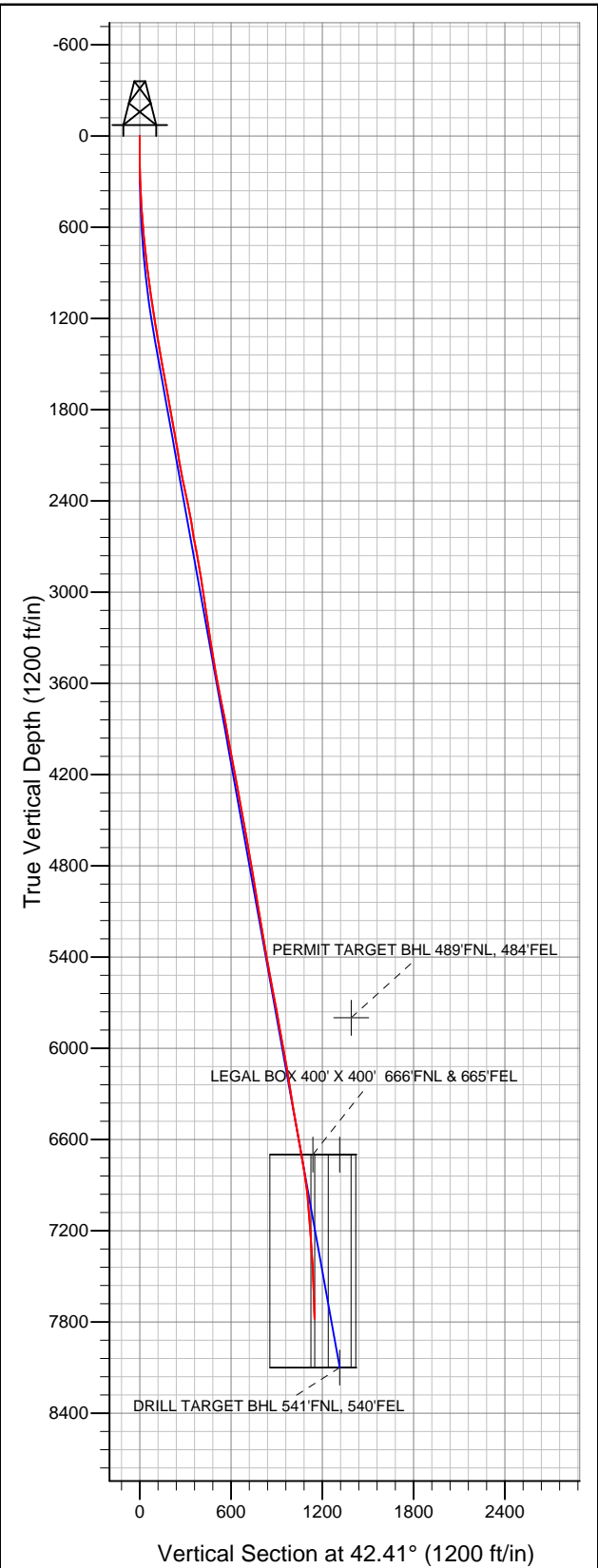
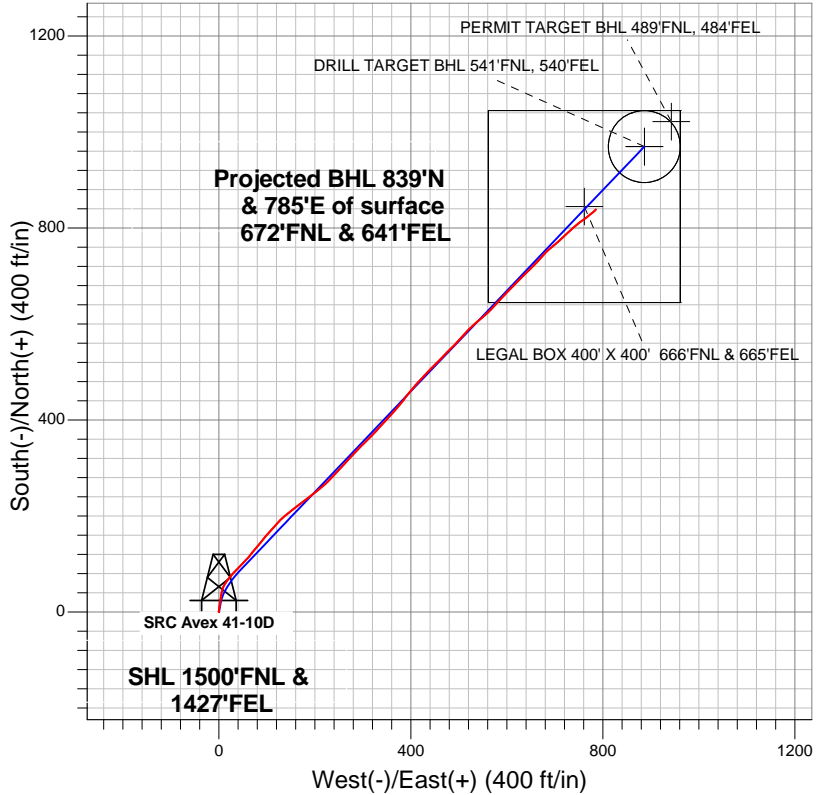


