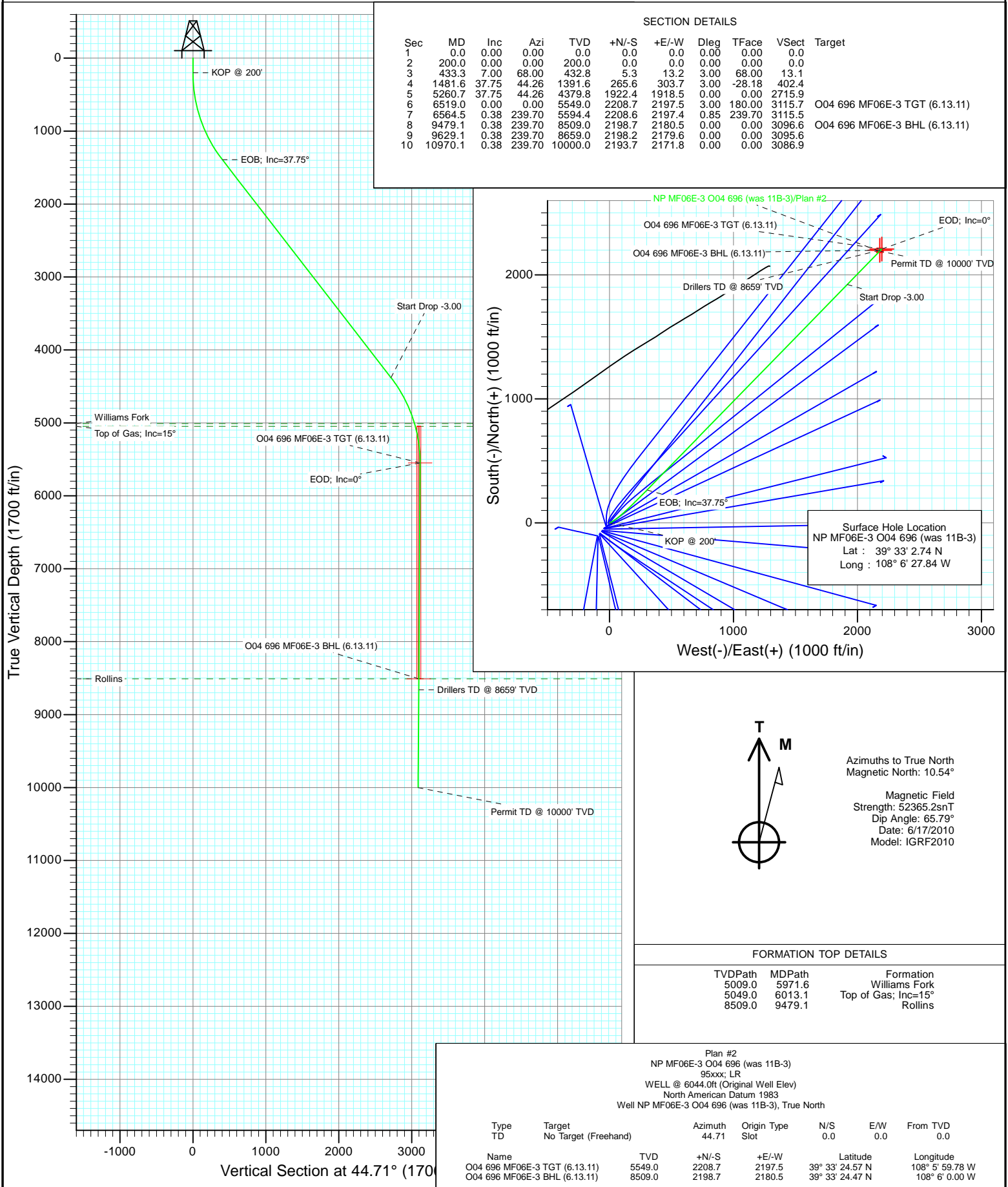




Project: North Piceance  
Site: O04 696 (3rd)  
Well: NP MF06E-3 O04 696 (was 11B-3)  
Wellbore: DD  
Design: Plan #2



## Planning Report

|                  |                                |                                     |                                      |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | USA EDM 5000 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well NP MF06E-3 O04 696 (was 11B-3)  |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc     | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance                 | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site:</b>     | O04 696 (3rd)                  | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NP MF06E-3 O04 696 (was 11B-3) | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | DD                             |                                     |                                      |
| <b>Design:</b>   | Plan #2                        |                                     |                                      |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | North Piceance            |                      |                |
| <b>Map System:</b> | US State Plane 1983       | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b>  | North American Datum 1983 |                      |                |
| <b>Map Zone:</b>   | Colorado Central Zone     |                      |                |

|                              |               |                     |                 |                                   |
|------------------------------|---------------|---------------------|-----------------|-----------------------------------|
| <b>Site</b>                  | O04 696 (3rd) |                     |                 |                                   |
| <b>Site Position:</b>        |               | <b>Northing:</b>    | 1,635,941.08 ft | <b>Latitude:</b> 39° 33' 1.64 N   |
| <b>From:</b>                 | Lat/Long      | <b>Easting:</b>     | 2,264,673.43 ft | <b>Longitude:</b> 108° 6' 29.09 W |
| <b>Position Uncertainty:</b> | 0.0 ft        | <b>Slot Radius:</b> | 13.200 in       | <b>Grid Convergence:</b> -1.64 °  |

