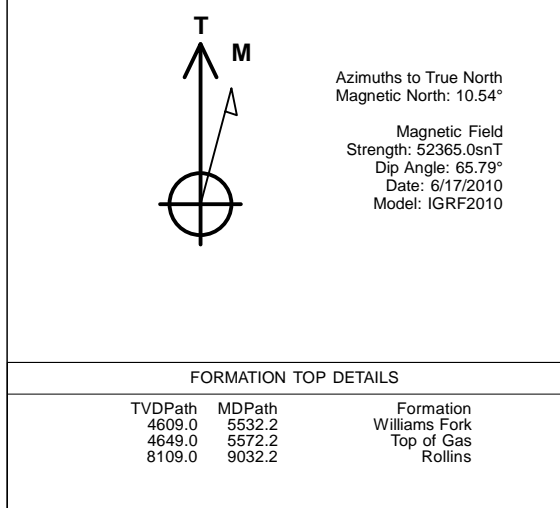
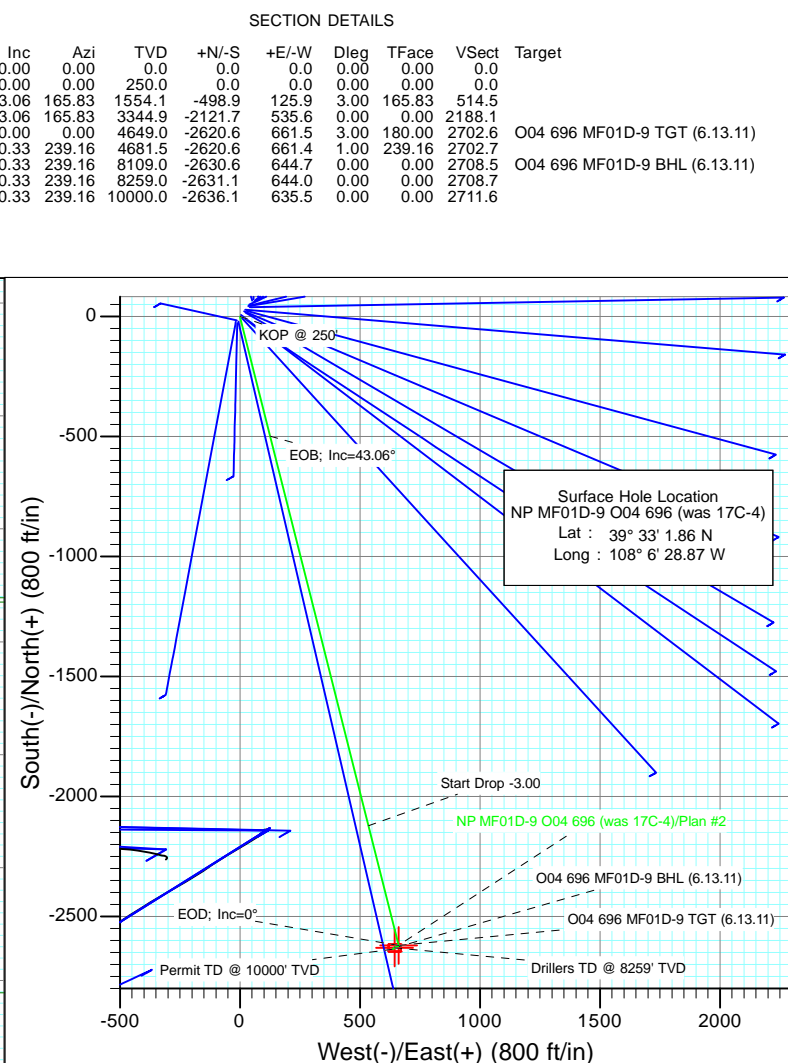
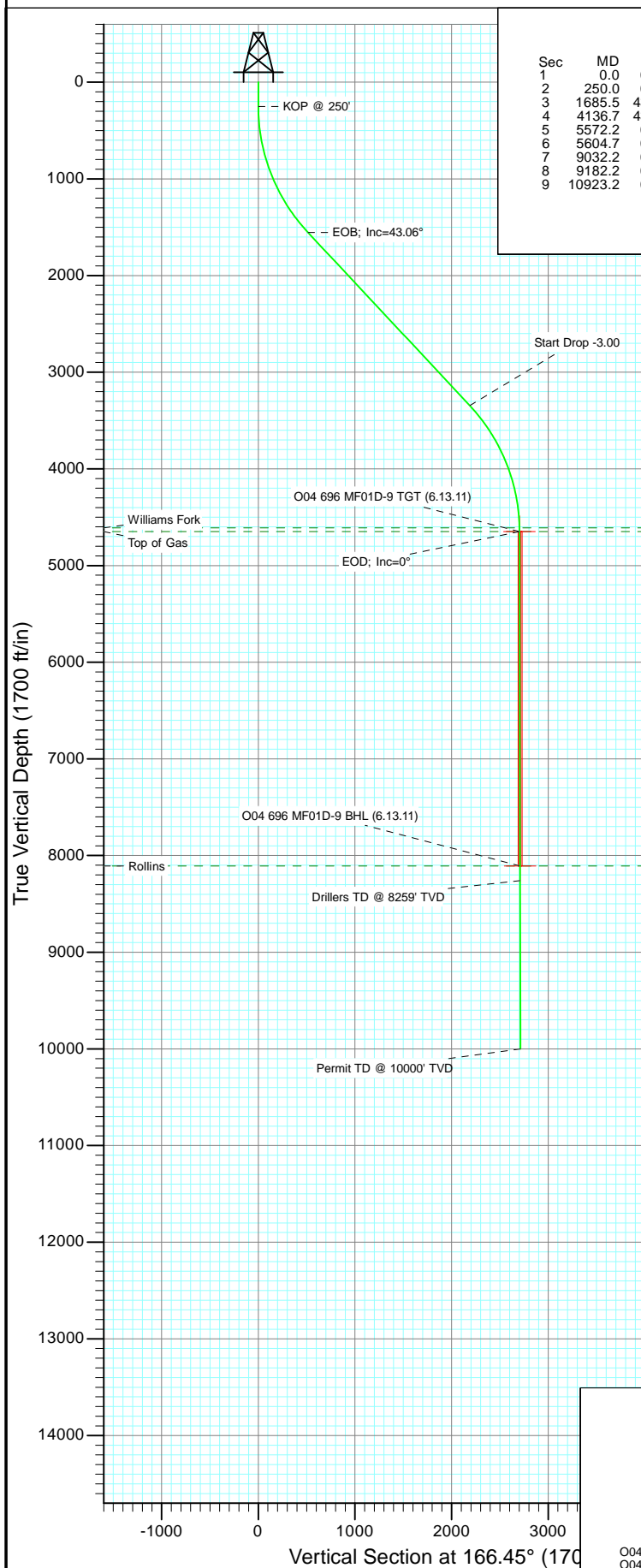




Project: North Piceance  
Site: O04 696 (3rd)  
Well: NP MF01D-9 O04 696 (was 17C-4)  
Wellbore: DD  
Design: Plan #2



|  |                             |                |                  |                 |                 |              |  |
|--|-----------------------------|----------------|------------------|-----------------|-----------------|--------------|--|
| Plan #2<br>NP MF01D-9 O04 696 (was 17C-4)<br>95xxx; LR<br>WELL @ 6044.0ft (Original Well Elev)<br>North American Datum 1983<br>Well NP MF01D-9 O04 696 (was 17C-4), True North |                             |                |                  |                 |                 |              |  |
| Type TD  | Target No Target (Freehand) | Azimuth 166.45 | Origin Type Slot | N/S 0.0         | E/W 0.0         | From TVD 0.0 |  |
| Name   | TVD                         | +N/-S          | +E/-W            | Latitude        | Longitude       |              |  |
| O04 696 MF01D-9 TGT (6.13.11)  | 4649.0                      | -2620.6        | 661.5            | 39° 32' 35.96 N | 108° 6' 20.43 W |              |  |
| O04 696 MF01D-9 BHL (6.13.11)  | 8109.0                      | -2630.6        | 644.7            | 39° 32' 35.86 N | 108° 6' 20.64 W |              |  |

## Planning Report

|                  |                                |                                     |                                      |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | USA EDM 5000 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <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 MF01D-9 O04 696 (was 17C-4) | <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 MF01D-9 O04 696 (was 17C-4) |        |                            |                 |
| <b>Well Position</b>        | <b>+N/-S</b>                   | 0.0 ft | <b>Northing:</b>           | 1,635,962.81 ft |
|                             | <b>+E/-W</b>                   | 0.0 ft | <b>Easting:</b>            | 2,264,691.29 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                  | 166.45               |

| <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    |                    |
| 250.0                | 0.00            | 0.00        | 250.0               | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 1,685.5              | 43.06           | 165.83      | 1,554.1             | -498.9     | 125.9      | 3.00                  | 3.00                 | 0.00                | 165.83  |                    |
| 4,136.7              | 43.06           | 165.83      | 3,344.9             | -2,121.7   | 535.6      | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 5,572.2              | 0.00            | 0.00        | 4,649.0             | -2,620.6   | 661.5      | 3.00                  | -3.00                | 0.00                | 180.00  | O04 696 MF01D-9 TC |
| 5,604.7              | 0.33            | 239.16      | 4,681.5             | -2,620.6   | 661.4      | 1.00                  | 1.00                 | -371.40             | 239.16  |                    |
| 9,032.2              | 0.33            | 239.16      | 8,109.0             | -2,630.6   | 644.7      | 0.00                  | 0.00                 | 0.00                | 0.00    | O04 696 MF01D-9 B+ |
| 9,182.2              | 0.33            | 239.16      | 8,259.0             | -2,631.1   | 644.0      | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 10,923.2             | 0.33            | 239.16      | 10,000.0            | -2,636.1   | 635.5      | 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 MF01D-9 O04 696 (was 17C-4)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:** Well NP MF01D-9 O04 696 (was 17C-4)  
**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                 |                       |
| 210.0               | 0.00            | 0.00        | 210.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 240.0               | 0.00            | 0.00        | 240.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 250.0               | 0.00            | 0.00        | 250.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | KOP @ 250'            |
| 270.0               | 0.60            | 165.83      | 270.0               | -0.1       | 0.0        | 0.1                   | 3.00                  | 3.00                 |                       |
| 300.0               | 1.50            | 165.83      | 300.0               | -0.6       | 0.2        | 0.7                   | 3.00                  | 3.00                 |                       |
| 330.0               | 2.40            | 165.83      | 330.0               | -1.6       | 0.4        | 1.7                   | 3.00                  | 3.00                 |                       |
| 360.0               | 3.30            | 165.83      | 359.9               | -3.1       | 0.8        | 3.2                   | 3.00                  | 3.00                 |                       |
| 390.0               | 4.20            | 165.83      | 389.9               | -5.0       | 1.3        | 5.1                   | 3.00                  | 3.00                 |                       |
| 420.0               | 5.10            | 165.83      | 419.8               | -7.3       | 1.9        | 7.6                   | 3.00                  | 3.00                 |                       |
| 450.0               | 6.00            | 165.83      | 449.6               | -10.1      | 2.6        | 10.5                  | 3.00                  | 3.00                 |                       |
| 480.0               | 6.90            | 165.83      | 479.4               | -13.4      | 3.4        | 13.8                  | 3.00                  | 3.00                 |                       |
| 510.0               | 7.80            | 165.83      | 509.2               | -17.1      | 4.3        | 17.7                  | 3.00                  | 3.00                 |                       |
| 540.0               | 8.70            | 165.83      | 538.9               | -21.3      | 5.4        | 22.0                  | 3.00                  | 3.00                 |                       |
| 570.0               | 9.60            | 165.83      | 568.5               | -25.9      | 6.5        | 26.7                  | 3.00                  | 3.00                 |                       |
| 600.0               | 10.50           | 165.83      | 598.0               | -31.0      | 7.8        | 32.0                  | 3.00                  | 3.00                 |                       |
| 630.0               | 11.40           | 165.83      | 627.5               | -36.5      | 9.2        | 37.7                  | 3.00                  | 3.00                 |                       |
| 660.0               | 12.30           | 165.83      | 656.9               | -42.5      | 10.7       | 43.8                  | 3.00                  | 3.00                 |                       |
| 690.0               | 13.20           | 165.83      | 686.1               | -48.9      | 12.4       | 50.5                  | 3.00                  | 3.00                 |                       |
| 720.0               | 14.10           | 165.83      | 715.3               | -55.8      | 14.1       | 57.5                  | 3.00                  | 3.00                 |                       |
| 750.0               | 15.00           | 165.83      | 744.3               | -63.1      | 15.9       | 65.1                  | 3.00                  | 3.00                 |                       |
| 780.0               | 15.90           | 165.83      | 773.2               | -70.8      | 17.9       | 73.1                  | 3.00                  | 3.00                 |                       |
| 810.0               | 16.80           | 165.83      | 802.0               | -79.0      | 20.0       | 81.5                  | 3.00                  | 3.00                 |                       |
| 840.0               | 17.70           | 165.83      | 830.7               | -87.7      | 22.1       | 90.4                  | 3.00                  | 3.00                 |                       |
| 870.0               | 18.60           | 165.83      | 859.2               | -96.7      | 24.4       | 99.7                  | 3.00                  | 3.00                 |                       |
| 900.0               | 19.50           | 165.83      | 887.5               | -106.2     | 26.8       | 109.5                 | 3.00                  | 3.00                 |                       |
| 930.0               | 20.40           | 165.83      | 915.7               | -116.1     | 29.3       | 119.8                 | 3.00                  | 3.00                 |                       |
| 960.0               | 21.30           | 165.83      | 943.8               | -126.5     | 31.9       | 130.5                 | 3.00                  | 3.00                 |                       |
| 990.0               | 22.20           | 165.83      | 971.6               | -137.3     | 34.7       | 141.6                 | 3.00                  | 3.00                 |                       |
| 1,020.0             | 23.10           | 165.83      | 999.3               | -148.5     | 37.5       | 153.1                 | 3.00                  | 3.00                 |                       |
| 1,050.0             | 24.00           | 165.83      | 1,026.8             | -160.1     | 40.4       | 165.1                 | 3.00                  | 3.00                 |                       |
| 1,080.0             | 24.90           | 165.83      | 1,054.1             | -172.1     | 43.5       | 177.5                 | 3.00                  | 3.00                 |                       |
| 1,110.0             | 25.80           | 165.83      | 1,081.2             | -184.6     | 46.6       | 190.4                 | 3.00                  | 3.00                 |                       |
| 1,140.0             | 26.70           | 165.83      | 1,108.1             | -197.5     | 49.8       | 203.6                 | 3.00                  | 3.00                 |                       |
| 1,170.0             | 27.60           | 165.83      | 1,134.8             | -210.7     | 53.2       | 217.3                 | 3.00                  | 3.00                 |                       |
| 1,200.0             | 28.50           | 165.83      | 1,161.3             | -224.4     | 56.6       | 231.4                 | 3.00                  | 3.00                 |                       |
| 1,230.0             | 29.40           | 165.83      | 1,187.6             | -238.5     | 60.2       | 245.9                 | 3.00                  | 3.00                 |                       |
| 1,260.0             | 30.30           | 165.83      | 1,213.6             | -253.0     | 63.9       | 260.9                 | 3.00                  | 3.00                 |                       |
| 1,290.0             | 31.20           | 165.83      | 1,239.4             | -267.8     | 67.6       | 276.2                 | 3.00                  | 3.00                 |                       |
| 1,320.0             | 32.10           | 165.83      | 1,264.9             | -283.1     | 71.5       | 292.0                 | 3.00                  | 3.00                 |                       |
| 1,350.0             | 33.00           | 165.83      | 1,290.2             | -298.7     | 75.4       | 308.1                 | 3.00                  | 3.00                 |                       |
| 1,380.0             | 33.90           | 165.83      | 1,315.2             | -314.8     | 79.5       | 324.6                 | 3.00                  | 3.00                 |                       |
| 1,410.0             | 34.80           | 165.83      | 1,340.0             | -331.2     | 83.6       | 341.6                 | 3.00                  | 3.00                 |                       |
| 1,440.0             | 35.70           | 165.83      | 1,364.5             | -348.0     | 87.8       | 358.9                 | 3.00                  | 3.00                 |                       |
| 1,470.0             | 36.60           | 165.83      | 1,388.7             | -365.1     | 92.2       | 376.6                 | 3.00                  | 3.00                 |                       |
| 1,500.0             | 37.50           | 165.83      | 1,412.6             | -382.7     | 96.6       | 394.6                 | 3.00                  | 3.00                 |                       |

