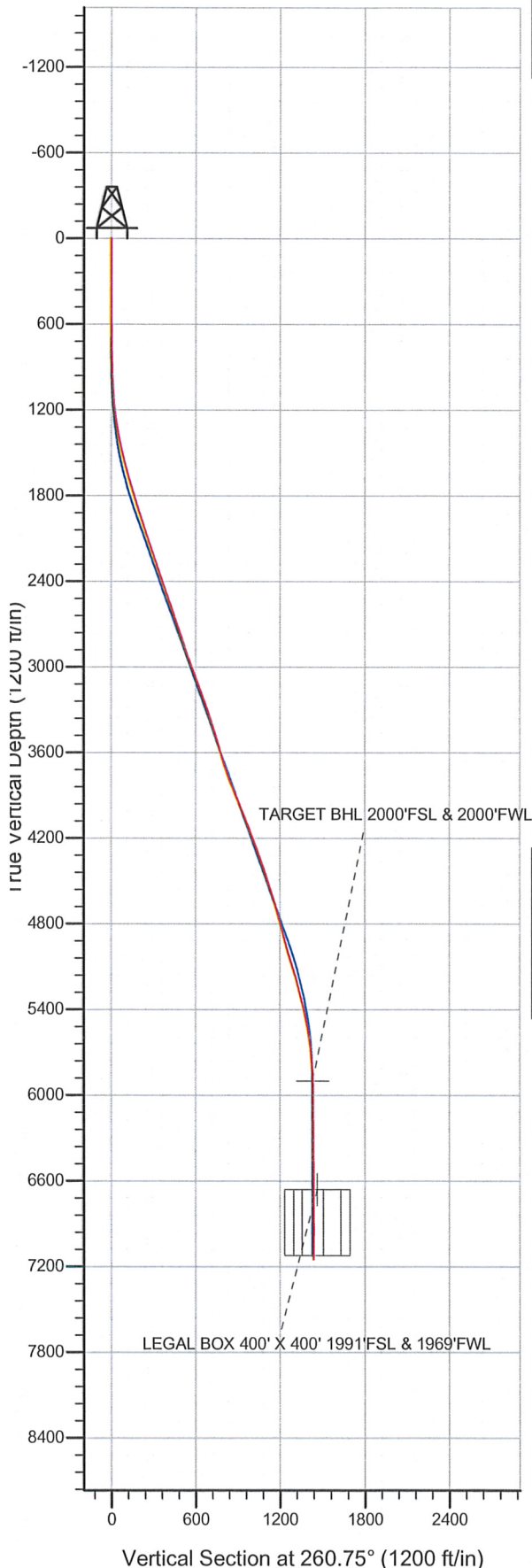


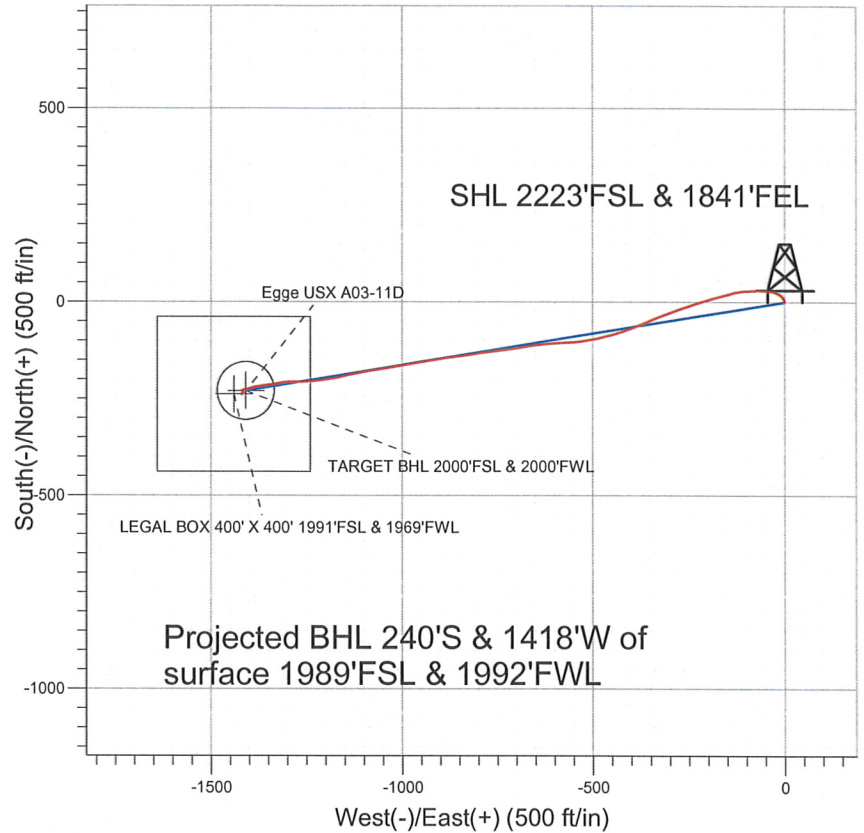
Well Name: **Egge USX A03-11D**
 Surface Location: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
 North American Datum 1983 US State Plane 1983 Colorado Northern Zone
 Ground Elevation: 4768.0

