



EOG Resources

Weld Co., CO

Sec 35-T11N-R64W

Lion Creek #09-35H

Hz

Survey: Survey #1

Standard Survey Report

18 February, 2011





WELL DETAILS: Lion Creek #09-35H

| Ground Level: 5338.0 | | | | | | Slot |
|----------------------|-------|-----------|------------|------------------|-------------------|------|
| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | |
| 0.0 | 0.0 | 562160.22 | 2275053.48 | 40° 52' 20.270 N | 104° 30' 19.760 W | |

SECTION DETAILS

No plan data is available

FORMATION TOP DETAILS

No formation data is available

ANNOTATIONS

| TVD | MD | Annotation |
|--------|---------|-------------------|
| 7547.9 | 11629.0 | Projection to Bit |

CASING DETAILS

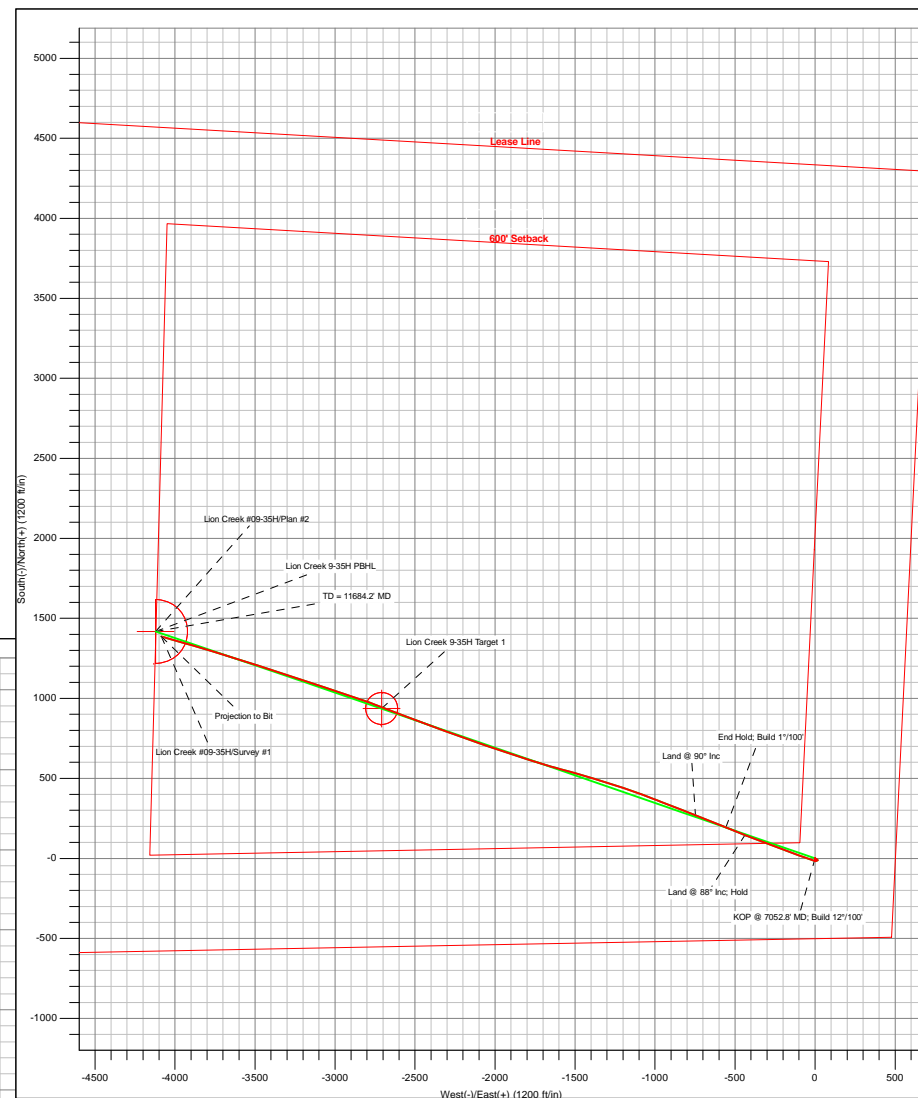
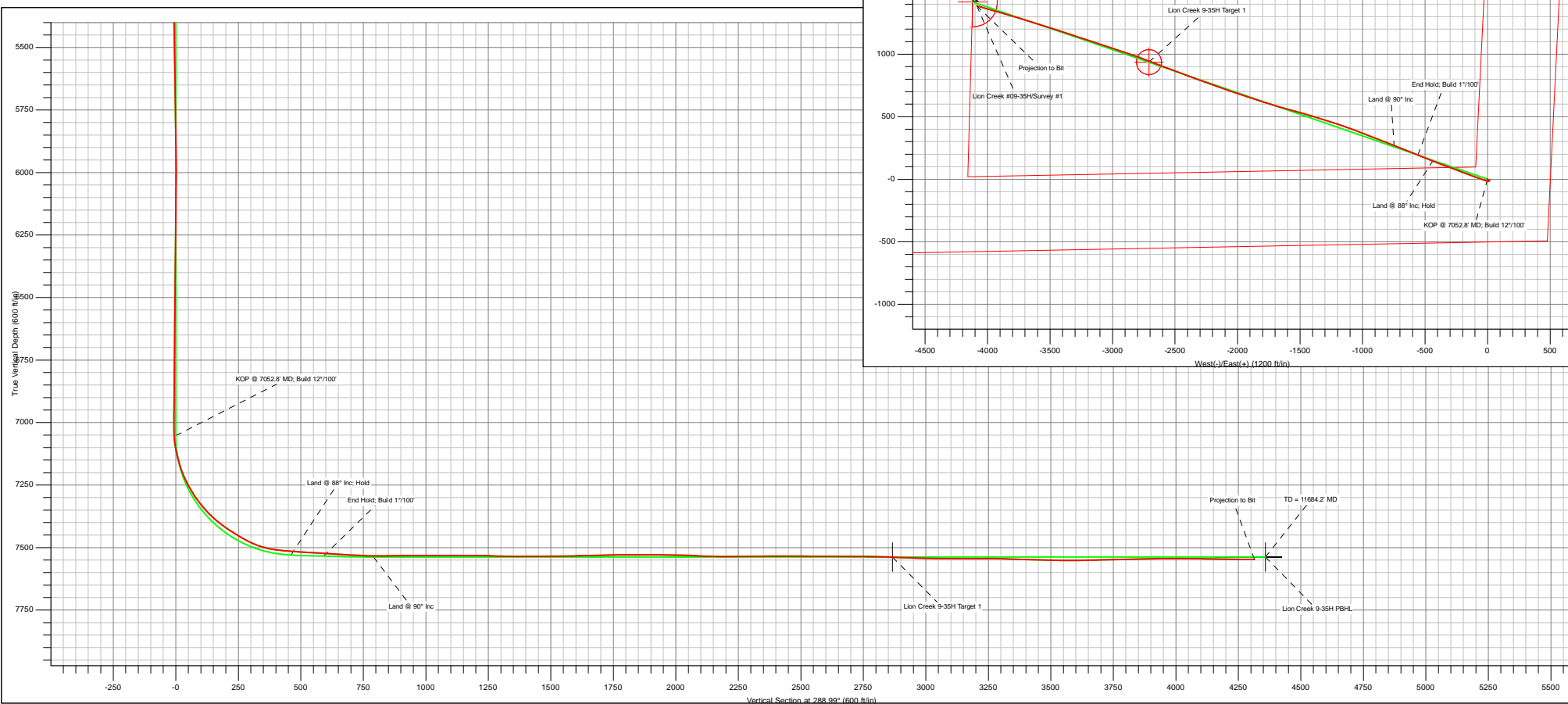
No casing data is available