## Planning Report

|                  |                                |                                     |                                      |
|------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | USA EDM 5000 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <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 MF01D-9 O04 696 (was 17C-4) | <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 |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 1,530.0             | 38.40           | 165.83      | 1,436.3             | -400.6     | 101.1      | 413.1                 | 3.00                  | 3.00                 |                       |
| 1,560.0             | 39.30           | 165.83      | 1,459.7             | -418.8     | 105.7      | 431.9                 | 3.00                  | 3.00                 |                       |
| 1,590.0             | 40.20           | 165.83      | 1,482.7             | -437.4     | 110.4      | 451.1                 | 3.00                  | 3.00                 |                       |
| 1,620.0             | 41.10           | 165.83      | 1,505.5             | -456.3     | 115.2      | 470.6                 | 3.00                  | 3.00                 |                       |
| 1,650.0             | 42.00           | 165.83      | 1,527.9             | -475.6     | 120.1      | 490.5                 | 3.00                  | 3.00                 |                       |
| 1,680.0             | 42.90           | 165.83      | 1,550.1             | -495.3     | 125.0      | 510.8                 | 3.00                  | 3.00                 |                       |
| 1,685.5             | 43.06           | 165.83      | 1,554.1             | -498.9     | 125.9      | 514.5                 | 3.00                  | 3.00                 | EOB; Inc=43.06°       |
| 1,710.0             | 43.06           | 165.83      | 1,572.0             | -515.1     | 130.0      | 531.3                 | 0.00                  | 0.00                 |                       |
| 1,740.0             | 43.06           | 165.83      | 1,593.9             | -535.0     | 135.0      | 551.7                 | 0.00                  | 0.00                 |                       |
| 1,770.0             | 43.06           | 165.83      | 1,615.8             | -554.8     | 140.1      | 572.2                 | 0.00                  | 0.00                 |                       |
| 1,800.0             | 43.06           | 165.83      | 1,637.8             | -574.7     | 145.1      | 592.7                 | 0.00                  | 0.00                 |                       |
| 1,830.0             | 43.06           | 165.83      | 1,659.7             | -594.6     | 150.1      | 613.2                 | 0.00                  | 0.00                 |                       |
| 1,860.0             | 43.06           | 165.83      | 1,681.6             | -614.4     | 155.1      | 633.7                 | 0.00                  | 0.00                 |                       |
| 1,890.0             | 43.06           | 165.83      | 1,703.5             | -634.3     | 160.1      | 654.2                 | 0.00                  | 0.00                 |                       |
| 1,920.0             | 43.06           | 165.83      | 1,725.4             | -654.2     | 165.1      | 674.6                 | 0.00                  | 0.00                 |                       |
| 1,950.0             | 43.06           | 165.83      | 1,747.3             | -674.0     | 170.1      | 695.1                 | 0.00                  | 0.00                 |                       |
| 1,980.0             | 43.06           | 165.83      | 1,769.3             | -693.9     | 175.2      | 715.6                 | 0.00                  | 0.00                 |                       |
| 2,010.0             | 43.06           | 165.83      | 1,791.2             | -713.7     | 180.2      | 736.1                 | 0.00                  | 0.00                 |                       |
| 2,040.0             | 43.06           | 165.83      | 1,813.1             | -733.6     | 185.2      | 756.6                 | 0.00                  | 0.00                 |                       |
| 2,070.0             | 43.06           | 165.83      | 1,835.0             | -753.5     | 190.2      | 777.1                 | 0.00                  | 0.00                 |                       |
| 2,100.0             | 43.06           | 165.83      | 1,856.9             | -773.3     | 195.2      | 797.5                 | 0.00                  | 0.00                 |                       |
| 2,130.0             | 43.06           | 165.83      | 1,878.9             | -793.2     | 200.2      | 818.0                 | 0.00                  | 0.00                 |                       |
| 2,160.0             | 43.06           | 165.83      | 1,900.8             | -813.0     | 205.2      | 838.5                 | 0.00                  | 0.00                 |                       |
| 2,190.0             | 43.06           | 165.83      | 1,922.7             | -832.9     | 210.2      | 859.0                 | 0.00                  | 0.00                 |                       |
| 2,220.0             | 43.06           | 165.83      | 1,944.6             | -852.8     | 215.3      | 879.5                 | 0.00                  | 0.00                 |                       |
| 2,250.0             | 43.06           | 165.83      | 1,966.5             | -872.6     | 220.3      | 900.0                 | 0.00                  | 0.00                 |                       |
| 2,280.0             | 43.06           | 165.83      | 1,988.4             | -892.5     | 225.3      | 920.4                 | 0.00                  | 0.00                 |                       |
| 2,310.0             | 43.06           | 165.83      | 2,010.4             | -912.4     | 230.3      | 940.9                 | 0.00                  | 0.00                 |                       |
| 2,340.0             | 43.06           | 165.83      | 2,032.3             | -932.2     | 235.3      | 961.4                 | 0.00                  | 0.00                 |                       |
| 2,370.0             | 43.06           | 165.83      | 2,054.2             | -952.1     | 240.3      | 981.9                 | 0.00                  | 0.00                 |                       |
| 2,400.0             | 43.06           | 165.83      | 2,076.1             | -971.9     | 245.3      | 1,002.4               | 0.00                  | 0.00                 |                       |
| 2,430.0             | 43.06           | 165.83      | 2,098.0             | -991.8     | 250.4      | 1,022.9               | 0.00                  | 0.00                 |                       |
| 2,460.0             | 43.06           | 165.83      | 2,119.9             | -1,011.7   | 255.4      | 1,043.3               | 0.00                  | 0.00                 |                       |
| 2,490.0             | 43.06           | 165.83      | 2,141.9             | -1,031.5   | 260.4      | 1,063.8               | 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 MF01D-9 TGT   | 0.00          | 0.00         | 4,649.0  | -2,620.6   | 661.5      | 1,633,324.30  | 2,265,277.29 | 39° 32' 35.96 N | 108° 6' 20.43 W |
| - plan misses target center by 2995.3ft at 2490.0ft MD (2141.9 TVD, -1031.5 N, 260.4 E) |               |              |          |            |            |               |              |                 |                 |
| - Point   |               |              |          |            |            |               |              |                 |                 |
| O04 696 MF01D-9 BHL   | 0.00          | 0.00         | 8,109.0  | -2,630.6   | 644.7      | 1,633,314.76  | 2,265,260.22 | 39° 32' 35.86 N | 108° 6' 20.64 W |
| - plan misses target center by 6189.6ft at 2490.0ft MD (2141.9 TVD, -1031.5 N, 260.4 E) |               |              |          |            |            |               |              |                 |                 |
| - Rectangle (sides W30.0 H50.0 D0.0)  |               |              |          |            |            |               |              |                 |                 |