| +N/-S | +E/-W | Northing | Easting | Latitude | Longitude | Slot |
|-------|-------|------------|------------|-----------|-------------|------|
| 0.0 | 0.0 | 1431584.86 | 3268766.45 | 40.514080 | -104.533340 | |

 Original Well Elev WELL @ 4781.0ft (Original Well Elev)



NOBLE ENERGY INC WELD COUNTY CO



LEGEND

- +— Egge USX A03-11D, Wellbore #1, Noble Egge USX A03-11D Plan #2 (8-11-11) VO
- +— Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
 7375'MD & 7150'TVD @ 1438'VS
 0.4 deg Inc 180.0 deg AZ

Project: SEC.3-T6N-R64W
 Site: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
 Well: Egge USX A03-11D
 Plan: Wellbore #1



Directional

**NOBLE ENERGY INC WELD
COUNTY CO**

SEC.3-T6N-R64W

Rogers, Egge, and Orr Pad Sec.3-T6N-R64W

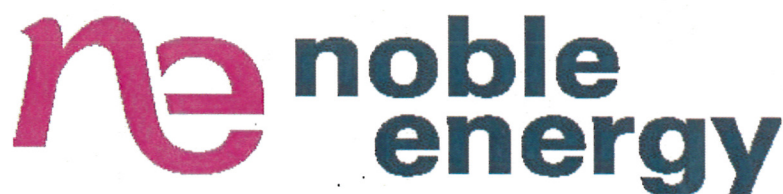
Egge USX A03-11D

Wellbore #1

Survey: Survey #1

Standard Survey Report

23 August, 2011



Company: NOBLE ENERGY INC WELD COUNTY CO
Project: SEC.3-T6N-R64W
Site: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
Well: Egge USX A03-11D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Egge USX A03-11D
TVD Reference: WELL @ 4781.0ft (Original Well Elev)
MD Reference: WELL @ 4781.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: Landmark

Project SEC.3-T6N-R64W, Weld County, Colorado

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: Colorado Northern Zone

System Datum: Mean Sea Level
 Using Well Reference Point
 Using geodetic scale factor

Site Rogers, Egge, and Orr Pad Sec.3-T6N-R64W

Site Position: Northing: 1,431,606.73 ft Latitude: 40.514140
From: Lat/Long Easting: 3,268,766.21 ft Longitude: -104.533340
Position Uncertainty: 0.0 ft Slot Radius: " Grid Convergence: 0.62 °

Well Egge USX A03-11D
Well Position +N/-S 0.0 ft Northing: 1,431,584.86 ft Latitude: 40.514080
 +E/-W 0.0 ft Easting: 3,268,766.45 ft Longitude: -104.533340
Position Uncertainty 0.0 ft Wellhead Elevation: ft Ground Level: 4,768.0 ft

Wellbore Wellbore #1

| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
|-----------|------------|-------------|-----------------|---------------|---------------------|
| | IGRF2010 | 8/11/2011 | 8.73 | 67.18 | 53,200 |