Well Name: SRC Avex 41-10D

Surface Location: SRC Avex 42-10D Pad Sec.10-T4N-R68W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 5038.0
 +N/-S +E/-W Northing Easting Latitude Longitude Slot
 0.0 0.0 1363966.13 3143606.56 40.331343 -104.984895
 Original Well Elev WELL @ 5051.0ft (Original Well Elev)



Synergy Resources



LEGEND

- +— SRC Avex 41-10D, Wellbore #1, Plan #2 (9-18-12)R V0
- +— Wellbore #1
- +— Survey #1

Final Survey Plot

Projected Final Survey -
 7875'MD & 7779'TVD @ 1149'VS
 1.50 deg Inc 38.00 deg AZ

Project: SEC.10-T4N-R68W
 Site: SRC Avex 42-10D Pad Sec.10-T4N-R68W
 Well: SRC Avex 41-10D
 Plan: Wellbore #1



Directional

Synergy Resources

SEC.10-T4N-R68W

SRC Avex 42-10D Pad Sec.10-T4N-R68W

SRC Avex 41-10D

Wellbore #1

Survey: Survey #1

Standard Survey Report

27 September, 2012

| | | | |
|------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Avex 41-10D |
| Project: | SEC.10-T4N-R68W | TVD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Site: | SRC Avex 42-10D Pad Sec.10-T4N-R68W | MD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Well: | SRC Avex 41-10D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | Landmark |

| | | | |
|--------------------|--|----------------------|-----------------------------|
| Project | SEC.10-T4N-R68W, Weld County, Colorado | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | Using Well Reference Point |
| Map Zone: | Colorado Northern Zone | | Using geodetic scale factor |

| | | | | | |
|-----------------------|----------|-------------------------------------|--|-------------------|--|
| Site | | SRC Avex 42-10D Pad Sec.10-T4N-R68W | | | |
| Site Position: | | Northing: | | 1,363,966.99ft | |
| From: | Lat/Long | Easting: | | Longitude: | |
| | | 3,143,626.35ft | | -104.984824 | |
| Position Uncertainty: | | Slot Radius: | | Grid Convergence: | |
| 0.0 ft | | " | | 0.33 ° | |

| Well | SRC Avex 41-10D | | | | | |
|----------------------|-----------------|--------|---------------------|-----------------|---------------|-------------|
| Well Position | +N/-S | 0.0 ft | Northing: | 1,363,966.13 ft | Latitude: | 40.331343 |
| | +E/-W | 0.0 ft | Easting: | 3,143,606.56 ft | Longitude: | -104.984895 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 5,038.0 ft |

| | | | | | |
|-----------|-------------|-------------|-----------------|---------------|---------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 9/18/2012 | 8.81 | 66.92 | 52,937 |

| | | | | | |
|-------------------|--------------------------|---------------|---------------|------------------|-----|
| Design | Wellbore #1 | | | | |
| 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 | 42.41 | |