# 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 MF01D-9 O04 696 (was 17C-4)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:** Well NP MF01D-9 O04 696 (was 17C-4)  
**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             | 43.06           | 165.83      | 2,149.2             | -1,038.1   | 262.1      | 1,070.6               | 0.00                  | 0.00                 |  |
| 2,600.0             | 43.06           | 165.83      | 2,222.2             | -1,104.4   | 278.8      | 1,138.9               | 0.00                  | 0.00                 |  |
| 2,700.0             | 43.06           | 165.83      | 2,295.3             | -1,170.6   | 295.5      | 1,207.2               | 0.00                  | 0.00                 |  |
| 2,800.0             | 43.06           | 165.83      | 2,368.3             | -1,236.8   | 312.2      | 1,275.5               | 0.00                  | 0.00                 |  |
| 2,900.0             | 43.06           | 165.83      | 2,441.4             | -1,303.0   | 328.9      | 1,343.8               | 0.00                  | 0.00                 |  |
| 3,000.0             | 43.06           | 165.83      | 2,514.5             | -1,369.2   | 345.6      | 1,412.0               | 0.00                  | 0.00                 |  |
| 3,100.0             | 43.06           | 165.83      | 2,587.5             | -1,435.4   | 362.3      | 1,480.3               | 0.00                  | 0.00                 |  |
| 3,200.0             | 43.06           | 165.83      | 2,660.6             | -1,501.6   | 379.0      | 1,548.6               | 0.00                  | 0.00                 |  |
| 3,300.0             | 43.06           | 165.83      | 2,733.6             | -1,567.8   | 395.7      | 1,616.9               | 0.00                  | 0.00                 |  |
| 3,400.0             | 43.06           | 165.83      | 2,806.7             | -1,634.0   | 412.5      | 1,685.1               | 0.00                  | 0.00                 |  |
| 3,500.0             | 43.06           | 165.83      | 2,879.8             | -1,700.2   | 429.2      | 1,753.4               | 0.00                  | 0.00                 |  |
| 3,600.0             | 43.06           | 165.83      | 2,952.8             | -1,766.4   | 445.9      | 1,821.7               | 0.00                  | 0.00                 |  |
| 3,700.0             | 43.06           | 165.83      | 3,025.9             | -1,832.6   | 462.6      | 1,890.0               | 0.00                  | 0.00                 |  |
| 3,800.0             | 43.06           | 165.83      | 3,098.9             | -1,898.8   | 479.3      | 1,958.3               | 0.00                  | 0.00                 |  |
| 3,900.0             | 43.06           | 165.83      | 3,172.0             | -1,965.0   | 496.0      | 2,026.5               | 0.00                  | 0.00                 |  |
| 4,000.0             | 43.06           | 165.83      | 3,245.1             | -2,031.2   | 512.7      | 2,094.8               | 0.00                  | 0.00                 |  |
| 4,100.0             | 43.06           | 165.83      | 3,318.1             | -2,097.4   | 529.4      | 2,163.1               | 0.00                  | 0.00                 |  |
| 4,136.7             | 43.06           | 165.83      | 3,344.9             | -2,121.7   | 535.6      | 2,188.1               | 0.00                  | 0.00                 | Start Drop -3.00                           |
| 4,200.0             | 41.16           | 165.83      | 3,391.9             | -2,162.9   | 546.0      | 2,230.6               | 3.00                  | -3.00                |  |
| 4,300.0             | 38.16           | 165.83      | 3,468.9             | -2,224.8   | 561.6      | 2,294.4               | 3.00                  | -3.00                |  |
| 4,400.0             | 35.16           | 165.83      | 3,549.1             | -2,282.7   | 576.2      | 2,354.1               | 3.00                  | -3.00                |  |
| 4,500.0             | 32.16           | 165.83      | 3,632.3             | -2,336.4   | 589.8      | 2,409.5               | 3.00                  | -3.00                |  |
| 4,600.0             | 29.16           | 165.83      | 3,718.3             | -2,385.8   | 602.2      | 2,460.5               | 3.00                  | -3.00                |  |
| 4,700.0             | 26.16           | 165.83      | 3,806.8             | -2,430.8   | 613.6      | 2,507.0               | 3.00                  | -3.00                |  |
| 4,800.0             | 23.16           | 165.83      | 3,897.7             | -2,471.3   | 623.8      | 2,548.7               | 3.00                  | -3.00                |  |
| 4,900.0             | 20.16           | 165.83      | 3,990.6             | -2,507.1   | 632.8      | 2,585.6               | 3.00                  | -3.00                |  |
| 5,000.0             | 17.16           | 165.83      | 4,085.4             | -2,538.1   | 640.7      | 2,617.6               | 3.00                  | -3.00                |  |
| 5,100.0             | 14.16           | 165.83      | 4,181.6             | -2,564.3   | 647.3      | 2,644.6               | 3.00                  | -3.00                |  |
| 5,200.0             | 11.16           | 165.83      | 4,279.2             | -2,585.6   | 652.7      | 2,666.5               | 3.00                  | -3.00                |  |
| 5,300.0             | 8.16            | 165.83      | 4,377.8             | -2,601.8   | 656.8      | 2,683.3               | 3.00                  | -3.00                |  |
| 5,400.0             | 5.16            | 165.83      | 4,477.1             | -2,613.1   | 659.6      | 2,694.9               | 3.00                  | -3.00                |  |
| 5,500.0             | 2.16            | 165.83      | 4,576.9             | -2,619.3   | 661.2      | 2,701.3               | 3.00                  | -3.00                |  |
| 5,532.2             | 1.20            | 165.83      | 4,609.0             | -2,620.2   | 661.4      | 2,702.2               | 3.00                  | -3.00                | Williams Fork                              |
| 5,572.2             | 0.00            | 0.00        | 4,649.0             | -2,620.6   | 661.5      | 2,702.6               | 3.00                  | -3.00                | EOD; Inc=0° - Top of Gas - O04 696 MF01D-9 |
| 5,600.0             | 0.28            | 239.16      | 4,676.8             | -2,620.6   | 661.4      | 2,702.7               | 1.00                  | 1.00                 |  |
| 5,604.7             | 0.33            | 239.16      | 4,681.5             | -2,620.6   | 661.4      | 2,702.7               | 1.00                  | 1.00                 |  |
| 5,700.0             | 0.33            | 239.16      | 4,776.8             | -2,620.9   | 661.0      | 2,702.8               | 0.00                  | 0.00                 |  |
| 5,800.0             | 0.33            | 239.16      | 4,876.8             | -2,621.2   | 660.5      | 2,703.0               | 0.00                  | 0.00                 |  |
| 5,900.0             | 0.33            | 239.16      | 4,976.8             | -2,621.5   | 660.0      | 2,703.2               | 0.00                  | 0.00                 |  |
| 6,000.0             | 0.33            | 239.16      | 5,076.8             | -2,621.8   | 659.5      | 2,703.3               | 0.00                  | 0.00                 |  |
| 6,100.0             | 0.33            | 239.16      | 5,176.8             | -2,622.1   | 659.0      | 2,703.5               | 0.00                  | 0.00                 |  |
| 6,200.0             | 0.33            | 239.16      | 5,276.8             | -2,622.4   | 658.5      | 2,703.7               | 0.00                  | 0.00                 |  |
| 6,300.0             | 0.33            | 239.16      | 5,376.8             | -2,622.7   | 658.0      | 2,703.8               | 0.00                  | 0.00                 |  |
| 6,400.0             | 0.33            | 239.16      | 5,476.8             | -2,623.0   | 657.5      | 2,704.0               | 0.00                  | 0.00                 |  |
| 6,500.0             | 0.33            | 239.16      | 5,576.8             | -2,623.3   | 657.1      | 2,704.2               | 0.00                  | 0.00                 |  |
| 6,600.0             | 0.33            | 239.16      | 5,676.8             | -2,623.5   | 656.6      | 2,704.4               | 0.00                  | 0.00                 |  |
| 6,700.0             | 0.33            | 239.16      | 5,776.8             | -2,623.8   | 656.1      | 2,704.5               | 0.00                  | 0.00                 |  |
| 6,800.0             | 0.33            | 239.16      | 5,876.8             | -2,624.1   | 655.6      | 2,704.7               | 0.00                  | 0.00                 |  |
| 6,900.0             | 0.33            | 239.16      | 5,976.8             | -2,624.4   | 655.1      | 2,704.9               | 0.00                  | 0.00                 |  |
| 7,000.0             | 0.33            | 239.16      | 6,076.8             | -2,624.7   | 654.6      | 2,705.0               | 0.00                  | 0.00                 |  |
| 7,100.0             | 0.33            | 239.16      | 6,176.8             | -2,625.0   | 654.1      | 2,705.2               | 0.00                  | 0.00                 |  |
| 7,200.0             | 0.33            | 239.16      | 6,276.8             | -2,625.3   | 653.6      | 2,705.4               | 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 MF01D-9 O04 696 (was 17C-4)  
**Wellbore:** DD  
**Design:** Plan #2

**Local Co-ordinate Reference:**  
**TVD Reference:**  
**MD Reference:**  
**North Reference:**  
**Survey Calculation Method:**

Well NP MF01D-9 O04 696 (was 17C-4)  
 WELL @ 6044.0ft (Original Well Elev)  
 WELL @ 6044.0ft (Original Well Elev)  
 True  
 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                   |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---|
| 7,300.0             | 0.33            | 239.16      | 6,376.8             | -2,625.6   | 653.2      | 2,705.5               | 0.00                  | 0.00                 |   |
| 7,400.0             | 0.33            | 239.16      | 6,476.8             | -2,625.9   | 652.7      | 2,705.7               | 0.00                  | 0.00                 |   |
| 7,500.0             | 0.33            | 239.16      | 6,576.8             | -2,626.2   | 652.2      | 2,705.9               | 0.00                  | 0.00                 |   |
| 7,600.0             | 0.33            | 239.16      | 6,676.8             | -2,626.5   | 651.7      | 2,706.0               | 0.00                  | 0.00                 |   |
| 7,700.0             | 0.33            | 239.16      | 6,776.8             | -2,626.7   | 651.2      | 2,706.2               | 0.00                  | 0.00                 |   |
| 7,800.0             | 0.33            | 239.16      | 6,876.8             | -2,627.0   | 650.7      | 2,706.4               | 0.00                  | 0.00                 |   |
| 7,900.0             | 0.33            | 239.16      | 6,976.8             | -2,627.3   | 650.2      | 2,706.5               | 0.00                  | 0.00                 |   |
| 8,000.0             | 0.33            | 239.16      | 7,076.8             | -2,627.6   | 649.7      | 2,706.7               | 0.00                  | 0.00                 |   |
| 8,100.0             | 0.33            | 239.16      | 7,176.8             | -2,627.9   | 649.3      | 2,706.9               | 0.00                  | 0.00                 |   |
| 8,200.0             | 0.33            | 239.16      | 7,276.8             | -2,628.2   | 648.8      | 2,707.1               | 0.00                  | 0.00                 |   |
| 8,300.0             | 0.33            | 239.16      | 7,376.8             | -2,628.5   | 648.3      | 2,707.2               | 0.00                  | 0.00                 |   |
| 8,400.0             | 0.33            | 239.16      | 7,476.8             | -2,628.8   | 647.8      | 2,707.4               | 0.00                  | 0.00                 |   |
| 8,500.0             | 0.33            | 239.16      | 7,576.8             | -2,629.1   | 647.3      | 2,707.6               | 0.00                  | 0.00                 |   |
| 8,600.0             | 0.33            | 239.16      | 7,676.8             | -2,629.4   | 646.8      | 2,707.7               | 0.00                  | 0.00                 |   |
| 8,700.0             | 0.33            | 239.16      | 7,776.8             | -2,629.7   | 646.3      | 2,707.9               | 0.00                  | 0.00                 |   |
| 8,800.0             | 0.33            | 239.16      | 7,876.8             | -2,630.0   | 645.8      | 2,708.1               | 0.00                  | 0.00                 |   |
| 8,900.0             | 0.33            | 239.16      | 7,976.8             | -2,630.2   | 645.4      | 2,708.2               | 0.00                  | 0.00                 |   |
| 9,000.0             | 0.33            | 239.16      | 8,076.8             | -2,630.5   | 644.9      | 2,708.4               | 0.00                  | 0.00                 |   |
| 9,032.2             | 0.33            | 239.16      | 8,109.0             | -2,630.6   | 644.7      | 2,708.5               | 0.00                  | 0.00                 | Rollins - O04 696 MF01D-9 BHL (6.13.11) |
| 9,100.0             | 0.33            | 239.16      | 8,176.8             | -2,630.8   | 644.4      | 2,708.6               | 0.00                  | 0.00                 |   |
| 9,182.2             | 0.33            | 239.16      | 8,259.0             | -2,631.1   | 644.0      | 2,708.7               | 0.00                  | 0.00                 | Drillers TD @ 8259' TVD                 |
| 9,200.0             | 0.33            | 239.16      | 8,276.8             | -2,631.1   | 643.9      | 2,708.7               | 0.00                  | 0.00                 |   |
| 9,300.0             | 0.33            | 239.16      | 8,376.8             | -2,631.4   | 643.4      | 2,708.9               | 0.00                  | 0.00                 |   |
| 9,400.0             | 0.33            | 239.16      | 8,476.8             | -2,631.7   | 642.9      | 2,709.1               | 0.00                  | 0.00                 |   |
| 9,500.0             | 0.33            | 239.16      | 8,576.8             | -2,632.0   | 642.4      | 2,709.2               | 0.00                  | 0.00                 |   |
| 9,600.0             | 0.33            | 239.16      | 8,676.8             | -2,632.3   | 641.9      | 2,709.4               | 0.00                  | 0.00                 |   |
| 9,700.0             | 0.33            | 239.16      | 8,776.8             | -2,632.6   | 641.5      | 2,709.6               | 0.00                  | 0.00                 |   |
| 9,800.0             | 0.33            | 239.16      | 8,876.8             | -2,632.9   | 641.0      | 2,709.8               | 0.00                  | 0.00                 |   |
| 9,900.0             | 0.33            | 239.16      | 8,976.8             | -2,633.2   | 640.5      | 2,709.9               | 0.00                  | 0.00                 |   |
| 10,000.0            | 0.33            | 239.16      | 9,076.8             | -2,633.4   | 640.0      | 2,710.1               | 0.00                  | 0.00                 |   |
| 10,100.0            | 0.33            | 239.16      | 9,176.8             | -2,633.7   | 639.5      | 2,710.3               | 0.00                  | 0.00                 |   |
| 10,200.0            | 0.33            | 239.16      | 9,276.8             | -2,634.0   | 639.0      | 2,710.4               | 0.00                  | 0.00                 |   |
| 10,300.0            | 0.33            | 239.16      | 9,376.8             | -2,634.3   | 638.5      | 2,710.6               | 0.00                  | 0.00                 |   |
| 10,400.0            | 0.33            | 239.16      | 9,476.8             | -2,634.6   | 638.0      | 2,710.8               | 0.00                  | 0.00                 |   |
| 10,500.0            | 0.33            | 239.16      | 9,576.8             | -2,634.9   | 637.6      | 2,710.9               | 0.00                  | 0.00                 |   |
| 10,600.0            | 0.33            | 239.16      | 9,676.8             | -2,635.2   | 637.1      | 2,711.1               | 0.00                  | 0.00                 |   |
| 10,700.0            | 0.33            | 239.16      | 9,776.8             | -2,635.5   | 636.6      | 2,711.3               | 0.00                  | 0.00                 |   |
| 10,800.0            | 0.33            | 239.16      | 9,876.8             | -2,635.8   | 636.1      | 2,711.4               | 0.00                  | 0.00                 |   |
| 10,900.0            | 0.33            | 239.16      | 9,976.8             | -2,636.1   | 635.6      | 2,711.6               | 0.00                  | 0.00                 |   |
| 10,923.2            | 0.33            | 239.16      | 10,000.0            | -2,636.1   | 635.5      | 2,711.6               | 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 MF01D-9 O04 696 (was 17C-4)  |
| <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 MF01D-9 O04 696 (was 17C-4) | <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 MF01D-9 TGT                  | 0.00      | 0.00     | 4,649.0 | -2,620.6 | 661.5 | 1,633,324.30 | 2,265,277.29 | 39° 32' 35.96 N | 108° 6' 20.43 W |
| - plan hits target center            |           |          |         |          |       |              |              |                 |                 |
| - Point                              |           |          |         |          |       |              |              |                 |                 |
| O04 696 MF01D-9 BHL                  | 0.00      | 0.00     | 8,109.0 | -2,630.6 | 644.7 | 1,633,314.76 | 2,265,260.22 | 39° 32' 35.86 N | 108° 6' 20.64 W |
| - plan hits target center            |           |          |         |          |       |              |              |                 |                 |
| - Rectangle (sides W30.0 H50.0 D0.0) |           |          |         |          |       |              |              |                 |                 |