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 | 260.75 |

Survey Program Date 8/23/2011

| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
|-----------|---------|-------------------------|-----------|----------------|
| 102.0 | 7,375.0 | 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 |
| 102.0 | 0.20 | 23.00 | 102.0 | 0.2 | 0.1 | -0.1 | 0.20 | 0.20 | 0.00 |
| 196.0 | 0.90 | 346.80 | 196.0 | 1.0 | 0.0 | -0.1 | 0.80 | 0.74 | -38.51 |
| 289.0 | 1.10 | 349.90 | 289.0 | 2.6 | -0.4 | -0.1 | 0.22 | 0.22 | 3.33 |
| 361.0 | 1.10 | 3.10 | 361.0 | 4.0 | -0.4 | -0.2 | 0.35 | 0.00 | 18.33 |
| 443.0 | 1.30 | 338.90 | 443.0 | 5.6 | -0.7 | -0.2 | 0.66 | 0.24 | -29.51 |
| 524.0 | 1.40 | 331.80 | 523.9 | 7.4 | -1.5 | 0.3 | 0.24 | 0.12 | -8.77 |
| 606.0 | 1.40 | 331.10 | 605.9 | 9.1 | -2.5 | 1.0 | 0.02 | 0.00 | -0.85 |
| 688.0 | 1.50 | 314.60 | 687.9 | 10.8 | -3.7 | 2.0 | 0.52 | 0.12 | -20.12 |
| 770.0 | 1.40 | 318.50 | 769.9 | 12.3 | -5.2 | 3.1 | 0.17 | -0.12 | 4.76 |
| 794.0 | 1.60 | 319.20 | 793.8 | 12.7 | -5.6 | 3.5 | 0.84 | 0.83 | 2.92 |
| 914.0 | 2.10 | 318.30 | 913.8 | 15.7 | -8.1 | 5.5 | 0.42 | 0.42 | -0.75 |
| 996.0 | 3.20 | 307.80 | 995.7 | 18.2 | -10.9 | 7.9 | 1.46 | 1.34 | -12.80 |

