

Extraction Oil & Gas

Weld County, CO (NAD83)

TROTT Pad

TROTT 8E-10-7C

Wellbore #1

Design: Wellbore #1

Standard Survey Report

08 January, 2018

Survey Report

| | | | |
|------------------|-------------------------|-------------------------------------|----------------------------|
| Company: | Extraction Oil & Gas | Local Co-ordinate Reference: | Well TROTT 8E-10-7C |
| Project: | Weld County, CO (NAD83) | TVD Reference: | KB=25' @ 5059.00ft (P 346) |
| Site: | TROTT Pad | MD Reference: | KB=25' @ 5059.00ft (P 346) |
| Well: | TROTT 8E-10-7C | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 |

| | | | |
|--------------------|---------------------------|----------------------|--------------|
| Project | Weld County, CO (NAD83) | | |
| Map System: | US State Plane 1983 | System Datum: | Ground Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

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|-----------------------|---------|--------------|---------------------|-------------------|-------------|
| Site | | TROTT Pad | | | |
| Site Position: | | Northing: | 1,361,363.2700 usft | Latitude: | 40.324433 |
| From: | Map | Easting: | 3,128,030.0400 usft | Longitude: | -105.040814 |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16 " | Grid Convergence: | 0.30 ° |

| Well | | TROTT 8E-10-7C | | | | |
|----------------------|-------|----------------|---------------------|--------------------|---------------|-------------|
| Well Position | +N/-S | 0.00 ft | Northing: | 1,361,363.3600 usf | Latitude: | 40.324434 |
| | +E/-W | 0.00 ft | Easting: | 3,127,975.9400 usf | Longitude: | -105.041008 |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | 0.00 ft | Ground Level: | 5,034.00 ft |

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|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | HDGM | 12/19/2017 | 8.53 | 66.65 | 52,162 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| Design | Wellbore #1 | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.00 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.00 | 0.00 | 0.00 | 82.82 | |

| | | | | | |
|-----------------------|----------------|-------------------------------|------------------|--------------------|--|
| Survey Program | Date | 1/8/2018 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 113.00 | 1,539.00 | Surface Surveys (Wellbore #1) | MWD | MWD - Standard | |
| 1,650.00 | 9,850.00 | MWD Surveys (Wellbore #1) | MWD | MWD - Standard | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|--------------------------------|-------------------------------|------------------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | 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 | |
| 113.00 | 0.09 | 23.24 | 113.00 | 0.08 | 0.04 | 0.04 | 0.08 | 0.08 | 0.00 | |
| 208.00 | 0.79 | 1.36 | 208.00 | 0.80 | 0.08 | 0.18 | 0.74 | 0.74 | -23.03 | |
| 303.00 | 0.79 | 60.68 | 302.99 | 1.78 | 0.67 | 0.88 | 0.82 | 0.00 | 62.44 | |
| 397.00 | 0.83 | 9.53 | 396.98 | 2.77 | 1.34 | 1.68 | 0.74 | 0.04 | -54.42 | |
| 493.00 | 0.75 | 183.29 | 492.98 | 2.83 | 1.42 | 1.77 | 1.64 | -0.08 | 181.00 | |
| 588.00 | 0.75 | 193.84 | 587.97 | 1.60 | 1.24 | 1.43 | 0.15 | 0.00 | 11.11 | |
| 683.00 | 0.13 | 166.15 | 682.97 | 0.89 | 1.12 | 1.22 | 0.67 | -0.65 | -29.15 | |
| 778.00 | 0.31 | 319.34 | 777.97 | 0.99 | 0.97 | 1.09 | 0.45 | 0.19 | 161.25 | |
| 872.00 | 0.97 | 346.77 | 871.96 | 1.95 | 0.63 | 0.87 | 0.75 | 0.70 | 29.18 | |

