

| Type TD | Target No Target (Freehand) | Azimuth 283.86 | Origin Type Slot | N/S 0.0 | E/W 0.0 | From TVD 0.0 |
|-------------------|--------------------------------|-------------------|---------------------|-----------------|------------------|-----------------|
| Name | TVD | +N/-S | +E/-W | Latitude | Longitude | |
| UWF07C-05 K04 TOG | 6912.0 | 991.8 | -3937.6 | 39° 38' 45.68 N | 108° 11' 21.50 W | |
| UWF07C-05 K04 BHL | 10408.0 | 981.8 | -3952.6 | 39° 38' 45.58 N | 108° 11' 21.69 W | |
| UWF07C-09 K04 BHL | 10408.0 | -4284.0 | 1654.0 | 39° 37' 53.54 S | 108° 10' 10.02 W | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF07C-05 K04 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Site: | K04 Pad | North Reference: | True |
| Well: | UWF07C-05 K04 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

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

| | | | | | |
|-----------------------|----------|--------------|-----------------|-------------------|-----------------|
| Site | K04 Pad | | | | |
| Site Position: | | Northing: | 1,636,938.27 ft | Latitude: | 39° 33' 11.18 N |
| From: | Lat/Long | Easting: | 2,263,572.45 ft | Longitude: | 108° 6' 43.51 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.65 ° |

| | | | | | | |
|----------------------|---------------|--------|---------------------|-----------------|---------------|------------------|
| Well | UWF07C-05 K04 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,670,296.44 ft | Latitude: | 39° 38' 35.88 N |
| | +E/-W | 0.0 ft | Easting: | 2,246,716.24 ft | Longitude: | 108° 10' 31.16 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 8,193.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 4/12/2012 | 10.34 | 65.80 | 52,205 |

| | | | | |
|--------------------------|----------------------------------|-----------------------|-----------------------|--------------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 283.86 |

| Plan Sections | | | | | | | | | | |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|----------------------------|---------------------------|------------|-------------------|
| 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 | |
| 350.0 | 0.00 | 0.00 | 350.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,016.7 | 20.00 | 300.00 | 1,003.2 | 57.6 | -99.7 | 3.00 | 3.00 | 0.00 | 300.00 | |
| 1,664.8 | 37.84 | 283.21 | 1,569.1 | 159.4 | -392.1 | 3.00 | 2.75 | -2.59 | -32.16 | |
| 6,946.8 | 37.84 | 283.21 | 5,740.4 | 900.0 | -3,546.6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,208.1 | 0.00 | 0.00 | 6,912.0 | 991.8 | -3,937.6 | 3.00 | -3.00 | 0.00 | 180.00 | UWF07C-05 K04 TOC |
| 9,944.0 | 0.39 | 236.24 | 8,647.9 | 988.5 | -3,942.5 | 0.02 | 0.02 | -7.13 | 236.24 | |
| 11,704.2 | 0.39 | 236.24 | 10,408.0 | 981.8 | -3,952.6 | 0.00 | 0.00 | 0.00 | 0.00 | UWF07C-05 K04 BHL |
| 13,000.0 | 0.39 | 236.24 | 11,703.8 | 976.9 | -3,959.9 | 0.00 | 0.00 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF07C-05 K04 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Site: | K04 Pad | North Reference: | True |
| Well: | UWF07C-05 K04 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