WELLBORE TARGET DETAILS (LAT/LONG)

| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | Shape | No wellbore target data is available. |
|------|-----|-------|-------|----------|-----------|-------|---------------------------------------|
|------|-----|-------|-------|----------|-----------|-------|---------------------------------------|



Azimuths to True North
Magnetic North: 8.81°
Magnetic Field
Strength: 53435.2nT
Dip Angle: 67.45°
Date: 10/02/2011
Model: IGRF2010-14



| | | | |
|------------------|--------------------|-------------------------------------|---|
| Company: | EOG Resources | Local Co-ordinate Reference: | Well Lion Creek #09-35H |
| Project: | Weld Co., CO | TVD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Site: | Sec 35-T11N-R64W | MD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Well: | Lion Creek #09-35H | North Reference: | True |
| Wellbore: | Hz | Survey Calculation Method: | Minimum Curvature |
| Design: | Hz | Database: | Local |

| | | | |
|--------------------|--------------------------------------|----------------------|----------------|
| Project | Weld Co., CO | | |
| Map System: | US State Plane 1927 (Exact solution) | System Datum: | Mean Sea Level |
| Geo Datum: | NAD 1927 (NADCON CONUS) | | |
| Map Zone: | Colorado North 501 | | |

| | | | |
|------------------------------|------------------|--------------------------|------|
| Site | Sec 35-T11N-R64W | | |
| Site Position: | | Northing: | |
| From: | Lat/Long | Easting: | |
| Position Uncertainty: | 0.0 ft | Slot Radius: | |
| | | Latitude: | |
| | | Longitude: | |
| | | Grid Convergence: | 1.00 |

| | | | |
|-----------------------------|--------------------|----------------------------|---------------------------------|
| Well | Lion Creek #09-35H | | |
| Well Position | +N/-S | 0.0 ft | Northing: 562,160.23 ft |
| | +E/-W | 0.0 ft | Easting: 2,275,053.48 ft |
| Position Uncertainty | 0.0 ft | Wellhead Elevation: | ft |
| | | Latitude: | 40° 52' 20.270 N |
| | | Longitude: | 104° 30' 19.760 W |
| | | Ground Level: | 5,338.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Hz | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010-14 | 02/02/11 | 8.81 | 67.49 | 53,438 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-----|
| Design | Hz | | | | |
| Audit Notes: | | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) | |
| | 0.0 | 0.0 | 0.0 | 288.99 | |

| | | | | | |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 02/18/11 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 1,578.0 | 11,629.0 | Survey #1 (Hz) | MWD | | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|--------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|----------------------------|
| Survey | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | Subsea Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.0 | 0.00 | 0.00 | 0.0 | -5,359.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,578.0 | 0.00 | 0.00 | 1,578.0 | -3,781.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 1,606.0 | 0.10 | 189.00 | 1,606.0 | -3,753.0 | 0.0 | 0.0 | 0.0 | 0.36 | 0.36 | 0.00 |
| 1,913.0 | 0.40 | 163.30 | 1,913.0 | -3,446.0 | -1.3 | 0.3 | -0.7 | 0.10 | 0.10 | -8.37 |
| 2,196.0 | 0.70 | 153.50 | 2,196.0 | -3,163.0 | -3.8 | 1.3 | -2.5 | 0.11 | 0.11 | -3.46 |
| 2,482.0 | 0.50 | 128.90 | 2,482.0 | -2,877.0 | -6.2 | 3.1 | -4.9 | 0.11 | -0.07 | -8.60 |
| 2,766.0 | 0.80 | 132.70 | 2,765.9 | -2,593.1 | -8.3 | 5.5 | -7.9 | 0.11 | 0.11 | 1.34 |
| 3,051.0 | 0.50 | 130.10 | 3,050.9 | -2,308.1 | -10.4 | 7.9 | -10.9 | 0.11 | -0.11 | -0.91 |
| 3,336.0 | 1.00 | 110.10 | 3,335.9 | -2,023.1 | -12.1 | 11.2 | -14.5 | 0.20 | 0.18 | -7.02 |
| 3,621.0 | 0.40 | 92.30 | 3,620.9 | -1,738.1 | -13.0 | 14.5 | -18.0 | 0.22 | -0.21 | -6.25 |

