



Extraction Oil & Gas

WELD COUNTY, CO

Kiteley 21-I Pad

Kiteley 2

Kiteley 2

Survey: Survey #1

Standard Survey Report

09 March, 2017



| | | | |
|------------------|----------------------|-------------------------------------|---------------------------------|
| Company: | Extraction Oil & Gas | Local Co-ordinate Reference: | Well Kiteley 2 |
| Project: | WELD COUNTY, CO | TVD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Site: | Kiteley 21-I Pad | MD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Well: | Kiteley 2 | North Reference: | True |
| Wellbore: | Kiteley 2 | Survey Calculation Method: | Minimum Curvature |
| Design: | Kiteley 2 | Database: | EDM 5000.1 Single User Db |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | WELD COUNTY, CO | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| Site | | Kiteley 21-I Pad | | | |
|-----------------------|----------|------------------|-------------------|-------------------|------------------|
| Site Position: | | Northing: | 1,319,048.75 usft | Latitude: | 40° 12' 29.416 N |
| From: | Lat/Long | Easting: | 3,135,328.07 usft | Longitude: | 105° 0' 55.688 W |
| Position Uncertainty: | 0.00 ft | Slot Radius: | 13-3/16" | Grid Convergence: | 0.31 ° |

| Well | Kiteley 2 | | | | | |
|----------------------|-----------|---------|---------------------|-------------------|---------------|------------------|
| Well Position | +N/-S | 0.00 ft | Northing: | 1,319,029.15 usft | Latitude: | 40° 12' 29.221 N |
| | +E/-W | 0.00 ft | Easting: | 3,135,343.82 usft | Longitude: | 105° 0' 55.487 W |
| Position Uncertainty | | 0.00 ft | Wellhead Elevation: | 0.00 ft | Ground Level: | 4,991.00 ft |

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|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Kiteley 2 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2015 | 01/31/17 | 8.37 | 66.67 | 52,307 |

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|--------------------------|------------------------------|-------------------|-------------------|----------------------|------|
| Design | Kiteley 2 | | | | |
| 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 | 80.64 | |

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|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 03/08/17 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 130.00 | 11,670.00 | Survey #1 (Kiteley 2) | 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 | |
| 130.00 | 1.30 | 122.30 | 129.99 | -0.79 | 1.25 | 1.10 | 1.00 | 1.00 | 0.00 | |
| 257.00 | 1.10 | 324.10 | 256.98 | -0.57 | 1.75 | 1.63 | 1.86 | -0.16 | -124.57 | |
| 320.00 | 2.50 | 311.10 | 319.95 | 0.82 | 0.36 | 0.49 | 2.30 | 2.22 | -20.63 | |
| 352.00 | 2.90 | 313.30 | 351.91 | 1.84 | -0.76 | -0.45 | 1.29 | 1.25 | 6.88 | |
| 384.00 | 3.20 | 312.20 | 383.87 | 2.99 | -2.01 | -1.49 | 0.96 | 0.94 | -3.44 | |
| 416.00 | 3.40 | 318.40 | 415.81 | 4.30 | -3.30 | -2.55 | 1.28 | 0.63 | 19.38 | |
| 511.00 | 5.50 | 317.70 | 510.52 | 9.78 | -8.23 | -6.53 | 2.21 | 2.21 | -0.74 | |
| 543.00 | 6.10 | 316.70 | 542.36 | 12.15 | -10.43 | -8.32 | 1.90 | 1.88 | -3.13 | |
| 639.00 | 8.70 | 317.20 | 637.55 | 21.19 | -18.86 | -15.17 | 2.71 | 2.71 | 0.52 | |
| 734.00 | 12.20 | 317.00 | 730.96 | 33.81 | -30.59 | -24.69 | 3.68 | 3.68 | -0.21 | |
| 830.00 | 14.50 | 319.20 | 824.36 | 50.32 | -45.37 | -36.58 | 2.45 | 2.40 | 2.29 | |
| 893.00 | 13.60 | 318.00 | 885.47 | 61.80 | -55.48 | -44.69 | 1.50 | -1.43 | -1.90 | |