Company: NOBLE ENERGY INC WELD COUNTY CO
Project: SEC.3-T6N-R64W
Site: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
Well: Egge USX A03-11D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Egge USX A03-11D
TVD Reference: WELL @ 4781.0ft (Original Well Elev)
MD Reference: WELL @ 4781.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
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) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 1,077.0 | 4.90 | 296.00 | 1,076.5 | 21.1 | -15.8 | 12.2 | 2.33 | 2.10 | -14.57 |
| 1,159.0 | 6.80 | 291.80 | 1,158.1 | 24.4 | -23.5 | 19.3 | 2.37 | 2.32 | -5.12 |
| 1,241.0 | 7.70 | 278.80 | 1,239.4 | 27.1 | -33.4 | 28.7 | 2.27 | 1.10 | -15.85 |
| 1,322.0 | 9.70 | 276.60 | 1,319.5 | 28.7 | -45.6 | 40.4 | 2.50 | 2.47 | -2.72 |
| 1,404.0 | 11.60 | 270.50 | 1,400.1 | 29.5 | -60.7 | 55.1 | 2.69 | 2.32 | -7.44 |
| 1,486.0 | 13.30 | 267.90 | 1,480.1 | 29.3 | -78.4 | 72.6 | 2.18 | 2.07 | -3.17 |
| 1,568.0 | 14.80 | 268.80 | 1,559.7 | 28.7 | -98.3 | 92.4 | 1.85 | 1.83 | 1.10 |
| 1,649.0 | 15.90 | 258.20 | 1,637.8 | 26.2 | -119.5 | 113.7 | 3.71 | 1.36 | -13.09 |
| 1,731.0 | 17.00 | 256.80 | 1,716.4 | 21.2 | -142.1 | 136.9 | 1.43 | 1.34 | -1.71 |
| 1,813.0 | 16.90 | 252.90 | 1,794.9 | 14.9 | -165.2 | 160.6 | 1.39 | -0.12 | -4.76 |
| 1,895.0 | 17.20 | 252.60 | 1,873.3 | 7.8 | -188.2 | 184.5 | 0.38 | 0.37 | -0.37 |
| 1,976.0 | 18.20 | 256.30 | 1,950.4 | 1.2 | -211.9 | 208.9 | 1.86 | 1.23 | 4.57 |
| 2,058.0 | 18.40 | 251.30 | 2,028.3 | -5.9 | -236.6 | 234.5 | 1.93 | 0.24 | -6.10 |
| 2,140.0 | 18.80 | 250.10 | 2,106.0 | -14.6 | -261.3 | 260.2 | 0.68 | 0.49 | -1.46 |
| 2,222.0 | 19.30 | 248.20 | 2,183.5 | -24.1 | -286.3 | 286.4 | 0.97 | 0.61 | -2.32 |
| 2,303.0 | 20.00 | 251.00 | 2,259.8 | -33.6 | -311.8 | 313.1 | 1.45 | 0.86 | 3.46 |
| 2,385.0 | 19.90 | 248.00 | 2,336.9 | -43.4 | -338.0 | 340.6 | 1.25 | -0.12 | -3.66 |
| 2,467.0 | 20.00 | 246.40 | 2,414.0 | -54.2 | -363.8 | 367.8 | 0.68 | 0.12 | -1.95 |
| 2,549.0 | 19.70 | 247.50 | 2,491.1 | -65.1 | -389.4 | 394.8 | 0.58 | -0.37 | 1.34 |
| 2,630.0 | 19.10 | 250.40 | 2,567.5 | -74.8 | -414.5 | 421.1 | 1.40 | -0.74 | 3.58 |
| 2,712.0 | 19.00 | 253.80 | 2,645.0 | -83.0 | -440.0 | 447.6 | 1.36 | -0.12 | 4.15 |
| 2,794.0 | 18.30 | 257.30 | 2,722.7 | -89.6 | -465.3 | 473.7 | 1.61 | -0.85 | 4.27 |
| 2,876.0 | 18.40 | 256.60 | 2,800.5 | -95.4 | -490.5 | 499.4 | 0.30 | 0.12 | -0.85 |
| 2,957.0 | 19.70 | 261.30 | 2,877.1 | -100.5 | -516.4 | 525.8 | 2.48 | 1.60 | 5.80 |
| 3,039.0 | 20.80 | 265.00 | 2,954.0 | -103.8 | -544.6 | 554.2 | 2.06 | 1.34 | 4.51 |
