 | 1,323.25 | 1,315.55 | 2.00 | -1.98 | 1.14 |
| 5,419.00 | 12.65 | 88.32 | 5,226.56 | -204.71 | 1,343.66 | 1,334.92 | 1.31 | 0.20 | -5.98 |
| 5,513.00 | 10.88 | 87.12 | 5,318.58 | -203.97 | 1,362.81 | 1,352.72 | 1.90 | -1.88 | -1.28 |
| 5,608.00 | 9.69 | 87.04 | 5,412.05 | -203.10 | 1,379.75 | 1,368.40 | 1.25 | -1.25 | -0.08 |
| 5,702.00 | 10.07 | 94.06 | 5,504.66 | -203.28 | 1,395.84 | 1,383.63 | 1.34 | 0.40 | 7.47 |
| 5,797.00 | 8.64 | 93.34 | 5,598.40 | -204.28 | 1,411.25 | 1,398.49 | 1.51 | -1.51 | -0.76 |
| 5,891.00 | 7.84 | 95.17 | 5,691.43 | -205.27 | 1,424.69 | 1,411.49 | 0.90 | -0.85 | 1.95 |
| 5,986.00 | 7.03 | 97.42 | 5,785.63 | -206.60 | 1,436.91 | 1,423.45 | 0.91 | -0.85 | 2.37 |
| 6,080.00 | 6.78 | 98.36 | 5,878.95 | -208.15 | 1,448.10 | 1,434.52 | 0.29 | -0.27 | 1.00 |
| 6,174.00 | 6.26 | 100.10 | 5,972.34 | -209.86 | 1,458.63 | 1,445.02 | 0.59 | -0.55 | 1.85 |
| 6,268.00 | 5.30 | 102.40 | 6,065.86 | -211.69 | 1,467.92 | 1,454.38 | 1.05 | -1.02 | 2.45 |
| 6,363.00 | 4.90 | 85.63 | 6,160.49 | -212.32 | 1,476.25 | 1,462.45 | 1.62 | -0.42 | -17.65 |
| 6,457.00 | 4.67 | 68.30 | 6,254.16 | -210.60 | 1,483.81 | 1,469.00 | 1.55 | -0.24 | -18.44 |
| 6,552.00 | 3.82 | 40.23 | 6,348.91 | -206.76 | 1,489.45 | 1,473.03 | 2.33 | -0.89 | -29.55 |
| 6,646.00 | 2.99 | 10.77 | 6,442.75 | -201.96 | 1,491.93 | 1,473.77 | 2.03 | -0.88 | -31.34 |
| 6,740.00 | 2.51 | 16.76 | 6,536.65 | -197.58 | 1,492.98 | 1,473.30 | 0.59 | -0.51 | 6.37 |
| 6,835.00 | 0.60 | 18.56 | 6,631.61 | -195.11 | 1,493.74 | 1,473.19 | 2.01 | -2.01 | 1.89 |
| 6,929.00 | 0.26 | 2.02 | 6,725.60 | -194.43 | 1,493.90 | 1,473.12 | 0.38 | -0.36 | -17.60 |
| 7,024.00 | 0.21 | 13.15 | 6,820.60 | -194.05 | 1,493.95 | 1,473.03 | 0.07 | -0.05 | 11.72 |
| 7,118.00 | 0.23 | 262.25 | 6,914.60 | -193.91 | 1,493.80 | 1,472.85 | 0.39 | 0.02 | -117.98 |
| 7,212.00 | 0.90 | 200.74 | 7,008.60 | -194.62 | 1,493.35 | 1,472.66 | 0.87 | 0.71 | -65.44 |
| 7,306.00 | 1.38 | 178.66 | 7,102.58 | -196.45 | 1,493.12 | 1,473.05 | 0.68 | 0.51 | -23.49 |
| 7,401.00 | 1.38 | 178.22 | 7,197.55 | -198.73 | 1,493.18 | 1,473.87 | 0.01 | 0.00 | -0.46 |
| 7,495.00 | 1.49 | 193.42 | 7,291.52 | -201.05 | 1,492.93 | 1,474.41 | 0.42 | 0.12 | 16.17 |
| 7,589.00 | 1.56 | 194.63 | 7,385.49 | -203.48 | 1,492.33 | 1,474.65 | 0.08 | 0.07 | 1.29 |
| 7,683.00 | 1.62 | 200.67 | 7,479.45 | -205.96 | 1,491.53 | 1,474.73 | 0.19 | 0.06 | 6.43 |
| 7,778.00 | 1.65 | 193.98 | 7,574.41 | -208.54 | 1,490.73 | 1,474.83 | 0.20 | 0.03 | -7.04 |
| 7,873.00 | 1.62 | 196.42 | 7,669.38 | -211.16 | 1,490.02 | 1,475.04 | 0.08 | -0.03 | 2.57 |
| 7,967.00 | 1.28 | 211.09 | 7,763.35 | -213.33 | 1,489.10 | 1,474.90 | 0.53 | -0.36 | 15.61 |
| 8,061.00 | 1.15 | 204.65 | 7,857.32 | -215.09 | 1,488.17 | 1,474.60 | 0.20 | -0.14 | -6.85 |
| 8,156.00 | 1.34 | 195.79 | 7,952.30 | -217.02 | 1,487.47 | 1,474.59 | 0.28 | 0.20 | -9.33 |
| 8,250.00 | 1.61 | 177.03 | 8,046.27 | -219.40 | 1,487.24 | 1,475.17 | 0.58 | 0.29 | -19.96 |
| 8,344.00 | 1.89 | 188.18 | 8,140.23 | -222.25 | 1,487.08 | 1,475.97 | 0.47 | 0.30 | 11.86 |