|                             |                                |        |                            |                 |
|-----------------------------|--------------------------------|--------|----------------------------|-----------------|
| <b>Well</b>                 | NP MF06E-3 O04 696 (was 11B-3) |        |                            |                 |
| <b>Well Position</b>        | <b>+N/-S</b>                   | 0.0 ft | <b>Northing:</b>           | 1,636,049.50 ft |
|                             | <b>+E/-W</b>                   | 0.0 ft | <b>Easting:</b>            | 2,264,774.49 ft |
| <b>Position Uncertainty</b> |                                | 0.0 ft | <b>Wellhead Elevation:</b> | ft              |
|                             |                                |        | <b>Ground Level:</b>       | 6,022.0 ft      |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | DD                |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2010          | 6/17/2010          | 10.54                  | 65.79                | 52,365                     |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b>            | Plan #2                      |                   |                      |                      |
| <b>Audit Notes:</b>      |                              |                   |                      |                      |
| <b>Version:</b>          | <b>Phase:</b>                | PLAN              | <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                  | 44.71                |

| <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    |                    |
| 200.0                | 0.00            | 0.00        | 200.0               | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 433.3                | 7.00            | 68.00       | 432.8               | 5.3        | 13.2       | 3.00                  | 3.00                 | 0.00                | 68.00   |                    |
| 1,481.6              | 37.75           | 44.26       | 1,391.6             | 265.6      | 303.7      | 3.00                  | 2.93                 | -2.26               | -28.18  |                    |
| 5,260.7              | 37.75           | 44.26       | 4,379.8             | 1,922.4    | 1,918.5    | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 6,519.0              | 0.00            | 0.00        | 5,549.0             | 2,208.7    | 2,197.5    | 3.00                  | -3.00                | 0.00                | 180.00  | O04 696 MF06E-3 TC |
| 6,564.5              | 0.38            | 239.70      | 5,594.4             | 2,208.6    | 2,197.4    | 0.85                  | 0.85                 | -264.71             | 239.70  |                    |
| 9,479.1              | 0.38            | 239.70      | 8,509.0             | 2,198.7    | 2,180.5    | 0.00                  | 0.00                 | 0.00                | 0.00    | O04 696 MF06E-3 BH |
| 9,629.1              | 0.38            | 239.70      | 8,659.0             | 2,198.2    | 2,179.6    | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 10,970.1             | 0.38            | 239.70      | 10,000.0            | 2,193.7    | 2,171.8    | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |

