

# ENSIGN

## Directional

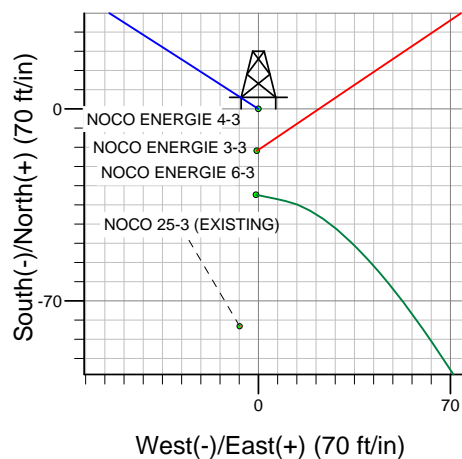
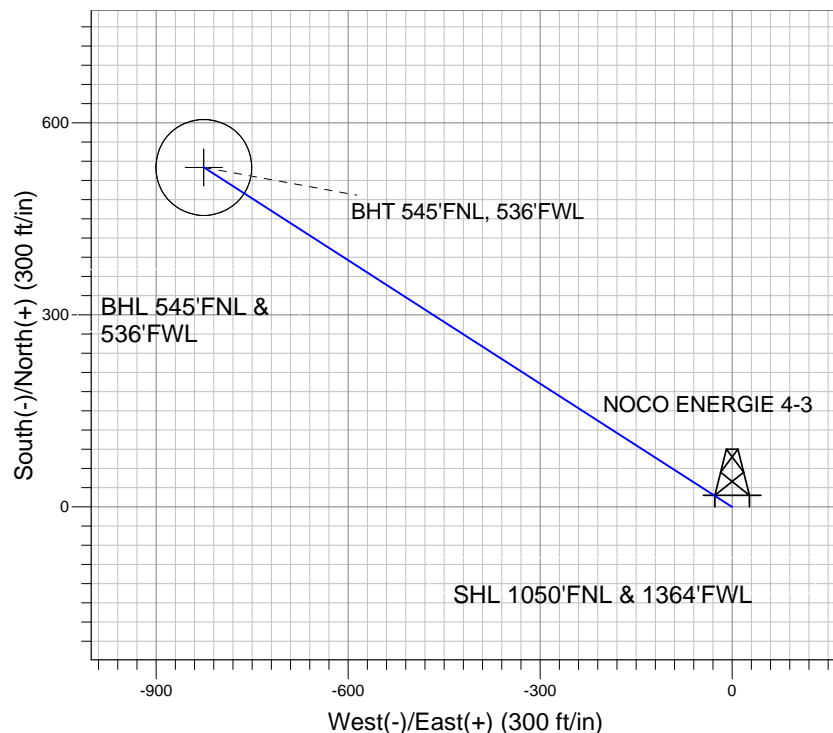
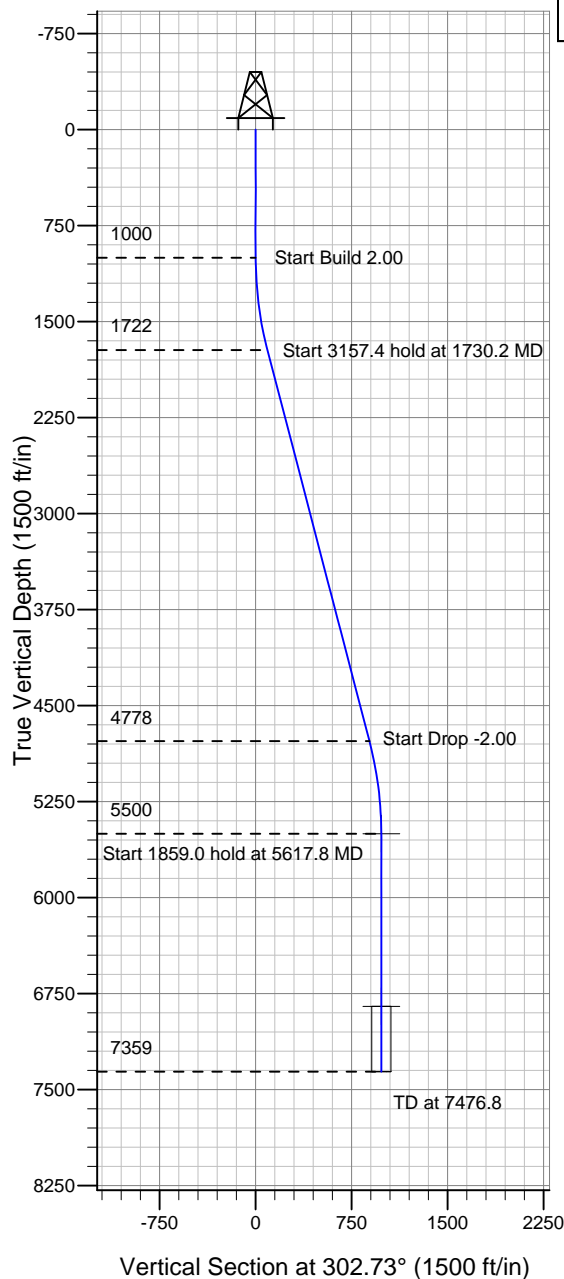
Well Name: **NOCO ENERGIE 4-3**

Surface Location: NOCO ENERGIE 6-3 PAD  
North American Datum 1983 , US State Plane 1983 Colorado Northern Zone  
Ground Elevation: 4779.0

| +N/-S | +E/-W | Northing   | Easting    | Latitude  | Longitude   | Slot |
|-------|-------|------------|------------|-----------|-------------|------|
| 0.0   | 0.0   | 1433557.80 | 3235238.47 | 40.520436 | -104.653853 |      |

Original Well ElevWELL @ 4792.0ft (Original Well Elev)

### BAYSWATER EXPLORATION & PRODUCTION



NOCO ENERGIE 4-3  
Plan 1 July 23, 2010  
8:37, July 26 2010



Azimuths to True North  
Magnetic North: 8.94°  
Magnetic Field  
Strength: 53301.6snT  
Dip Angle: 67.20°  
Date: 7/23/2010  
Model: IGRF2010

#### WELLBORE TARGET DETAILS (LAT/LONG)

| Name                 | TVD    | +N/-S | +E/-W  | Latitude  | Longitude   | Shape                 |
|----------------------|--------|-------|--------|-----------|-------------|-----------------------|
| DRILL TARGET 4-3     | 5500.0 | 530.5 | -825.4 | 40.521892 | -104.656822 | Point                 |
| BHT 545'FNL, 536'FWL | 6849.0 | 530.5 | -825.4 | 40.521892 | -104.656822 | Circle (Radius: 75.0) |

#### SECTION DETAILS

| Sec | MD      | Inc   | Azi    | TVD    | +N/-S | +E/-W  | DLeg | TFace  | VSec  | Target           |
|-----|---------|-------|--------|--------|-------|--------|------|--------|-------|------------------|
| 1   | 0.0     | 0.00  | 0.00   | 0.0    | 0.0   | 0.0    | 0.00 | 0.00   | 0.0   |                  |
|     | 21000.0 | 0.00  | 0.00   | 1000.0 | 0.0   | 0.0    | 0.00 | 0.00   | 0.0   |                  |
|     | 31730.2 | 14.60 | 302.73 | 1722.3 | 50.0  | -77.9  | 2.00 | 302.73 | 92.6  |                  |
|     | 44887.6 | 14.60 | 302.73 | 4777.7 | 480.4 | -747.6 | 0.00 | 0.00   | 888.6 |                  |
|     | 55617.8 | 0.00  | 0.00   | 5500.0 | 530.5 | -825.4 | 2.00 | 180.00 | 981.2 | DRILL TARGET 4-3 |
|     | 67476.8 | 0.00  | 0.00   | 7359.0 | 530.5 | -825.4 | 0.00 | 0.00   | 981.2 |                  |



# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC. 3-T6N-R65W  
NOCO ENERGIE 6-3 PAD  
NOCO ENERGIE 4-3**