| Formations     |                |               |           |      |               |
|----------------|----------------|---------------|-----------|------|---------------|
| Measured Depth | Vertical Depth | Name          | Lithology | Dip  | Dip Direction |
| (ft)           | (ft)           |               |           | (°)  | (°)           |
| 5,532.2        | 4,609.0        | Williams Fork |           | 0.00 |               |
| 5,572.2        | 4,649.0        | Top of Gas    |           | 0.00 |               |
| 9,032.2        | 8,109.0        | Rollins       |           | 0.00 |               |

| Plan Annotations |                |                   |            |                         |
|------------------|----------------|-------------------|------------|-------------------------|
| Measured Depth   | Vertical Depth | Local Coordinates |            | Comment                 |
| (ft)             | (ft)           | +N/-S (ft)        | +E/-W (ft) |                         |
| 250.0            | 250.0          | 0.0               | 0.0        | KOP @ 250'              |
| 1,685.5          | 1,554.1        | -498.9            | 125.9      | EOB; Inc=43.06°         |
| 4,136.7          | 3,344.9        | -2,121.7          | 535.6      | Start Drop -3.00        |
| 5,572.2          | 4,649.0        | -2,620.6          | 661.5      | EOD; Inc=0°             |
| 9,182.2          | 8,259.0        | -2,620.6          | 661.4      | Drillers TD @ 8259' TVD |
| 10,923.2         | 10,000.0       | -2,630.6          | 644.7      | Permit TD @ 10000' TVD  |

# **EnCana Oil & Gas (USA) Inc**

**North Piceance**

**O04 696 (3rd)**

**NP MF01D-9 O04 696 (was 17C-4)**

**DD**

**Plan #2**

## **Anticollision Report**

**14 June, 2011**



## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

|                                     |   |                       |                     |
|-------------------------------------|---|-----------------------|---------------------|
| <b>Reference</b>                    | Plan #2   |                       |                     |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |                       |                     |
| <b>Interpolation Method:</b>        | MD Interval 100.0ft   | <b>Error Model:</b>   | Systematic Ellipse  |
| <b>Depth Range:</b>                 | Unlimited   | <b>Scan Method:</b>   | Closest Approach 3D |
| <b>Results Limited by:</b>          | Maximum center-center distance of 100.0ft                           | <b>Error Surface:</b> | Elliptical Conic    |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma  |                       |                     |

|                            |                |                          |                  |                    |  |
|----------------------------|----------------|--------------------------|------------------|--------------------|--|
| <b>Survey Tool Program</b> |                | <b>Date</b>              | 6/14/2011        |                    |  |
| <b>From (ft)</b>           | <b>To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 0.0                        | 10,923.2       | Plan #2 (DD)             | MWD              | Geolink MWD        |  |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

## Summary

| Site Name<br>Offset Well - Wellbore - Design   | Reference                 | Offset                    | Distance                   |                             | Separation | Warning      |
|--|---------------------------|---------------------------|----------------------------|-----------------------------|------------|--------------|
|  | Measured<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) |            |              |
| D09A 696 (NWNW S9-T6S-R96W)                    |                           |                           |                            |                             |            |              |
| N.P MF02C-9 D09A 696 - DD - Plan #1            |                           |                           |                            |                             |            | Out of range |
| N.P MF02C-9 D09A 696 - DD - Plan #2            |                           |                           |                            |                             |            | Out of range |
| N.P MF02C-9 D09A 696 - DD - Plan #3            |                           |                           |                            |                             |            | Out of range |
| NP MF02C D09A 696 - DD - DD                    |                           |                           |                            |                             |            | Out of range |
| NP MF02C D09A 696 - DD - Plan #1               |                           |                           |                            |                             |            | Out of range |
| NP MF02C D09A 696 - DD - Plan #2               |                           |                           |                            |                             |            | Out of range |
| NP MF07A D09A 696 - DD - DD                    |                           |                           |                            |                             |            | Out of range |
| NP MF07A D09A 696 - DD - Plan #1               |                           |                           |                            |                             |            | Out of range |
| E09 696 (SWNW S9-T6S-R96W)                     |                           |                           |                            |                             |            |              |
| NP MF02C-9 E09 696 - DD - DD                   |                           |                           |                            |                             |            | Out of range |
| NP MF02C-9 E09 696 - DD - Plan #1              |                           |                           |                            |                             |            | Out of range |
| NP MF02C-9 E09 696 - DD - Plan #2              |                           |                           |                            |                             |            | Out of range |
| NP MF02C-9 E09 696 - DD - Plan #3              |                           |                           |                            |                             |            | Out of range |
| NP MF07A E09 696(Moved off Pad) - DD - Plan #1 |                           |                           |                            |                             |            | Out of range |
| NP MF07C E09 696 - DD - DD                     |                           |                           |                            |                             |            | Out of range |
| NP MF07C E09 696 - DD - Plan #2                |                           |                           |                            |                             |            | Out of range |
| NP MF07C E09 696 - DD - Plan #3                |                           |                           |                            |                             |            | Out of range |
| NP MF07C E09 696 - DD - Plan #4                |                           |                           |                            |                             |            | Out of range |
| O04 696 (3rd)                                  |                           |                           |                            |                             |            |              |
| NP MF02A-9 O04 696 (was 18C-4) - DD - Plan #2  | 200.0                     | 200.0                     | 28.1                       | 27.5                        | 45.278     | CC, ES       |
| NP MF02A-9 O04 696 (was 18C-4) - DD - Plan #2  | 1,000.0                   | 980.9                     | 92.0                       | 85.7                        | 14.802     | SF           |
| NP MF06A-3 O04 696 (was 11C-3) - DD - Plan #2  | 200.0                     | 200.0                     | 91.3                       | 90.7                        | 147.001    | CC, ES       |
| NP MF06A-3 O04 696 (was 11C-3) - DD - Plan #2  | 300.0                     | 296.3                     | 93.7                       | 92.8                        | 96.932     | SF           |
| NP MF06B-3 O04 696 (was 15A-4) - DD - Plan #2  |                           |                           |                            |                             |            | Out of range |
| NP MF06C-3 O04 696 (was 09C-4) - DD - Plan #2  |                           |                           |                            |                             |            | Out of range |
| NP MF06E-3 O04 696 (was 11B-3) - DD - Plan #2  |                           |                           |                            |                             |            | Out of range |
| NP MF08B-9 O04 696 (was 01B-9) - DD - Plan #2  | 200.0                     | 200.0                     | 22.1                       | 21.5                        | 35.633     | CC, ES       |
| NP MF08B-9 O04 696 (was 01B-9) - DD - Plan #2  | 2,700.0                   | 2,670.3                   | 96.0                       | 77.4                        | 5.175      | SF           |
| NP MF11A-3 O04 696 (was 12C-3) - DD - Plan #2  |                           |                           |                            |                             |            | Out of range |
| NP MF11B-3 O04 696 (was 14A-3) - DD - Plan #2  | 200.0                     | 200.0                     | 91.6                       | 91.0                        | 147.399    | CC, ES       |
| NP MF11B-3 O04 696 (was 14A-3) - DD - Plan #2  | 300.0                     | 295.4                     | 94.4                       | 93.4                        | 98.014     | SF           |
| NP MF11D-3 O04 696 (was 14B-3) - DD - Plan #2  | 200.0                     | 200.0                     | 83.9                       | 83.3                        | 135.103    | CC, ES       |
| NP MF11D-3 O04 696 (was 14B-3) - DD - Plan #2  | 400.0                     | 391.0                     | 96.7                       | 95.4                        | 73.180     | SF           |
| NP MF11E-3 O04 696 (was 13A-3) - DD - Plan #2  | 200.0                     | 200.0                     | 63.2                       | 62.6                        | 101.702    | CC, ES       |
| NP MF11E-3 O04 696 (was 13A-3) - DD - Plan #2  | 500.0                     | 488.1                     | 93.4                       | 91.6                        | 53.898     | SF           |
| NP MF11G-3 O04 696 (was 14C-3) - DD - Plan #2  | 200.0                     | 200.0                     | 55.5                       | 54.9                        | 89.346     | CC           |
| NP MF11G-3 O04 696 (was 14C-3) - DD - Plan #2  | 228.2                     | 228.2                     | 55.6                       | 54.9                        | 77.216     | ES           |
| NP MF11G-3 O04 696 (was 14C-3) - DD - Plan #2  | 500.0                     | 494.1                     | 73.8                       | 72.1                        | 42.867     | SF           |
| NP MF14A-3 O04 696 (was 13B-3) - DD - Plan #2  | 200.0                     | 200.0                     | 63.6                       | 63.0                        | 102.386    | CC, ES       |
| NP MF14A-3 O04 696 (was 13B-3) - DD - Plan #2  | 500.0                     | 489.3                     | 90.5                       | 88.8                        | 51.318     | SF           |
| NP MF14C-3 O04 696 (was 14D-3) - DD - Plan #2  | 200.0                     | 200.0                     | 56.0                       | 55.4                        | 90.161     | CC, ES       |
| NP MF14C-3 O04 696 (was 14D-3) - DD - Plan #2  | 500.0                     | 491.2                     | 80.9                       | 79.1                        | 45.250     | SF           |
| NP MF14D-3 O04 696 (was 19A-3) - DD - Plan #2  | 200.0                     | 200.0                     | 35.8                       | 35.2                        | 57.679     | CC           |
| NP MF14D-3 O04 696 (was 19A-3) - DD - Plan #2  | 228.4                     | 228.4                     | 35.9                       | 35.2                        | 49.837     | ES           |
| NP MF14D-3 O04 696 (was 19A-3) - DD - Plan #2  | 500.0                     | 497.1                     | 51.7                       | 50.0                        | 29.701     | SF           |
| NP MF14E-3 O04 696 (was 19B-3) - DD - Plan #2  | 200.0                     | 200.0                     | 36.6                       | 35.9                        | 58.856     | CC, ES       |
| NP MF14E-3 O04 696 (was 19B-3) - DD - Plan #2  | 600.0                     | 591.3                     | 74.0                       | 71.6                        | 30.778     | SF           |
| NP MF15A-4 O04 696 (was 11D-3) - DD - Plan #2  | 200.0                     | 200.0                     | 83.7                       | 83.0                        | 134.650    | CC, ES       |
| NP MF15A-4 O04 696 (was 11D-3) - DD - Plan #2  | 400.0                     | 393.6                     | 94.1                       | 92.7                        | 69.968     | SF           |
| NP MF15D-4 O04 696 (was 01B-9) - DD - Plan #2  | 401.2                     | 400.6                     | 18.6                       | 17.3                        | 13.886     | CC, ES       |
| NP MF15D-4 O04 696 (was 01B-9) - DD - Plan #2  | 500.0                     | 497.9                     | 23.3                       | 21.5                        | 13.349     | SF           |