# Planning Report

**Database:** USA EDM 5000 US Multi Users DB  
**Company:** EnCana Oil & Gas (USA) Inc  
**Project:** North Piceance  
**Site:** O04 696 (3rd)  
**Well:** NP MF06E-3 O04 696 (was 11B-3)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:** Well NP MF06E-3 O04 696 (was 11B-3)  
**TVD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**MD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## 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) | Comments / Formations |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 0.0                 | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 30.0                | 0.00            | 0.00        | 30.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 60.0                | 0.00            | 0.00        | 60.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 90.0                | 0.00            | 0.00        | 90.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 120.0               | 0.00            | 0.00        | 120.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 150.0               | 0.00            | 0.00        | 150.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 180.0               | 0.00            | 0.00        | 180.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 200.0               | 0.00            | 0.00        | 200.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | KOP @ 200'            |
| 210.0               | 0.30            | 68.00       | 210.0               | 0.0        | 0.0        | 0.0                   | 3.00                  | 3.00                 |                       |
| 240.0               | 1.20            | 68.00       | 240.0               | 0.2        | 0.4        | 0.4                   | 3.00                  | 3.00                 |                       |
| 270.0               | 2.10            | 68.00       | 270.0               | 0.5        | 1.2        | 1.2                   | 3.00                  | 3.00                 |                       |
| 300.0               | 3.00            | 68.00       | 300.0               | 1.0        | 2.4        | 2.4                   | 3.00                  | 3.00                 |                       |
| 330.0               | 3.90            | 68.00       | 329.9               | 1.7        | 4.1        | 4.1                   | 3.00                  | 3.00                 |                       |
| 360.0               | 4.80            | 68.00       | 359.8               | 2.5        | 6.2        | 6.2                   | 3.00                  | 3.00                 |                       |
| 390.0               | 5.70            | 68.00       | 389.7               | 3.5        | 8.8        | 8.7                   | 3.00                  | 3.00                 |                       |
| 420.0               | 6.60            | 68.00       | 419.5               | 4.7        | 11.7       | 11.6                  | 3.00                  | 3.00                 |                       |
| 433.3               | 7.00            | 68.00       | 432.8               | 5.3        | 13.2       | 13.1                  | 3.00                  | 3.00                 |                       |
| 450.0               | 7.44            | 66.18       | 449.3               | 6.1        | 15.1       | 15.0                  | 3.00                  | 2.67                 |                       |
| 480.0               | 8.26            | 63.39       | 479.0               | 7.9        | 18.8       | 18.9                  | 3.00                  | 2.72                 |                       |
| 510.0               | 9.09            | 61.11       | 508.7               | 10.0       | 22.8       | 23.2                  | 3.00                  | 2.77                 |                       |
| 540.0               | 9.94            | 59.21       | 538.2               | 12.5       | 27.1       | 28.0                  | 3.00                  | 2.81                 |                       |
| 570.0               | 10.79           | 57.61       | 567.8               | 15.3       | 31.7       | 33.2                  | 3.00                  | 2.84                 |                       |
| 600.0               | 11.65           | 56.24       | 597.2               | 18.5       | 36.6       | 38.9                  | 3.00                  | 2.87                 |                       |
| 630.0               | 12.51           | 55.05       | 626.5               | 22.0       | 41.8       | 45.1                  | 3.00                  | 2.88                 |                       |
| 660.0               | 13.38           | 54.02       | 655.8               | 25.9       | 47.3       | 51.7                  | 3.00                  | 2.90                 |                       |
| 690.0               | 14.26           | 53.11       | 684.9               | 30.2       | 53.0       | 58.8                  | 3.00                  | 2.91                 |                       |
| 720.0               | 15.13           | 52.30       | 713.9               | 34.8       | 59.1       | 66.3                  | 3.00                  | 2.92                 |                       |
| 750.0               | 16.01           | 51.58       | 742.8               | 39.8       | 65.4       | 74.3                  | 3.00                  | 2.93                 |                       |
| 780.0               | 16.89           | 50.94       | 771.6               | 45.1       | 72.1       | 82.7                  | 3.00                  | 2.94                 |                       |
| 810.0               | 17.78           | 50.35       | 800.2               | 50.8       | 79.0       | 91.6                  | 3.00                  | 2.94                 |                       |
| 840.0               | 18.66           | 49.82       | 828.7               | 56.8       | 86.2       | 101.0                 | 3.00                  | 2.95                 |                       |
| 870.0               | 19.55           | 49.34       | 857.1               | 63.1       | 93.6       | 110.8                 | 3.00                  | 2.95                 |                       |
| 900.0               | 20.43           | 48.90       | 885.3               | 69.9       | 101.4      | 121.0                 | 3.00                  | 2.96                 |                       |
| 930.0               | 21.32           | 48.49       | 913.3               | 76.9       | 109.4      | 131.6                 | 3.00                  | 2.96                 |                       |
| 960.0               | 22.21           | 48.11       | 941.1               | 84.3       | 117.7      | 142.7                 | 3.00                  | 2.96                 |                       |
| 990.0               | 23.10           | 47.76       | 968.8               | 92.1       | 126.3      | 154.3                 | 3.00                  | 2.97                 |                       |
| 1,020.0             | 23.99           | 47.44       | 996.3               | 100.1      | 135.2      | 166.3                 | 3.00                  | 2.97                 |                       |
| 1,050.0             | 24.88           | 47.13       | 1,023.6             | 108.6      | 144.3      | 178.7                 | 3.00                  | 2.97                 |                       |
| 1,080.0             | 25.77           | 46.85       | 1,050.8             | 117.3      | 153.7      | 191.5                 | 3.00                  | 2.97                 |                       |
| 1,110.0             | 26.67           | 46.59       | 1,077.7             | 126.4      | 163.3      | 204.7                 | 3.00                  | 2.97                 |                       |
| 1,140.0             | 27.56           | 46.34       | 1,104.4             | 135.8      | 173.2      | 218.4                 | 3.00                  | 2.98                 |                       |
| 1,170.0             | 28.45           | 46.10       | 1,130.9             | 145.6      | 183.4      | 232.5                 | 3.00                  | 2.98                 |                       |
| 1,200.0             | 29.35           | 45.88       | 1,157.1             | 155.6      | 193.8      | 247.0                 | 3.00                  | 2.98                 |                       |
| 1,230.0             | 30.24           | 45.67       | 1,183.2             | 166.0      | 204.5      | 261.9                 | 3.00                  | 2.98                 |                       |
| 1,260.0             | 31.13           | 45.47       | 1,209.0             | 176.8      | 215.4      | 277.2                 | 3.00                  | 2.98                 |                       |
| 1,290.0             | 32.03           | 45.28       | 1,234.5             | 187.8      | 226.6      | 292.9                 | 3.00                  | 2.98                 |                       |
| 1,320.0             | 32.92           | 45.10       | 1,259.8             | 199.2      | 238.0      | 309.0                 | 3.00                  | 2.98                 |                       |
| 1,350.0             | 33.82           | 44.93       | 1,284.9             | 210.8      | 249.7      | 325.5                 | 3.00                  | 2.98                 |                       |
| 1,380.0             | 34.71           | 44.77       | 1,309.7             | 222.8      | 261.6      | 342.4                 | 3.00                  | 2.98                 |                       |
| 1,410.0             | 35.61           | 44.61       | 1,334.2             | 235.1      | 273.8      | 359.7                 | 3.00                  | 2.98                 |                       |
| 1,440.0             | 36.51           | 44.46       | 1,358.4             | 247.7      | 286.2      | 377.3                 | 3.00                  | 2.99                 |                       |
| 1,470.0             | 37.40           | 44.32       | 1,382.4             | 260.5      | 298.8      | 395.4                 | 3.00                  | 2.99                 |                       |