| Survey Program | | Date | 9/27/2012 | | |
|----------------|---------|-------------------------|-----------|----------------|--|
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 47.0 | 7,875.0 | Survey #1 (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 (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 |
| 47.0 | 0.30 | 203.40 | 47.0 | -0.1 | 0.0 | -0.1 | 0.64 | 0.64 | 0.00 |
| 138.0 | 0.40 | 333.70 | 138.0 | 0.0 | -0.3 | -0.2 | 0.70 | 0.11 | 143.19 |
| 229.0 | 1.80 | 359.30 | 229.0 | 1.7 | -0.4 | 0.9 | 1.59 | 1.54 | 28.13 |
| 317.0 | 3.00 | 10.60 | 316.9 | 5.3 | 0.0 | 3.9 | 1.46 | 1.36 | 12.84 |
| 433.0 | 3.90 | 9.70 | 432.7 | 12.2 | 1.2 | 9.8 | 0.78 | 0.78 | -0.78 |
| 561.0 | 5.20 | 7.10 | 560.3 | 22.2 | 2.6 | 18.2 | 1.03 | 1.02 | -2.03 |
| 603.0 | 5.60 | 8.10 | 602.1 | 26.1 | 3.2 | 21.4 | 0.98 | 0.95 | 2.38 |
| 686.0 | 5.80 | 7.20 | 684.7 | 34.3 | 4.3 | 28.2 | 0.26 | 0.24 | -1.08 |
| 814.0 | 7.20 | 18.10 | 811.9 | 48.4 | 7.6 | 40.8 | 1.45 | 1.09 | 8.52 |
| 943.0 | 7.60 | 33.80 | 939.8 | 63.1 | 14.8 | 56.6 | 1.59 | 0.31 | 12.17 |
| 1,071.0 | 8.90 | 42.60 | 1,066.5 | 77.5 | 26.2 | 74.9 | 1.41 | 1.02 | 6.88 |
| 1,199.0 | 9.10 | 44.70 | 1,192.9 | 91.9 | 40.1 | 94.9 | 0.30 | 0.16 | 1.64 |

| | | | |
|------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Avex 41-10D |
| Project: | SEC.10-T4N-R68W | TVD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Site: | SRC Avex 42-10D Pad Sec.10-T4N-R68W | MD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Well: | SRC Avex 41-10D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | Landmark |