Survey Report

| | | | |
|------------------|-------------------------|-------------------------------------|----------------------------|
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| Project: | Weld County, CO (NAD83) | TVD Reference: | KB=25' @ 5059.00ft (P 346) |
| Site: | TROTT Pad | MD Reference: | KB=25' @ 5059.00ft (P 346) |
| Well: | TROTT 8E-10-7C | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|-----------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| 967.00 | 0.79 | 0.57 | 966.95 | 3.39 | 0.45 | 0.87 | 0.29 | -0.19 | 14.53 |
| 1,060.00 | 0.88 | 35.28 | 1,059.94 | 4.61 | 0.87 | 1.44 | 0.54 | 0.10 | 37.32 |
| 1,155.00 | 3.30 | 59.36 | 1,154.87 | 6.60 | 3.64 | 4.44 | 2.65 | 2.55 | 25.35 |
| 1,251.00 | 4.17 | 52.60 | 1,250.67 | 10.13 | 8.79 | 9.99 | 1.01 | 0.91 | -7.04 |
| 1,346.00 | 6.72 | 45.74 | 1,345.23 | 16.11 | 15.52 | 17.41 | 2.77 | 2.68 | -7.22 |
| 1,441.00 | 9.05 | 49.17 | 1,439.33 | 24.88 | 25.15 | 28.07 | 2.50 | 2.45 | 3.61 |
| 1,489.00 | 9.93 | 48.20 | 1,486.67 | 30.10 | 31.10 | 34.62 | 1.86 | 1.83 | -2.02 |
| 1,539.00 | 9.93 | 48.20 | 1,535.92 | 35.85 | 37.52 | 41.71 | 0.00 | 0.00 | 0.00 |
| 1,650.00 | 11.09 | 41.54 | 1,645.06 | 50.22 | 51.74 | 57.61 | 1.51 | 1.05 | -6.00 |
| First MWD Survey @ 1650'MD | | | | | | | | | |
| 1,745.00 | 14.18 | 46.12 | 1,737.75 | 65.13 | 66.19 | 73.81 | 3.42 | 3.25 | 4.82 |
| 1,839.00 | 17.10 | 44.93 | 1,828.26 | 82.90 | 84.25 | 93.96 | 3.12 | 3.11 | -1.27 |
| 1,934.00 | 19.31 | 45.55 | 1,918.50 | 103.79 | 105.33 | 117.48 | 2.34 | 2.33 | 0.65 |
| 2,028.00 | 20.50 | 47.13 | 2,006.88 | 125.87 | 128.49 | 143.22 | 1.39 | 1.27 | 1.68 |
| 2,123.00 | 22.80 | 46.91 | 2,095.18 | 149.77 | 154.13 | 171.65 | 2.42 | 2.42 | -0.23 |
| 2,217.00 | 24.30 | 50.04 | 2,181.35 | 174.63 | 182.26 | 202.67 | 2.08 | 1.60 | 3.33 |
| 2,312.00 | 25.32 | 50.92 | 2,267.58 | 199.99 | 213.01 | 236.35 | 1.14 | 1.07 | 0.93 |
| 2,406.00 | 25.19 | 52.42 | 2,352.59 | 224.87 | 244.47 | 270.67 | 0.69 | -0.14 | 1.60 |
| 2,501.00 | 23.91 | 48.54 | 2,439.01 | 249.94 | 274.92 | 304.02 | 2.17 | -1.35 | -4.08 |
| 2,595.00 | 22.58 | 50.22 | 2,525.38 | 274.10 | 303.07 | 334.97 | 1.58 | -1.41 | 1.79 |
| 2,690.00 | 23.82 | 51.72 | 2,612.70 | 297.66 | 332.14 | 366.76 | 1.45 | 1.31 | 1.58 |
| 2,785.00 | 24.70 | 56.12 | 2,699.31 | 320.61 | 363.68 | 400.93 | 2.12 | 0.93 | 4.63 |
| 2,879.00 | 24.08 | 53.04 | 2,784.93 | 343.09 | 395.31 | 435.12 | 1.51 | -0.66 | -3.28 |
| 2,974.00 | 22.40 | 49.51 | 2,872.22 | 366.50 | 424.57 | 467.07 | 2.30 | -1.77 | -3.72 |
| 3,067.00 | 21.52 | 51.32 | 2,958.47 | 388.67 | 451.36 | 496.43 | 1.19 | -0.95 | 1.95 |
| 3,162.00 | 20.99 | 54.71 | 3,047.01 | 409.39 | 478.85 | 526.29 | 1.41 | -0.56 | 3.57 |
| 3,256.00 | 21.61 | 56.74 | 3,134.59 | 428.61 | 507.07 | 556.69 | 1.02 | 0.66 | 2.16 |
| 3,350.00 | 22.80 | 55.11 | 3,221.62 | 448.52 | 536.48 | 588.37 | 1.43 | 1.27 | -1.73 |
| 3,445.00 | 24.70 | 48.41 | 3,308.59 | 472.23 | 566.44 | 621.05 | 3.47 | 2.00 | -7.05 |
| 3,539.00 | 22.80 | 43.83 | 3,394.63 | 498.41 | 593.74 | 651.42 | 2.82 | -2.02 | -4.87 |
| 3,633.00 | 20.42 | 48.94 | 3,482.02 | 522.33 | 618.73 | 679.19 | 3.23 | -2.53 | 5.44 |
| 3,727.00 | 17.99 | 44.14 | 3,570.79 | 543.52 | 641.20 | 704.15 | 3.08 | -2.59 | -5.11 |
| 3,821.00 | 16.62 | 50.75 | 3,660.54 | 562.44 | 661.73 | 726.88 | 2.55 | -1.46 | 7.03 |
| 3,916.00 | 14.58 | 45.24 | 3,752.04 | 579.46 | 680.74 | 747.87 | 2.65 | -2.15 | -5.80 |
| 4,010.00 | 14.32 | 51.14 | 3,843.08 | 595.09 | 698.20 | 767.14 | 1.59 | -0.28 | 6.28 |
| 4,104.00 | 12.81 | 44.93 | 3,934.46 | 609.76 | 714.61 | 785.26 | 2.23 | -1.61 | -6.61 |
| 4,198.00 | 10.52 | 51.94 | 4,026.51 | 622.43 | 728.73 | 800.85 | 2.86 | -2.44 | 7.46 |
| 4,293.00 | 8.40 | 41.45 | 4,120.22 | 632.98 | 740.15 | 813.51 | 2.87 | -2.23 | -11.04 |
| 4,387.00 | 6.01 | 53.35 | 4,213.48 | 641.07 | 748.65 | 822.95 | 2.98 | -2.54 | 12.66 |
| 4,481.00 | 3.40 | 22.72 | 4,307.17 | 646.58 | 753.67 | 828.62 | 3.76 | -2.78 | -32.59 |
| 4,576.00 | 1.90 | 359.22 | 4,402.07 | 650.75 | 754.74 | 830.20 | 1.92 | -1.58 | -24.74 |
| 4,670.00 | 0.49 | 3.14 | 4,496.04 | 652.71 | 754.74 | 830.45 | 1.50 | -1.50 | 4.17 |
| 4,765.00 | 1.50 | 23.03 | 4,591.03 | 654.26 | 755.25 | 831.15 | 1.11 | 1.06 | 20.94 |