# Planning Report

**Database:** USA EDM 5000 US Multi Users DB  
**Company:** EnCana Oil & Gas (USA) Inc  
**Project:** North Piceance  
**Site:** O04 696 (3rd)  
**Well:** NP MF06E-3 O04 696 (was 11B-3)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:** Well NP MF06E-3 O04 696 (was 11B-3)  
**TVD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**MD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## 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) | Comments / Formations |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 1,481.6             | 37.75           | 44.26       | 1,391.6             | 265.6      | 303.7      | 402.4                 | 3.00                  | 2.99                 | EOB; Inc=37.75°       |
| 1,500.0             | 37.75           | 44.26       | 1,406.2             | 273.7      | 311.6      | 413.7                 | 0.00                  | 0.00                 |                       |
| 1,530.0             | 37.75           | 44.26       | 1,429.9             | 286.8      | 324.4      | 432.1                 | 0.00                  | 0.00                 |                       |
| 1,560.0             | 37.75           | 44.26       | 1,453.6             | 300.0      | 337.2      | 450.4                 | 0.00                  | 0.00                 |                       |
| 1,590.0             | 37.75           | 44.26       | 1,477.3             | 313.1      | 350.0      | 468.8                 | 0.00                  | 0.00                 |                       |
| 1,620.0             | 37.75           | 44.26       | 1,501.0             | 326.3      | 362.8      | 487.2                 | 0.00                  | 0.00                 |                       |
| 1,650.0             | 37.75           | 44.26       | 1,524.8             | 339.4      | 375.7      | 505.5                 | 0.00                  | 0.00                 |                       |
| 1,680.0             | 37.75           | 44.26       | 1,548.5             | 352.6      | 388.5      | 523.9                 | 0.00                  | 0.00                 |                       |
| 1,710.0             | 37.75           | 44.26       | 1,572.2             | 365.7      | 401.3      | 542.3                 | 0.00                  | 0.00                 |                       |
| 1,740.0             | 37.75           | 44.26       | 1,595.9             | 378.9      | 414.1      | 560.6                 | 0.00                  | 0.00                 |                       |
| 1,770.0             | 37.75           | 44.26       | 1,619.7             | 392.1      | 426.9      | 579.0                 | 0.00                  | 0.00                 |                       |
| 1,800.0             | 37.75           | 44.26       | 1,643.4             | 405.2      | 439.8      | 597.3                 | 0.00                  | 0.00                 |                       |
| 1,830.0             | 37.75           | 44.26       | 1,667.1             | 418.4      | 452.6      | 615.7                 | 0.00                  | 0.00                 |                       |
| 1,860.0             | 37.75           | 44.26       | 1,690.8             | 431.5      | 465.4      | 634.1                 | 0.00                  | 0.00                 |                       |
| 1,890.0             | 37.75           | 44.26       | 1,714.5             | 444.7      | 478.2      | 652.4                 | 0.00                  | 0.00                 |                       |
| 1,920.0             | 37.75           | 44.26       | 1,738.3             | 457.8      | 491.0      | 670.8                 | 0.00                  | 0.00                 |                       |
| 1,950.0             | 37.75           | 44.26       | 1,762.0             | 471.0      | 503.9      | 689.2                 | 0.00                  | 0.00                 |                       |
| 1,980.0             | 37.75           | 44.26       | 1,785.7             | 484.1      | 516.7      | 707.5                 | 0.00                  | 0.00                 |                       |
| 2,010.0             | 37.75           | 44.26       | 1,809.4             | 497.3      | 529.5      | 725.9                 | 0.00                  | 0.00                 |                       |
| 2,040.0             | 37.75           | 44.26       | 1,833.1             | 510.4      | 542.3      | 744.3                 | 0.00                  | 0.00                 |                       |
| 2,070.0             | 37.75           | 44.26       | 1,856.9             | 523.6      | 555.1      | 762.6                 | 0.00                  | 0.00                 |                       |
| 2,100.0             | 37.75           | 44.26       | 1,880.6             | 536.7      | 567.9      | 781.0                 | 0.00                  | 0.00                 |                       |
| 2,130.0             | 37.75           | 44.26       | 1,904.3             | 549.9      | 580.8      | 799.4                 | 0.00                  | 0.00                 |                       |
| 2,160.0             | 37.75           | 44.26       | 1,928.0             | 563.0      | 593.6      | 817.7                 | 0.00                  | 0.00                 |                       |
| 2,190.0             | 37.75           | 44.26       | 1,951.7             | 576.2      | 606.4      | 836.1                 | 0.00                  | 0.00                 |                       |
| 2,220.0             | 37.75           | 44.26       | 1,975.5             | 589.3      | 619.2      | 854.5                 | 0.00                  | 0.00                 |                       |
| 2,250.0             | 37.75           | 44.26       | 1,999.2             | 602.5      | 632.0      | 872.8                 | 0.00                  | 0.00                 |                       |
| 2,280.0             | 37.75           | 44.26       | 2,022.9             | 615.6      | 644.9      | 891.2                 | 0.00                  | 0.00                 |                       |
| 2,310.0             | 37.75           | 44.26       | 2,046.6             | 628.8      | 657.7      | 909.6                 | 0.00                  | 0.00                 |                       |
| 2,340.0             | 37.75           | 44.26       | 2,070.4             | 641.9      | 670.5      | 927.9                 | 0.00                  | 0.00                 |                       |
| 2,370.0             | 37.75           | 44.26       | 2,094.1             | 655.1      | 683.3      | 946.3                 | 0.00                  | 0.00                 |                       |
| 2,400.0             | 37.75           | 44.26       | 2,117.8             | 668.3      | 696.1      | 964.7                 | 0.00                  | 0.00                 |                       |
| 2,430.0             | 37.75           | 44.26       | 2,141.5             | 681.4      | 709.0      | 983.0                 | 0.00                  | 0.00                 |                       |
| 2,460.0             | 37.75           | 44.26       | 2,165.2             | 694.6      | 721.8      | 1,001.4               | 0.00                  | 0.00                 |                       |
| 2,490.0             | 37.75           | 44.26       | 2,189.0             | 707.7      | 734.6      | 1,019.8               | 0.00                  | 0.00                 |                       |