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|------------------|----------------------|-------------------------------------|---------------------------------|
| Company: | Extraction Oil & Gas | Local Co-ordinate Reference: | Well Kiteley 2 |
| Project: | WELD COUNTY, CO | TVD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Site: | Kiteley 21-I Pad | MD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Well: | Kiteley 2 | North Reference: | True |
| Wellbore: | Kiteley 2 | Survey Calculation Method: | Minimum Curvature |
| Design: | Kiteley 2 | Database: | EDM 5000.1 Single User Db |

| 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) | |
| 957.00 | 11.30 | 314.20 | 947.97 | 71.76 | -65.01 | -52.48 | 3.81 | -3.59 | -5.94 | |
| 1,021.00 | 11.40 | 312.60 | 1,010.71 | 80.42 | -74.16 | -60.10 | 0.52 | 0.16 | -2.50 | |
| 1,052.00 | 11.60 | 314.20 | 1,041.09 | 84.66 | -78.65 | -63.84 | 1.21 | 0.65 | 5.16 | |
| 1,116.00 | 12.60 | 314.90 | 1,103.67 | 94.08 | -88.21 | -71.74 | 1.58 | 1.56 | 1.09 | |
| 1,178.00 | 11.60 | 316.10 | 1,164.29 | 103.34 | -97.32 | -79.22 | 1.66 | -1.61 | 1.94 | |
| 1,210.00 | 11.30 | 314.70 | 1,195.65 | 107.87 | -101.78 | -82.89 | 1.28 | -0.94 | -4.38 | |
| 1,241.00 | 11.80 | 314.00 | 1,226.03 | 112.20 | -106.22 | -86.56 | 1.68 | 1.61 | -2.26 | |
| 1,271.00 | 12.30 | 313.50 | 1,255.37 | 116.53 | -110.74 | -90.32 | 1.70 | 1.67 | -1.67 | |
| 1,367.00 | 11.90 | 316.10 | 1,349.23 | 130.70 | -125.02 | -102.11 | 0.70 | -0.42 | 2.71 | |
| 1,399.00 | 12.30 | 316.80 | 1,380.52 | 135.57 | -129.64 | -105.88 | 1.33 | 1.25 | 2.19 | |
| 1,462.00 | 11.90 | 318.00 | 1,442.12 | 145.29 | -138.58 | -113.12 | 0.75 | -0.63 | 1.90 | |
| 1,494.00 | 11.30 | 312.30 | 1,473.47 | 149.85 | -143.11 | -116.85 | 4.04 | -1.88 | -17.81 | |
| 1,539.00 | 11.70 | 311.60 | 1,517.57 | 155.84 | -149.78 | -122.45 | 0.94 | 0.89 | -1.56 | |
| 1,665.00 | 11.40 | 309.82 | 1,641.02 | 172.30 | -168.90 | -138.64 | 0.37 | -0.24 | -1.41 | |
| 1,759.00 | 12.68 | 313.92 | 1,732.95 | 185.41 | -183.47 | -150.89 | 1.64 | 1.36 | 4.36 | |
| 1,854.00 | 12.42 | 310.44 | 1,825.68 | 199.27 | -198.76 | -163.72 | 0.84 | -0.27 | -3.66 | |
| 1,948.00 | 12.02 | 306.34 | 1,917.55 | 211.62 | -214.33 | -177.08 | 1.02 | -0.43 | -4.36 | |
| 2,043.00 | 14.72 | 313.12 | 2,009.97 | 225.74 | -231.12 | -191.34 | 3.28 | 2.84 | 7.14 | |
| 2,137.00 | 14.80 | 312.11 | 2,100.87 | 241.95 | -248.74 | -206.09 | 0.29 | 0.09 | -1.07 | |
| 2,232.00 | 14.32 | 310.04 | 2,192.82 | 257.65 | -266.74 | -221.30 | 0.75 | -0.51 | -2.18 | |
| 2,326.00 | 13.52 | 309.11 | 2,284.06 | 272.06 | -284.16 | -236.15 | 0.88 | -0.85 | -0.99 | |
| 2,421.00 | 14.01 | 318.15 | 2,376.34 | 287.63 | -300.45 | -249.69 | 2.32 | 0.52 | 9.52 | |
| 2,705.00 | 11.62 | 310.44 | 2,653.27 | 331.80 | -345.17 | -286.63 | 1.03 | -0.84 | -2.71 | |
| 2,800.00 | 11.71 | 321.63 | 2,746.32 | 345.56 | -358.43 | -297.48 | 2.38 | 0.09 | 11.78 | |