| Survey | | | | | | | | | | |
|---|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 1,327.0 | 9.90 | 41.90 | 1,319.2 | 107.3 | 54.5 | 116.0 | 0.72 | 0.63 | -2.19 | |
| 1,456.0 | 9.70 | 41.30 | 1,446.3 | 123.7 | 69.1 | 138.0 | 0.17 | -0.16 | -0.47 | |
| 1,584.0 | 10.40 | 38.50 | 1,572.3 | 140.9 | 83.4 | 160.3 | 0.67 | 0.55 | -2.19 | |
| 1,712.0 | 9.90 | 39.90 | 1,698.3 | 158.4 | 97.7 | 182.8 | 0.44 | -0.39 | 1.09 | |
| 1,840.0 | 10.40 | 41.90 | 1,824.3 | 175.4 | 112.4 | 205.3 | 0.48 | 0.39 | 1.56 | |
| 1,969.0 | 9.80 | 45.00 | 1,951.3 | 191.8 | 128.0 | 228.0 | 0.63 | -0.47 | 2.40 | |
| 2,097.0 | 9.30 | 52.20 | 2,077.5 | 205.9 | 143.8 | 249.0 | 1.01 | -0.39 | 5.63 | |
| 2,225.0 | 10.60 | 52.40 | 2,203.6 | 219.4 | 161.3 | 270.8 | 1.02 | 1.02 | 0.16 | |
| 2,353.0 | 12.30 | 52.10 | 2,329.0 | 235.0 | 181.4 | 295.9 | 1.33 | 1.33 | -0.23 | |
| 2,482.0 | 11.50 | 52.20 | 2,455.3 | 251.3 | 202.4 | 322.1 | 0.62 | -0.62 | 0.08 | |
| 2,610.0 | 9.10 | 48.20 | 2,581.2 | 265.9 | 220.1 | 344.7 | 1.96 | -1.88 | -3.13 | |
| 2,738.0 | 10.60 | 43.60 | 2,707.3 | 281.1 | 235.7 | 366.6 | 1.32 | 1.17 | -3.59 | |
| 2,866.0 | 9.90 | 41.50 | 2,833.3 | 297.9 | 251.1 | 389.3 | 0.62 | -0.55 | -1.64 | |
| 2,995.0 | 8.80 | 42.90 | 2,960.6 | 313.4 | 265.2 | 410.3 | 0.87 | -0.85 | 1.09 | |
| 3,123.0 | 8.10 | 42.90 | 3,087.2 | 327.2 | 278.0 | 429.1 | 0.55 | -0.55 | 0.00 | |
| 3,251.0 | 8.80 | 45.00 | 3,213.8 | 340.7 | 291.1 | 447.9 | 0.60 | 0.55 | 1.64 | |
| 3,379.0 | 8.80 | 46.80 | 3,340.3 | 354.4 | 305.1 | 467.4 | 0.22 | 0.00 | 1.41 | |
| 3,508.0 | 9.40 | 43.40 | 3,467.6 | 368.8 | 319.6 | 487.8 | 0.62 | 0.47 | -2.64 | |
| 3,636.0 | 11.20 | 42.00 | 3,593.6 | 385.6 | 335.1 | 510.7 | 1.42 | 1.41 | -1.09 | |
| 3,764.0 | 11.10 | 42.70 | 3,719.2 | 403.9 | 351.7 | 535.4 | 0.13 | -0.08 | 0.55 | |
| 3,892.0 | 10.80 | 41.30 | 3,844.8 | 422.0 | 368.0 | 559.8 | 0.31 | -0.23 | -1.09 | |
| 4,021.0 | 10.00 | 38.30 | 3,971.7 | 439.8 | 382.9 | 583.0 | 0.75 | -0.62 | -2.33 | |
| 4,149.0 | 10.70 | 37.80 | 4,097.6 | 458.0 | 397.1 | 605.9 | 0.55 | 0.55 | -0.39 | |
| 4,277.0 | 11.10 | 41.30 | 4,223.3 | 476.6 | 412.5 | 630.1 | 0.60 | 0.31 | 2.73 | |
| 4,405.0 | 9.80 | 44.30 | 4,349.2 | 493.7 | 428.3 | 653.3 | 1.10 | -1.02 | 2.34 | |
| 4,534.0 | 9.70 | 45.50 | 4,476.3 | 509.1 | 443.7 | 675.1 | 0.18 | -0.08 | 0.93 | |
| 4,662.0 | 10.80 | 44.00 | 4,602.3 | 525.3 | 459.7 | 697.9 | 0.88 | 0.86 | -1.17 | |
| 4,790.0 | 10.00 | 44.30 | 4,728.2 | 541.9 | 475.8 | 721.0 | 0.63 | -0.63 | 0.23 | |
| 4,919.0 | 9.10 | 45.70 | 4,855.4 | 557.0 | 490.9 | 742.4 | 0.72 | -0.70 | 1.09 | |
| 5,047.0 | 9.50 | 40.10 | 4,981.7 | 572.2 | 505.0 | 763.0 | 0.77 | 0.31 | -4.38 | |
| 5,175.0 | 9.60 | 45.70 | 5,107.9 | 587.7 | 519.4 | 784.2 | 0.73 | 0.08 | 4.38 | |
| 5,304.0 | 9.10 | 48.50 | 5,235.2 | 602.0 | 534.8 | 805.1 | 0.52 | -0.39 | 2.17 | |
| 5,432.0 | 10.00 | 51.00 | 5,361.5 | 615.7 | 551.0 | 826.2 | 0.77 | 0.70 | 1.95 | |
| 5,561.0 | 10.50 | 41.90 | 5,488.4 | 631.5 | 567.5 | 849.0 | 1.31 | 0.39 | -7.05 | |
| 5,689.0 | 10.80 | 43.80 | 5,614.2 | 648.8 | 583.6 | 872.7 | 0.36 | 0.23 | 1.48 | |
| 5,817.0 | 10.30 | 43.80 | 5,740.0 | 665.7 | 599.8 | 896.1 | 0.39 | -0.39 | 0.00 | |
| 5,946.0 | 10.10 | 43.80 | 5,867.0 | 682.2 | 615.6 | 918.9 | 0.16 | -0.16 | 0.00 | |
| 5,964.3 | 10.16 | 44.18 | 5,885.0 | 684.5 | 617.9 | 922.1 | 0.48 | 0.31 | 2.10 | |
| PERMIT TARGET BHL 489'FNL, 484'FEL | | | | | | | | | | |
| 6,074.0 | 10.50 | 46.40 | 5,992.9 | 698.4 | 631.9 | 941.8 | 0.48 | 0.31 | 2.02 | |
| 6,203.0 | 9.60 | 44.00 | 6,120.0 | 714.2 | 647.8 | 964.3 | 0.77 | -0.70 | -1.86 | |
| 6,331.0 | 8.90 | 43.40 | 6,246.3 | 729.1 | 662.1 | 984.8 | 0.55 | -0.55 | -0.47 | |
| 6,459.0 | 9.80 | 41.50 | 6,372.6 | 744.4 | 676.1 | 1,005.6 | 0.74 | 0.70 | -1.48 | |
| 6,588.0 | 9.60 | 52.20 | 6,499.8 | 759.3 | 691.9 | 1,027.2 | 1.40 | -0.16 | 8.29 | |
| 6,716.0 | 9.80 | 46.30 | 6,625.9 | 773.3 | 708.2 | 1,048.6 | 0.79 | 0.16 | -4.61 | |
| 6,804.1 | 10.07 | 47.34 | 6,712.7 | 783.7 | 719.3 | 1,063.7 | 0.37 | 0.31 | 1.18 | |
| LEGAL BOX 400' X 400' 666'FNL & 665'FEL | | | | | | | | | | |
| 6,834.8 | 10.17 | 47.69 | 6,742.9 | 787.4 | 723.2 | 1,069.1 | 0.37 | 0.31 | 1.14 | |
| TARGET CIRCLE 541'FNL & 540'FEL | | | | | | | | | | |
| 6,845.0 | 10.20 | 47.80 | 6,753.0 | 788.6 | 724.6 | 1,070.9 | 0.37 | 0.31 | 1.12 | |
| 6,973.0 | 7.70 | 48.70 | 6,879.4 | 801.9 | 739.4 | 1,090.7 | 1.96 | -1.95 | 0.70 | |
| 7,101.0 | 5.40 | 52.20 | 7,006.6 | 811.2 | 750.6 | 1,105.2 | 1.82 | -1.80 | 2.73 | |
| 7,230.0 | 3.70 | 56.40 | 7,135.1 | 817.2 | 758.9 | 1,115.2 | 1.34 | -1.32 | 3.26 | |
| 7,358.0 | 4.80 | 49.90 | 7,262.8 | 823.0 | 766.4 | 1,124.5 | 0.94 | 0.86 | -5.08 | |