Survey Report

| | | | |
|------------------|-------------------------|-------------------------------------|----------------------------|
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| Site: | TROTT Pad | MD Reference: | KB=25' @ 5059.00ft (P 346) |
| Well: | TROTT 8E-10-7C | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| 4,859.00 | 1.10 | 262.93 | 4,685.02 | 655.28 | 754.84 | 830.86 | 2.41 | -0.43 | -127.77 |
| 4,953.00 | 1.68 | 344.81 | 4,778.99 | 656.50 | 753.58 | 829.77 | 1.99 | 0.62 | 87.11 |
| 5,043.00 | 1.28 | 335.64 | 4,868.96 | 658.69 | 752.82 | 829.29 | 0.52 | -0.44 | -10.19 |
| 5,168.00 | 5.30 | 87.41 | 4,993.79 | 660.22 | 758.01 | 834.64 | 4.72 | 3.22 | 89.42 |
| 5,262.00 | 16.48 | 91.95 | 5,085.95 | 659.96 | 775.73 | 852.18 | 11.92 | 11.89 | 4.83 |
| 5,355.00 | 22.89 | 86.93 | 5,173.48 | 660.48 | 807.01 | 883.28 | 7.12 | 6.89 | -5.40 |
| 5,449.00 | 32.92 | 90.72 | 5,256.45 | 661.14 | 850.92 | 926.93 | 10.83 | 10.67 | 4.03 |
| 5,544.00 | 39.11 | 92.04 | 5,333.26 | 659.75 | 906.74 | 982.13 | 6.57 | 6.52 | 1.39 |
| 5,638.00 | 49.01 | 91.64 | 5,400.72 | 657.68 | 971.99 | 1,046.61 | 10.54 | 10.53 | -0.43 |
| 5,733.00 | 58.99 | 91.24 | 5,456.49 | 655.76 | 1,048.73 | 1,122.51 | 10.51 | 10.51 | -0.42 |
| 5,818.58 | 67.20 | 90.52 | 5,495.18 | 654.61 | 1,124.97 | 1,198.01 | 9.63 | 9.60 | -0.85 |
| Enter Section @ 5818.58'MD | | | | | | | | | |
| 5,827.00 | 68.01 | 90.45 | 5,498.39 | 654.55 | 1,132.75 | 1,205.72 | 9.63 | 9.60 | -0.78 |
| 5,898.14 | 73.93 | 89.38 | 5,521.58 | 654.66 | 1,199.97 | 1,272.43 | 8.44 | 8.33 | -1.50 |
| Hardline Crossing @ 5898.14 (75'FWL & 2185'FSL) | | | | | | | | | |
| 5,922.00 | 75.92 | 89.04 | 5,527.78 | 654.97 | 1,223.01 | 1,295.32 | 8.44 | 8.33 | -1.44 |
| 5,922.58 | 75.94 | 89.04 | 5,527.92 | 654.98 | 1,223.58 | 1,295.89 | 4.04 | 4.00 | -0.57 |
| Trott 7C LP | | | | | | | | | |
| 6,017.00 | 79.72 | 88.51 | 5,547.82 | 656.96 | 1,315.83 | 1,387.67 | 4.04 | 4.00 | -0.56 |
| 6,111.00 | 79.19 | 89.53 | 5,565.02 | 658.54 | 1,408.23 | 1,479.54 | 1.21 | -0.56 | 1.09 |
| 6,205.00 | 81.22 | 89.04 | 5,581.01 | 659.70 | 1,500.85 | 1,571.57 | 2.22 | 2.16 | -0.52 |