| 2,894.00 | 10.78 | 324.14 | 2,838.51 | 360.17 | -369.51 | -306.03 | 1.12 | -0.99 | 2.67 | |
| 2,989.00 | 9.99 | 322.33 | 2,931.96 | 373.89 | -379.75 | -313.91 | 0.90 | -0.83 | -1.91 | |
| 3,083.00 | 12.90 | 319.12 | 3,024.08 | 388.28 | -391.60 | -323.26 | 3.17 | 3.10 | -3.41 | |
| 3,178.00 | 12.11 | 317.44 | 3,116.82 | 403.64 | -405.28 | -334.26 | 0.92 | -0.83 | -1.77 | |
| 3,273.00 | 10.61 | 313.43 | 3,209.96 | 416.99 | -418.37 | -345.01 | 1.78 | -1.58 | -4.22 | |
| 3,367.00 | 11.89 | 312.55 | 3,302.15 | 429.49 | -431.79 | -356.22 | 1.37 | 1.36 | -0.94 | |
| 3,461.00 | 11.80 | 311.23 | 3,394.15 | 442.37 | -446.15 | -368.30 | 0.30 | -0.10 | -1.40 | |
| 3,556.00 | 11.09 | 309.95 | 3,487.26 | 454.64 | -460.46 | -380.42 | 0.79 | -0.75 | -1.35 | |
| 3,650.00 | 10.78 | 308.63 | 3,579.56 | 465.94 | -474.26 | -392.20 | 0.42 | -0.33 | -1.40 | |
| 3,745.00 | 12.59 | 314.31 | 3,672.59 | 478.72 | -488.61 | -404.28 | 2.26 | 1.91 | 5.98 | |
| 3,840.00 | 11.49 | 313.04 | 3,765.49 | 492.41 | -502.94 | -416.19 | 1.19 | -1.16 | -1.34 | |
| 3,934.00 | 10.12 | 310.83 | 3,857.83 | 504.20 | -516.03 | -427.19 | 1.52 | -1.46 | -2.35 | |
| 4,029.00 | 12.99 | 312.33 | 3,950.89 | 516.85 | -530.24 | -439.16 | 3.04 | 3.02 | 1.58 | |
| 4,124.00 | 13.08 | 313.04 | 4,043.44 | 531.37 | -545.99 | -452.34 | 0.19 | 0.09 | 0.75 | |
| 4,219.00 | 12.28 | 312.02 | 4,136.13 | 545.47 | -561.35 | -465.20 | 0.87 | -0.84 | -1.07 | |
| 4,314.00 | 10.69 | 311.14 | 4,229.22 | 558.03 | -575.49 | -477.11 | 1.68 | -1.67 | -0.93 | |
| 4,408.00 | 12.20 | 311.93 | 4,321.35 | 570.41 | -589.45 | -488.87 | 1.61 | 1.61 | 0.84 | |
| 4,503.00 | 11.62 | 310.35 | 4,414.30 | 583.31 | -604.21 | -501.34 | 0.70 | -0.61 | -1.66 | |
| 4,597.00 | 10.78 | 319.82 | 4,506.52 | 596.16 | -617.10 | -511.96 | 2.15 | -0.89 | 10.07 | |
| 4,692.00 | 9.72 | 306.43 | 4,600.02 | 607.71 | -629.28 | -522.11 | 2.74 | -1.12 | -14.09 | |
| 4,787.00 | 7.51 | 306.82 | 4,693.94 | 616.19 | -640.71 | -532.00 | 2.33 | -2.33 | 0.41 | |
| 4,882.00 | 6.50 | 317.44 | 4,788.23 | 623.87 | -649.31 | -539.25 | 1.72 | -1.06 | 11.18 | |
| 4,976.00 | 4.42 | 312.55 | 4,881.80 | 630.24 | -655.58 | -544.40 | 2.27 | -2.21 | -5.20 | |
| 5,070.00 | 2.30 | 298.23 | 4,975.64 | 633.59 | -659.91 | -548.13 | 2.41 | -2.26 | -15.23 | |
| 5,165.00 | 1.19 | 351.55 | 5,070.60 | 635.46 | -661.74 | -549.62 | 1.95 | -1.17 | 56.13 | |
| 5,259.00 | 0.71 | 315.64 | 5,164.58 | 636.85 | -662.29 | -549.94 | 0.79 | -0.51 | -38.20 | |
| 5,354.00 | 0.80 | 302.02 | 5,259.58 | 637.62 | -663.26 | -550.78 | 0.21 | 0.09 | -14.34 | |
| 5,448.00 | 1.28 | 159.02 | 5,353.57 | 636.99 | -663.44 | -551.06 | 2.10 | 0.51 | -152.13 | |
| 5,543.00 | 1.19 | 169.82 | 5,448.55 | 635.02 | -662.89 | -550.83 | 0.26 | -0.09 | 11.37 | |
| 5,638.00 | 0.71 | 166.25 | 5,543.53 | 633.48 | -662.57 | -550.77 | 0.51 | -0.51 | -3.76 | |