## Targets

| Target Name   | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude        | Longitude       |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-----------------|
| - hit/miss target   |               |              |          |            |            |               |              |                 |                 |
| - Shape   |               |              |          |            |            |               |              |                 |                 |
| O04 696 MF06E-3 BHL   | 0.00          | 0.00         | 8,509.0  | 2,198.7    | 2,180.5    | 1,638,184.76  | 2,267,017.17 | 39° 33' 24.47 N | 108° 6' 0.00 W  |
| - plan misses target center by 6652.6ft at 2490.0ft MD (2189.0 TVD, 707.7 N, 734.6 E) |               |              |          |            |            |               |              |                 |                 |
| - Rectangle (sides W30.0 H50.0 D0.0)  |               |              |          |            |            |               |              |                 |                 |
| O04 696 MF06E-3 TGT   | 0.00          | 0.00         | 5,549.0  | 2,208.7    | 2,197.5    | 1,638,194.22  | 2,267,034.48 | 39° 33' 24.57 N | 108° 5' 59.78 W |
| - plan misses target center by 3960.2ft at 2490.0ft MD (2189.0 TVD, 707.7 N, 734.6 E) |               |              |          |            |            |               |              |                 |                 |
| - Point   |               |              |          |            |            |               |              |                 |                 |

# Planning Report

**Database:** USA EDM 5000 US Multi Users DB  
**Company:** EnCana Oil & Gas (USA) Inc  
**Project:** North Piceance  
**Site:** O04 696 (3rd)  
**Well:** NP MF06E-3 O04 696 (was 11B-3)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:** Well NP MF06E-3 O04 696 (was 11B-3)  
**TVD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**MD Reference:** WELL @ 6044.0ft (Original Well Elev)  
**North Reference:** True  
**Survey Calculation Method:** Minimum Curvature