| 6,299.00 | 80.38 | 88.25 | 5,596.04 | 661.89 | 1,593.61 | 1,663.88 | 1.22 | -0.89 | -0.84 |
| 6,393.00 | 82.50 | 87.63 | 5,610.03 | 665.24 | 1,686.50 | 1,756.46 | 2.35 | 2.26 | -0.66 |
| 6,487.00 | 83.78 | 89.75 | 5,621.26 | 667.37 | 1,779.79 | 1,849.28 | 2.62 | 1.36 | 2.26 |
| 6,676.00 | 84.31 | 88.03 | 5,640.87 | 671.01 | 1,967.73 | 2,036.20 | 0.95 | 0.28 | -0.91 |
| 6,769.00 | 82.81 | 89.92 | 5,651.30 | 672.67 | 2,060.12 | 2,128.07 | 2.58 | -1.61 | 2.03 |
| 6,863.00 | 83.12 | 89.35 | 5,662.82 | 673.26 | 2,153.41 | 2,220.71 | 0.69 | 0.33 | -0.61 |
| 6,958.00 | 83.52 | 88.73 | 5,673.87 | 674.84 | 2,247.75 | 2,314.50 | 0.77 | 0.42 | -0.65 |
| 7,052.00 | 83.69 | 87.94 | 5,684.34 | 677.56 | 2,341.13 | 2,407.49 | 0.85 | 0.18 | -0.84 |
| 7,147.00 | 81.49 | 90.14 | 5,696.59 | 679.14 | 2,435.31 | 2,501.13 | 3.26 | -2.32 | 2.32 |
| 7,241.00 | 81.62 | 90.14 | 5,710.40 | 678.91 | 2,528.29 | 2,593.35 | 0.14 | 0.14 | 0.00 |
| 7,335.00 | 82.10 | 89.44 | 5,723.71 | 679.25 | 2,621.34 | 2,685.71 | 0.90 | 0.51 | -0.74 |
| 7,430.00 | 82.19 | 88.25 | 5,736.69 | 681.15 | 2,715.43 | 2,779.30 | 1.24 | 0.09 | -1.25 |
| 7,524.00 | 82.10 | 86.04 | 5,749.54 | 685.79 | 2,808.42 | 2,872.14 | 2.33 | -0.10 | -2.35 |
| 7,618.00 | 82.81 | 86.22 | 5,761.88 | 692.08 | 2,901.40 | 2,965.17 | 0.78 | 0.76 | 0.19 |
| 7,713.00 | 80.69 | 88.12 | 5,775.51 | 696.72 | 2,995.29 | 3,058.91 | 2.98 | -2.23 | 2.00 |
| 7,807.00 | 78.70 | 87.23 | 5,792.33 | 700.47 | 3,087.69 | 3,151.05 | 2.31 | -2.12 | -0.95 |
| 7,901.00 | 78.39 | 89.04 | 5,811.00 | 703.47 | 3,179.77 | 3,242.78 | 1.92 | -0.33 | 1.93 |
| 7,996.00 | 78.30 | 90.94 | 5,830.19 | 703.49 | 3,272.80 | 3,335.09 | 1.96 | -0.09 | 2.00 |
| 8,090.00 | 79.50 | 90.54 | 5,848.29 | 702.30 | 3,365.04 | 3,426.45 | 1.34 | 1.28 | -0.43 |
| 8,184.00 | 82.10 | 91.33 | 5,863.31 | 700.78 | 3,457.80 | 3,518.30 | 2.89 | 2.77 | 0.84 |
| 8,278.00 | 82.81 | 90.32 | 5,875.66 | 699.44 | 3,550.98 | 3,610.58 | 1.31 | 0.76 | -1.07 |
| 8,372.00 | 81.09 | 89.75 | 5,888.82 | 699.38 | 3,644.05 | 3,702.91 | 1.93 | -1.83 | -0.61 |
| 8,466.00 | 81.49 | 88.91 | 5,903.06 | 700.47 | 3,736.96 | 3,795.22 | 0.98 | 0.43 | -0.89 |