| | | | |
|------------------|-------------------------------------|-------------------------------------|--------------------------------------|
| Company: | Synergy Resources | Local Co-ordinate Reference: | Well SRC Avex 41-10D |
| Project: | SEC.10-T4N-R68W | TVD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Site: | SRC Avex 42-10D Pad Sec.10-T4N-R68W | MD Reference: | WELL @ 5051.0ft (Original Well Elev) |
| Well: | SRC Avex 41-10D | North Reference: | True |
| Wellbore: | Wellbore #1 | Survey Calculation Method: | Minimum Curvature |
| Design: | Wellbore #1 | Database: | Landmark |

| Survey | | | | | | | | | | |
|-----------------------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|--|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | |
| 7,487.0 | 3.50 | 52.80 | 7,391.5 | 828.8 | 773.7 | 1,133.7 | 1.02 | -1.01 | 2.25 | |
| 7,615.0 | 2.50 | 53.50 | 7,519.3 | 832.8 | 779.0 | 1,140.3 | 0.78 | -0.78 | 0.55 | |
| 7,743.0 | 1.80 | 41.20 | 7,647.2 | 836.0 | 782.6 | 1,145.1 | 0.65 | -0.55 | -9.61 | |
| 7,830.0 | 1.50 | 38.00 | 7,734.2 | 837.9 | 784.2 | 1,147.6 | 0.36 | -0.34 | -3.68 | |
| 7,875.0 | 1.50 | 38.00 | 7,779.1 | 838.9 | 784.9 | 1,148.8 | 0.00 | 0.00 | 0.00 | |
| DRILL TARGET BHL 541'FNL, 540'FEL | | | | | | | | | | |

| Wellbore Targets | | | | | | | | | | |
|--|---------------|--------------|----------|------------|------------|---------------|--------------|-----------|-------------|--|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude | |
| PERMIT TARGET BH - hit/miss target - Shape | 0.00 | 0.00 | 5,800.0 | 1,021.9 | 942.0 | 1,364,993.45 | 3,144,542.61 | 40.334148 | -104.981516 | |
| - survey misses target center by 475.5ft at 5962.9ft MD (5883.6 TVD, 684.4 N, 617.7 E) | | | | | | | | | | |
| - Point | | | | | | | | | | |
| TARGET CIRCLE 541 - survey misses target center by 248.3ft at 6835.5ft MD (6743.7 TVD, 787.5 N, 723.3 E) | 0.00 | 0.00 | 6,700.0 | 969.9 | 886.0 | 1,364,941.12 | 3,144,486.87 | 40.334005 | -104.981717 | |
| - Circle (radius 75.0) | | | | | | | | | | |
| LEGAL BOX 400' X 400' - survey misses target center by 75.1ft at 6804.3ft MD (6712.9 TVD, 783.7 N, 719.3 E) | 0.00 | 0.00 | 6,700.0 | 844.9 | 761.0 | 1,364,815.40 | 3,144,362.60 | 40.333662 | -104.982165 | |
| - Rectangle (sides W400.0 H400.0 D1,400.0) | | | | | | | | | | |
| DRILL TARGET BHL - survey misses target center by 361.0ft at 7875.0ft MD (7779.1 TVD, 838.9 N, 784.9 E) | 0.00 | 0.00 | 8,100.0 | 969.9 | 886.0 | 1,364,941.12 | 3,144,486.87 | 40.334005 | -104.981717 | |
| - Point | | | | | | | | | | |

Checked By: _____ Approved By: _____ Date: _____