| | | | |
|------------------|----------------------|-------------------------------------|---------------------------------|
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| Project: | WELD COUNTY, CO | TVD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Site: | Kiteley 21-I Pad | MD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Well: | Kiteley 2 | North Reference: | True |
| Wellbore: | Kiteley 2 | Survey Calculation Method: | Minimum Curvature |
| Design: | Kiteley 2 | Database: | EDM 5000.1 Single User Db |

| 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) | |
| 5,732.00 | 0.49 | 177.62 | 5,637.53 | 632.51 | -662.42 | -550.77 | 0.27 | -0.23 | 12.10 | |
| 5,826.00 | 0.80 | 189.12 | 5,731.52 | 631.46 | -662.51 | -551.03 | 0.36 | 0.33 | 12.23 | |
| 5,921.00 | 1.10 | 203.62 | 5,826.51 | 629.97 | -662.98 | -551.74 | 0.40 | 0.32 | 15.26 | |
| 6,016.00 | 0.40 | 9.63 | 5,921.50 | 629.47 | -663.29 | -552.12 | 1.57 | -0.74 | 174.75 | |
| 6,110.00 | 0.31 | 0.54 | 6,015.50 | 630.04 | -663.23 | -551.97 | 0.11 | -0.10 | -9.67 | |
| 6,229.00 | 0.40 | 269.85 | 6,134.50 | 630.36 | -663.64 | -552.33 | 0.43 | 0.08 | -76.21 | |
| 6,325.00 | 0.71 | 244.03 | 6,230.50 | 630.10 | -664.51 | -553.23 | 0.41 | 0.32 | -26.90 | |
| 6,419.00 | 4.11 | 93.71 | 6,324.43 | 629.63 | -661.67 | -550.51 | 5.04 | 3.62 | -159.92 | |
| 6,514.00 | 12.02 | 81.55 | 6,418.42 | 630.86 | -648.47 | -537.28 | 8.47 | 8.33 | -12.80 | |
| 6,608.00 | 21.61 | 77.63 | 6,508.30 | 636.02 | -621.82 | -510.14 | 10.27 | 10.20 | -4.17 | |
| 6,703.00 | 29.39 | 83.62 | 6,593.99 | 642.37 | -581.49 | -469.32 | 8.62 | 8.19 | 6.31 | |
| 6,798.00 | 38.09 | 85.82 | 6,672.92 | 647.11 | -529.00 | -416.76 | 9.25 | 9.16 | 2.32 | |
| 6,892.00 | 46.09 | 87.15 | 6,742.62 | 650.91 | -466.16 | -354.14 | 8.56 | 8.51 | 1.41 | |
| 6,988.00 | 56.52 | 89.83 | 6,802.56 | 652.75 | -391.37 | -280.04 | 11.08 | 10.86 | 2.79 | |
| 7,082.00 | 65.31 | 89.83 | 6,848.21 | 653.00 | -309.31 | -199.03 | 9.35 | 9.35 | 0.00 | |
| 7,177.00 | 72.12 | 86.22 | 6,882.68 | 656.11 | -220.91 | -111.30 | 7.99 | 7.17 | -3.80 | |
| 7,271.00 | 78.88 | 88.82 | 6,906.21 | 660.01 | -130.05 | -21.02 | 7.67 | 7.19 | 2.77 | |
| 7,366.00 | 83.61 | 89.53 | 6,920.66 | 661.36 | -36.20 | 71.81 | 5.03 | 4.98 | 0.75 | |
| 7,460.00 | 88.51 | 91.24 | 6,927.12 | 660.73 | 57.55 | 164.20 | 5.52 | 5.21 | 1.82 | |
| 7,555.00 | 87.58 | 89.13 | 6,930.36 | 660.42 | 152.49 | 257.83 | 2.43 | -0.98 | -2.22 | |
| 7,649.00 | 87.72 | 88.42 | 6,934.22 | 662.43 | 246.38 | 350.80 | 0.77 | 0.15 | -0.76 | |
| 7,743.00 | 88.11 | 87.94 | 6,937.64 | 665.41 | 340.27 | 443.93 | 0.66 | 0.41 | -0.51 | |
| 7,837.00 | 88.29 | 87.32 | 6,940.59 | 669.30 | 434.15 | 537.18 | 0.69 | 0.19 | -0.66 | |
| 7,932.00 | 87.98 | 90.63 | 6,943.68 | 671.00 | 529.07 | 631.12 | 3.50 | -0.33 | 3.48 | |