| | | | |
|------------------|--------------------|-------------------------------------|---|
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| Project: | Weld Co., CO | TVD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Site: | Sec 35-T11N-R64W | MD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Well: | Lion Creek #09-35H | North Reference: | True |
| Wellbore: | Hz | Survey Calculation Method: | Minimum Curvature |
| Design: | Hz | Database: | Local |

| Survey | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|-------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | Subsea Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 3,905.0 | 0.40 | 58.00 | 3,904.9 | -1,454.1 | -12.5 | 16.4 | -19.5 | 0.08 | 0.00 | -12.08 |
| 4,189.0 | 0.80 | 300.00 | 4,188.9 | -1,170.1 | -11.0 | 15.5 | -18.2 | 0.37 | 0.14 | -41.55 |
| 4,474.0 | 0.80 | 332.00 | 4,473.8 | -885.2 | -8.2 | 12.8 | -14.8 | 0.15 | 0.00 | 11.23 |
| 4,760.0 | 0.50 | 302.60 | 4,759.8 | -599.2 | -5.8 | 10.8 | -12.1 | 0.15 | -0.10 | -10.28 |
| 5,043.0 | 0.50 | 315.80 | 5,042.8 | -316.2 | -4.2 | 8.9 | -9.8 | 0.04 | 0.00 | 4.66 |
| 5,328.0 | 0.40 | 290.80 | 5,327.8 | -31.2 | -3.0 | 7.1 | -7.7 | 0.08 | -0.04 | -8.77 |
| 5,614.0 | 1.30 | 286.60 | 5,613.8 | 254.8 | -1.7 | 3.1 | -3.5 | 0.32 | 0.31 | -1.47 |
| 5,899.0 | 0.50 | 322.10 | 5,898.7 | 539.7 | 0.2 | -0.8 | 0.8 | 0.33 | -0.28 | 12.46 |
| 6,186.0 | 1.60 | 169.40 | 6,185.7 | 826.7 | -2.8 | -0.8 | -0.1 | 0.72 | 0.38 | -53.21 |
| 6,471.0 | 1.40 | 186.60 | 6,470.6 | 1,111.6 | -10.1 | -0.5 | -2.8 | 0.17 | -0.07 | 6.04 |
| 6,757.0 | 0.80 | 148.90 | 6,756.6 | 1,397.6 | -15.3 | 0.2 | -5.1 | 0.32 | -0.21 | -13.18 |
| 6,948.0 | 0.70 | 123.90 | 6,947.5 | 1,588.5 | -17.1 | 1.8 | -7.3 | 0.18 | -0.05 | -13.09 |
| 6,970.0 | 0.50 | 118.10 | 6,969.5 | 1,610.5 | -17.2 | 2.0 | -7.5 | 0.95 | -0.91 | -26.36 |
| 7,009.0 | 0.10 | 139.20 | 7,008.5 | 1,649.5 | -17.3 | 2.2 | -7.7 | 1.05 | -1.03 | 54.10 |
| 7,040.0 | 1.90 | 287.10 | 7,039.5 | 1,680.5 | -17.2 | 1.7 | -7.2 | 6.40 | 5.81 | 477.10 |
| 7,072.0 | 5.70 | 286.60 | 7,071.5 | 1,712.5 | -16.6 | -0.3 | -5.1 | 11.88 | 11.88 | -1.56 |
| 7,103.0 | 9.80 | 285.80 | 7,102.2 | 1,743.2 | -15.4 | -4.3 | -0.9 | 13.23 | 13.23 | -2.58 |
| 7,135.0 | 14.10 | 286.60 | 7,133.5 | 1,774.5 | -13.6 | -10.7 | 5.7 | 13.45 | 13.44 | 2.50 |
| 7,167.0 | 16.70 | 286.10 | 7,164.3 | 1,805.3 | -11.2 | -18.9 | 14.2 | 8.14 | 8.13 | -1.56 |
| 7,198.0 | 20.10 | 288.30 | 7,193.7 | 1,834.7 | -8.3 | -28.2 | 24.0 | 11.19 | 10.97 | 7.10 |
| 7,230.0 | 24.00 | 289.10 | 7,223.4 | 1,864.4 | -4.4 | -39.6 | 36.0 | 12.22 | 12.19 | 2.50 |
| 7,261.0 | 28.20 | 290.10 | 7,251.2 | 1,892.2 | 0.2 | -52.4 | 49.6 | 13.62 | 13.55 | 3.23 |
| 7,293.0 | 32.30 | 290.00 | 7,278.8 | 1,919.8 | 5.7 | -67.5 | 65.7 | 12.81 | 12.81 | -0.31 |
| 7,325.0 | 35.50 | 291.60 | 7,305.4 | 1,946.4 | 12.0 | -84.2 | 83.6 | 10.38 | 10.00 | 5.00 |
| 7,356.0 | 38.50 | 292.80 | 7,330.2 | 1,971.2 | 19.1 | -101.5 | 102.2 | 9.95 | 9.68 | 3.87 |
| 7,388.0 | 42.70 | 291.20 | 7,354.5 | 1,995.5 | 26.9 | -120.8 | 123.0 | 13.52 | 13.13 | -5.00 |
| 7,419.0 | 47.30 | 291.40 | 7,376.4 | 2,017.4 | 34.8 | -141.2 | 144.9 | 14.85 | 14.84 | 0.65 |
| 7,451.0 | 51.20 | 290.90 | 7,397.3 | 2,038.3 | 43.6 | -163.8 | 169.1 | 12.24 | 12.19 | -1.56 |
| 7,483.0 | 54.50 | 290.30 | 7,416.6 | 2,057.6 | 52.6 | -187.7 | 194.6 | 10.42 | 10.31 | -1.88 |
| 7,515.0 | 57.00 | 290.10 | 7,434.6 | 2,075.6 | 61.7 | -212.5 | 221.0 | 7.83 | 7.81 | -0.63 |
| 7,546.0 | 58.70 | 289.90 | 7,451.1 | 2,092.1 | 70.7 | -237.2 | 247.3 | 5.51 | 5.48 | -0.65 |
| 7,578.0 | 60.80 | 289.50 | 7,467.2 | 2,108.2 | 80.0 | -263.2 | 274.9 | 6.65 | 6.56 | -1.25 |
| 7,610.0 | 65.60 | 289.80 | 7,481.6 | 2,122.6 | 89.6 | -290.1 | 303.5 | 15.02 | 15.00 | 0.94 |
| 7,642.0 | 70.90 | 289.50 | 7,493.5 | 2,134.5 | 99.6 | -318.1 | 333.2 | 16.59 | 16.56 | -0.94 |
| 7,674.0 | 76.20 | 289.90 | 7,502.5 | 2,143.5 | 109.9 | -347.0 | 363.8 | 16.61 | 16.56 | 1.25 |
| 7,694.0 | 80.50 | 290.20 | 7,506.6 | 2,147.6 | 116.6 | -365.4 | 383.4 | 21.55 | 21.50 | 1.50 |
| 7,764.0 | 86.50 | 292.50 | 7,514.5 | 2,155.5 | 141.9 | -430.1 | 452.9 | 9.17 | 8.57 | 3.29 |
| 7,796.0 | 86.50 | 292.40 | 7,516.4 | 2,157.4 | 154.1 | -459.6 | 484.8 | 0.31 | 0.00 | -0.31 |
| 7,827.0 | 86.30 | 292.30 | 7,518.4 | 2,159.4 | 165.9 | -488.2 | 515.6 | 0.72 | -0.65 | -0.32 |
| 7,859.0 | 86.30 | 292.20 | 7,520.5 | 2,161.5 | 178.0 | -517.8 | 547.5 | 0.31 | 0.00 | -0.31 |
| 7,891.0 | 85.80 | 291.60 | 7,522.7 | 2,163.7 | 189.9 | -547.4 | 579.4 | 2.44 | -1.56 | -1.88 |
| 7,923.0 | 86.80 | 291.40 | 7,524.7 | 2,165.7 | 201.6 | -577.1 | 611.3 | 3.19 | 3.13 | -0.63 |
| 7,955.0 | 86.80 | 291.80 | 7,526.5 | 2,167.5 | 213.4 | -606.8 | 643.2 | 1.25 | 0.00 | 1.25 |