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

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Summary                                       |                               |                            |                               |                                |                   |         |
|---|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|---------|
| Site Name                                     | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design               |                               |                            |                               |                                |                   |         |
| O04 696 (3rd)                                 |                               |                            |                               |                                |                   |         |
| NP MF18B-4 O04 696 (was 01A-9) - DD - Plan #2 | 200.0                         | 200.0                      | 29.4                          | 28.8                           | 47.358            | CC, ES  |
| NP MF18B-4 O04 696 (was 01A-9) - DD - Plan #2 | 900.0                         | 892.5                      | 39.9                          | 35.2                           | 8.606             | SF      |
| NP MF19A-3 O04 696 (was 17B-4) - DD - Plan #2 | 200.0                         | 200.0                      | 27.4                          | 26.7                           | 44.046            | CC      |
| NP MF19A-3 O04 696 (was 17B-4) - DD - Plan #2 | 227.8                         | 227.8                      | 27.4                          | 26.7                           | 38.176            | ES      |
| NP MF19A-3 O04 696 (was 17B-4) - DD - Plan #2 | 500.0                         | 498.2                      | 41.7                          | 39.9                           | 23.201            | SF      |
| NP MF19C-3 O04 696 (was 20B-3) - DD - Plan #2 | 200.0                         | 200.0                      | 28.5                          | 27.9                           | 45.937            | CC, ES  |
| NP MF19C-3 O04 696 (was 20B-3) - DD - Plan #2 | 800.0                         | 786.9                      | 95.2                          | 91.1                           | 23.095            | SF      |
| NP MF19D-3 O04 696 (was 19C-3) - DD - Plan #2 | 200.0                         | 200.0                      | 7.7                           | 7.1                            | 12.373            | CC      |
| NP MF19D-3 O04 696 (was 19C-3) - DD - Plan #2 | 230.1                         | 230.1                      | 7.8                           | 7.0                            | 10.685            | ES      |
| NP MF19D-3 O04 696 (was 19C-3) - DD - Plan #2 | 300.0                         | 300.0                      | 8.1                           | 7.1                            | 8.354             | SF      |
| NP MF19E-3 O04 696 (was 19D-3) - DD - Plan #2 | 200.0                         | 200.0                      | 11.0                          | 10.4                           | 17.726            | CC, ES  |
| NP MF19E-3 O04 696 (was 19D-3) - DD - Plan #2 | 400.0                         | 398.8                      | 17.8                          | 16.5                           | 13.129            | SF      |
| NP MF20F-3 O04 696 (was 20D-3) - DD - Plan #2 | 200.0                         | 200.0                      | 8.0                           | 7.4                            | 12.948            | CC, ES  |
| NP MF20F-3 O04 696 (was 20D-3) - DD - Plan #2 | 400.0                         | 398.8                      | 13.8                          | 12.4                           | 10.344            | SF      |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design   |                |                |                |                 |        |                   |                        |            |                 |                  |                   |            | O04 696 (3rd) - NP MF02A-9 O04 696 (was 18C-4) - DD - Plan #2 |  | Offset Site Error: |  | 0.0 ft |
|-----------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|-------------------|------------|---|--|--------------------|--|--------|
| Survey Program: |                |                |                |                 |        |                   |                        |            |                 |                  |                   |            | 0-MWD   |  | Offset Well Error: |  | 0.0 ft |
| Reference       |                | Offset         |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                   |            |   |  |                    |  |        |
| Measured Depth  | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Total Uncertainty | Separation | Warning   |  |                    |  |        |
| Depth (ft)      | Depth (ft)     | Depth (ft)     | Depth (ft)     | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | Axis              | Factor     |   |  |                    |  |        |
| 0.0             | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | -142.23           | -22.2                  | -17.2      | 28.1            |                  |                   |            |   |  |                    |  |        |
| 100.0           | 100.0          | 100.0          | 100.0          | 0.1             | 0.1    | -142.23           | -22.2                  | -17.2      | 28.1            | 27.9             | 0.27              | 103.327    |   |  |                    |  |        |
| 200.0           | 200.0          | 200.0          | 200.0          | 0.3             | 0.3    | -142.23           | -22.2                  | -17.2      | 28.1            | 27.5             | 0.62              | 45.278     | CC, ES  |  |                    |  |        |
| 300.0           | 300.0          | 298.6          | 298.6          | 0.5             | 0.5    | 50.66             | -24.7                  | -17.7      | 30.0            | 29.1             | 0.97              | 30.966     |   |  |                    |  |        |
| 400.0           | 399.8          | 397.1          | 396.8          | 0.7             | 0.7    | 51.70             | -32.2                  | -19.1      | 33.7            | 32.4             | 1.34              | 25.194     |   |  |                    |  |        |
| 500.0           | 499.3          | 495.3          | 494.1          | 0.9             | 1.0    | 55.03             | -44.6                  | -21.4      | 38.8            | 37.0             | 1.76              | 22.007     |   |  |                    |  |        |
| 600.0           | 598.0          | 593.2          | 590.5          | 1.2             | 1.3    | 59.51             | -61.9                  | -24.7      | 45.5            | 43.2             | 2.30              | 19.800     |   |  |                    |  |        |
| 700.0           | 695.8          | 690.8          | 685.4          | 1.6             | 1.8    | 64.27             | -83.9                  | -28.8      | 54.0            | 51.0             | 2.99              | 18.051     |   |  |                    |  |        |
| 800.0           | 792.4          | 787.9          | 778.6          | 2.1             | 2.3    | 68.73             | -110.5                 | -33.8      | 64.6            | 60.7             | 3.88              | 16.651     |   |  |                    |  |        |
| 900.0           | 887.5          | 884.5          | 869.9          | 2.7             | 2.9    | 72.66             | -141.5                 | -39.6      | 77.2            | 72.3             | 4.96              | 15.575     |   |  |                    |  |        |
| 1,000.0         | 980.9          | 980.9          | 959.4          | 3.3             | 3.5    | 76.01             | -177.0                 | -46.3      | 92.0            | 85.7             | 6.21              | 14.802     | SF  |  |                    |  |        |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                |                |                |                 |        |                   |                        |            |                 |                  |                   |                | 004 696 (3rd) - NP MF06A-3 004 696 (was 11C-3) - DD - Plan #2 |         | 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        | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Total Uncertainty | Separation     |   |         |                    |  |        |  |
| Depth (ft)            | Depth (ft)     | Depth (ft)     | Depth (ft)     | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             | Axis              | Factor         |   |         |                    |  |        |  |
| 0.0                   | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | 38.13             | 71.8                   | 56.4       | 91.3            |                  |                   |                |   |         |                    |  |        |  |
| 100.0                 | 100.0          | 100.0          | 100.0          | 0.1             | 0.1    | 38.13             | 71.8                   | 56.4       | 91.3            | 91.1             | 0.27              | 335.462        |   |         |                    |  |        |  |
| 200.0                 | 200.0          | 200.0          | 200.0          | 0.3             | 0.3    | 38.13             | 71.8                   | 56.4       | 91.3            | 90.7             | 0.62              | 147.001 CC, ES |   |         |                    |  |        |  |
| 300.0                 | 300.0          | 296.3          | 296.2          | 0.5             | 0.5    | -128.88           | 74.3                   | 56.4       | 93.7            | 92.8             | 0.97              | 96.932 SF      |   |         |                    |  |        |  |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design O04 696 (3rd) - NP MF08B-9 O04 696 (was 01B-9) - DD - Plan #2 |                           |                           |                           |                   |                |                             |   |               |                            |                              |                      |               | Offset Site Error: 0.0 ft   |  |
|---|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|------------------------------|----------------------|---------------|-----------------------------|--|
| Survey Program: 0-MWD   |                           |                           |                           |                   |                |                             |   |               |                            |                              |                      |               | Offset Well Error: 0.0 ft   |  |
| Reference   |                           | Offset                    |                           | Semi Major Axis   |                |                             | Distance                                |               |                            | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning       |                             |  |
| Measured<br>Depth<br>(ft)   | Vertical<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Vertical<br>Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) |                              |                      |               | Between<br>Ellipses<br>(ft) |  |
| 0.0   | 0.0                       | 0.0                       | 0.0                       | 0.0               | 0.0            | -163.56                     | -21.2                                   | -6.3          | 22.1                       |                              |                      |               |                             |  |
| 100.0   | 100.0                     | 100.0                     | 100.0                     | 0.1               | 0.1            | -163.56                     | -21.2                                   | -6.3          | 22.1                       | 21.9                         | 0.27                 | 81.315        |                             |  |
| 200.0   | 200.0                     | 200.0                     | 200.0                     | 0.3               | 0.3            | -163.56                     | -21.2                                   | -6.3          | 22.1                       | 21.5                         | 0.62                 | 35.633 CC, ES |                             |  |
| 300.0   | 300.0                     | 298.9                     | 298.9                     | 0.5               | 0.5            | 28.35                       | -23.7                                   | -5.7          | 23.8                       | 22.9                         | 0.97                 | 24.579        |                             |  |
| 400.0   | 399.8                     | 397.7                     | 397.4                     | 0.7               | 0.7            | 26.00                       | -31.2                                   | -4.0          | 26.2                       | 24.8                         | 1.33                 | 19.708        |                             |  |
| 500.0   | 499.3                     | 496.4                     | 495.2                     | 0.9               | 1.0            | 24.26                       | -43.6                                   | -1.1          | 28.5                       | 26.8                         | 1.70                 | 16.763        |                             |  |
| 600.0   | 598.0                     | 595.0                     | 592.2                     | 1.2               | 1.3            | 23.01                       | -60.9                                   | 2.9           | 30.8                       | 28.7                         | 2.09                 | 14.733        |                             |  |
| 700.0   | 695.8                     | 693.4                     | 687.9                     | 1.6               | 1.8            | 22.13                       | -83.0                                   | 8.1           | 33.1                       | 30.6                         | 2.51                 | 13.206        |                             |  |
| 800.0   | 792.4                     | 791.7                     | 782.3                     | 2.1               | 2.3            | 21.56                       | -109.8                                  | 14.3          | 35.4                       | 32.4                         | 2.95                 | 11.980        |                             |  |
| 900.0   | 887.5                     | 890.0                     | 875.0                     | 2.7               | 2.9            | 21.24                       | -141.3                                  | 21.6          | 37.6                       | 34.2                         | 3.44                 | 10.945        |                             |  |
| 1,000.0   | 980.9                     | 988.1                     | 965.9                     | 3.3               | 3.6            | 21.12                       | -177.4                                  | 30.0          | 39.8                       | 35.8                         | 3.96                 | 10.037        |                             |  |
| 1,100.0   | 1,072.2                   | 1,086.1                   | 1,054.6                   | 4.1               | 4.3            | 21.17                       | -217.9                                  | 39.4          | 41.9                       | 37.3                         | 4.54                 | 9.218         |                             |  |
| 1,200.0   | 1,161.3                   | 1,184.0                   | 1,141.0                   | 4.9               | 5.2            | 21.38                       | -262.7                                  | 49.8          | 43.9                       | 38.7                         | 5.18                 | 8.466         |                             |  |
| 1,300.0   | 1,247.9                   | 1,281.8                   | 1,224.9                   | 5.8               | 6.1            | 21.71                       | -311.8                                  | 61.2          | 45.9                       | 39.9                         | 5.90                 | 7.768         |                             |  |
| 1,400.0   | 1,331.8                   | 1,379.6                   | 1,306.0                   | 6.8               | 7.1            | 22.15                       | -364.9                                  | 73.6          | 47.7                       | 41.0                         | 6.71                 | 7.117         |                             |  |
| 1,500.0   | 1,412.6                   | 1,477.2                   | 1,384.1                   | 7.9               | 8.2            | 22.70                       | -422.0                                  | 86.8          | 49.5                       | 41.9                         | 7.61                 | 6.510         |                             |  |
| 1,600.0   | 1,490.4                   | 1,574.8                   | 1,459.1                   | 9.0               | 9.3            | 23.33                       | -482.8                                  | 100.9         | 51.3                       | 42.6                         | 8.62                 | 5.946         |                             |  |
| 1,700.0   | 1,564.7                   | 1,672.4                   | 1,530.8                   | 10.2              | 10.5           | 24.03                       | -547.2                                  | 115.9         | 53.0                       | 43.2                         | 9.75                 | 5.430         |                             |  |
| 1,800.0   | 1,637.8                   | 1,771.2                   | 1,600.5                   | 11.4              | 11.7           | 23.77                       | -615.5                                  | 131.8         | 56.8                       | 46.1                         | 10.70                | 5.315         |                             |  |
| 1,900.0   | 1,710.8                   | 1,871.1                   | 1,670.6                   | 12.6              | 13.0           | 23.37                       | -684.8                                  | 147.9         | 61.2                       | 49.6                         | 11.59                | 5.281         |                             |  |
| 2,000.0   | 1,783.9                   | 1,971.0                   | 1,740.7                   | 13.9              | 14.3           | 23.03                       | -754.2                                  | 164.0         | 65.5                       | 53.1                         | 12.47                | 5.255         |                             |  |
| 2,100.0   | 1,856.9                   | 2,070.9                   | 1,810.8                   | 15.1              | 15.5           | 22.72                       | -823.5                                  | 180.1         | 69.9                       | 56.5                         | 13.35                | 5.235         |                             |  |
| 2,200.0   | 1,930.0                   | 2,170.8                   | 1,880.8                   | 16.3              | 16.8           | 22.45                       | -892.9                                  | 196.2         | 74.2                       | 60.0                         | 14.22                | 5.219         |                             |  |
| 2,300.0   | 2,003.1                   | 2,270.7                   | 1,950.9                   | 17.5              | 18.1           | 22.21                       | -962.2                                  | 212.3         | 78.6                       | 63.5                         | 15.09                | 5.206         |                             |  |
| 2,400.0   | 2,076.1                   | 2,370.6                   | 2,021.0                   | 18.7              | 19.3           | 22.00                       | -1,031.6                                | 228.4         | 82.9                       | 67.0                         | 15.96                | 5.196         |                             |  |
| 2,500.0   | 2,149.2                   | 2,470.5                   | 2,091.1                   | 19.9              | 20.6           | 21.81                       | -1,100.9                                | 244.5         | 87.3                       | 70.4                         | 16.82                | 5.187         |                             |  |
| 2,600.0   | 2,222.2                   | 2,570.4                   | 2,161.2                   | 21.2              | 21.9           | 21.63                       | -1,170.2                                | 260.6         | 91.6                       | 73.9                         | 17.68                | 5.181         |                             |  |
| 2,700.0   | 2,295.3                   | 2,670.3                   | 2,231.3                   | 22.4              | 23.1           | 21.47                       | -1,239.6                                | 276.7         | 96.0                       | 77.4                         | 18.54                | 5.175 SF      |                             |  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF11B-3 O04 696 (was 14A-3) - DD - Plan #2 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Site Error:</b> 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|----------------------------------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Well Error:</b> 0.0 ft |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                    |   |               |                            |                             |                              |                      |                                  |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning                          |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 43.17                       | 66.8                                    | 62.7          | 91.6                       |                             |                              |                      |                                  |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 43.17                       | 66.8                                    | 62.7          | 91.6                       | 91.3                        | 0.27                         | 336.372              |                                  |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 43.17                       | 66.8                                    | 62.7          | 91.6                       | 91.0                        | 0.62                         | 147.399 CC, ES       |                                  |
| 300.0  | 300.0                  | 295.4                  | 295.4                  | 0.5               | 0.5            | -122.66                     | 68.2                                    | 64.6          | 94.4                       | 93.4                        | 0.96                         | 98.014 SF            |                                  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF11D-3 O04 696 (was 14B-3) - DD - Plan #2 |                        |                        |                        |                   |                |                          |   |               |                         |                          |                           |                   | <b>Offset Site Error:</b> 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|--------------------------|---|---------------|-------------------------|--------------------------|---------------------------|-------------------|----------------------------------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                          |   |               |                         |                          |                           |                   | <b>Offset Well Error:</b> 0.0 ft |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                 |   |               |                         |                          |                           |                   |                                  |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between Centres<br>(ft) | Between Ellipses<br>(ft) | Total Uncertainty<br>Axis | Separation Factor | Warning                          |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 43.67                    | 60.7                                    | 58.0          | 83.9                    |                          |                           |                   |                                  |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 43.67                    | 60.7                                    | 58.0          | 83.9                    | 83.7                     | 0.27                      | 308.313           |                                  |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 43.67                    | 60.7                                    | 58.0          | 83.9                    | 83.3                     | 0.62                      | 135.103 CC, ES    |                                  |
| 300.0  | 300.0                  | 295.9                  | 295.8                  | 0.5               | 0.5            | -122.01                  | 61.9                                    | 60.0          | 86.7                    | 85.7                     | 0.96                      | 89.914            |                                  |
| 400.0  | 399.8                  | 391.0                  | 390.7                  | 0.7               | 0.7            | -123.08                  | 65.5                                    | 66.2          | 96.7                    | 95.4                     | 1.32                      | 73.180 SF         |                                  |



## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF11E-3 O04 696 (was 13A-3) - DD - Plan #2 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Site Error:</b> 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|----------------------------------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Well Error:</b> 0.0 ft |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                    |   |               |                            |                             |                              |                      |                                  |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning                          |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 38.30                       | 49.6                                    | 39.2          | 63.2                       |                             |                              |                      |                                  |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 38.30                       | 49.6                                    | 39.2          | 63.2                       | 62.9                        | 0.27                         | 232.088              |                                  |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 38.30                       | 49.6                                    | 39.2          | 63.2                       | 62.6                        | 0.62                         | 101.702 CC, ES       |                                  |
| 300.0  | 300.0                  | 297.0                  | 297.0                  | 0.5               | 0.5            | -126.95                     | 50.6                                    | 41.4          | 65.9                       | 64.9                        | 0.97                         | 68.094               |                                  |
| 400.0  | 399.8                  | 393.3                  | 393.0                  | 0.7               | 0.7            | -127.32                     | 53.7                                    | 48.0          | 75.8                       | 74.5                        | 1.33                         | 57.011               |                                  |
| 500.0  | 499.3                  | 488.1                  | 487.0                  | 0.9               | 1.0            | -128.47                     | 58.7                                    | 58.8          | 93.4                       | 91.6                        | 1.73                         | 53.898 SF            |                                  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | 004 696 (3rd) - NP MF11G-3 004 696 (was 14C-3) - DD - Plan #2 |  | Offset Site Error: |  | 0.0 ft |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---|--|--------------------|--|--------|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | Offset Well Error:  |  | 0.0 ft             |  |        |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                        |                   |   |  |                    |  |        |
| 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) | Total Uncertainty Axis | Separation Factor | Warning   |  |                    |  |        |
| 0.0                   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 38.38                 | 43.5                              | 34.5       | 55.5                 |                       |                        |                   |   |  |                    |  |        |
| 100.0                 | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 38.38                 | 43.5                              | 34.5       | 55.5                 | 55.2                  | 0.27                   | 203.892           |   |  |                    |  |        |
| 200.0                 | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 38.38                 | 43.5                              | 34.5       | 55.5                 | 54.9                  | 0.62                   | 89.346            | CC  |  |                    |  |        |
| 228.2                 | 228.2               | 228.2               | 228.2               | 0.4             | 0.4         | -127.54               | 43.5                              | 34.5       | 55.6                 | 54.9                  | 0.72                   | 77.216            | ES  |  |                    |  |        |
| 300.0                 | 300.0               | 300.0               | 300.0               | 0.5             | 0.5         | -127.98               | 43.5                              | 34.5       | 55.9                 | 54.9                  | 0.97                   | 57.605            |   |  |                    |  |        |
| 400.0                 | 399.8               | 397.5               | 397.5               | 0.7             | 0.7         | -130.19               | 44.1                              | 36.9       | 61.2                 | 59.9                  | 1.33                   | 46.084            |   |  |                    |  |        |
| 500.0                 | 499.3               | 494.1               | 493.8               | 0.9             | 0.9         | -132.22               | 45.9                              | 44.0       | 73.8                 | 72.1                  | 1.72                   | 42.867            | SF  |  |                    |  |        |
| 600.0                 | 598.0               | 589.1               | 588.0               | 1.2             | 1.1         | -133.61               | 48.8                              | 55.7       | 93.6                 | 91.4                  | 2.17                   | 43.056            |   |  |                    |  |        |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF14A-3 O04 696 (was 13B-3) - DD - Plan #2 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | <b>Offset Site Error:</b> 0.0 ft |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|----------------------------------|
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | <b>Offset Well Error:</b> 0.0 ft |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                        | Separation Factor | 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) | Total Uncertainty Axis |                   |                                  |
| 0.0  | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 45.57                 | 44.5                              | 45.4       | 63.6                 |                       |                        |                   |                                  |
| 100.0  | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 45.57                 | 44.5                              | 45.4       | 63.6                 | 63.3                  | 0.27                   | 233.650           |                                  |
| 200.0  | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 45.57                 | 44.5                              | 45.4       | 63.6                 | 63.0                  | 0.62                   | 102.386 CC, ES    |                                  |
| 300.0  | 300.0               | 297.2               | 297.2               | 0.5             | 0.5         | -119.46               | 44.9                              | 47.9       | 66.0                 | 65.1                  | 0.97                   | 68.187            |                                  |
| 400.0  | 399.8               | 393.9               | 393.6               | 0.7             | 0.7         | -119.46               | 46.2                              | 55.1       | 74.9                 | 73.6                  | 1.34                   | 55.951            |                                  |
| 500.0  | 499.3               | 489.3               | 488.2               | 0.9             | 1.0         | -120.30               | 48.2                              | 67.0       | 90.5                 | 88.8                  | 1.76                   | 51.318 SF         |                                  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF14C-3 O04 696 (was 14D-3) - DD - Plan #2 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Site Error:</b> 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|----------------------------------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              |                      | <b>Offset Well Error:</b> 0.0 ft |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                    |   |               |                            |                             |                              |                      |                                  |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning                          |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 46.64                       | 38.5                                    | 40.7          | 56.0                       |                             |                              |                      |                                  |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 46.64                       | 38.5                                    | 40.7          | 56.0                       | 55.7                        | 0.27                         | 205.751              |                                  |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 46.64                       | 38.5                                    | 40.7          | 56.0                       | 55.4                        | 0.62                         | 90.161 CC, ES        |                                  |
| 300.0  | 300.0                  | 297.8                  | 297.8                  | 0.5               | 0.5            | -118.04                     | 38.5                                    | 43.2          | 58.2                       | 57.3                        | 0.97                         | 60.011               |                                  |
| 400.0  | 399.8                  | 395.1                  | 394.7                  | 0.7               | 0.7            | -117.46                     | 38.6                                    | 50.7          | 66.5                       | 65.1                        | 1.35                         | 49.310               |                                  |
| 500.0  | 499.3                  | 491.2                  | 490.1                  | 0.9               | 1.0            | -117.76                     | 38.9                                    | 62.9          | 80.9                       | 79.1                        | 1.79                         | 45.250 SF            |                                  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design                   |                           |                           |                           |                   |                |                             |                                  |                         |                            |                             |                              | 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<br>Depth<br>(ft) | Vertical<br>Depth<br>(ft) | Measured<br>Depth<br>(ft) | Vertical<br>Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore<br>+N/-S<br>(ft) | Centre<br>+E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor |         |        |
| 0.0                             | 0.0                       | 0.0                       | 0.0                       | 0.0               | 0.0            | 37.73                       | 28.3                             | 21.9                    | 35.8                       |                             |                              |                      |         |        |
| 100.0                           | 100.0                     | 100.0                     | 100.0                     | 0.1               | 0.1            | 37.73                       | 28.3                             | 21.9                    | 35.8                       | 35.6                        | 0.27                         | 131.626              |         |        |
| 200.0                           | 200.0                     | 200.0                     | 200.0                     | 0.3               | 0.3            | 37.73                       | 28.3                             | 21.9                    | 35.8                       | 35.2                        | 0.62                         | 57.679               | CC      |        |
| 228.4                           | 228.4                     | 228.4                     | 228.4                     | 0.4               | 0.4            | -128.23                     | 28.3                             | 21.9                    | 35.9                       | 35.2                        | 0.72                         | 49.837               | ES      |        |
| 300.0                           | 300.0                     | 300.0                     | 300.0                     | 0.5               | 0.5            | -128.91                     | 28.3                             | 21.9                    | 36.2                       | 35.3                        | 0.97                         | 37.342               |         |        |
| 400.0                           | 399.8                     | 398.8                     | 398.8                     | 0.7               | 0.7            | -131.41                     | 28.1                             | 24.5                    | 41.0                       | 39.6                        | 1.33                         | 30.746               |         |        |
| 500.0                           | 499.3                     | 497.1                     | 496.8                     | 0.9               | 0.9            | -132.40                     | 27.5                             | 32.1                    | 51.7                       | 50.0                        | 1.74                         | 29.701               | SF      |        |
| 600.0                           | 598.0                     | 594.3                     | 593.1                     | 1.2               | 1.1            | -132.26                     | 26.5                             | 44.5                    | 68.3                       | 66.1                        | 2.23                         | 30.653               |         |        |
| 700.0                           | 695.8                     | 689.8                     | 687.1                     | 1.6               | 1.5            | -131.57                     | 25.1                             | 61.4                    | 90.8                       | 88.0                        | 2.82                         | 32.165               |         |        |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        | 004 696 (3rd) - NP MF14E-3 004 696 (was 19B-3) - DD - Plan #2 |         | Offset Site Error: |  | 0.0 ft |  |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|---|---------|--------------------|--|--------|--|
| Survey Program: 0-MWD |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |   |         | Offset Well Error: |  | 0.0 ft |  |
| Reference             |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                        |   |         |                    |  |        |  |
| 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) | Total Uncertainty Axis | Separation Factor   | Warning |                    |  |        |  |
| 0.0                   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 50.45                 | 23.3                              | 28.2       | 36.6                 |                       |                        |   |         |                    |  |        |  |
| 100.0                 | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 50.45                 | 23.3                              | 28.2       | 36.6                 | 36.3                  | 0.27                   | 134.311   |         |                    |  |        |  |
| 200.0                 | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 50.45                 | 23.3                              | 28.2       | 36.6                 | 35.9                  | 0.62                   | 58.856  | CC, ES  |                    |  |        |  |
| 300.0                 | 300.0               | 298.8               | 298.8               | 0.5             | 0.5         | -113.09               | 22.6                              | 30.7       | 38.4                 | 37.4                  | 0.97                   | 39.394  |         |                    |  |        |  |
| 400.0                 | 399.8               | 397.3               | 396.9               | 0.7             | 0.7         | -111.24               | 20.6                              | 38.0       | 45.2                 | 43.8                  | 1.36                   | 33.128  |         |                    |  |        |  |
| 500.0                 | 499.3               | 494.9               | 493.7               | 0.9             | 1.0         | -110.70               | 17.3                              | 50.1       | 57.1                 | 55.3                  | 1.83                   | 31.193  |         |                    |  |        |  |
| 600.0                 | 598.0               | 591.3               | 588.6               | 1.2             | 1.3         | -110.87               | 12.8                              | 66.8       | 74.0                 | 71.6                  | 2.41                   | 30.778  | SF      |                    |  |        |  |
| 700.0                 | 695.8               | 686.3               | 681.1               | 1.6             | 1.8         | -111.26               | 7.1                               | 87.6       | 95.9                 | 92.8                  | 3.11                   | 30.879  |         |                    |  |        |  |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                |                |                |                 |        |                   |                        |                 |                  |                        |                   |                | 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        | Vertical Depth | Measured Depth | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor |                |                    |         |        |
| Depth (ft)            | Depth (ft)     | Depth (ft)     | Depth (ft)     | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft)      | (ft)             | (ft)                   |                   |                |                    |         |        |
| 0.0                   | 0.0            | 0.0            | 0.0            | 0.0             | 0.0    | 38.16             | 65.8                   | 51.7            | 83.7             |                        |                   |                |                    |         |        |
| 100.0                 | 100.0          | 100.0          | 100.0          | 0.1             | 0.1    | 38.16             | 65.8                   | 51.7            | 83.7             | 83.4                   | 0.27              | 307.278        |                    |         |        |
| 200.0                 | 200.0          | 200.0          | 200.0          | 0.3             | 0.3    | 38.16             | 65.8                   | 51.7            | 83.7             | 83.0                   | 0.62              | 134.650 CC, ES |                    |         |        |
| 300.0                 | 300.0          | 297.4          | 297.3          | 0.5             | 0.5    | -129.32           | 68.2                   | 51.0            | 85.6             | 84.6                   | 0.97              | 88.119         |                    |         |        |
| 400.0                 | 399.8          | 393.6          | 393.3          | 0.7             | 0.7    | -135.09           | 75.2                   | 49.0            | 94.1             | 92.7                   | 1.34              | 69.968 SF      |                    |         |        |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF15D-4 O04 696 (was 01B-9) - DD - Plan #2 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | Offset Site Error: | 0.0 ft |
|--|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD  |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | Offset Well Error: | 0.0 ft |
| Reference  |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                        | Separation Factor | 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) | Total Uncertainty Axis |                   |                    |        |
| 0.0  | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | -142.23               | -16.2                             | -12.5      | 20.5                 |                       |                        |                   |                    |        |
| 100.0  | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | -142.23               | -16.2                             | -12.5      | 20.5                 | 20.2                  | 0.27                   | 75.155            |                    |        |
| 200.0  | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | -142.23               | -16.2                             | -12.5      | 20.5                 | 19.8                  | 0.62                   | 32.933            |                    |        |
| 300.0  | 300.0               | 300.0               | 300.0               | 0.5             | 0.5         | 53.42                 | -16.2                             | -12.5      | 20.1                 | 19.1                  | 0.97                   | 20.672            |                    |        |
| 400.0  | 399.8               | 399.4               | 399.4               | 0.7             | 0.7         | 71.31                 | -15.8                             | -14.2      | 18.6                 | 17.3                  | 1.34                   | 13.939            |                    |        |
| 401.2  | 401.1               | 400.6               | 400.6               | 0.7             | 0.7         | 71.68                 | -15.8                             | -14.3      | 18.6                 | 17.3                  | 1.34                   | 13.886 CC, ES     |                    |        |
| 500.0  | 499.3               | 497.9               | 497.7               | 0.9             | 0.8         | 106.38                | -14.7                             | -19.2      | 23.3                 | 21.5                  | 1.74                   | 13.349 SF         |                    |        |
| 600.0  | 598.0               | 595.9               | 595.6               | 1.2             | 1.0         | 131.08                | -13.3                             | -25.7      | 38.0                 | 35.9                  | 2.14                   | 17.795            |                    |        |
| 700.0  | 695.8               | 692.9               | 692.3               | 1.6             | 1.2         | 144.08                | -11.8                             | -32.1      | 59.9                 | 57.4                  | 2.51                   | 23.830            |                    |        |
| 800.0  | 792.4               | 788.5               | 787.6               | 2.1             | 1.4         | 151.51                | -10.4                             | -38.4      | 87.7                 | 84.8                  | 2.88                   | 30.401            |                    |        |



# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design O04 696 (3rd) - NP MF18B-4 O04 696 (was 01A-9) - DD - Plan #2 |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | 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) | Total Uncertainty Axis | Separation Factor |                    |         |
| 0.0   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | -158.12               | -27.3                             | -11.0      | 29.4                 |                       |                        |                   |                    |         |
| 100.0   | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | -158.12               | -27.3                             | -11.0      | 29.4                 | 29.2                  | 0.27                   | 108.072           |                    |         |
| 200.0   | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | -158.12               | -27.3                             | -11.0      | 29.4                 | 28.8                  | 0.62                   | 47.358 CC, ES     |                    |         |
| 300.0   | 300.0               | 298.5               | 298.5               | 0.5             | 0.5         | 35.09                 | -29.8                             | -11.0      | 31.3                 | 30.3                  | 0.97                   | 32.324            |                    |         |
| 400.0   | 399.8               | 396.9               | 396.5               | 0.7             | 0.7         | 35.74                 | -37.4                             | -11.2      | 34.3                 | 33.0                  | 1.33                   | 25.880            |                    |         |
| 500.0   | 499.3               | 495.9               | 494.7               | 0.9             | 1.0         | 38.47                 | -49.7                             | -11.5      | 37.5                 | 35.8                  | 1.72                   | 21.857            |                    |         |
| 600.0   | 598.0               | 595.7               | 593.8               | 1.2             | 1.2         | 45.52                 | -62.8                             | -11.8      | 37.6                 | 35.4                  | 2.19                   | 17.193            |                    |         |
| 700.0   | 695.8               | 695.3               | 692.5               | 1.6             | 1.5         | 59.14                 | -75.9                             | -12.2      | 35.4                 | 32.5                  | 2.87                   | 12.348            |                    |         |
| 780.6   | 773.8               | 775.2               | 771.6               | 2.0             | 1.7         | 76.74                 | -86.4                             | -12.4      | 34.1                 | 30.5                  | 3.63                   | 9.388             |                    |         |
| 800.0   | 792.4               | 794.4               | 790.6               | 2.1             | 1.8         | 81.85                 | -88.9                             | -12.5      | 34.2                 | 30.4                  | 3.82                   | 8.951             |                    |         |
| 900.0   | 887.5               | 892.5               | 888.0               | 2.7             | 2.1         | 109.57                | -101.9                            | -12.8      | 39.9                 | 35.2                  | 4.63                   | 8.606 SF          |                    |         |
| 1,000.0   | 980.9               | 989.6               | 984.2               | 3.3             | 2.3         | 131.35                | -114.6                            | -13.1      | 55.5                 | 50.5                  | 4.94                   | 11.227            |                    |         |
| 1,100.0   | 1,072.2             | 1,085.3             | 1,079.1             | 4.1             | 2.6         | 144.77                | -127.2                            | -13.4      | 79.7                 | 74.6                  | 5.07                   | 15.719            |                    |         |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design       |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | O04 696 (3rd) - NP MF19A-3 O04 696 (was 17B-4) - DD - Plan #2 |  | Offset Site Error: |  | 0.0 ft |  |
|---------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---|--|--------------------|--|--------|--|
| Survey Program:     |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        |                   | 0-MWD   |  | Offset Well Error: |  | 0.0 ft |  |
| Reference           |                     | Offset              |                     | Semi Major Axis |             |                       | Distance                          |            |                      |                       |                        |                   |   |  |                    |  |        |  |
| 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) | Total Uncertainty Axis | Separation Factor | Warning   |  |                    |  |        |  |
| 0.0                 | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 39.03                 | 21.3                              | 17.2       | 27.4                 |                       |                        |                   |   |  |                    |  |        |  |
| 100.0               | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 39.03                 | 21.3                              | 17.2       | 27.4                 | 27.1                  | 0.27                   | 100.515           |   |  |                    |  |        |  |
| 200.0               | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 39.03                 | 21.3                              | 17.2       | 27.4                 | 26.7                  | 0.62                   | 44.046 CC         |   |  |                    |  |        |  |
| 227.8               | 227.8               | 227.8               | 227.8               | 0.4             | 0.4         | -126.98               | 21.3                              | 17.2       | 27.4                 | 26.7                  | 0.72                   | 38.176 ES         |   |  |                    |  |        |  |
| 300.0               | 300.0               | 299.8               | 299.8               | 0.5             | 0.5         | -126.59               | 21.0                              | 17.8       | 27.9                 | 27.0                  | 0.97                   | 28.781            |   |  |                    |  |        |  |
| 400.0               | 399.8               | 399.2               | 399.1               | 0.7             | 0.7         | -125.08               | 19.0                              | 22.6       | 32.5                 | 31.2                  | 1.35                   | 24.149            |   |  |                    |  |        |  |
| 500.0               | 499.3               | 498.2               | 497.5               | 0.9             | 0.9         | -123.03               | 15.0                              | 32.1       | 41.7                 | 39.9                  | 1.80                   | 23.201 SF         |   |  |                    |  |        |  |
| 600.0               | 598.0               | 596.3               | 594.4               | 1.2             | 1.2         | -121.16               | 9.1                               | 46.1       | 55.5                 | 53.2                  | 2.36                   | 23.498            |   |  |                    |  |        |  |
| 700.0               | 695.8               | 693.4               | 689.4               | 1.6             | 1.6         | -119.64               | 1.3                               | 64.4       | 73.8                 | 70.8                  | 3.06                   | 24.123            |   |  |                    |  |        |  |
| 800.0               | 792.4               | 789.2               | 782.0               | 2.1             | 2.1         | -118.42               | -8.1                              | 86.9       | 96.6                 | 92.7                  | 3.90                   | 24.759            |   |  |                    |  |        |  |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design         |                     |                     |                     |                 |             |                       |                                   |            |                      |                       |                        | 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) | Total Uncertainty Axis |                    | Separation Factor |        |
| 0.0                   | 0.0                 | 0.0                 | 0.0                 | 0.0             | 0.0         | 55.41                 | 16.2                              | 23.5       | 28.5                 |                       |                        |                    |                   |        |
| 100.0                 | 100.0               | 100.0               | 100.0               | 0.1             | 0.1         | 55.41                 | 16.2                              | 23.5       | 28.5                 | 28.3                  | 0.27                   | 104.831            |                   |        |
| 200.0                 | 200.0               | 200.0               | 200.0               | 0.3             | 0.3         | 55.41                 | 16.2                              | 23.5       | 28.5                 | 27.9                  | 0.62                   | 45.937             | CC, ES            |        |
| 300.0                 | 300.0               | 299.3               | 299.3               | 0.5             | 0.5         | -107.07               | 14.9                              | 25.7       | 29.9                 | 28.9                  | 0.98                   | 30.650             |                   |        |
| 400.0                 | 399.8               | 398.3               | 397.9               | 0.7             | 0.7         | -103.93               | 11.0                              | 32.4       | 35.2                 | 33.8                  | 1.37                   | 25.622             |                   |        |
| 500.0                 | 499.3               | 496.8               | 495.6               | 0.9             | 1.0         | -102.52               | 4.6                               | 43.3       | 44.5                 | 42.6                  | 1.86                   | 23.907             |                   |        |
| 600.0                 | 598.0               | 594.5               | 591.7               | 1.2             | 1.3         | -102.23               | -4.3                              | 58.5       | 57.6                 | 55.2                  | 2.47                   | 23.330             |                   |        |
| 700.0                 | 695.8               | 691.3               | 685.9               | 1.6             | 1.8         | -102.45               | -15.6                             | 77.7       | 74.6                 | 71.3                  | 3.22                   | 23.142             |                   |        |
| 800.0                 | 792.4               | 786.9               | 777.7               | 2.1             | 2.3         | -102.81               | -29.1                             | 100.7      | 95.2                 | 91.1                  | 4.12                   | 23.095             | SF                |        |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF19D-3 O04 696 (was 19C-3) - DD - Plan #2 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              | <b>Offset Site Error:</b> | 0.0 ft  |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|---------------------------|---------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              | <b>Offset Well Error:</b> | 0.0 ft  |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                    |   |               |                            |                             |                              |                           |         |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor      | Warning |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 37.69                       | 6.1                                     | 4.7           | 7.7                        |                             |                              |                           |         |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 37.69                       | 6.1                                     | 4.7           | 7.7                        | 7.4                         | 0.27                         | 28.235                    |         |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 37.69                       | 6.1                                     | 4.7           | 7.7                        | 7.1                         | 0.62                         | 12.373 CC                 |         |
| 230.1  | 230.1                  | 230.1                  | 230.1                  | 0.4               | 0.4            | -128.83                     | 6.1                                     | 4.7           | 7.8                        | 7.0                         | 0.73                         | 10.685 ES                 |         |
| 300.0  | 300.0                  | 300.0                  | 300.0                  | 0.5               | 0.5            | -131.78                     | 6.1                                     | 4.7           | 8.1                        | 7.1                         | 0.97                         | 8.354 SF                  |         |
| 400.0  | 399.8                  | 400.0                  | 400.0                  | 0.7               | 0.7            | -147.55                     | 5.6                                     | 5.2           | 11.9                       | 10.6                        | 1.32                         | 9.025                     |         |
| 500.0  | 499.3                  | 500.1                  | 500.0                  | 0.9               | 0.8            | -150.11                     | 2.1                                     | 9.0           | 18.6                       | 16.9                        | 1.70                         | 10.960                    |         |
| 600.0  | 598.0                  | 600.2                  | 599.5                  | 1.2               | 1.1            | -146.86                     | -5.1                                    | 16.7          | 27.4                       | 25.3                        | 2.14                         | 12.855                    |         |
| 700.0  | 695.8                  | 699.8                  | 697.8                  | 1.6               | 1.4            | -142.10                     | -15.1                                   | 28.5          | 39.3                       | 36.6                        | 2.70                         | 14.542                    |         |
| 800.0  | 792.4                  | 798.7                  | 794.7                  | 2.1               | 1.7            | -137.53                     | -27.7                                   | 44.6          | 54.8                       | 51.3                        | 3.44                         | 15.920                    |         |
| 900.0  | 887.5                  | 896.9                  | 889.6                  | 2.7               | 2.2            | -133.65                     | -42.8                                   | 64.7          | 73.9                       | 69.5                        | 4.36                         | 16.967                    |         |
| 1,000.0  | 980.9                  | 994.1                  | 982.1                  | 3.3               | 2.8            | -130.43                     | -60.2                                   | 88.8          | 96.7                       | 91.3                        | 5.44                         | 17.764                    |         |

## Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| Offset Design   |                | O04 696 (3rd) - NP MF19E-3 O04 696 (was 19D-3) - DD - Plan #2 |                |                 |        |                   |                        |            |                 |                  |                        |                   | Offset Site Error: |  | 0.0 ft             |  |        |  |
|-----------------|----------------|---|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|------------------------|-------------------|--------------------|--|--------------------|--|--------|--|
| Survey Program: |                | 0-MWD   |                |                 |        |                   |                        |            |                 |                  |                        |                   |                    |  | Offset Well Error: |  | 0.0 ft |  |
| Reference       |                | Offset  |                | Semi Major Axis |        |                   | Distance               |            |                 |                  |                        |                   |                    |  |                    |  |        |  |
| Measured Depth  | Vertical Depth | Measured Depth  | Vertical Depth | Reference       | Offset | Highside Toolface | Offset Wellbore Centre |            | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor | Warning            |  |                    |  |        |  |
| (ft)            | (ft)           | (ft)  | (ft)           | (ft)            | (ft)   | (°)               | +N/-S (ft)             | +E/-W (ft) | (ft)            | (ft)             |                        |                   |                    |  |                    |  |        |  |
| 0.0             | 0.0            | 0.0   | 0.0            | 0.0             | 0.0    | 84.66             | 1.0                    | 11.0       | 11.0            |                  |                        |                   |                    |  |                    |  |        |  |
| 100.0           | 100.0          | 100.0   | 100.0          | 0.1             | 0.1    | 84.66             | 1.0                    | 11.0       | 11.0            | 10.7             | 0.27                   | 40.451            |                    |  |                    |  |        |  |
| 200.0           | 200.0          | 200.0   | 200.0          | 0.3             | 0.3    | 84.66             | 1.0                    | 11.0       | 11.0            | 10.4             | 0.62                   | 17.726 CC, ES     |                    |  |                    |  |        |  |
| 300.0           | 300.0          | 299.5   | 299.5          | 0.5             | 0.5    | -76.18            | -0.5                   | 13.0       | 12.9            | 11.9             | 0.97                   | 13.234            |                    |  |                    |  |        |  |
| 400.0           | 399.8          | 398.8   | 398.4          | 0.7             | 0.7    | -77.06            | -5.2                   | 19.2       | 17.8            | 16.5             | 1.36                   | 13.129 SF         |                    |  |                    |  |        |  |
| 500.0           | 499.3          | 497.6   | 496.4          | 0.9             | 1.0    | -81.50            | -13.0                  | 29.4       | 25.7            | 23.9             | 1.83                   | 14.071            |                    |  |                    |  |        |  |
| 600.0           | 598.0          | 595.8   | 593.0          | 1.2             | 1.3    | -85.99            | -23.7                  | 43.5       | 36.8            | 34.3             | 2.43                   | 15.113            |                    |  |                    |  |        |  |
| 700.0           | 695.8          | 693.3   | 687.9          | 1.6             | 1.8    | -89.60            | -37.3                  | 61.4       | 51.1            | 47.9             | 3.20                   | 15.973            |                    |  |                    |  |        |  |
| 800.0           | 792.4          | 790.0   | 780.6          | 2.1             | 2.3    | -92.29            | -53.7                  | 82.9       | 68.6            | 64.5             | 4.12                   | 16.631            |                    |  |                    |  |        |  |
| 900.0           | 887.5          | 885.6   | 870.9          | 2.7             | 2.9    | -94.24            | -72.6                  | 107.9      | 89.3            | 84.1             | 5.21                   | 17.134            |                    |  |                    |  |        |  |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

| <b>Offset Design</b> O04 696 (3rd) - NP MF20F-3 O04 696 (was 20D-3) - DD - Plan #2 |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              | <b>Offset Site Error:</b> | 0.0 ft  |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|---------------------------|---------|
| Survey Program: 0-MWD  |                        |                        |                        |                   |                |                             |   |               |                            |                             |                              | <b>Offset Well Error:</b> | 0.0 ft  |
| Reference  |                        | Offset                 |                        | Semi Major Axis   |                | Distance                    |   |               |                            |                             |                              |                           |         |
| Measured Depth<br>(ft)   | Vertical Depth<br>(ft) | Measured Depth<br>(ft) | Vertical Depth<br>(ft) | Reference<br>(ft) | Offset<br>(ft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(ft) | +E/-W<br>(ft) | Between<br>Centres<br>(ft) | Between<br>Ellipses<br>(ft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor      | Warning |
| 0.0  | 0.0                    | 0.0                    | 0.0                    | 0.0               | 0.0            | 128.84                      | -5.0                                    | 6.3           | 8.0                        |                             |                              |                           |         |
| 100.0  | 100.0                  | 100.0                  | 100.0                  | 0.1               | 0.1            | 128.84                      | -5.0                                    | 6.3           | 8.0                        | 7.8                         | 0.27                         | 29.549                    |         |
| 200.0  | 200.0                  | 200.0                  | 200.0                  | 0.3               | 0.3            | 128.84                      | -5.0                                    | 6.3           | 8.0                        | 7.4                         | 0.62                         | 12.948 CC, ES             |         |
| 300.0  | 300.0                  | 299.5                  | 299.5                  | 0.5               | 0.5            | -36.93                      | -7.0                                    | 8.0           | 10.1                       | 9.1                         | 0.97                         | 10.411                    |         |
| 400.0  | 399.8                  | 398.8                  | 398.5                  | 0.7               | 0.7            | -44.98                      | -12.7                                   | 13.2          | 13.8                       | 12.4                        | 1.33                         | 10.344 SF                 |         |
| 500.0  | 499.3                  | 497.9                  | 496.7                  | 0.9               | 1.0            | -55.69                      | -22.2                                   | 21.9          | 19.2                       | 17.4                        | 1.76                         | 10.876                    |         |
| 600.0  | 598.0                  | 596.5                  | 593.7                  | 1.2               | 1.3            | -65.14                      | -35.4                                   | 33.9          | 26.8                       | 24.4                        | 2.34                         | 11.465                    |         |
| 700.0  | 695.8                  | 694.7                  | 689.2                  | 1.6               | 1.8            | -72.37                      | -52.1                                   | 49.2          | 36.9                       | 33.8                        | 3.10                         | 11.908                    |         |
| 800.0  | 792.4                  | 792.3                  | 782.9                  | 2.1               | 2.3            | -77.65                      | -72.4                                   | 67.6          | 49.5                       | 45.4                        | 4.05                         | 12.225                    |         |
| 900.0  | 887.5                  | 889.4                  | 874.5                  | 2.7               | 2.9            | -81.50                      | -96.0                                   | 89.2          | 64.5                       | 59.3                        | 5.18                         | 12.463                    |         |
| 1,000.0  | 980.9                  | 985.8                  | 963.8                  | 3.3               | 3.6            | -84.33                      | -122.8                                  | 113.6         | 81.9                       | 75.4                        | 6.47                         | 12.652                    |         |

# Anticollision Report

|                           |                                |                                     |                                      |
|---------------------------|--------------------------------|-------------------------------------|--------------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc     | <b>Local Co-ordinate Reference:</b> | Well NP MF01D-9 O04 696 (was 17C-4)  |
| <b>Project:</b>           | North Piceance                 | <b>TVD Reference:</b>               | WELL @ 6044.0ft (Original Well Elev) |
| <b>Reference Site:</b>    | O04 696 (3rd)                  | <b>MD Reference:</b>                | WELL @ 6044.0ft (Original Well Elev) |
| <b>Site Error:</b>        | 0.0ft                          | <b>North Reference:</b>             | True                                 |
| <b>Reference Well:</b>    | NP MF01D-9 O04 696 (was 17C-4) | <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> | DD                             | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB         |
| <b>Reference Design:</b>  | Plan #2                        | <b>Offset TVD Reference:</b>        | Offset Datum                         |

Reference Depths are relative to WELL @ 6044.0ft (Original Well Elev)

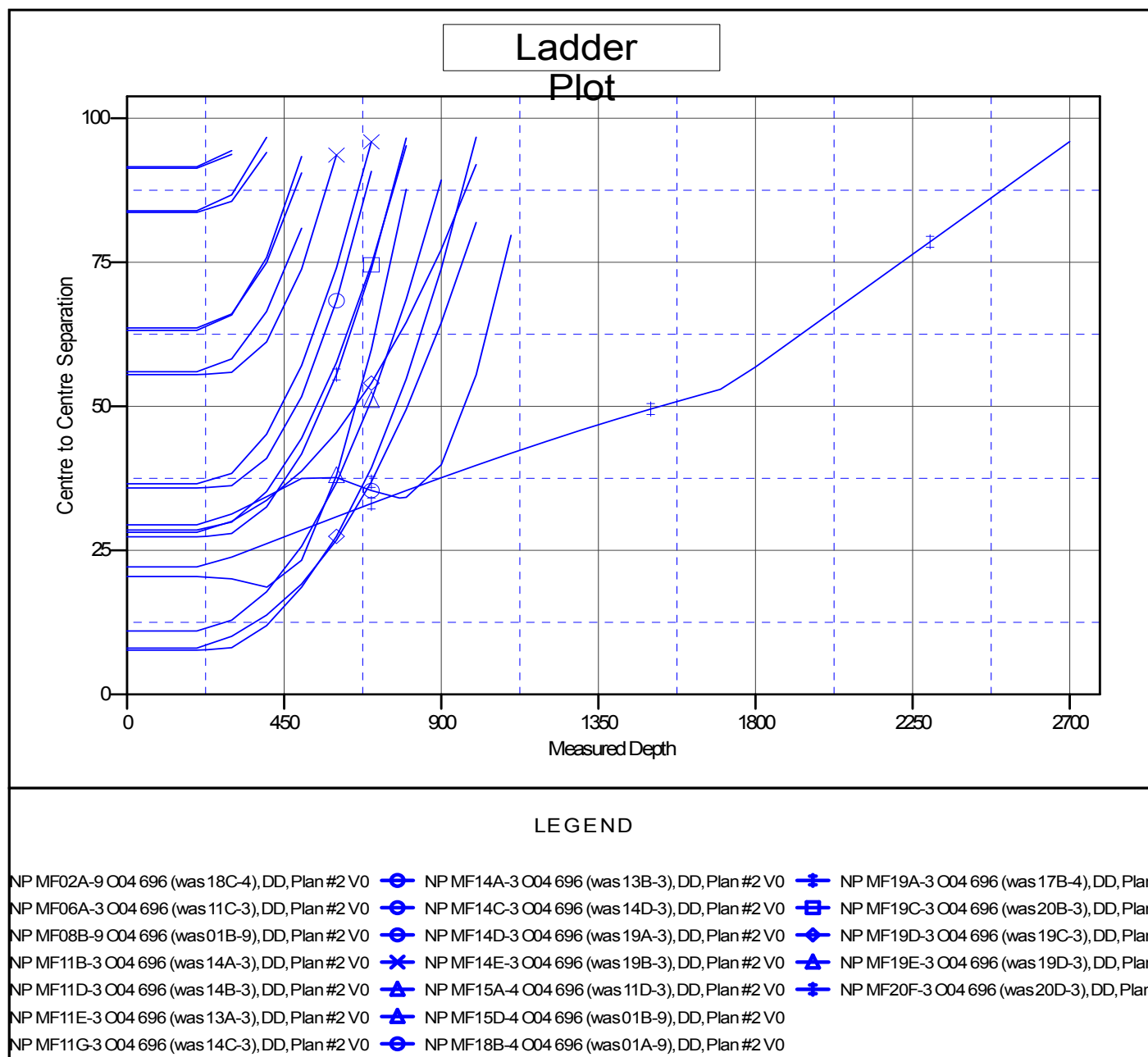
Offset Depths are relative to Offset Datum

Central Meridian is 105° 30' 0.00 W °

Coordinates are relative to: NP MF01D-9 O04 696 (was 17C-4)

Coordinate System is US State Plane 1983, Colorado Central Zone

Grid Convergence at Surface is: -1.64°



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