**Wellbore #1**

**Plan: Plan 1 July 23, 2010**

## **Standard Planning Report**

**26 July, 2010**

|                  |                                    |                                     |                                      |
|------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Company:</b>  | BAYSWATER EXPLORATION & PRODUCTION | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Project:</b>  | SEC. 3-T6N-R65W                    | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site:</b>     | NOCO ENERGIE 6-3 PAD               | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                                      |
| <b>Design:</b>   | Plan 1 July 23, 2010               |                                     |                                      |

|                    |                           |                      |                             |
|--------------------|---------------------------|----------------------|-----------------------------|
| <b>Project</b>     | SEC. 3-T6N-R65W           |                      |                             |
| <b>Map System:</b> | US State Plane 1983       | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | North American Datum 1983 |                      | Using Well Reference Point  |
| <b>Map Zone:</b>   | Colorado Northern Zone    |                      | Using geodetic scale factor |

| Site                  |  |  |          |  |  | NOCO ENERGIE 6-3 PAD |  |                 |  |                   |  |             |  |
|-----------------------|--|--|----------|--|--|----------------------|--|-----------------|--|-------------------|--|-------------|--|
| Site Position:        |  |  |          |  |  | Northing:            |  | 1,433,526.47 ft |  | Latitude:         |  | 40.520350   |  |
| From:                 |  |  | Lat/Long |  |  | Easting:             |  | 3,235,237.94 ft |  | Longitude:        |  | -104.653856 |  |
| Position Uncertainty: |  |  | 0.0 ft   |  |  | Slot Radius:         |  | "               |  | Grid Convergence: |  | 0.55 °      |  |

| Well                 | NOCO ENERGIE 4-3 |         |                     |                 |               |             |
|----------------------|------------------|---------|---------------------|-----------------|---------------|-------------|
| Well Position        | +N-S             | 31.3 ft | Northing:           | 1,433,557.80 ft | Latitude:     | 40.520436   |
|                      | +E-W             | 0.8 ft  | Easting:            | 3,235,238.47 ft | Longitude:    | -104.653853 |
| Position Uncertainty |                  | 0.0 ft  | Wellhead Elevation: | ft              | Ground Level: | 4,779.0 ft  |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Wellbore #1       |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2010          | 7/23/2010          | 8.94                   | 67.20                | 53,302                     |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | Plan 1 July 23, 2010         |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PROTOTYPE         | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          | 0.0                          | 0.0               | 0.0                  | 302.73               |

| <b>Plan Sections</b> |                 |             |                     |            |            |                       |                      |                     |         |                 |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|-----------------|
| Measured Depth (ft)  | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) | TFO (°) | Target          |
| 0.0                  | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                 |
| 1,000.0              | 0.00            | 0.00        | 1,000.0             | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                 |
| 1,730.2              | 14.60           | 302.73      | 1,722.3             | 50.0       | -77.9      | 2.00                  | 2.00                 | 0.00                | 302.73  |                 |
| 4,887.6              | 14.60           | 302.73      | 4,777.7             | 480.4      | -747.6     | 0.00                  | 0.00                 | 0.00                | 0.00    |                 |
| 5,617.8              | 0.00            | 0.00        | 5,500.0             | 530.5      | -825.4     | 2.00                  | -2.00                | 0.00                | 180.00  | DRILL TARGET 4- |
| 7,476.8              | 0.00            | 0.00        | 7,359.0             | 530.5      | -825.4     | 0.00                  | 0.00                 | 0.00                | 0.00    |                 |

|                  |                                    |                                     |                                      |
|------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Company:</b>  | BAYSWATER EXPLORATION & PRODUCTION | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Project:</b>  | SEC. 3-T6N-R65W                    | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site:</b>     | NOCO ENERGIE 6-3 PAD               | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                                      |
| <b>Design:</b>   | Plan 1 July 23, 2010               |                                     |                                      |

| Planned 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                |
| 40.0                | 0.00            | 0.00        | 40.0                | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 80.0                | 0.00            | 0.00        | 80.0                | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 120.0               | 0.00            | 0.00        | 120.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 160.0               | 0.00            | 0.00        | 160.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 200.0               | 0.00            | 0.00        | 200.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 240.0               | 0.00            | 0.00        | 240.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 280.0               | 0.00            | 0.00        | 280.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 320.0               | 0.00            | 0.00        | 320.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 360.0               | 0.00            | 0.00        | 360.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 400.0               | 0.00            | 0.00        | 400.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 440.0               | 0.00            | 0.00        | 440.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 480.0               | 0.00            | 0.00        | 480.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 520.0               | 0.00            | 0.00        | 520.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 560.0               | 0.00            | 0.00        | 560.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 600.0               | 0.00            | 0.00        | 600.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 640.0               | 0.00            | 0.00        | 640.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 680.0               | 0.00            | 0.00        | 680.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 720.0               | 0.00            | 0.00        | 720.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 760.0               | 0.00            | 0.00        | 760.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 800.0               | 0.00            | 0.00        | 800.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 840.0               | 0.00            | 0.00        | 840.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 880.0               | 0.00            | 0.00        | 880.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 920.0               | 0.00            | 0.00        | 920.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 960.0               | 0.00            | 0.00        | 960.0               | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,000.0             | 0.00            | 0.00        | 1,000.0             | 0.0       | 0.0       | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 1,040.0             | 0.80            | 302.73      | 1,040.0             | 0.2       | -0.2      | 0.3                   | 2.00                  | 2.00                 | 0.00                |
| 1,080.0             | 1.60            | 302.73      | 1,080.0             | 0.6       | -0.9      | 1.1                   | 2.00                  | 2.00                 | 0.00                |
| 1,120.0             | 2.40            | 302.73      | 1,120.0             | 1.4       | -2.1      | 2.5                   | 2.00                  | 2.00                 | 0.00                |
| 1,160.0             | 3.20            | 302.73      | 1,159.9             | 2.4       | -3.8      | 4.5                   | 2.00                  | 2.00                 | 0.00                |
| 1,200.0             | 4.00            | 302.73      | 1,199.8             | 3.8       | -5.9      | 7.0                   | 2.00                  | 2.00                 | 0.00                |
| 1,240.0             | 4.80            | 302.73      | 1,239.7             | 5.4       | -8.5      | 10.0                  | 2.00                  | 2.00                 | 0.00                |
| 1,280.0             | 5.60            | 302.73      | 1,279.6             | 7.4       | -11.5     | 13.7                  | 2.00                  | 2.00                 | 0.00                |
| 1,320.0             | 6.40            | 302.73      | 1,319.3             | 9.7       | -15.0     | 17.9                  | 2.00                  | 2.00                 | 0.00                |
| 1,360.0             | 7.20            | 302.73      | 1,359.1             | 12.2      | -19.0     | 22.6                  | 2.00                  | 2.00                 | 0.00                |
| 1,400.0             | 8.00            | 302.73      | 1,398.7             | 15.1      | -23.5     | 27.9                  | 2.00                  | 2.00                 | 0.00                |
| 1,440.0             | 8.80            | 302.73      | 1,438.3             | 18.2      | -28.4     | 33.7                  | 2.00                  | 2.00                 | 0.00                |
| 1,480.0             | 9.60            | 302.73      | 1,477.8             | 21.7      | -33.7     | 40.1                  | 2.00                  | 2.00                 | 0.00                |
| 1,520.0             | 10.40           | 302.73      | 1,517.1             | 25.4      | -39.6     | 47.1                  | 2.00                  | 2.00                 | 0.00                |
| 1,560.0             | 11.20           | 302.73      | 1,556.4             | 29.5      | -45.9     | 54.6                  | 2.00                  | 2.00                 | 0.00                |
| 1,600.0             | 12.00           | 302.73      | 1,595.6             | 33.8      | -52.7     | 62.6                  | 2.00                  | 2.00                 | 0.00                |
| 1,640.0             | 12.80           | 302.73      | 1,634.7             | 38.5      | -59.9     | 71.2                  | 2.00                  | 2.00                 | 0.00                |
| 1,680.0             | 13.60           | 302.73      | 1,673.6             | 43.4      | -67.6     | 80.3                  | 2.00                  | 2.00                 | 0.00                |
| 1,720.0             | 14.40           | 302.73      | 1,712.4             | 48.7      | -75.7     | 90.0                  | 2.00                  | 2.00                 | 0.00                |
| 1,730.2             | 14.60           | 302.73      | 1,722.3             | 50.0      | -77.9     | 92.6                  | 2.00                  | 2.00                 | 0.00                |
| 1,760.0             | 14.60           | 302.73      | 1,751.2             | 54.1      | -84.2     | 100.1                 | 0.00                  | 0.00                 | 0.00                |
| 1,800.0             | 14.60           | 302.73      | 1,789.9             | 59.6      | -92.7     | 110.2                 | 0.00                  | 0.00                 | 0.00                |
| 1,840.0             | 14.60           | 302.73      | 1,828.6             | 65.0      | -101.2    | 120.2                 | 0.00                  | 0.00                 | 0.00                |
| 1,880.0             | 14.60           | 302.73      | 1,867.3             | 70.5      | -109.6    | 130.3                 | 0.00                  | 0.00                 | 0.00                |
| 1,920.0             | 14.60           | 302.73      | 1,906.0             | 75.9      | -118.1    | 140.4                 | 0.00                  | 0.00                 | 0.00                |
| 1,960.0             | 14.60           | 302.73      | 1,944.7             | 81.4      | -126.6    | 150.5                 | 0.00                  | 0.00                 | 0.00                |
| 2,000.0             | 14.60           | 302.73      | 1,983.4             | 86.8      | -135.1    | 160.6                 | 0.00                  | 0.00                 | 0.00                |
| 2,040.0             | 14.60           | 302.73      | 2,022.1             | 92.3      | -143.6    | 170.7                 | 0.00                  | 0.00                 | 0.00                |