| 8,027.00 | 87.98 | 90.32 | 6,947.03 | 670.21 | 624.01 | 724.67 | 0.33 | 0.00 | -0.33 | |
| 8,121.00 | 87.19 | 89.75 | 6,950.99 | 670.15 | 717.92 | 817.32 | 1.04 | -0.84 | -0.61 | |
| 8,216.00 | 87.19 | 88.82 | 6,955.65 | 671.34 | 812.80 | 911.13 | 0.98 | 0.00 | -0.98 | |
| 8,311.00 | 87.19 | 88.51 | 6,960.31 | 673.55 | 907.66 | 1,005.09 | 0.33 | 0.00 | -0.33 | |
| 8,406.00 | 87.41 | 89.53 | 6,964.78 | 675.17 | 1,002.54 | 1,098.97 | 1.10 | 0.23 | 1.07 | |
| 8,500.00 | 87.41 | 90.01 | 6,969.03 | 675.55 | 1,096.44 | 1,191.68 | 0.51 | 0.00 | 0.51 | |
| 8,595.00 | 87.89 | 88.42 | 6,972.92 | 676.85 | 1,191.35 | 1,285.54 | 1.75 | 0.51 | -1.67 | |
| 8,690.00 | 87.80 | 88.42 | 6,976.50 | 679.46 | 1,286.25 | 1,379.60 | 0.09 | -0.09 | 0.00 | |
| 8,784.00 | 88.29 | 88.34 | 6,979.70 | 682.12 | 1,380.15 | 1,472.69 | 0.53 | 0.52 | -0.09 | |
| 8,879.00 | 87.58 | 89.75 | 6,983.13 | 683.70 | 1,475.08 | 1,566.61 | 1.66 | -0.75 | 1.48 | |
| 8,973.00 | 88.20 | 88.03 | 6,986.59 | 685.52 | 1,568.99 | 1,659.57 | 1.94 | 0.66 | -1.83 | |
| 9,068.00 | 87.80 | 90.94 | 6,989.90 | 686.38 | 1,663.92 | 1,753.37 | 3.09 | -0.42 | 3.06 | |
| 9,163.00 | 85.90 | 92.52 | 6,995.12 | 683.51 | 1,758.72 | 1,846.45 | 2.60 | -2.00 | 1.66 | |
| 9,257.00 | 86.39 | 91.64 | 7,001.44 | 680.11 | 1,852.45 | 1,938.37 | 1.07 | 0.52 | -0.94 | |
| 9,352.00 | 86.92 | 91.51 | 7,006.99 | 677.50 | 1,947.25 | 2,031.49 | 0.57 | 0.56 | -0.14 | |
| 9,447.00 | 88.60 | 91.42 | 7,010.70 | 675.08 | 2,042.14 | 2,124.73 | 1.77 | 1.77 | -0.09 | |
| 9,542.00 | 85.82 | 90.54 | 7,015.32 | 673.45 | 2,137.01 | 2,218.06 | 3.07 | -2.93 | -0.93 | |
| 9,637.00 | 85.42 | 90.14 | 7,022.58 | 672.89 | 2,231.73 | 2,311.43 | 0.59 | -0.42 | -0.42 | |
| 9,731.00 | 85.42 | 89.92 | 7,030.09 | 672.84 | 2,325.43 | 2,403.88 | 0.23 | 0.00 | -0.23 | |
| 9,826.00 | 87.98 | 89.35 | 7,035.55 | 673.45 | 2,420.26 | 2,497.55 | 2.76 | 2.69 | -0.60 | |
| 9,921.00 | 88.38 | 88.25 | 7,038.57 | 675.44 | 2,515.19 | 2,591.54 | 1.23 | 0.42 | -1.16 | |
| 10,016.00 | 88.51 | 88.34 | 7,041.15 | 678.26 | 2,610.11 | 2,685.66 | 0.17 | 0.14 | 0.09 | |
| 10,111.00 | 88.20 | 88.91 | 7,043.88 | 680.54 | 2,705.04 | 2,779.70 | 0.68 | -0.33 | 0.60 | |
| 10,206.00 | 87.01 | 88.82 | 7,047.85 | 682.42 | 2,799.94 | 2,873.64 | 1.26 | -1.25 | -0.09 | |
| 10,300.00 | 85.68 | 88.82 | 7,053.84 | 684.35 | 2,893.73 | 2,966.49 | 1.41 | -1.41 | 0.00 | |
| 10,395.00 | 87.50 | 87.72 | 7,059.49 | 687.21 | 2,988.51 | 3,060.48 | 2.24 | 1.92 | -1.16 | |
| 10,489.00 | 89.31 | 89.22 | 7,062.11 | 689.72 | 3,082.43 | 3,153.56 | 2.50 | 1.93 | 1.60 | |
| 10,584.00 | 88.82 | 90.01 | 7,063.66 | 690.36 | 3,177.42 | 3,247.38 | 0.98 | -0.52 | 0.83 | |
| 10,679.00 | 87.41 | 90.23 | 7,066.78 | 690.16 | 3,272.36 | 3,341.03 | 1.50 | -1.48 | 0.23 | |
| 10,774.00 | 86.21 | 91.42 | 7,072.07 | 688.80 | 3,367.20 | 3,434.39 | 1.78 | -1.26 | 1.25 | |