| | | | |
|------------------|---------------------------|-------------------------------------|--|
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| Site: | PA 23-26 Pad | MD Reference: | GL 5637' & RKB 24' @ 5661.00usft (H&P 271) |
| Well: | PA 433-26 | North Reference: | True |
| Wellbore: | OH | Survey Calculation Method: | Minimum Curvature |
| Design: | OH | Database: | 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) | |
| 8,410.00 | 1.93 | 186.13 | 8,206.19 | -224.44 | 1,486.81 | 1,476.44 | 0.12 | 0.06 | -3.11 | |
| Last SDI Production MWD Survey | | | | | | | | | | |
| 8,470.00 | 1.93 | 186.13 | 8,266.16 | -226.45 | 1,486.59 | 1,476.91 | 0.00 | 0.00 | 0.00 | |
| Projection to TD - PBHL(PA 433-26) | | | | | | | | | | |

| Design Annotations | | | | | |
|-----------------------|-----------------------|-------------------|--------------|---------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | | |
| | | +N/-S (usft) | +E/-W (usft) | Comment | |
| 124.00 | 124.00 | -0.75 | 0.10 | First SDI Gyro MWD Survey | |
| 399.00 | 398.32 | -17.54 | 5.05 | Last SDI Gyro MWD Survey | |
| 471.00 | 469.86 | -23.90 | 10.07 | First SDI Surface MWD Survey | |
| 1,068.00 | 1,052.79 | -45.80 | 129.33 | Last SDI Surface MWD Survey | |
| 1,174.00 | 1,153.74 | -48.28 | 161.56 | First SDI Production MWD Survey | |
| 8,410.00 | 8,206.19 | -224.44 | 1,486.81 | Last SDI Production MWD Survey | |
| 8,470.00 | 8,266.16 | -226.45 | 1,486.59 | Projection to TD | |

Checked By: _____ Approved By: _____ Date: _____



Well Details: PA 433-26

TVD Reference: GL 5637' & RKB 24' @ 5661.00usft (H&P 271) and Level: 5637.00
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.00 0.00 1614389.90 2303951.20 39.4943323 -107.9667494 PA 433-26 (B5)

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well PA 433-26 - Slot PA 433-26 (B5), True North
 Vertical (TVD) Reference: GL 5637' & RKB 24' @ 5661.00usft (H&P 271)
 Section (VS) Reference: Slot - PA 433-26 (B5)(0.00N, 0.00E)
 Measured Depth Reference: GL 5637' & RKB 24' @ 5661.00usft (H&P 271)
 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

17:30, June 06 2018
 Created By: Mel Mireles Jr.