|                  |                                    |                                     |                                      |
|------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Company:</b>  | BAYSWATER EXPLORATION & PRODUCTION | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Project:</b>  | SEC. 3-T6N-R65W                    | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site:</b>     | NOCO ENERGIE 6-3 PAD               | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                                      |
| <b>Design:</b>   | Plan 1 July 23, 2010               |                                     |                                      |

| Planned 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) |
| 2,080.0             | 14.60           | 302.73      | 2,060.8             | 97.7       | -152.1     | 180.8                 | 0.00                  | 0.00                 | 0.00                |
| 2,120.0             | 14.60           | 302.73      | 2,099.5             | 103.2      | -160.5     | 190.8                 | 0.00                  | 0.00                 | 0.00                |
| 2,160.0             | 14.60           | 302.73      | 2,138.2             | 108.6      | -169.0     | 200.9                 | 0.00                  | 0.00                 | 0.00                |
| 2,200.0             | 14.60           | 302.73      | 2,176.9             | 114.1      | -177.5     | 211.0                 | 0.00                  | 0.00                 | 0.00                |
| 2,240.0             | 14.60           | 302.73      | 2,215.6             | 119.5      | -186.0     | 221.1                 | 0.00                  | 0.00                 | 0.00                |
| 2,280.0             | 14.60           | 302.73      | 2,254.4             | 125.0      | -194.5     | 231.2                 | 0.00                  | 0.00                 | 0.00                |
| 2,320.0             | 14.60           | 302.73      | 2,293.1             | 130.4      | -203.0     | 241.3                 | 0.00                  | 0.00                 | 0.00                |
| 2,360.0             | 14.60           | 302.73      | 2,331.8             | 135.9      | -211.5     | 251.4                 | 0.00                  | 0.00                 | 0.00                |
| 2,400.0             | 14.60           | 302.73      | 2,370.5             | 141.3      | -219.9     | 261.4                 | 0.00                  | 0.00                 | 0.00                |
| 2,440.0             | 14.60           | 302.73      | 2,409.2             | 146.8      | -228.4     | 271.5                 | 0.00                  | 0.00                 | 0.00                |
| 2,480.0             | 14.60           | 302.73      | 2,447.9             | 152.2      | -236.9     | 281.6                 | 0.00                  | 0.00                 | 0.00                |
| 2,520.0             | 14.60           | 302.73      | 2,486.6             | 157.7      | -245.4     | 291.7                 | 0.00                  | 0.00                 | 0.00                |
| 2,560.0             | 14.60           | 302.73      | 2,525.3             | 163.2      | -253.9     | 301.8                 | 0.00                  | 0.00                 | 0.00                |
| 2,600.0             | 14.60           | 302.73      | 2,564.0             | 168.6      | -262.4     | 311.9                 | 0.00                  | 0.00                 | 0.00                |
| 2,640.0             | 14.60           | 302.73      | 2,602.7             | 174.1      | -270.8     | 321.9                 | 0.00                  | 0.00                 | 0.00                |
| 2,680.0             | 14.60           | 302.73      | 2,641.4             | 179.5      | -279.3     | 332.0                 | 0.00                  | 0.00                 | 0.00                |
| 2,720.0             | 14.60           | 302.73      | 2,680.1             | 185.0      | -287.8     | 342.1                 | 0.00                  | 0.00                 | 0.00                |
| 2,760.0             | 14.60           | 302.73      | 2,718.8             | 190.4      | -296.3     | 352.2                 | 0.00                  | 0.00                 | 0.00                |
| 2,800.0             | 14.60           | 302.73      | 2,757.6             | 195.9      | -304.8     | 362.3                 | 0.00                  | 0.00                 | 0.00                |
| 2,840.0             | 14.60           | 302.73      | 2,796.3             | 201.3      | -313.3     | 372.4                 | 0.00                  | 0.00                 | 0.00                |
| 2,880.0             | 14.60           | 302.73      | 2,835.0             | 206.8      | -321.7     | 382.5                 | 0.00                  | 0.00                 | 0.00                |
| 2,920.0             | 14.60           | 302.73      | 2,873.7             | 212.2      | -330.2     | 392.5                 | 0.00                  | 0.00                 | 0.00                |
| 2,960.0             | 14.60           | 302.73      | 2,912.4             | 217.7      | -338.7     | 402.6                 | 0.00                  | 0.00                 | 0.00                |
| 3,000.0             | 14.60           | 302.73      | 2,951.1             | 223.1      | -347.2     | 412.7                 | 0.00                  | 0.00                 | 0.00                |
| 3,040.0             | 14.60           | 302.73      | 2,989.8             | 228.6      | -355.7     | 422.8                 | 0.00                  | 0.00                 | 0.00                |
| 3,080.0             | 14.60           | 302.73      | 3,028.5             | 234.0      | -364.2     | 432.9                 | 0.00                  | 0.00                 | 0.00                |
| 3,120.0             | 14.60           | 302.73      | 3,067.2             | 239.5      | -372.7     | 443.0                 | 0.00                  | 0.00                 | 0.00                |
| 3,160.0             | 14.60           | 302.73      | 3,105.9             | 244.9      | -381.1     | 453.1                 | 0.00                  | 0.00                 | 0.00                |
| 3,200.0             | 14.60           | 302.73      | 3,144.6             | 250.4      | -389.6     | 463.1                 | 0.00                  | 0.00                 | 0.00                |
| 3,240.0             | 14.60           | 302.73      | 3,183.3             | 255.8      | -398.1     | 473.2                 | 0.00                  | 0.00                 | 0.00                |
| 3,280.0             | 14.60           | 302.73      | 3,222.0             | 261.3      | -406.6     | 483.3                 | 0.00                  | 0.00                 | 0.00                |
| 3,320.0             | 14.60           | 302.73      | 3,260.8             | 266.8      | -415.1     | 493.4                 | 0.00                  | 0.00                 | 0.00                |
| 3,360.0             | 14.60           | 302.73      | 3,299.5             | 272.2      | -423.6     | 503.5                 | 0.00                  | 0.00                 | 0.00                |
| 3,400.0             | 14.60           | 302.73      | 3,338.2             | 277.7      | -432.0     | 513.6                 | 0.00                  | 0.00                 | 0.00                |
| 3,440.0             | 14.60           | 302.73      | 3,376.9             | 283.1      | -440.5     | 523.7                 | 0.00                  | 0.00                 | 0.00                |
| 3,480.0             | 14.60           | 302.73      | 3,415.6             | 288.6      | -449.0     | 533.7                 | 0.00                  | 0.00                 | 0.00                |
| 3,520.0             | 14.60           | 302.73      | 3,454.3             | 294.0      | -457.5     | 543.8                 | 0.00                  | 0.00                 | 0.00                |
| 3,560.0             | 14.60           | 302.73      | 3,493.0             | 299.5      | -466.0     | 553.9                 | 0.00                  | 0.00                 | 0.00                |
| 3,600.0             | 14.60           | 302.73      | 3,531.7             | 304.9      | -474.5     | 564.0                 | 0.00                  | 0.00                 | 0.00                |
| 3,640.0             | 14.60           | 302.73      | 3,570.4             | 310.4      | -483.0     | 574.1                 | 0.00                  | 0.00                 | 0.00                |
| 3,680.0             | 14.60           | 302.73      | 3,609.1             | 315.8      | -491.4     | 584.2                 | 0.00                  | 0.00                 | 0.00                |
| 3,720.0             | 14.60           | 302.73      | 3,647.8             | 321.3      | -499.9     | 594.3                 | 0.00                  | 0.00                 | 0.00                |
| 3,760.0             | 14.60           | 302.73      | 3,686.5             | 326.7      | -508.4     | 604.3                 | 0.00                  | 0.00                 | 0.00                |
| 3,800.0             | 14.60           | 302.73      | 3,725.2             | 332.2      | -516.9     | 614.4                 | 0.00                  | 0.00                 | 0.00                |
| 3,840.0             | 14.60           | 302.73      | 3,764.0             | 337.6      | -525.4     | 624.5                 | 0.00                  | 0.00                 | 0.00                |
| 3,880.0             | 14.60           | 302.73      | 3,802.7             | 343.1      | -533.9     | 634.6                 | 0.00                  | 0.00                 | 0.00                |
| 3,920.0             | 14.60           | 302.73      | 3,841.4             | 348.5      | -542.3     | 644.7                 | 0.00                  | 0.00                 | 0.00                |
| 3,960.0             | 14.60           | 302.73      | 3,880.1             | 354.0      | -550.8     | 654.8                 | 0.00                  | 0.00                 | 0.00                |
| 4,000.0             | 14.60           | 302.73      | 3,918.8             | 359.4      | -559.3     | 664.9                 | 0.00                  | 0.00                 | 0.00                |
| 4,040.0             | 14.60           | 302.73      | 3,957.5             | 364.9      | -567.8     | 674.9                 | 0.00                  | 0.00                 | 0.00                |
| 4,080.0             | 14.60           | 302.73      | 3,996.2             | 370.4      | -576.3     | 685.0                 | 0.00                  | 0.00                 | 0.00                |
| 4,120.0             | 14.60           | 302.73      | 4,034.9             | 375.8      | -584.8     | 695.1                 | 0.00                  | 0.00                 | 0.00                |
| 4,160.0             | 14.60           | 302.73      | 4,073.6             | 381.3      | -593.2     | 705.2                 | 0.00                  | 0.00                 | 0.00                |