## 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) | Comments / Formations                       |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---|
| 2,500.0             | 37.75           | 44.26       | 2,196.9             | 712.1      | 738.9      | 1,025.9               | 0.00                  | 0.00                 |   |
| 2,600.0             | 37.75           | 44.26       | 2,275.9             | 755.9      | 781.6      | 1,087.1               | 0.00                  | 0.00                 |   |
| 2,700.0             | 37.75           | 44.26       | 2,355.0             | 799.8      | 824.3      | 1,148.3               | 0.00                  | 0.00                 |   |
| 2,800.0             | 37.75           | 44.26       | 2,434.1             | 843.6      | 867.1      | 1,209.5               | 0.00                  | 0.00                 |   |
| 2,900.0             | 37.75           | 44.26       | 2,513.1             | 887.5      | 909.8      | 1,270.7               | 0.00                  | 0.00                 |   |
| 3,000.0             | 37.75           | 44.26       | 2,592.2             | 931.3      | 952.5      | 1,332.0               | 0.00                  | 0.00                 |   |
| 3,100.0             | 37.75           | 44.26       | 2,671.3             | 975.1      | 995.2      | 1,393.2               | 0.00                  | 0.00                 |   |
| 3,200.0             | 37.75           | 44.26       | 2,750.4             | 1,019.0    | 1,038.0    | 1,454.4               | 0.00                  | 0.00                 |   |
| 3,300.0             | 37.75           | 44.26       | 2,829.4             | 1,062.8    | 1,080.7    | 1,515.6               | 0.00                  | 0.00                 |   |
| 3,400.0             | 37.75           | 44.26       | 2,908.5             | 1,106.7    | 1,123.4    | 1,576.8               | 0.00                  | 0.00                 |   |
| 3,500.0             | 37.75           | 44.26       | 2,987.6             | 1,150.5    | 1,166.2    | 1,638.1               | 0.00                  | 0.00                 |   |
| 3,600.0             | 37.75           | 44.26       | 3,066.6             | 1,194.4    | 1,208.9    | 1,699.3               | 0.00                  | 0.00                 |   |
| 3,700.0             | 37.75           | 44.26       | 3,145.7             | 1,238.2    | 1,251.6    | 1,760.5               | 0.00                  | 0.00                 |   |
| 3,800.0             | 37.75           | 44.26       | 3,224.8             | 1,282.0    | 1,294.3    | 1,821.7               | 0.00                  | 0.00                 |   |
| 3,900.0             | 37.75           | 44.26       | 3,303.9             | 1,325.9    | 1,337.1    | 1,882.9               | 0.00                  | 0.00                 |   |
| 4,000.0             | 37.75           | 44.26       | 3,382.9             | 1,369.7    | 1,379.8    | 1,944.1               | 0.00                  | 0.00                 |   |
| 4,100.0             | 37.75           | 44.26       | 3,462.0             | 1,413.6    | 1,422.5    | 2,005.4               | 0.00                  | 0.00                 |   |
| 4,200.0             | 37.75           | 44.26       | 3,541.1             | 1,457.4    | 1,465.3    | 2,066.6               | 0.00                  | 0.00                 |   |
| 4,300.0             | 37.75           | 44.26       | 3,620.1             | 1,501.2    | 1,508.0    | 2,127.8               | 0.00                  | 0.00                 |   |
| 4,400.0             | 37.75           | 44.26       | 3,699.2             | 1,545.1    | 1,550.7    | 2,189.0               | 0.00                  | 0.00                 |   |
| 4,500.0             | 37.75           | 44.26       | 3,778.3             | 1,588.9    | 1,593.4    | 2,250.2               | 0.00                  | 0.00                 |   |
| 4,600.0             | 37.75           | 44.26       | 3,857.3             | 1,632.8    | 1,636.2    | 2,311.5               | 0.00                  | 0.00                 |   |
| 4,700.0             | 37.75           | 44.26       | 3,936.4             | 1,676.6    | 1,678.9    | 2,372.7               | 0.00                  | 0.00                 |   |
| 4,800.0             | 37.75           | 44.26       | 4,015.5             | 1,720.5    | 1,721.6    | 2,433.9               | 0.00                  | 0.00                 |   |
| 4,900.0             | 37.75           | 44.26       | 4,094.6             | 1,764.3    | 1,764.4    | 2,495.1               | 0.00                  | 0.00                 |   |
| 5,000.0             | 37.75           | 44.26       | 4,173.6             | 1,808.1    | 1,807.1    | 2,556.3               | 0.00                  | 0.00                 |   |
| 5,100.0             | 37.75           | 44.26       | 4,252.7             | 1,852.0    | 1,849.8    | 2,617.5               | 0.00                  | 0.00                 |   |
| 5,200.0             | 37.75           | 44.26       | 4,331.8             | 1,895.8    | 1,892.6    | 2,678.8               | 0.00                  | 0.00                 |   |
| 5,260.7             | 37.75           | 44.26       | 4,379.8             | 1,922.4    | 1,918.5    | 2,715.9               | 0.00                  | 0.00                 | Start Drop -3.00                            |
| 5,300.0             | 36.57           | 44.26       | 4,411.1             | 1,939.4    | 1,935.1    | 2,739.7               | 3.00                  | -3.00                |   |
| 5,400.0             | 33.57           | 44.26       | 4,492.9             | 1,980.6    | 1,975.2    | 2,797.1               | 3.00                  | -3.00                |   |
| 5,500.0             | 30.57           | 44.26       | 4,577.6             | 2,018.6    | 2,012.2    | 2,850.2               | 3.00                  | -3.00                |   |
| 5,600.0             | 27.57           | 44.26       | 4,665.0             | 2,053.4    | 2,046.1    | 2,898.8               | 3.00                  | -3.00                |   |
| 5,700.0             | 24.57           | 44.26       | 4,754.9             | 2,084.9    | 2,076.8    | 2,942.7               | 3.00                  | -3.00                |   |
| 5,800.0             | 21.57           | 44.26       | 4,846.8             | 2,112.9    | 2,104.1    | 2,981.9               | 3.00                  | -3.00                |   |
| 5,900.0             | 18.57           | 44.26       | 4,940.8             | 2,137.5    | 2,128.1    | 3,016.2               | 3.00                  | -3.00                |   |
| 5,971.6             | 16.42           | 44.26       | 5,009.0             | 2,152.9    | 2,143.1    | 3,037.7               | 3.00                  | -3.00                | Williams Fork                               |
| 6,000.0             | 15.57           | 44.26       | 5,036.3             | 2,158.5    | 2,148.6    | 3,045.6               | 3.00                  | -3.00                |   |
| 6,013.1             | 15.18           | 44.26       | 5,049.0             | 2,161.0    | 2,151.0    | 3,049.0               | 3.00                  | -3.00                | Top of Gas; Inc=15°                         |
| 6,100.0             | 12.57           | 44.26       | 5,133.3             | 2,175.9    | 2,165.5    | 3,069.9               | 3.00                  | -3.00                |   |
| 6,200.0             | 9.57            | 44.26       | 5,231.5             | 2,189.7    | 2,178.9    | 3,089.1               | 3.00                  | -3.00                |   |
| 6,300.0             | 6.57            | 44.26       | 5,330.5             | 2,199.7    | 2,188.7    | 3,103.1               | 3.00                  | -3.00                |   |
| 6,400.0             | 3.57            | 44.26       | 5,430.1             | 2,206.0    | 2,194.9    | 3,111.9               | 3.00                  | -3.00                |   |
| 6,500.0             | 0.57            | 44.26       | 5,530.0             | 2,208.6    | 2,197.4    | 3,115.6               | 3.00                  | -3.00                |   |
| 6,519.0             | 0.00            | 44.26       | 5,549.0             | 2,208.7    | 2,197.5    | 3,115.7               | 3.00                  | -3.00                | EOD; Inc=0° - O04 696 MF06E-3 TGT (6.13.11) |
| 6,564.5             | 0.38            | 239.70      | 5,594.4             | 2,208.6    | 2,197.4    | 3,115.5               | 0.85                  | 0.85                 |   |
| 6,600.0             | 0.38            | 239.70      | 5,630.0             | 2,208.5    | 2,197.2    | 3,115.3               | 0.00                  | 0.00                 |   |
| 6,700.0             | 0.38            | 239.70      | 5,730.0             | 2,208.2    | 2,196.6    | 3,114.6               | 0.00                  | 0.00                 |   |
| 6,800.0             | 0.38            | 239.70      | 5,830.0             | 2,207.8    | 2,196.0    | 3,114.0               | 0.00                  | 0.00                 |   |
| 6,900.0             | 0.38            | 239.70      | 5,930.0             | 2,207.5    | 2,195.4    | 3,113.3               | 0.00                  | 0.00                 |   |
| 7,000.0             | 0.38            | 239.70      | 6,030.0             | 2,207.1    | 2,194.8    | 3,112.7               | 0.00                  | 0.00                 |   |
| 7,100.0             | 0.38            | 239.70      | 6,130.0             | 2,206.8    | 2,194.3    | 3,112.0               | 0.00                  | 0.00                 |   |