| | | | |
|------------------|--------------------|-------------------------------------|---|
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| Project: | Weld Co., CO | TVD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Site: | Sec 35-T11N-R64W | MD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Well: | Lion Creek #09-35H | North Reference: | True |
| Wellbore: | Hz | Survey Calculation Method: | Minimum Curvature |
| Design: | Hz | Database: | Local |

| Survey | | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|-------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | Subsea Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 7,987.0 | 86.50 | 291.70 | 7,528.4 | 2,169.4 | 225.2 | -636.5 | 675.1 | 0.99 | -0.94 | -0.31 | |
| 8,018.0 | 87.00 | 291.80 | 7,530.1 | 2,171.1 | 236.7 | -665.2 | 706.1 | 1.64 | 1.61 | 0.32 | |
| 8,050.0 | 87.10 | 292.30 | 7,531.8 | 2,172.8 | 248.7 | -694.9 | 738.0 | 1.59 | 0.31 | 1.56 | |
| 8,081.0 | 88.40 | 291.80 | 7,533.0 | 2,174.0 | 260.3 | -723.6 | 768.9 | 4.49 | 4.19 | -1.61 | |
| 8,113.0 | 90.00 | 291.20 | 7,533.5 | 2,174.5 | 272.0 | -753.3 | 800.9 | 5.34 | 5.00 | -1.88 | |
| 8,144.0 | 90.30 | 291.50 | 7,533.4 | 2,174.4 | 283.3 | -782.2 | 831.8 | 1.37 | 0.97 | 0.97 | |
| 8,176.0 | 90.40 | 291.30 | 7,533.2 | 2,174.2 | 295.0 | -812.0 | 863.8 | 0.70 | 0.31 | -0.63 | |
| 8,207.0 | 90.60 | 291.20 | 7,532.9 | 2,173.9 | 306.2 | -840.9 | 894.8 | 0.72 | 0.65 | -0.32 | |
| 8,239.0 | 90.60 | 291.00 | 7,532.6 | 2,173.6 | 317.7 | -870.8 | 926.8 | 0.62 | 0.00 | -0.63 | |
| 8,271.0 | 90.60 | 291.10 | 7,532.2 | 2,173.2 | 329.2 | -900.6 | 958.7 | 0.31 | 0.00 | 0.31 | |
| 8,302.0 | 90.60 | 291.60 | 7,531.9 | 2,172.9 | 340.5 | -929.5 | 989.7 | 1.61 | 0.00 | 1.61 | |
| 8,334.0 | 89.80 | 291.30 | 7,531.8 | 2,172.8 | 352.2 | -959.3 | 1,021.7 | 2.67 | -2.50 | -0.94 | |
| 8,366.0 | 89.90 | 290.90 | 7,531.9 | 2,172.9 | 363.7 | -989.1 | 1,053.7 | 1.29 | 0.31 | -1.25 | |
| 8,397.0 | 89.90 | 290.80 | 7,531.9 | 2,172.9 | 374.8 | -1,018.1 | 1,084.6 | 0.32 | 0.00 | -0.32 | |
| 8,429.0 | 89.80 | 291.10 | 7,532.0 | 2,173.0 | 386.2 | -1,048.0 | 1,116.6 | 0.99 | -0.31 | 0.94 | |
| 8,461.0 | 89.90 | 291.20 | 7,532.1 | 2,173.1 | 397.8 | -1,077.8 | 1,148.6 | 0.44 | 0.31 | 0.31 | |
| 8,492.0 | 89.80 | 289.60 | 7,532.2 | 2,173.2 | 408.6 | -1,106.9 | 1,179.6 | 5.17 | -0.32 | -5.16 | |
| 8,524.0 | 89.50 | 288.90 | 7,532.4 | 2,173.4 | 419.1 | -1,137.1 | 1,211.6 | 2.38 | -0.94 | -2.19 | |