|                  |                                    |                                     |                                      |
|------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Company:</b>  | BAYSWATER EXPLORATION & PRODUCTION | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Project:</b>  | SEC. 3-T6N-R65W                    | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site:</b>     | NOCO ENERGIE 6-3 PAD               | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                                      |
| <b>Design:</b>   | Plan 1 July 23, 2010               |                                     |                                      |

| Planned 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) |
| 4,200.0                 | 14.60           | 302.73      | 4,112.3             | 386.7      | -601.7     | 715.3                 | 0.00                  | 0.00                 | 0.00                |
| 4,240.0                 | 14.60           | 302.73      | 4,151.0             | 392.2      | -610.2     | 725.4                 | 0.00                  | 0.00                 | 0.00                |
| 4,280.0                 | 14.60           | 302.73      | 4,189.7             | 397.6      | -618.7     | 735.5                 | 0.00                  | 0.00                 | 0.00                |
| 4,320.0                 | 14.60           | 302.73      | 4,228.4             | 403.1      | -627.2     | 745.5                 | 0.00                  | 0.00                 | 0.00                |
| 4,360.0                 | 14.60           | 302.73      | 4,267.2             | 408.5      | -635.7     | 755.6                 | 0.00                  | 0.00                 | 0.00                |
| 4,400.0                 | 14.60           | 302.73      | 4,305.9             | 414.0      | -644.2     | 765.7                 | 0.00                  | 0.00                 | 0.00                |
| 4,440.0                 | 14.60           | 302.73      | 4,344.6             | 419.4      | -652.6     | 775.8                 | 0.00                  | 0.00                 | 0.00                |
| 4,480.0                 | 14.60           | 302.73      | 4,383.3             | 424.9      | -661.1     | 785.9                 | 0.00                  | 0.00                 | 0.00                |
| 4,520.0                 | 14.60           | 302.73      | 4,422.0             | 430.3      | -669.6     | 796.0                 | 0.00                  | 0.00                 | 0.00                |
| 4,560.0                 | 14.60           | 302.73      | 4,460.7             | 435.8      | -678.1     | 806.1                 | 0.00                  | 0.00                 | 0.00                |
| 4,600.0                 | 14.60           | 302.73      | 4,499.4             | 441.2      | -686.6     | 816.1                 | 0.00                  | 0.00                 | 0.00                |
| 4,640.0                 | 14.60           | 302.73      | 4,538.1             | 446.7      | -695.1     | 826.2                 | 0.00                  | 0.00                 | 0.00                |
| 4,680.0                 | 14.60           | 302.73      | 4,576.8             | 452.1      | -703.5     | 836.3                 | 0.00                  | 0.00                 | 0.00                |
| 4,720.0                 | 14.60           | 302.73      | 4,615.5             | 457.6      | -712.0     | 846.4                 | 0.00                  | 0.00                 | 0.00                |
| 4,760.0                 | 14.60           | 302.73      | 4,654.2             | 463.0      | -720.5     | 856.5                 | 0.00                  | 0.00                 | 0.00                |
| 4,800.0                 | 14.60           | 302.73      | 4,692.9             | 468.5      | -729.0     | 866.6                 | 0.00                  | 0.00                 | 0.00                |
| 4,840.0                 | 14.60           | 302.73      | 4,731.6             | 474.0      | -737.5     | 876.6                 | 0.00                  | 0.00                 | 0.00                |
| 4,880.0                 | 14.60           | 302.73      | 4,770.4             | 479.4      | -746.0     | 886.7                 | 0.00                  | 0.00                 | 0.00                |
| 4,887.6                 | 14.60           | 302.73      | 4,777.7             | 480.4      | -747.6     | 888.6                 | 0.00                  | 0.00                 | 0.00                |
| 4,920.0                 | 13.96           | 302.73      | 4,809.1             | 484.8      | -754.3     | 896.6                 | 2.00                  | -2.00                | 0.00                |
| 4,960.0                 | 13.16           | 302.73      | 4,848.0             | 489.8      | -762.2     | 906.0                 | 2.00                  | -2.00                | 0.00                |
| 5,000.0                 | 12.36           | 302.73      | 4,887.0             | 494.6      | -769.6     | 914.8                 | 2.00                  | -2.00                | 0.00                |
| 5,040.0                 | 11.56           | 302.73      | 4,926.1             | 499.1      | -776.6     | 923.1                 | 2.00                  | -2.00                | 0.00                |
| 5,080.0                 | 10.76           | 302.73      | 4,965.4             | 503.3      | -783.1     | 930.9                 | 2.00                  | -2.00                | 0.00                |
| 5,120.0                 | 9.96            | 302.73      | 5,004.7             | 507.2      | -789.2     | 938.1                 | 2.00                  | -2.00                | 0.00                |
| 5,160.0                 | 9.16            | 302.73      | 5,044.2             | 510.7      | -794.7     | 944.7                 | 2.00                  | -2.00                | 0.00                |
| 5,200.0                 | 8.36            | 302.73      | 5,083.7             | 514.0      | -799.9     | 950.8                 | 2.00                  | -2.00                | 0.00                |
| 5,240.0                 | 7.56            | 302.73      | 5,123.3             | 517.0      | -804.5     | 956.3                 | 2.00                  | -2.00                | 0.00                |
| 5,280.0                 | 6.76            | 302.73      | 5,163.0             | 519.7      | -808.7     | 961.3                 | 2.00                  | -2.00                | 0.00                |
| 5,320.0                 | 5.96            | 302.73      | 5,202.8             | 522.1      | -812.4     | 965.7                 | 2.00                  | -2.00                | 0.00                |
| 5,360.0                 | 5.16            | 302.73      | 5,242.6             | 524.2      | -815.7     | 969.6                 | 2.00                  | -2.00                | 0.00                |
| 5,400.0                 | 4.36            | 302.73      | 5,282.4             | 526.0      | -818.5     | 972.9                 | 2.00                  | -2.00                | 0.00                |
| 5,440.0                 | 3.56            | 302.73      | 5,322.3             | 527.5      | -820.8     | 975.7                 | 2.00                  | -2.00                | 0.00                |
| 5,480.0                 | 2.76            | 302.73      | 5,362.3             | 528.7      | -822.7     | 977.9                 | 2.00                  | -2.00                | 0.00                |
| 5,520.0                 | 1.96            | 302.73      | 5,402.2             | 529.6      | -824.0     | 979.5                 | 2.00                  | -2.00                | 0.00                |
| 5,560.0                 | 1.16            | 302.73      | 5,442.2             | 530.2      | -824.9     | 980.6                 | 2.00                  | -2.00                | 0.00                |
| 5,600.0                 | 0.36            | 302.73      | 5,482.2             | 530.4      | -825.4     | 981.1                 | 2.00                  | -2.00                | 0.00                |
| 5,617.8                 | 0.00            | 0.00        | 5,500.0             | 530.5      | -825.4     | 981.2                 | 2.00                  | -2.00                | 0.00                |
| <b>DRILL TARGET 4-3</b> |                 |             |                     |            |            |                       |                       |                      |                     |
| 5,640.0                 | 0.00            | 0.00        | 5,522.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,680.0                 | 0.00            | 0.00        | 5,562.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,720.0                 | 0.00            | 0.00        | 5,602.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,760.0                 | 0.00            | 0.00        | 5,642.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,800.0                 | 0.00            | 0.00        | 5,682.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,840.0                 | 0.00            | 0.00        | 5,722.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,880.0                 | 0.00            | 0.00        | 5,762.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,920.0                 | 0.00            | 0.00        | 5,802.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 5,960.0                 | 0.00            | 0.00        | 5,842.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,000.0                 | 0.00            | 0.00        | 5,882.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,040.0                 | 0.00            | 0.00        | 5,922.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,080.0                 | 0.00            | 0.00        | 5,962.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,120.0                 | 0.00            | 0.00        | 6,002.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,160.0                 | 0.00            | 0.00        | 6,042.2             | 530.5      | -825.4     | 981.2                 | 0.00                  | 0.00                 | 0.00                |