# Planning Report

|                  |                                |                                     |                                      |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | USA EDM 5000 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well NP MF06E-3 O04 696 (was 11B-3)  |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc     | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance                 | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site:</b>     | O04 696 (3rd)                  | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NP MF06E-3 O04 696 (was 11B-3) | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | DD                             |                                     |                                      |
| <b>Design:</b>   | Plan #2                        |                                     |                                      |

| 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) | Comments / Formations                   |
| 7,200.0             | 0.38            | 239.70      | 6,230.0             | 2,206.5    | 2,193.7    | 3,111.4               | 0.00                  | 0.00                 |   |
| 7,300.0             | 0.38            | 239.70      | 6,330.0             | 2,206.1    | 2,193.1    | 3,110.7               | 0.00                  | 0.00                 |   |
| 7,400.0             | 0.38            | 239.70      | 6,430.0             | 2,205.8    | 2,192.5    | 3,110.1               | 0.00                  | 0.00                 |   |
| 7,500.0             | 0.38            | 239.70      | 6,530.0             | 2,205.5    | 2,191.9    | 3,109.4               | 0.00                  | 0.00                 |   |
| 7,600.0             | 0.38            | 239.70      | 6,630.0             | 2,205.1    | 2,191.4    | 3,108.8               | 0.00                  | 0.00                 |   |
| 7,700.0             | 0.38            | 239.70      | 6,730.0             | 2,204.8    | 2,190.8    | 3,108.1               | 0.00                  | 0.00                 |   |
| 7,800.0             | 0.38            | 239.70      | 6,830.0             | 2,204.4    | 2,190.2    | 3,107.5               | 0.00                  | 0.00                 |   |
| 7,900.0             | 0.38            | 239.70      | 6,929.9             | 2,204.1    | 2,189.6    | 3,106.8               | 0.00                  | 0.00                 |   |
| 8,000.0             | 0.38            | 239.70      | 7,029.9             | 2,203.8    | 2,189.0    | 3,106.2               | 0.00                  | 0.00                 |   |
| 8,100.0             | 0.38            | 239.70      | 7,129.9             | 2,203.4    | 2,188.5    | 3,105.5               | 0.00                  | 0.00                 |   |
| 8,200.0             | 0.38            | 239.70      | 7,229.9             | 2,203.1    | 2,187.9    | 3,104.9               | 0.00                  | 0.00                 |   |
| 8,300.0             | 0.38            | 239.70      | 7,329.9             | 2,202.7    | 2,187.3    | 3,104.2               | 0.00                  | 0.00                 |   |
| 8,400.0             | 0.38            | 239.70      | 7,429.9             | 2,202.4    | 2,186.7    | 3,103.6               | 0.00                  | 0.00                 |   |
| 8,500.0             | 0.38            | 239.70      | 7,529.9             | 2,202.1    | 2,186.1    | 3,103.0               | 0.00                  | 0.00                 |   |
| 8,600.0             | 0.38            | 239.70      | 7,629.9             | 2,201.7    | 2,185.6    | 3,102.3               | 0.00                  | 0.00                 |   |
| 8,700.0             | 0.38            | 239.70      | 7,729.9             | 2,201.4    | 2,185.0    | 3,101.7               | 0.00                  | 0.00                 |   |
| 8,800.0             | 0.38            | 239.70      | 7,829.9             | 2,201.0    | 2,184.4    | 3,101.0               | 0.00                  | 0.00                 |   |
| 8,900.0             | 0.38            | 239.70      | 7,929.9             | 2,200.7    | 2,183.8    | 3,100.4               | 0.00                  | 0.00                 |   |
| 9,000.0             | 0.38            | 239.70      | 8,029.9             | 2,200.4    | 2,183.2    | 3,099.7               | 0.00                  | 0.00                 |   |
| 9,100.0             | 0.38            | 239.70      | 8,129.9             | 2,200.0    | 2,182.7    | 3,099.1               | 0.00                  | 0.00                 |   |
| 9,200.0             | 0.38            | 239.70      | 8,229.9             | 2,199.7    | 2,182.1    | 3,098.4               | 0.00                  | 0.00                 |   |
| 9,300.0             | 0.38            | 239.70      | 8,329.9             | 2,199.4    | 2,181.5    | 3,097.8               | 0.00                  | 0.00                 |   |
| 9,400.0             | 0.38            | 239.70      | 8,429.9             | 2,199.0    | 2,180.9    | 3,097.1               | 0.00                  | 0.00                 |   |
| 9,479.1             | 0.38            | 239.70      | 8,509.0             | 2,198.7    | 2,180.5    | 3,096.6               | 0.00                  | 0.00                 | Rollins - O04 696 MF06E-3 BHL (6.13.11) |
| 9,500.0             | 0.38            | 239.70      | 8,529.9             | 2,198.7    | 2,180.3    | 3,096.5               | 0.00                  | 0.00                 |   |
| 9,600.0             | 0.38            | 239.70      | 8,629.9             | 2,198.3    | 2,179.8    | 3,095.8               | 0.00                  | 0.00                 |   |
| 9,629.1             | 0.38            | 239.70      | 8,659.0             | 2,198.2    | 2,179.6    | 3,095.6               | 0.00                  | 0.00                 | Drillers TD @ 8659' TVD                 |
| 9,700.0             | 0.38            | 239.70      | 8,729.9             | 2,198.0    | 2,179.2    | 3,095.2               | 0.00                  | 0.00                 |   |
| 9,800.0             | 0.38            | 239.70      | 8,829.9             | 2,197.7    | 2,178.6    | 3,094.5               | 0.00                  | 0.00                 |   |
| 9,900.0             | 0.38            | 239.70      | 8,929.9             | 2,197.3    | 2,178.0    | 3,093.9               | 0.00                  | 0.00                 |   |
| 10,000.0            | 0.38            | 239.70      | 9,029.9             | 2,197.0    | 2,177.4    | 3,093.2               | 0.00                  | 0.00                 |   |
| 10,100.0            | 0.38            | 239.70      | 9,129.9             | 2,196.6    | 2,176.9    | 3,092.6               | 0.00                  | 0.00                 |   |
| 10,200.0            | 0.38            | 239.70      | 9,229.9             | 2,196.3    | 2,176.3    | 3,091.9               | 0.00                  | 0.00                 |   |
| 10,300.0            | 0.38            | 239.70      | 9,329.9             | 2,196.0    | 2,175.7    | 3,091.3               | 0.00                  | 0.00                 |   |
| 10,400.0            | 0.38            | 239.70      | 9,429.9             | 2,195.6    | 2,175.1    | 3,090.6               | 0.00                  | 0.00                 |   |
| 10,500.0            | 0.38            | 239.70      | 9,529.9             | 2,195.3    | 2,174.6    | 3,090.0               | 0.00                  | 0.00                 |   |
| 10,600.0            | 0.38            | 239.70      | 9,629.9             | 2,195.0    | 2,174.0    | 3,089.3               | 0.00                  | 0.00                 |   |
| 10,700.0            | 0.38            | 239.70      | 9,729.9             | 2,194.6    | 2,173.4    | 3,088.7               | 0.00                  | 0.00                 |   |
| 10,800.0            | 0.38            | 239.70      | 9,829.9             | 2,194.3    | 2,172.8    | 3,088.0               | 0.00                  | 0.00                 |   |
| 10,900.0            | 0.38            | 239.70      | 9,929.9             | 2,193.9    | 2,172.2    | 3,087.4               | 0.00                  | 0.00                 |   |
| 10,970.1            | 0.38            | 239.70      | 10,000.0            | 2,193.7    | 2,171.8    | 3,086.9               | 0.00                  | 0.00                 | Permit TD @ 10000' TVD                  |