| 8,556.0 | 88.70 | 288.90 | 7,532.9 | 2,173.9 | 429.5 | -1,167.4 | 1,243.6 | 2.50 | -2.50 | 0.00 | |
| 8,587.0 | 88.00 | 288.20 | 7,533.8 | 2,174.8 | 439.3 | -1,196.7 | 1,274.6 | 3.19 | -2.26 | -2.26 | |
| 8,619.0 | 88.10 | 287.40 | 7,534.9 | 2,175.9 | 449.1 | -1,227.2 | 1,306.5 | 2.52 | 0.31 | -2.50 | |
| 8,650.0 | 89.20 | 287.40 | 7,535.6 | 2,176.6 | 458.4 | -1,256.8 | 1,337.5 | 3.55 | 3.55 | 0.00 | |
| 8,682.0 | 90.10 | 287.80 | 7,535.8 | 2,176.8 | 468.1 | -1,287.3 | 1,369.5 | 3.08 | 2.81 | 1.25 | |
| 8,713.0 | 90.40 | 287.80 | 7,535.7 | 2,176.7 | 477.5 | -1,316.8 | 1,400.5 | 0.97 | 0.97 | 0.00 | |
| 8,745.0 | 90.50 | 287.60 | 7,535.4 | 2,176.4 | 487.3 | -1,347.3 | 1,432.5 | 0.70 | 0.31 | -0.63 | |
| 8,777.0 | 90.50 | 287.20 | 7,535.1 | 2,176.1 | 496.8 | -1,377.8 | 1,464.5 | 1.25 | 0.00 | -1.25 | |
| 8,808.0 | 90.30 | 286.60 | 7,534.9 | 2,175.9 | 505.8 | -1,407.5 | 1,495.5 | 2.04 | -0.65 | -1.94 | |
| 8,839.0 | 90.30 | 286.10 | 7,534.7 | 2,175.7 | 514.6 | -1,437.2 | 1,526.4 | 1.61 | 0.00 | -1.61 | |
| 8,871.0 | 91.30 | 286.10 | 7,534.3 | 2,175.3 | 523.4 | -1,467.9 | 1,558.4 | 3.13 | 3.13 | 0.00 | |
| 8,902.0 | 91.20 | 285.50 | 7,533.6 | 2,174.6 | 531.9 | -1,497.8 | 1,589.3 | 1.96 | -0.32 | -1.94 | |
| 8,934.0 | 91.50 | 285.60 | 7,532.9 | 2,173.9 | 540.5 | -1,528.6 | 1,621.3 | 0.99 | 0.94 | 0.31 | |
| 8,965.0 | 91.40 | 285.20 | 7,532.1 | 2,173.1 | 548.7 | -1,558.5 | 1,652.2 | 1.33 | -0.32 | -1.29 | |
| 8,997.0 | 91.60 | 285.10 | 7,531.2 | 2,172.2 | 557.1 | -1,589.3 | 1,684.1 | 0.70 | 0.63 | -0.31 | |
| 9,029.0 | 91.00 | 286.10 | 7,530.5 | 2,171.5 | 565.7 | -1,620.1 | 1,716.0 | 3.64 | -1.88 | 3.13 | |
| 9,061.0 | 91.00 | 286.50 | 7,530.0 | 2,171.0 | 574.6 | -1,650.9 | 1,748.0 | 1.25 | 0.00 | 1.25 | |
| 9,092.0 | 90.90 | 286.10 | 7,529.4 | 2,170.4 | 583.3 | -1,680.6 | 1,779.0 | 1.33 | -0.32 | -1.29 | |
| 9,123.0 | 90.30 | 287.10 | 7,529.1 | 2,170.1 | 592.2 | -1,710.3 | 1,809.9 | 3.76 | -1.94 | 3.23 | |
| 9,154.0 | 89.80 | 286.50 | 7,529.1 | 2,170.1 | 601.1 | -1,740.0 | 1,840.9 | 2.52 | -1.61 | -1.94 | |
| 9,186.0 | 89.60 | 286.90 | 7,529.3 | 2,170.3 | 610.3 | -1,770.6 | 1,872.9 | 1.40 | -0.63 | 1.25 | |
| 9,218.0 | 90.00 | 286.80 | 7,529.4 | 2,170.4 | 619.6 | -1,801.3 | 1,904.9 | 1.29 | 1.25 | -0.31 | |
| 9,250.0 | 89.70 | 288.60 | 7,529.5 | 2,170.5 | 629.3 | -1,831.7 | 1,936.8 | 5.70 | -0.94 | 5.63 | |
| 9,282.0 | 89.70 | 288.40 | 7,529.6 | 2,170.6 | 639.5 | -1,862.1 | 1,968.8 | 0.62 | 0.00 | -0.63 | |