|                  |                                    |                                     |                                      |
|------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | Landmark                           | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Company:</b>  | BAYSWATER EXPLORATION & PRODUCTION | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Project:</b>  | SEC. 3-T6N-R65W                    | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site:</b>     | NOCO ENERGIE 6-3 PAD               | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | Wellbore #1                        |                                     |                                      |
| <b>Design:</b>   | Plan 1 July 23, 2010               |                                     |                                      |

## Planned 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) |
|----------------------|-----------------|-------------|---------------------|-----------|-----------|-----------------------|-----------------------|----------------------|---------------------|
| 6,200.0              | 0.00            | 0.00        | 6,082.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,240.0              | 0.00            | 0.00        | 6,122.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,280.0              | 0.00            | 0.00        | 6,162.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,320.0              | 0.00            | 0.00        | 6,202.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,360.0              | 0.00            | 0.00        | 6,242.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,400.0              | 0.00            | 0.00        | 6,282.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,440.0              | 0.00            | 0.00        | 6,322.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,480.0              | 0.00            | 0.00        | 6,362.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,520.0              | 0.00            | 0.00        | 6,402.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,560.0              | 0.00            | 0.00        | 6,442.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,600.0              | 0.00            | 0.00        | 6,482.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,640.0              | 0.00            | 0.00        | 6,522.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,680.0              | 0.00            | 0.00        | 6,562.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,720.0              | 0.00            | 0.00        | 6,602.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,760.0              | 0.00            | 0.00        | 6,642.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,800.0              | 0.00            | 0.00        | 6,682.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,840.0              | 0.00            | 0.00        | 6,722.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,880.0              | 0.00            | 0.00        | 6,762.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,920.0              | 0.00            | 0.00        | 6,802.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,960.0              | 0.00            | 0.00        | 6,842.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 6,966.8              | 0.00            | 0.00        | 6,849.0             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| BHT 545'FNL, 536'FWL |                 |             |                     |           |           |                       |                       |                      |                     |
| 7,000.0              | 0.00            | 0.00        | 6,882.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,040.0              | 0.00            | 0.00        | 6,922.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,080.0              | 0.00            | 0.00        | 6,962.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,120.0              | 0.00            | 0.00        | 7,002.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,160.0              | 0.00            | 0.00        | 7,042.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,200.0              | 0.00            | 0.00        | 7,082.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,240.0              | 0.00            | 0.00        | 7,122.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,280.0              | 0.00            | 0.00        | 7,162.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,320.0              | 0.00            | 0.00        | 7,202.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,360.0              | 0.00            | 0.00        | 7,242.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,400.0              | 0.00            | 0.00        | 7,282.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,440.0              | 0.00            | 0.00        | 7,322.2             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |
| 7,476.8              | 0.00            | 0.00        | 7,359.0             | 530.5     | -825.4    | 981.2                 | 0.00                  | 0.00                 | 0.00                |

## Targets

| Target Name   | Dip Angle | Dip Dir. | TVD     | +N/-S | +E/-W  | Northing     | Easting      | Latitude  | Longitude   |
|---|-----------|----------|---------|-------|--------|--------------|--------------|-----------|-------------|
| - hit/miss target   | (°)       | (°)      | (ft)    | (ft)  | (ft)   | (ft)         | (ft)         |           |             |
| - Shape   |           |          |         |       |        |              |              |           |             |
| BHT 545'FNL, 536'FW<br>- plan hits target<br>- Circle (radius 75.0) | 0.00      | 0.00     | 6,849.0 | 530.5 | -825.4 | 1,434,080.38 | 3,234,408.08 | 40.521892 | -104.656822 |
| DRILL TARGET 4-3<br>- plan hits target<br>- Point                   | 0.00      | 0.00     | 5,500.0 | 530.5 | -825.4 | 1,434,080.35 | 3,234,408.04 | 40.521892 | -104.656822 |



# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC. 3-T6N-R65W  
NOCO ENERGIE 6-3 PAD  
NOCO ENERGIE 4-3**

**Wellbore #1  
Plan 1 July 23, 2010**

## **Anticollision Report**

**26 July, 2010**



|                           |                                    |                                     |                                      |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | BAYSWATER EXPLORATION & PRODUCTION | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Project:</b>           | SEC. 3-T6N-R65W                    | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | NOCO ENERGIE 6-3 PAD               | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                             |
| <b>Reference Design:</b>  | Plan 1 July 23, 2010               | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                     |   |                       |                     |
|-------------------------------------|---|-----------------------|---------------------|
| <b>Reference</b>                    | Plan 1 July 23, 2010  |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | Stations  | <b>Error Model:</b>   | ISCWSA              |
| <b>Depth Range:</b>                 | Unlimited   | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 10,000.0ft                        | <b>Error Surface:</b> | Elliptical Conic    |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma  |                       |                     |

|                            |                |                                    |                  |                    |
|----------------------------|----------------|------------------------------------|------------------|--------------------|
| <b>Survey Tool Program</b> | <b>Date</b>    | 7/23/2010                          |                  |                    |
| <b>From (ft)</b>           | <b>To (ft)</b> | <b>Survey (Wellbore)</b>           | <b>Tool Name</b> | <b>Description</b> |
| 0.0                        | 7,476.8        | Plan 1 July 23, 2010 (Wellbore #1) | MWD              | MWD - Standard     |

|   |                                      |                                   |                                      |                          |                |        |
|---|--------------------------------------|-----------------------------------|--------------------------------------|--------------------------|----------------|--------|
| <b>Summary</b>                                    |                                      |                                   |                                      |                          |                |        |
| <b>Site Name</b>                                  | <b>Reference Measured Depth (ft)</b> | <b>Offset Measured Depth (ft)</b> | <b>Distance Between Centres (ft)</b> | <b>Separation Factor</b> | <b>Warning</b> |        |
| <b>Offset Well - Wellbore - Design</b>            |                                      |                                   |                                      |                          |                |        |
| NOCO ENERGIE 6-3 PAD                              |                                      |                                   |                                      |                          |                |        |
| NOCO ENERGIE 3-3 - Wellbore #1 - PLAN #2 JUNE 23, | 1,000.0                              | 999.0                             | 15.3                                 | 11.0                     | 3.586          | CC, ES |
| NOCO ENERGIE 3-3 - Wellbore #1 - PLAN #2 JUNE 23, | 1,100.0                              | 1,099.0                           | 16.3                                 | 11.6                     | 3.452          | SF     |