| 3,121.0 | 20.60 | 266.60 | 3,030.7 | -105.9 | -573.5 | 583.1 | 0.73 | -0.24 | 1.95 |
| 3,202.0 | 20.80 | 265.70 | 3,106.5 | -107.9 | -602.1 | 611.6 | 0.46 | 0.25 | -1.11 |
| 3,284.0 | 20.40 | 265.00 | 3,183.3 | -110.2 | -630.8 | 640.3 | 0.57 | -0.49 | -0.85 |
| 3,366.0 | 19.80 | 261.90 | 3,260.3 | -113.4 | -658.8 | 668.5 | 1.49 | -0.73 | -3.78 |
| 3,448.0 | 18.50 | 258.70 | 3,337.7 | -117.9 | -685.3 | 695.3 | 2.04 | -1.59 | -3.90 |
| 3,529.0 | 17.90 | 263.10 | 3,414.7 | -121.9 | -710.3 | 720.6 | 1.85 | -0.74 | 5.43 |
| 3,611.0 | 17.80 | 262.90 | 3,492.8 | -125.0 | -735.2 | 745.7 | 0.14 | -0.12 | -0.24 |
| 3,693.0 | 15.70 | 261.70 | 3,571.3 | -128.1 | -758.6 | 769.4 | 2.60 | -2.56 | -1.46 |
| 3,775.0 | 17.20 | 263.50 | 3,649.9 | -131.1 | -781.7 | 792.6 | 1.93 | 1.83 | 2.20 |
| 3,856.0 | 19.30 | 261.70 | 3,726.8 | -134.4 | -806.8 | 817.9 | 2.68 | 2.59 | -2.22 |
| 3,938.0 | 20.80 | 263.10 | 3,803.9 | -138.1 | -834.7 | 846.0 | 1.92 | 1.83 | 1.71 |
| 4,020.0 | 21.80 | 262.20 | 3,880.3 | -141.9 | -864.2 | 875.8 | 1.28 | 1.22 | -1.10 |
| 4,102.0 | 23.00 | 261.50 | 3,956.1 | -146.4 | -895.1 | 907.0 | 1.50 | 1.46 | -0.85 |
| 4,183.0 | 23.10 | 260.30 | 4,030.6 | -151.4 | -926.5 | 938.7 | 0.59 | 0.12 | -1.48 |
| 4,265.0 | 20.80 | 259.60 | 4,106.7 | -156.7 | -956.6 | 969.4 | 2.82 | -2.80 | -0.85 |
| 4,347.0 | 20.70 | 259.60 | 4,183.3 | -162.0 | -985.2 | 998.4 | 0.12 | -0.12 | 0.00 |
| 4,429.0 | 20.00 | 258.90 | 4,260.2 | -167.3 | -1,013.2 | 1,026.9 | 0.90 | -0.85 | -0.85 |
| 4,510.0 | 21.00 | 262.40 | 4,336.1 | -171.9 | -1,041.2 | 1,055.3 | 1.95 | 1.23 | 4.32 |
| 4,592.0 | 19.30 | 260.50 | 4,413.1 | -176.0 | -1,069.1 | 1,083.5 | 2.22 | -2.07 | -2.32 |
| 4,674.0 | 17.50 | 259.80 | 4,490.9 | -180.5 | -1,094.6 | 1,109.4 | 2.21 | -2.20 | -0.85 |
| 4,756.0 | 18.30 | 259.20 | 4,568.9 | -185.1 | -1,119.4 | 1,134.6 | 1.00 | 0.98 | -0.73 |
| 4,837.0 | 17.00 | 256.10 | 4,646.1 | -190.3 | -1,143.4 | 1,159.1 | 1.98 | -1.60 | -3.83 |
| 4,919.0 | 14.20 | 255.90 | 4,725.1 | -195.6 | -1,164.8 | 1,181.1 | 3.42 | -3.41 | -0.24 |
| 5,001.0 | 15.10 | 264.20 | 4,804.4 | -199.1 | -1,185.2 | 1,201.8 | 2.78 | 1.10 | 10.12 |
| 5,083.0 | 16.00 | 263.60 | 4,883.4 | -201.5 | -1,207.0 | 1,223.7 | 1.11 | 1.10 | -0.73 |
| 5,164.0 | 15.50 | 261.00 | 4,961.4 | -204.4 | -1,228.8 | 1,245.7 | 1.07 | -0.62 | -3.21 |
| 5,246.0 | 15.70 | 267.00 | 5,040.3 | -206.7 | -1,250.7 | 1,267.7 | 1.98 | 0.24 | 7.32 |
| 5,328.0 | 18.50 | 270.10 | 5,118.7 | -207.3 | -1,274.8 | 1,291.6 | 3.59 | 3.41 | 3.78 |
| 5,409.0 | 16.90 | 266.60 | 5,195.9 | -207.9 | -1,299.4 | 1,316.0 | 2.37 | -1.98 | -4.32 |