| | | | |
|------------------|--------------------|-------------------------------------|---|
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| Site: | Sec 35-T11N-R64W | MD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Well: | Lion Creek #09-35H | North Reference: | True |
| Wellbore: | Hz | Survey Calculation Method: | Minimum Curvature |
| Design: | Hz | Database: | Local |

| Survey | | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|-------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | Subsea Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 9,314.0 | 88.40 | 288.70 | 7,530.2 | 2,171.2 | 649.7 | -1,892.4 | 2,000.8 | 4.17 | -4.06 | 0.94 | |
| 9,346.0 | 88.00 | 289.00 | 7,531.2 | 2,172.2 | 660.0 | -1,922.7 | 2,032.8 | 1.56 | -1.25 | 0.94 | |
| 9,377.0 | 88.00 | 288.80 | 7,532.2 | 2,173.2 | 670.1 | -1,952.0 | 2,063.8 | 0.64 | 0.00 | -0.65 | |
| 9,408.0 | 87.80 | 288.60 | 7,533.4 | 2,174.4 | 680.0 | -1,981.4 | 2,094.8 | 0.91 | -0.65 | -0.65 | |
| 9,440.0 | 87.90 | 288.10 | 7,534.6 | 2,175.6 | 690.1 | -2,011.7 | 2,126.8 | 1.59 | 0.31 | -1.56 | |
| 9,472.0 | 88.40 | 287.80 | 7,535.6 | 2,176.6 | 699.9 | -2,042.1 | 2,158.7 | 1.82 | 1.56 | -0.94 | |
| 9,503.0 | 89.20 | 288.70 | 7,536.3 | 2,177.3 | 709.6 | -2,071.6 | 2,189.7 | 3.88 | 2.58 | 2.90 | |
| 9,535.0 | 90.40 | 289.00 | 7,536.4 | 2,177.4 | 720.0 | -2,101.8 | 2,221.7 | 3.87 | 3.75 | 0.94 | |
| 9,567.0 | 90.60 | 289.70 | 7,536.1 | 2,177.1 | 730.6 | -2,132.0 | 2,253.7 | 2.27 | 0.63 | 2.19 | |
| 9,599.0 | 90.90 | 289.20 | 7,535.7 | 2,176.7 | 741.2 | -2,162.2 | 2,285.7 | 1.82 | 0.94 | -1.56 | |
| 9,631.0 | 91.30 | 289.40 | 7,535.1 | 2,176.1 | 751.8 | -2,192.4 | 2,317.7 | 1.40 | 1.25 | 0.63 | |
| 9,662.0 | 90.30 | 290.90 | 7,534.6 | 2,175.6 | 762.5 | -2,221.5 | 2,348.7 | 5.81 | -3.23 | 4.84 | |
| 9,693.0 | 90.00 | 290.90 | 7,534.6 | 2,175.6 | 773.5 | -2,250.5 | 2,379.7 | 0.97 | -0.97 | 0.00 | |
| 9,725.0 | 90.00 | 290.40 | 7,534.6 | 2,175.6 | 784.8 | -2,280.4 | 2,411.7 | 1.56 | 0.00 | -1.56 | |
| 9,757.0 | 89.80 | 290.70 | 7,534.6 | 2,175.6 | 796.0 | -2,310.4 | 2,443.7 | 1.13 | -0.63 | 0.94 | |
| 9,788.0 | 90.00 | 290.10 | 7,534.7 | 2,175.7 | 806.8 | -2,339.4 | 2,474.7 | 2.04 | 0.65 | -1.94 | |
| 9,819.0 | 89.80 | 290.40 | 7,534.7 | 2,175.7 | 817.6 | -2,368.5 | 2,505.6 | 1.16 | -0.65 | 0.97 | |
| 9,851.0 | 89.70 | 290.40 | 7,534.9 | 2,175.9 | 828.7 | -2,398.5 | 2,537.6 | 0.31 | -0.31 | 0.00 | |
| 9,883.0 | 89.40 | 290.30 | 7,535.1 | 2,176.1 | 839.9 | -2,428.5 | 2,569.6 | 0.99 | -0.94 | -0.31 | |
| 9,914.0 | 89.40 | 290.00 | 7,535.4 | 2,176.4 | 850.5 | -2,457.6 | 2,600.6 | 0.97 | 0.00 | -0.97 | |
| 9,946.0 | 89.80 | 289.80 | 7,535.7 | 2,176.7 | 861.4 | -2,487.7 | 2,632.6 | 1.40 | 1.25 | -0.63 | |