| Offset Design   |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Site Error: |         |
|---|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|--------------------|-------------------|--------------------|---------|
| NOCO ENERGIE 6-3 PAD - NOCO ENERGIE 3-3 - Wellbore #1 - PLAN #2 JUNE 23, 2010 |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | 0.0 ft             |         |
| Survey Program: 0-MWD   |                |                |                |                 |        |                   |                        |            |                 |                  |                    |                   | Offset Well Error: |         |
| Reference   |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                    |                   |                    | Warning |
| Measured Depth  | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Minimum Separation | Separation Factor |                    |         |
| (ft)  | (ft)           | (ft)           | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | (ft)               |                   |                    |         |
| 0.0   | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | -177.92           | -15.3                  | -0.6       | 15.3            | 15.3             | 0.00               | N/A               |                    |         |
| 100.0   | 100.0          | 99.0           | 99.0           | 0.1             | 0.1    | -177.92           | -15.3                  | -0.6       | 15.3            | 15.1             | 0.22               | 68.446            |                    |         |
| 200.0   | 200.0          | 199.0          | 199.0          | 0.3             | 0.3    | -177.92           | -15.3                  | -0.6       | 15.3            | 14.6             | 0.67               | 22.777            |                    |         |
| 300.0   | 300.0          | 299.0          | 299.0          | 0.6             | 0.6    | -177.92           | -15.3                  | -0.6       | 15.3            | 14.2             | 1.12               | 13.648            |                    |         |
| 400.0   | 400.0          | 399.0          | 399.0          | 0.8             | 0.8    | -177.92           | -15.3                  | -0.6       | 15.3            | 13.7             | 1.57               | 9.743             |                    |         |
| 500.0   | 500.0          | 499.0          | 499.0          | 1.0             | 1.0    | -177.92           | -15.3                  | -0.6       | 15.3            | 13.3             | 2.02               | 7.576             |                    |         |
| 600.0   | 600.0          | 599.0          | 599.0          | 1.2             | 1.2    | -177.92           | -15.3                  | -0.6       | 15.3            | 12.8             | 2.47               | 6.197             |                    |         |
| 700.0   | 700.0          | 699.0          | 699.0          | 1.5             | 1.5    | -177.92           | -15.3                  | -0.6       | 15.3            | 12.4             | 2.92               | 5.243             |                    |         |
| 800.0   | 800.0          | 799.0          | 799.0          | 1.7             | 1.7    | -177.92           | -15.3                  | -0.6       | 15.3            | 11.9             | 3.37               | 4.543             |                    |         |
| 900.0   | 900.0          | 899.0          | 899.0          | 1.9             | 1.9    | -177.92           | -15.3                  | -0.6       | 15.3            | 11.5             | 3.82               | 4.008             |                    |         |
| 1,000.0   | 1,000.0        | 999.0          | 999.0          | 2.1             | 2.1    | -177.92           | -15.3                  | -0.6       | 15.3            | 11.0             | 4.27               | 3.586 CC, ES      |                    |         |
| 1,100.0   | 1,100.0        | 1,099.0        | 1,099.0        | 2.4             | 2.4    | -125.92           | -15.3                  | -0.6       | 16.3            | 11.6             | 4.71               | 3.452 SF          |                    |         |
| 1,200.0   | 1,199.8        | 1,198.8        | 1,198.8        | 2.6             | 2.6    | -138.23           | -15.3                  | -0.6       | 19.8            | 14.6             | 5.15               | 3.843             |                    |         |
| 1,300.0   | 1,299.5        | 1,298.5        | 1,298.5        | 2.8             | 2.8    | -154.21           | -14.3                  | 0.8        | 26.8            | 21.2             | 5.58               | 4.805             |                    |         |
| 1,400.0   | 1,398.7        | 1,397.3        | 1,397.1        | 3.1             | 3.0    | -169.64           | -11.5                  | 5.1        | 39.0            | 33.0             | 6.00               | 6.503             |                    |         |
| 1,500.0   | 1,497.5        | 1,494.6        | 1,494.1        | 3.3             | 3.2    | 179.25            | -6.8                   | 12.0       | 57.4            | 50.9             | 6.41               | 8.946             |                    |         |
| 1,600.0   | 1,595.6        | 1,590.0        | 1,588.8        | 3.6             | 3.5    | 171.83            | -0.5                   | 21.4       | 81.8            | 75.0             | 6.83               | 11.975            |                    |         |
| 1,700.0   | 1,693.1        | 1,683.2        | 1,680.9        | 4.0             | 3.7    | 166.79            | 7.5                    | 33.1       | 112.2           | 104.9            | 7.27               | 15.423            |                    |         |
| 1,730.2   | 1,722.3        | 1,710.9        | 1,708.2        | 4.1             | 3.8    | 165.58            | 10.1                   | 37.1       | 122.4           | 115.0            | 7.41               | 16.526            |                    |         |
| 1,800.0   | 1,789.9        | 1,774.1        | 1,770.2        | 4.4             | 4.0    | 163.26            | 16.8                   | 47.0       | 147.2           | 139.5            | 7.75               | 18.987            |                    |         |
| 1,900.0   | 1,886.6        | 1,864.4        | 1,858.5        | 4.9             | 4.3    | 160.45            | 27.5                   | 62.9       | 184.6           | 176.3            | 8.27               | 22.308            |                    |         |
| 2,000.0   | 1,983.4        | 1,956.6        | 1,948.4        | 5.3             | 4.6    | 158.41            | 38.8                   | 79.6       | 222.6           | 213.8            | 8.81               | 25.261            |                    |         |
| 2,100.0   | 2,080.2        | 2,048.8        | 2,038.4        | 5.8             | 4.9    | 156.96            | 50.1                   | 96.4       | 260.8           | 251.5            | 9.37               | 27.849            |                    |         |
| 2,200.0   | 2,176.9        | 2,141.1        | 2,128.4        | 6.3             | 5.3    | 155.89            | 61.5                   | 113.1      | 299.2           | 289.2            | 9.94               | 30.107            |                    |         |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                                      |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
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| <b>Project:</b>           | SEC. 3-T6N-R65W                    | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | NOCO ENERGIE 6-3 PAD               | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                             |
| <b>Reference Design:</b>  | Plan 1 July 23, 2010               | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design NOCO ENERGIE 6-3 PAD - NOCO ENERGIE 3-3 - Wellbore #1 - PLAN #2 JUNE 23, 2010 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Site Error: | 0.0 ft  |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|-------------------|--------------------|---------|
| Survey Program: 0-MWD   |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         |                   | Offset Well Error: | 0.0 ft  |
| Reference   |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |                   |                    | Warning |
| Measured Depth (ft)   | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor |                    |         |
| 2,300.0   | 2,273.7             | 2,233.3             | 2,218.4             | 6.8             | 5.7         | 155.05                | 72.8                              | 129.9      | 337.6                | 327.1                 | 10.52                   | 32.099            |                    |         |
| 2,400.0   | 2,370.5             | 2,325.5             | 2,308.4             | 7.2             | 6.0         | 154.39                | 84.1                              | 146.7      | 376.0                | 364.9                 | 11.11                   | 33.854            |                    |         |
| 2,500.0   | 2,467.2             | 2,417.8             | 2,398.4             | 7.8             | 6.4         | 153.85                | 95.4                              | 163.4      | 414.5                | 402.8                 | 11.71                   | 35.410            |                    |         |
| 2,600.0   | 2,564.0             | 2,510.0             | 2,488.4             | 8.3             | 6.8         | 153.40                | 106.7                             | 180.2      | 453.0                | 440.7                 | 12.31                   | 36.793            |                    |         |
| 2,700.0   | 2,660.8             | 2,602.2             | 2,578.4             | 8.8             | 7.2         | 153.02                | 118.0                             | 196.9      | 491.6                | 478.6                 | 12.93                   | 38.030            |                    |         |
| 2,800.0   | 2,757.6             | 2,694.5             | 2,668.4             | 9.3             | 7.6         | 152.70                | 129.3                             | 213.7      | 530.1                | 516.6                 | 13.54                   | 39.140            |                    |         |
| 2,900.0   | 2,854.3             | 2,786.7             | 2,758.3             | 9.8             | 8.0         | 152.42                | 140.7                             | 230.5      | 568.7                | 554.5                 | 14.17                   | 40.140            |                    |         |
| 3,000.0   | 2,951.1             | 2,878.9             | 2,848.3             | 10.3            | 8.4         | 152.18                | 152.0                             | 247.2      | 607.3                | 592.5                 | 14.80                   | 41.044            |                    |         |
| 3,100.0   | 3,047.9             | 2,971.2             | 2,938.3             | 10.8            | 8.8         | 151.96                | 163.3                             | 264.0      | 645.8                | 630.4                 | 15.43                   | 41.866            |                    |         |
| 3,200.0   | 3,144.6             | 3,063.4             | 3,028.3             | 11.4            | 9.3         | 151.77                | 174.6                             | 280.7      | 684.4                | 668.4                 | 16.06                   | 42.615            |                    |         |
| 3,300.0   | 3,241.4             | 3,155.6             | 3,118.3             | 11.9            | 9.7         | 151.60                | 185.9                             | 297.5      | 723.0                | 706.3                 | 16.70                   | 43.299            |                    |         |
| 3,400.0   | 3,338.2             | 3,247.8             | 3,208.3             | 12.4            | 10.1        | 151.45                | 197.2                             | 314.3      | 761.6                | 744.3                 | 17.34                   | 43.927            |                    |         |
| 3,500.0   | 3,434.9             | 3,340.1             | 3,298.3             | 12.9            | 10.5        | 151.31                | 208.5                             | 331.0      | 800.2                | 782.2                 | 17.98                   | 44.505            |                    |         |
| 3,600.0   | 3,531.7             | 3,432.3             | 3,388.3             | 13.5            | 10.9        | 151.18                | 219.9                             | 347.8      | 838.8                | 820.2                 | 18.62                   | 45.038            |                    |         |
| 3,700.0   | 3,628.5             | 3,524.5             | 3,478.3             | 14.0            | 11.3        | 151.07                | 231.2                             | 364.5      | 877.4                | 858.2                 | 19.27                   | 45.531            |                    |         |
| 3,800.0   | 3,725.2             | 3,616.8             | 3,568.2             | 14.5            | 11.8        | 150.96                | 242.5                             | 381.3      | 916.0                | 896.1                 | 19.92                   | 45.988            |                    |         |
| 3,900.0   | 3,822.0             | 3,709.0             | 3,658.2             | 15.1            | 12.2        | 150.87                | 253.8                             | 398.1      | 954.7                | 934.1                 | 20.57                   | 46.413            |                    |         |
| 4,000.0   | 3,918.8             | 3,801.2             | 3,748.2             | 15.6            | 12.6        | 150.78                | 265.1                             | 414.8      | 993.3                | 972.1                 | 21.22                   | 46.809            |                    |         |
| 4,100.0   | 4,015.6             | 3,893.5             | 3,838.2             | 16.1            | 13.0        | 150.70                | 276.4                             | 431.6      | 1,031.9              | 1,010.0               | 21.87                   | 47.178            |                    |         |
| 4,200.0   | 4,112.3             | 3,985.7             | 3,928.2             | 16.7            | 13.5        | 150.62                | 287.7                             | 448.3      | 1,070.5              | 1,048.0               | 22.53                   | 47.524            |                    |         |
| 4,300.0   | 4,209.1             | 4,077.9             | 4,018.2             | 17.2            | 13.9        | 150.55                | 299.1                             | 465.1      | 1,109.1              | 1,086.0               | 23.18                   | 47.847            |                    |         |
| 4,400.0   | 4,305.9             | 4,170.2             | 4,108.2             | 17.7            | 14.3        | 150.48                | 310.4                             | 481.9      | 1,147.8              | 1,123.9               | 23.84                   | 48.151            |                    |         |
| 4,500.0   | 4,402.6             | 4,262.4             | 4,198.2             | 18.3            | 14.7        | 150.42                | 321.7                             | 498.6      | 1,186.4              | 1,161.9               | 24.49                   | 48.437            |                    |         |
| 4,600.0   | 4,499.4             | 4,354.6             | 4,288.2             | 18.8            | 15.2        | 150.36                | 333.0                             | 515.4      | 1,225.0              | 1,199.9               | 25.15                   | 48.706            |                    |         |
| 4,700.0   | 4,596.2             | 4,446.9             | 4,378.1             | 19.3            | 15.6        | 150.31                | 344.3                             | 532.1      | 1,263.6              | 1,237.8               | 25.81                   | 48.960            |                    |         |
| 4,800.0   | 4,692.9             | 4,539.1             | 4,468.1             | 19.9            | 16.0        | 150.26                | 355.6                             | 548.9      | 1,302.3              | 1,275.8               | 26.47                   | 49.200            |                    |         |
| 4,887.6   | 4,777.7             | 4,619.9             | 4,546.9             | 20.3            | 16.4        | 150.21                | 365.5                             | 563.6      | 1,336.1              | 1,309.0               | 27.05                   | 49.399            |                    |         |
| 4,900.0   | 4,789.7             | 4,631.3             | 4,558.1             | 20.4            | 16.5        | 150.26                | 366.9                             | 565.7      | 1,340.9              | 1,313.7               | 27.14                   | 49.405            |                    |         |
| 5,000.0   | 4,887.0             | 4,724.3             | 4,648.8             | 20.8            | 16.9        | 150.56                | 378.3                             | 582.5      | 1,377.7              | 1,349.9               | 27.85                   | 49.466            |                    |         |
| 5,100.0   | 4,985.0             | 4,818.2             | 4,740.5             | 21.1            | 17.3        | 150.75                | 389.9                             | 599.6      | 1,411.8              | 1,383.2               | 28.53                   | 49.476            |                    |         |
| 5,200.0   | 5,083.7             | 4,913.1             | 4,833.0             | 21.4            | 17.8        | 150.84                | 401.5                             | 616.9      | 1,442.9              | 1,413.8               | 29.18                   | 49.442            |                    |         |
| 5,300.0   | 5,182.9             | 5,008.7             | 4,926.3             | 21.7            | 18.2        | 150.84                | 413.2                             | 634.2      | 1,471.2              | 1,441.4               | 29.80                   | 49.371            |                    |         |
| 5,400.0   | 5,282.4             | 5,105.1             | 5,020.3             | 21.9            | 18.7        | 150.75                | 425.0                             | 651.7      | 1,496.6              | 1,466.3               | 30.38                   | 49.268            |                    |         |
| 5,500.0   | 5,382.3             | 5,201.9             | 5,114.8             | 22.1            | 19.1        | 150.58                | 436.9                             | 669.3      | 1,519.1              | 1,488.2               | 30.92                   | 49.139            |                    |         |
| 5,600.0   | 5,482.2             | 5,328.8             | 5,238.8             | 22.2            | 19.7        | 150.20                | 452.0                             | 691.7      | 1,538.4              | 1,506.9               | 31.48                   | 48.867            |                    |         |
| 5,617.8   | 5,500.0             | 5,359.6             | 5,269.0             | 22.2            | 19.8        | 92.83                 | 455.3                             | 696.6      | 1,541.2              | 1,509.6               | 31.59                   | 48.789            |                    |         |
| 5,700.0   | 5,582.2             | 5,503.3             | 5,410.9             | 22.3            | 20.2        | 92.31                 | 468.2                             | 715.7      | 1,551.8              | 1,519.7               | 32.08                   | 48.372            |                    |         |
| 5,800.0   | 5,682.2             | 5,680.8             | 5,587.4             | 22.4            | 20.6        | 91.91                 | 478.7                             | 731.2      | 1,560.3              | 1,527.7               | 32.62                   | 47.836            |                    |         |
| 5,900.0   | 5,782.2             | 5,860.0             | 5,766.3             | 22.5            | 20.9        | 91.74                 | 483.0                             | 737.6      | 1,563.8              | 1,530.7               | 33.08                   | 47.273            |                    |         |
| 6,000.0   | 5,882.2             | 5,974.9             | 5,881.2             | 22.7            | 21.0        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,530.5               | 33.42                   | 46.793            |                    |         |
| 6,100.0   | 5,982.2             | 6,074.9             | 5,981.2             | 22.8            | 21.2        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,530.2               | 33.74                   | 46.345            |                    |         |
| 6,200.0   | 6,082.2             | 6,174.9             | 6,081.2             | 22.9            | 21.3        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,529.8               | 34.07                   | 45.901            |                    |         |
| 6,300.0   | 6,182.2             | 6,274.9             | 6,181.2             | 23.0            | 21.4        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,529.5               | 34.40                   | 45.462            |                    |         |
| 6,400.0   | 6,282.2             | 6,374.9             | 6,281.2             | 23.2            | 21.6        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,529.2               | 34.73                   | 45.027            |                    |         |
| 6,500.0   | 6,382.2             | 6,474.9             | 6,381.2             | 23.3            | 21.7        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,528.8               | 35.07                   | 44.598            |                    |         |
| 6,600.0   | 6,482.2             | 6,574.9             | 6,481.2             | 23.4            | 21.9        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,528.5               | 35.40                   | 44.174            |                    |         |
| 6,700.0   | 6,582.2             | 6,674.9             | 6,581.2             | 23.6            | 22.0        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,528.2               | 35.74                   | 43.754            |                    |         |
| 6,800.0   | 6,682.2             | 6,774.9             | 6,681.2             | 23.7            | 22.1        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,527.8               | 36.08                   | 43.340            |                    |         |
| 6,900.0   | 6,782.2             | 6,874.9             | 6,781.2             | 23.8            | 22.3        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,527.5               | 36.43                   | 42.930            |                    |         |
| 7,000.0   | 6,882.2             | 6,974.9             | 6,881.2             | 24.0            | 22.4        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,527.1               | 36.78                   | 42.526            |                    |         |
| 7,100.0   | 6,982.2             | 7,074.9             | 6,981.2             | 24.1            | 22.6        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,526.8               | 37.12                   | 42.126            |                    |         |