Survey Report

| | | | |
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| Project: | Weld County, CO (NAD83) | TVD Reference: | KB=25' @ 5059.00ft (P 346) |
| Site: | TROTT Pad | MD Reference: | KB=25' @ 5059.00ft (P 346) |
| Well: | TROTT 8E-10-7C | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | EDM 5000.1 |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-------------------------|------------------------|-----------------------|
| 8,560.00 | 81.31 | 87.32 | 5,917.11 | 703.52 | 3,829.85 | 3,887.76 | 1.68 | -0.19 | -1.69 |
| 8,654.00 | 79.89 | 88.25 | 5,932.47 | 707.11 | 3,922.51 | 3,980.15 | 1.80 | -1.51 | 0.99 |
| 8,749.00 | 77.29 | 87.15 | 5,951.26 | 710.84 | 4,015.55 | 4,072.93 | 2.96 | -2.74 | -1.16 |
| 8,843.00 | 78.39 | 89.04 | 5,971.06 | 713.89 | 4,107.39 | 4,164.42 | 2.29 | 1.17 | 2.01 |
| 8,938.00 | 77.51 | 90.32 | 5,990.89 | 714.41 | 4,200.29 | 4,256.66 | 1.61 | -0.93 | 1.35 |
| 9,032.00 | 77.91 | 89.83 | 6,010.90 | 714.29 | 4,292.13 | 4,347.77 | 0.66 | 0.43 | -0.52 |
| 9,125.00 | 76.40 | 89.35 | 6,031.58 | 714.94 | 4,382.80 | 4,437.80 | 1.70 | -1.62 | -0.52 |
| 9,220.00 | 78.48 | 89.53 | 6,052.23 | 715.85 | 4,475.52 | 4,529.91 | 2.20 | 2.19 | 0.19 |
| 9,314.00 | 78.79 | 88.42 | 6,070.76 | 717.50 | 4,567.66 | 4,621.53 | 1.20 | 0.33 | -1.18 |
| 9,408.00 | 79.10 | 87.54 | 6,088.78 | 720.75 | 4,659.85 | 4,713.41 | 0.98 | 0.33 | -0.94 |
| 9,502.00 | 77.42 | 87.54 | 6,107.91 | 724.70 | 4,751.80 | 4,805.13 | 1.79 | -1.79 | 0.00 |
| 9,596.00 | 76.32 | 88.64 | 6,129.26 | 727.75 | 4,843.29 | 4,896.28 | 1.63 | -1.17 | 1.17 |
| 9,690.00 | 76.49 | 88.51 | 6,151.36 | 730.02 | 4,934.63 | 4,987.18 | 0.23 | 0.18 | -0.14 |
| 9,783.00 | 74.50 | 89.61 | 6,174.65 | 731.51 | 5,024.64 | 5,076.68 | 2.43 | -2.14 | 1.18 |
| Final MWD Survey @ 9783'MD | | | | | | | | | |
| 9,850.00 | 74.50 | 89.61 | 6,192.56 | 731.94 | 5,089.21 | 5,140.79 | 0.00 | 0.00 | 0.00 |
| PTD @ 9850'MD (1364'FWL & 2175'FSL) - Trott 7C BHL | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
|---------------------|---------------------|-------------------|------------|---|
| | | +N/-S (ft) | +E/-W (ft) | |
| 1,650.00 | 1,645.06 | 50.22 | 51.74 | First MWD Survey @ 1650'MD |
| 5,818.58 | 5,495.18 | 654.61 | 1,124.97 | Enter Section @ 5818.58'MD |
| 5,898.14 | 5,521.58 | 654.66 | 1,199.97 | Hardline Crossing @ 5898.14 (75'FWL & 2185'FSL) |
| 9,783.00 | 6,174.65 | 731.51 | 5,024.64 | Final MWD Survey @ 9783'MD |
| 9,850.00 | 6,192.56 | 731.94 | 5,089.21 | PTD @ 9850'MD (1364'FWL & 2175'FSL) |

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