| 9,978.0 | 89.80 | 289.40 | 7,535.8 | 2,176.8 | 872.2 | -2,517.8 | 2,664.6 | 1.25 | 0.00 | -1.25 | |
| 10,010.0 | 90.30 | 289.70 | 7,535.7 | 2,176.7 | 882.9 | -2,548.0 | 2,696.6 | 1.82 | 1.56 | 0.94 | |
| 10,041.0 | 90.30 | 289.88 | 7,535.6 | 2,176.6 | 893.4 | -2,577.2 | 2,727.6 | 0.58 | 0.00 | 0.58 | |
| 10,073.0 | 89.10 | 290.50 | 7,535.7 | 2,176.7 | 904.4 | -2,607.2 | 2,759.6 | 4.22 | -3.75 | 1.94 | |
| 10,105.0 | 88.40 | 291.40 | 7,536.4 | 2,177.4 | 915.8 | -2,637.1 | 2,791.6 | 3.56 | -2.19 | 2.81 | |
| 10,137.0 | 88.30 | 291.90 | 7,537.4 | 2,178.4 | 927.6 | -2,666.8 | 2,823.5 | 1.59 | -0.31 | 1.56 | |
| 10,168.0 | 88.20 | 291.60 | 7,538.3 | 2,179.3 | 939.1 | -2,695.6 | 2,854.5 | 1.02 | -0.32 | -0.97 | |
| 10,200.0 | 87.90 | 291.70 | 7,539.4 | 2,180.4 | 950.9 | -2,725.3 | 2,886.4 | 0.99 | -0.94 | 0.31 | |
| 10,231.0 | 87.50 | 291.30 | 7,540.6 | 2,181.6 | 962.3 | -2,754.1 | 2,917.4 | 1.82 | -1.29 | -1.29 | |
| 10,263.0 | 88.50 | 290.30 | 7,541.8 | 2,182.8 | 973.6 | -2,784.0 | 2,949.3 | 4.42 | 3.13 | -3.13 | |
| 10,295.0 | 89.00 | 289.90 | 7,542.5 | 2,183.5 | 984.6 | -2,814.1 | 2,981.3 | 2.00 | 1.56 | -1.25 | |
| 10,327.0 | 88.70 | 288.70 | 7,543.1 | 2,184.1 | 995.2 | -2,844.3 | 3,013.3 | 3.86 | -0.94 | -3.75 | |
| 10,358.0 | 88.50 | 288.30 | 7,543.9 | 2,184.9 | 1,005.0 | -2,873.6 | 3,044.3 | 1.44 | -0.65 | -1.29 | |
| 10,390.0 | 89.30 | 288.30 | 7,544.5 | 2,185.5 | 1,015.1 | -2,904.0 | 3,076.3 | 2.50 | 2.50 | 0.00 | |
| 10,422.0 | 89.70 | 288.30 | 7,544.7 | 2,185.7 | 1,025.1 | -2,934.4 | 3,108.3 | 1.25 | 1.25 | 0.00 | |
| 10,453.0 | 90.00 | 288.20 | 7,544.8 | 2,185.8 | 1,034.8 | -2,963.8 | 3,139.3 | 1.02 | 0.97 | -0.32 | |
| 10,485.0 | 90.50 | 288.30 | 7,544.7 | 2,185.7 | 1,044.9 | -2,994.2 | 3,171.3 | 1.59 | 1.56 | 0.31 | |
| 10,517.0 | 90.60 | 288.10 | 7,544.4 | 2,185.4 | 1,054.9 | -3,024.6 | 3,203.3 | 0.70 | 0.31 | -0.63 | |
| 10,549.0 | 89.80 | 288.40 | 7,544.3 | 2,185.3 | 1,064.9 | -3,055.0 | 3,235.3 | 2.67 | -2.50 | 0.94 | |
| 10,581.0 | 89.80 | 288.30 | 7,544.4 | 2,185.4 | 1,074.9 | -3,085.4 | 3,267.3 | 0.31 | 0.00 | -0.31 | |
| 10,613.0 | 88.40 | 288.30 | 7,544.9 | 2,185.9 | 1,085.0 | -3,115.8 | 3,299.3 | 4.38 | -4.38 | 0.00 | |
| 10,645.0 | 87.90 | 288.80 | 7,545.9 | 2,186.9 | 1,095.2 | -3,146.1 | 3,331.2 | 2.21 | -1.56 | 1.56 | |

| | | | |
|------------------|--------------------|-------------------------------------|---|
| Company: | EOG Resources | Local Co-ordinate Reference: | Well Lion Creek #09-35H |
| Project: | Weld Co., CO | TVD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Site: | Sec 35-T11N-R64W | MD Reference: | Lion Creek 9-35H KBE @ 5359.0ft (SST #56) |
| Well: | Lion Creek #09-35H | North Reference: | True |
| Wellbore: | Hz | Survey Calculation Method: | Minimum Curvature |
| Design: | Hz | Database: | Local |