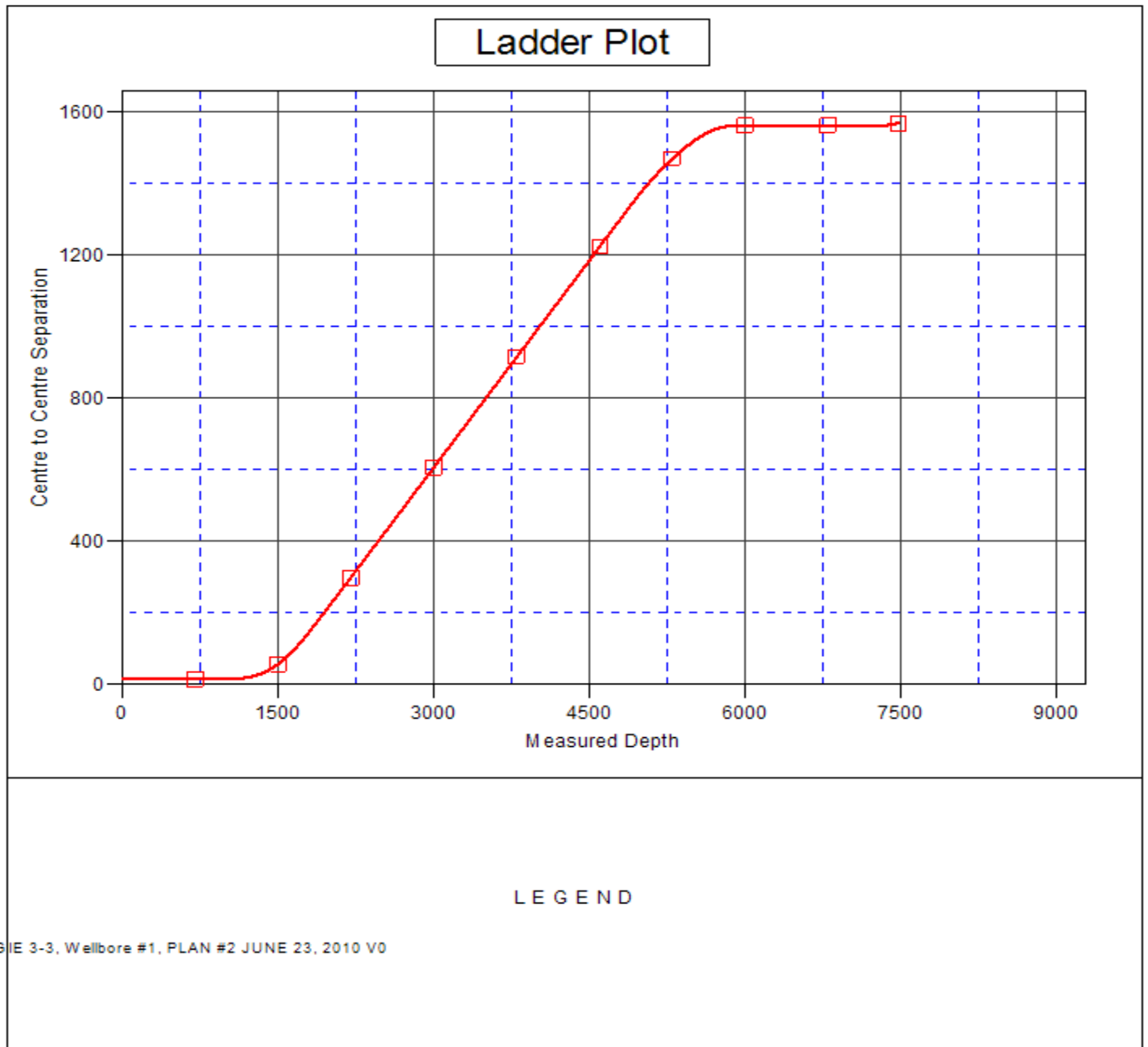
CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