| | | | |
|------------------|----------------------|-------------------------------------|---------------------------------|
| Company: | Extraction Oil & Gas | Local Co-ordinate Reference: | Well Kiteley 2 |
| Project: | WELD COUNTY, CO | TVD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Site: | Kiteley 21-I Pad | MD Reference: | New KB @ 5019.00ft (Cyclone 37) |
| Well: | Kiteley 2 | North Reference: | True |
| Wellbore: | Kiteley 2 | Survey Calculation Method: | Minimum Curvature |
| Design: | Kiteley 2 | Database: | EDM 5000.1 Single User Db |

| 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) |
| | 10,963.00 | 87.10 | 89.00 | 7,083.10 | 688.11 | 3,555.86 | 3,620.43 | 1.36 | 0.47 | -1.28 |
| | 11,057.00 | 86.39 | 89.04 | 7,088.43 | 689.71 | 3,649.70 | 3,713.27 | 0.76 | -0.76 | 0.04 |
| | 11,152.00 | 87.50 | 88.82 | 7,093.50 | 691.48 | 3,744.55 | 3,807.15 | 1.19 | 1.17 | -0.23 |
| | 11,247.00 | 87.41 | 86.84 | 7,097.72 | 695.08 | 3,839.38 | 3,901.30 | 2.08 | -0.09 | -2.08 |
| | 11,341.00 | 89.22 | 90.14 | 7,100.48 | 697.55 | 3,933.29 | 3,994.37 | 4.00 | 1.93 | 3.51 |
| | 11,436.00 | 89.48 | 89.13 | 7,101.56 | 698.16 | 4,028.28 | 4,088.19 | 1.10 | 0.27 | -1.06 |
| | Last Svy | | | | | | | | | |
| | 11,604.00 | 89.22 | 88.91 | 7,103.46 | 701.03 | 4,196.24 | 4,254.39 | 0.20 | -0.15 | -0.13 |
| | Proj Svy | | | | | | | | | |
| | 11,670.00 | 89.22 | 88.91 | 7,104.36 | 702.29 | 4,262.23 | 4,319.70 | 0.00 | 0.00 | 0.00 |

| Design Targets | | | | | | | | | |
|-----------------------------|---------------|--------------|----------|------------|------------|-----------------|----------------|-----------------------------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (usft) | Easting (usft) | Latitude Longitude | |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Kiteley 2 Hard Line Inter | 0.00 | 0.00 | 6,916.08 | 660.98 | -72.00 | 1,319,689.73 | 3,135,268.21 | 40° 12' 35.753 N 105° 0' 56.415 W | |
| - survey hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Survey Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|----------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | | |
| | | +N/-S (ft) | +E/-W (ft) | Comment | |
| 11,604.00 | 7,103.46 | 701.03 | 4,196.24 | Last Svy | |
| 11,670.00 | 7,104.36 | 702.29 | 4,262.23 | Proj Svy | |

Checked By: _____ Approved By: _____ Date: _____