| Survey | | | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|-------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | Subsea Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 10,676.0 | 87.80 | 288.70 | 7,547.1 | 2,188.1 | 1,105.1 | -3,175.4 | 3,362.2 | 0.46 | -0.32 | -0.32 | |
| 10,708.0 | 88.90 | 288.30 | 7,548.0 | 2,189.0 | 1,115.3 | -3,205.8 | 3,394.2 | 3.66 | 3.44 | -1.25 | |
| 10,739.0 | 88.90 | 288.10 | 7,548.6 | 2,189.6 | 1,125.0 | -3,235.2 | 3,425.2 | 0.65 | 0.00 | -0.65 | |
| 10,771.0 | 88.80 | 288.40 | 7,549.2 | 2,190.2 | 1,135.0 | -3,265.6 | 3,457.2 | 0.99 | -0.31 | 0.94 | |
| 10,802.0 | 88.70 | 288.30 | 7,549.9 | 2,190.9 | 1,144.7 | -3,295.0 | 3,488.2 | 0.46 | -0.32 | -0.32 | |
| 10,834.0 | 88.50 | 287.70 | 7,550.7 | 2,191.7 | 1,154.6 | -3,325.4 | 3,520.2 | 1.98 | -0.63 | -1.88 | |
| 10,866.0 | 88.80 | 287.80 | 7,551.5 | 2,192.5 | 1,164.4 | -3,355.9 | 3,552.1 | 0.99 | 0.94 | 0.31 | |
| 10,898.0 | 90.40 | 287.80 | 7,551.7 | 2,192.7 | 1,174.2 | -3,386.4 | 3,584.1 | 5.00 | 5.00 | 0.00 | |
| 10,929.0 | 91.00 | 288.10 | 7,551.3 | 2,192.3 | 1,183.7 | -3,415.9 | 3,615.1 | 2.16 | 1.94 | 0.97 | |
| 10,961.0 | 91.40 | 287.90 | 7,550.6 | 2,191.6 | 1,193.6 | -3,446.3 | 3,647.1 | 1.40 | 1.25 | -0.63 | |
| 10,993.0 | 91.30 | 288.00 | 7,549.9 | 2,190.9 | 1,203.5 | -3,476.7 | 3,679.1 | 0.44 | -0.31 | 0.31 | |
| 11,024.0 | 91.50 | 287.70 | 7,549.1 | 2,190.1 | 1,213.0 | -3,506.2 | 3,710.1 | 1.16 | 0.65 | -0.97 | |
| 11,056.0 | 91.60 | 287.20 | 7,548.3 | 2,189.3 | 1,222.5 | -3,536.7 | 3,742.1 | 1.59 | 0.31 | -1.56 | |
| 11,088.0 | 91.00 | 288.00 | 7,547.5 | 2,188.5 | 1,232.2 | -3,567.2 | 3,774.0 | 3.12 | -1.88 | 2.50 | |
| 11,119.0 | 90.90 | 288.10 | 7,547.0 | 2,188.0 | 1,241.8 | -3,596.7 | 3,805.0 | 0.46 | -0.32 | 0.32 | |
| 11,151.0 | 90.90 | 287.60 | 7,546.5 | 2,187.5 | 1,251.6 | -3,627.2 | 3,837.0 | 1.56 | 0.00 | -1.56 | |
| 11,183.0 | 91.10 | 287.40 | 7,545.9 | 2,186.9 | 1,261.3 | -3,657.7 | 3,869.0 | 0.88 | 0.63 | -0.63 | |
| 11,215.0 | 91.00 | 286.60 | 7,545.4 | 2,186.4 | 1,270.6 | -3,688.3 | 3,901.0 | 2.52 | -0.31 | -2.50 | |
| 11,246.0 | 91.10 | 286.60 | 7,544.8 | 2,185.8 | 1,279.5 | -3,718.0 | 3,932.0 | 0.32 | 0.32 | 0.00 | |
| 11,278.0 | 91.10 | 286.80 | 7,544.2 | 2,185.2 | 1,288.7 | -3,748.6 | 3,963.9 | 0.62 | 0.00 | 0.63 | |
| 11,309.0 | 89.80 | 286.80 | 7,543.9 | 2,184.9 | 1,297.6 | -3,778.3 | 3,994.9 | 4.19 | -4.19 | 0.00 | |
| 11,341.0 | 89.50 | 286.50 | 7,544.1 | 2,185.1 | 1,306.8 | -3,808.9 | 4,026.9 | 1.33 | -0.94 | -0.94 | |
| 11,373.0 | 89.30 | 286.00 | 7,544.5 | 2,185.5 | 1,315.7 | -3,839.7 | 4,058.8 | 1.68 | -0.63 | -1.56 | |
| 11,404.0 | 89.00 | 286.40 | 7,544.9 | 2,185.9 | 1,324.4 | -3,869.4 | 4,089.8 | 1.61 | -0.97 | 1.29 | |
| 11,436.0 | 89.00 | 286.00 | 7,545.5 | 2,186.5 | 1,333.3 | -3,900.2 | 4,121.8 | 1.25 | 0.00 | -1.25 | |
| 11,468.0 | 89.00 | 285.70 | 7,546.0 | 2,187.0 | 1,342.0 | -3,930.9 | 4,153.7 | 0.94 | 0.00 | -0.94 | |
| 11,577.0 | 89.50 | 286.00 | 7,547.5 | 2,188.5 | 1,371.8 | -4,035.8 | 4,262.5 | 0.53 | 0.46 | 0.28 | |
| Projection to Bit | | | | | | | | | | | |
| 11,629.0 | 89.50 | 286.00 | 7,547.9 | 2,188.9 | 1,386.1 | -4,085.8 | 4,314.5 | 0.00 | 0.00 | 0.00 | |

| Survey Annotations | | | | | |
|--------------------|--------------------|-------------------|-----------|-------------------|--|
| Measured Depth (') | Vertical Depth (') | Local Coordinates | | | |
| | | +N/-S (') | +E/-W (') | Comment | |
| 11,629.0 | 7,547.9 | 1,386.1 | -4,085.8 | Projection to Bit | |

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