|                           |                                    |                                     |                                      |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | BAYSWATER EXPLORATION & PRODUCTION | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Project:</b>           | SEC. 3-T6N-R65W                    | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | NOCO ENERGIE 6-3 PAD               | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                             |
| <b>Reference Design:</b>  | Plan 1 July 23, 2010               | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design       |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | NOCO ENERGIE 6-3 PAD - NOCO ENERGIE 3-3 - Wellbore #1 - PLAN #2 JUNE 23, 2010 |  | Offset Site Error: |  | 0.0 ft |  |
|---------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|-------------------------|---|--|--------------------|--|--------|--|
| Survey Program:     |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                         | 0-MWD   |  | Offset Well Error: |  | 0.0 ft |  |
| Reference           |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                         |   |  | Warning            |  |        |  |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft)  | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Minimum Separation (ft) | Separation Factor   |  |                    |  |        |  |
| 7,200.0             | 7,082.2             | 7,174.9             | 7,081.2             | 24.3            | 22.7        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,526.4               | 37.47                   | 41.732  |  |                    |  |        |  |
| 7,300.0             | 7,182.2             | 7,274.9             | 7,181.2             | 24.4            | 22.9        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,526.1               | 37.83                   | 41.343  |  |                    |  |        |  |
| 7,320.2             | 7,202.4             | 7,295.1             | 7,201.4             | 24.4            | 22.9        | 91.74                 | 483.1                             | 737.7      | 1,563.9              | 1,526.0               | 37.90                   | 41.265  |  |                    |  |        |  |
| 7,400.0             | 7,282.2             | 7,316.7             | 7,223.0             | 24.5            | 22.9        | 91.74                 | 483.1                             | 737.7      | 1,565.0              | 1,526.9               | 38.08                   | 41.098  |  |                    |  |        |  |
| 7,476.8             | 7,359.0             | 7,316.7             | 7,223.0             | 24.6            | 22.9        | 91.74                 | 483.1                             | 737.7      | 1,569.7              | 1,531.5               | 38.22                   | 41.075  |  |                    |  |        |  |

|                           |                                    |                                     |                                      |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | BAYSWATER EXPLORATION & PRODUCTION | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Project:</b>           | SEC. 3-T6N-R65W                    | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | NOCO ENERGIE 6-3 PAD               | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                             |
| <b>Reference Design:</b>  | Plan 1 July 23, 2010               | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to WELL @ 4792.0ft (Original Well Elev) Coordinates are relative to: NOCO ENERGIE 4-3  
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone  
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.55°



|                           |                                    |                                     |                                      |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | BAYSWATER EXPLORATION & PRODUCTION | <b>Local Co-ordinate Reference:</b> | Well NOCO ENERGIE 4-3                |
| <b>Project:</b>           | SEC. 3-T6N-R65W                    | <b>TVD Reference:</b>               | WELL @ 4792.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | NOCO ENERGIE 6-3 PAD               | <b>MD Reference:</b>                | WELL @ 4792.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                              | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NOCO ENERGIE 4-3                   | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Well Error:</b>        | 0.0ft                              | <b>Output errors are at</b>         | 2.00 sigma                           |
| <b>Reference Wellbore</b> | Wellbore #1                        | <b>Database:</b>                    | Landmark                             |
| <b>Reference Design:</b>  | Plan 1 July 23, 2010               | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to WELL @ 4792.0ft (Original Well Elev) Coordinates are relative to: NOCO ENERGIE 4-3  
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone  
Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.55°