Company: NOBLE ENERGY INC WELD COUNTY CO
Project: SEC.3-T6N-R64W
Site: Rogers, Egge, and Orr Pad Sec.3-T6N-R64W
Well: Egge USX A03-11D
Wellbore: Wellbore #1
Design: Wellbore #1

Local Co-ordinate Reference: Well Egge USX A03-11D
TVD Reference: WELL @ 4781.0ft (Original Well Elev)
MD Reference: WELL @ 4781.0ft (Original Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
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) |
|--|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 5,491.0 | 14.70 | 261.00 | 5,274.8 | -210.3 | -1,321.6 | 1,338.2 | 3.26 | -2.68 | -6.83 |
| 5,573.0 | 14.10 | 258.70 | 5,354.2 | -213.9 | -1,341.7 | 1,358.6 | 1.01 | -0.73 | -2.80 |
| 5,655.0 | 12.40 | 263.30 | 5,434.0 | -216.8 | -1,360.2 | 1,377.4 | 2.44 | -2.07 | 5.61 |
| 5,736.0 | 10.10 | 261.20 | 5,513.5 | -219.0 | -1,375.9 | 1,393.2 | 2.88 | -2.84 | -2.59 |
| 5,818.0 | 8.40 | 258.90 | 5,594.4 | -221.2 | -1,388.9 | 1,406.4 | 2.12 | -2.07 | -2.80 |
| 5,900.0 | 6.70 | 252.40 | 5,675.7 | -223.8 | -1,399.3 | 1,417.1 | 2.32 | -2.07 | -7.93 |
| 5,982.0 | 4.60 | 251.50 | 5,757.3 | -226.3 | -1,407.0 | 1,425.1 | 2.56 | -2.56 | -1.10 |
| 6,063.0 | 2.70 | 253.30 | 5,838.1 | -227.9 | -1,411.9 | 1,430.2 | 2.35 | -2.35 | 2.22 |
| 6,124.8 | 2.16 | 261.07 | 5,899.8 | -228.5 | -1,414.4 | 1,432.8 | 1.02 | -0.87 | 12.58 |
| TARGET BHL 2000'FSL & 2000'FWL | | | | | | | | | |
| 6,145.0 | 2.00 | 264.50 | 5,920.0 | -228.6 | -1,415.2 | 1,433.5 | 1.02 | -0.81 | 16.94 |
| 6,227.0 | 1.00 | 184.40 | 6,002.0 | -229.4 | -1,416.6 | 1,435.1 | 2.53 | -1.22 | -97.68 |
| 6,309.0 | 1.20 | 172.90 | 6,084.0 | -231.0 | -1,416.6 | 1,435.3 | 0.36 | 0.24 | -14.02 |
| 6,390.0 | 0.40 | 184.90 | 6,165.0 | -232.1 | -1,416.5 | 1,435.4 | 1.00 | -0.99 | 14.81 |
| 6,472.0 | 1.00 | 186.80 | 6,247.0 | -233.1 | -1,416.6 | 1,435.7 | 0.73 | 0.73 | 2.32 |
| 6,554.0 | 0.80 | 176.40 | 6,329.0 | -234.4 | -1,416.7 | 1,435.9 | 0.31 | -0.24 | -12.68 |
| 6,636.0 | 0.50 | 204.90 | 6,411.0 | -235.3 | -1,416.8 | 1,436.2 | 0.53 | -0.37 | 34.76 |
| 6,717.0 | 0.40 | 217.40 | 6,492.0 | -235.8 | -1,417.1 | 1,436.6 | 0.17 | -0.12 | 15.43 |
| 6,799.0 | 0.50 | 201.80 | 6,574.0 | -236.4 | -1,417.4 | 1,437.0 | 0.19 | 0.12 | -19.02 |
| 6,881.0 | 0.60 | 165.90 | 6,656.0 | -237.1 | -1,417.4 | 1,437.1 | 0.43 | 0.12 | -43.78 |
| 6,886.0 | 0.58 | 167.75 | 6,660.9 | -237.2 | -1,417.4 | 1,437.1 | 0.56 | -0.41 | 37.12 |
| TARGET CIRCLE 2000'FSL & 2000'FWL | | | | | | | | | |
| 6,886.1 | 0.58 | 167.75 | 6,661.0 | -237.2 | -1,417.4 | 1,437.1 | 0.00 | 0.00 | 0.00 |
| LEGAL BOX 400' X 400' 1991'FSL & 1969'FWL | | | | | | | | | |
| 6,963.0 | 0.40 | 216.20 | 6,738.0 | -237.8 | -1,417.5 | 1,437.3 | 0.56 | -0.23 | 62.99 |
| 7,044.0 | 0.40 | 221.10 | 6,819.0 | -238.2 | -1,417.8 | 1,437.7 | 0.04 | 0.00 | 6.05 |
| 7,126.0 | 0.40 | 194.20 | 6,901.0 | -238.7 | -1,418.1 | 1,438.0 | 0.23 | 0.00 | -32.80 |
| 7,208.0 | 0.50 | 159.00 | 6,983.0 | -239.3 | -1,418.0 | 1,438.1 | 0.35 | 0.12 | -42.93 |
| 7,289.0 | 0.40 | 143.90 | 7,064.0 | -239.9 | -1,417.8 | 1,437.9 | 0.19 | -0.12 | -18.64 |
| 7,324.0 | 0.40 | 178.90 | 7,099.0 | -240.1 | -1,417.7 | 1,437.8 | 0.69 | 0.00 | 100.00 |
| 7,375.0 | 0.40 | 180.00 | 7,149.9 | -240.5 | -1,417.7 | 1,437.9 | 0.02 | 0.00 | 2.16 |

Checked By: _____ Approved By: _____ Date: _____