## Planning Report

|                  |                                |                                     |                                      |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | USA EDM 5000 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well NP MF06E-3 O04 696 (was 11B-3)  |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc     | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance                 | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site:</b>     | O04 696 (3rd)                  | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | NP MF06E-3 O04 696 (was 11B-3) | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | DD                             |                                     |                                      |
| <b>Design:</b>   | Plan #2                        |                                     |                                      |

| 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  |           |          |         |         |         |              |              |                 |                 |
| O04 696 MF06E-3 BHL<br>- plan hits target center<br>- Rectangle (sides W30.0 H50.0 D0.0) | 0.00      | 0.00     | 8,509.0 | 2,198.7 | 2,180.5 | 1,638,184.76 | 2,267,017.17 | 39° 33' 24.47 N | 108° 6' 0.00 W  |
| O04 696 MF06E-3 TGT<br>- plan hits target center<br>- Point                              | 0.00      | 0.00     | 5,549.0 | 2,208.7 | 2,197.5 | 1,638,194.22 | 2,267,034.48 | 39° 33' 24.57 N | 108° 5' 59.78 W |

| Formations     |                |                     |           |      |               |
|----------------|----------------|---------------------|-----------|------|---------------|
| Measured Depth | Vertical Depth | Name                | Lithology | Dip  | Dip Direction |
| (ft)           | (ft)           |                     |           | (°)  | (°)           |
| 5,971.6        | 5,009.0        | Williams Fork       |           | 0.00 |               |
| 6,013.1        | 5,049.0        | Top of Gas; Inc=15° |           | 0.00 |               |
| 9,479.1        | 8,509.0        | Rollins             |           | 0.00 |               |

| Plan Annotations |                |                   |            |                         |
|------------------|----------------|-------------------|------------|-------------------------|
| Measured Depth   | Vertical Depth | Local Coordinates |            | Comment                 |
| (ft)             | (ft)           | +N/-S (ft)        | +E/-W (ft) |                         |
| 200.0            | 200.0          | 0.0               | 0.0        | KOP @ 200'              |
| 1,481.6          | 1,391.6        | 5.3               | 13.2       | EOB; Inc=37.75°         |
| 5,260.7          | 4,379.8        | 265.6             | 303.7      | Start Drop -3.00        |
| 6,519.0          | 5,549.0        | 1,922.4           | 1,918.5    | EOD; Inc=0°             |
| 9,629.1          | 8,659.0        | 2,208.7           | 2,197.5    | Drillers TD @ 8659' TVD |
| 10,970.1         | 10,000.0       | 2,208.6           | 2,197.4    | Permit TD @ 10000' TVD  |