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 | |
| 100.0 | 0.00 | 0.00 | 100.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 350.0 | 0.00 | 0.00 | 350.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | KOP @ 350' MD |
| 400.0 | 1.50 | 300.00 | 400.0 | 0.3 | -0.6 | 0.6 | 3.00 | 3.00 | |
| 500.0 | 4.50 | 300.00 | 499.8 | 2.9 | -5.1 | 5.7 | 3.00 | 3.00 | |
| 600.0 | 7.50 | 300.00 | 599.3 | 8.2 | -14.2 | 15.7 | 3.00 | 3.00 | |
| 700.0 | 10.50 | 300.00 | 698.0 | 16.0 | -27.7 | 30.7 | 3.00 | 3.00 | |
| 800.0 | 13.50 | 300.00 | 795.8 | 26.4 | -45.7 | 50.7 | 3.00 | 3.00 | |
| 900.0 | 16.50 | 300.00 | 892.4 | 39.3 | -68.1 | 75.5 | 3.00 | 3.00 | |
| 995.2 | 19.36 | 300.00 | 983.0 | 54.0 | -93.5 | 103.7 | 3.00 | 3.00 | A_GROOVE_TVD |
| 1,000.0 | 19.50 | 300.00 | 987.5 | 54.8 | -94.9 | 105.2 | 3.00 | 3.00 | |
| 1,016.7 | 20.00 | 300.00 | 1,003.2 | 57.6 | -99.7 | 110.6 | 3.00 | 3.00 | Start 3° Build/Turn @ 1016.7' MD |
| 1,100.0 | 22.15 | 296.47 | 1,081.0 | 71.7 | -126.2 | 139.7 | 3.00 | 2.59 | |
| 1,153.2 | 23.56 | 294.54 | 1,130.0 | 80.6 | -144.8 | 159.9 | 3.00 | 2.65 | B_GROOVE_TVD |
| 1,197.1 | 24.74 | 293.11 | 1,170.0 | 87.9 | -161.2 | 177.6 | 3.00 | 2.69 | B_GROOVE_BASE_TVD |
| 1,200.0 | 24.82 | 293.02 | 1,172.7 | 88.3 | -162.4 | 178.8 | 3.00 | 2.70 | |
| 1,300.0 | 27.55 | 290.21 | 1,262.4 | 104.5 | -203.4 | 222.5 | 3.00 | 2.73 | |
| 1,400.0 | 30.33 | 287.87 | 1,349.9 | 120.3 | -249.1 | 270.7 | 3.00 | 2.78 | |
| 1,500.0 | 33.15 | 285.89 | 1,434.9 | 135.5 | -299.5 | 323.2 | 3.00 | 2.81 | |
| 1,600.0 | 35.99 | 284.19 | 1,517.3 | 150.2 | -354.3 | 379.9 | 3.00 | 2.84 | |
| 1,664.8 | 37.84 | 283.21 | 1,569.1 | 159.4 | -392.1 | 418.9 | 3.00 | 2.86 | EOB @ 1664.8' MD |
| 1,700.0 | 37.84 | 283.21 | 1,596.9 | 164.4 | -413.1 | 440.5 | 0.00 | 0.00 | |
| 1,800.0 | 37.84 | 283.21 | 1,675.9 | 178.4 | -472.8 | 501.8 | 0.00 | 0.00 | |
| 1,900.0 | 37.84 | 283.21 | 1,754.8 | 192.4 | -532.6 | 563.1 | 0.00 | 0.00 | |
| 2,000.0 | 37.84 | 283.21 | 1,833.8 | 206.4 | -592.3 | 624.5 | 0.00 | 0.00 | |
| 2,100.0 | 37.84 | 283.21 | 1,912.8 | 220.4 | -652.0 | 685.8 | 0.00 | 0.00 | |
| 2,124.3 | 37.84 | 283.21 | 1,932.0 | 223.9 | -666.5 | 700.8 | 0.00 | 0.00 | GARDEN_GULCH_TVD |
| 2,200.0 | 37.84 | 283.21 | 1,991.8 | 234.5 | -711.7 | 747.2 | 0.00 | 0.00 | |
| 2,300.0 | 37.84 | 283.21 | 2,070.7 | 248.5 | -771.5 | 808.5 | 0.00 | 0.00 | |
| 2,400.0 | 37.84 | 283.21 | 2,149.7 | 262.5 | -831.2 | 869.9 | 0.00 | 0.00 | |
| 2,500.0 | 37.84 | 283.21 | 2,228.7 | 276.5 | -890.9 | 931.2 | 0.00 | 0.00 | |
| 2,600.0 | 37.84 | 283.21 | 2,307.6 | 290.5 | -950.6 | 992.5 | 0.00 | 0.00 | |
| 2,700.0 | 37.84 | 283.21 | 2,386.6 | 304.6 | -1,010.3 | 1,053.9 | 0.00 | 0.00 | |
| 2,800.0 | 37.84 | 283.21 | 2,465.6 | 318.6 | -1,070.1 | 1,115.2 | 0.00 | 0.00 | |
| 2,900.0 | 37.84 | 283.21 | 2,544.6 | 332.6 | -1,129.8 | 1,176.6 | 0.00 | 0.00 | |
| 3,000.0 | 37.84 | 283.21 | 2,623.5 | 346.6 | -1,189.5 | 1,237.9 | 0.00 | 0.00 | |
| 3,100.0 | 37.84 | 283.21 | 2,702.5 | 360.7 | -1,249.2 | 1,299.3 | 0.00 | 0.00 | |
| 3,200.0 | 37.84 | 283.21 | 2,781.5 | 374.7 | -1,309.0 | 1,360.6 | 0.00 | 0.00 | |
| 3,300.0 | 37.84 | 283.21 | 2,860.4 | 388.7 | -1,368.7 | 1,421.9 | 0.00 | 0.00 | |
| 3,400.0 | 37.84 | 283.21 | 2,939.4 | 402.7 | -1,428.4 | 1,483.3 | 0.00 | 0.00 | |
| 3,443.8 | 37.84 | 283.21 | 2,974.0 | 408.9 | -1,454.6 | 1,510.1 | 0.00 | 0.00 | WASATCH_FM_TVD |
| 3,500.0 | 37.84 | 283.21 | 3,018.4 | 416.7 | -1,488.1 | 1,544.6 | 0.00 | 0.00 | |
| 3,600.0 | 37.84 | 283.21 | 3,097.4 | 430.8 | -1,547.8 | 1,606.0 | 0.00 | 0.00 | |
| 3,700.0 | 37.84 | 283.21 | 3,176.3 | 444.8 | -1,607.6 | 1,667.3 | 0.00 | 0.00 | |
| 3,800.0 | 37.84 | 283.21 | 3,255.3 | 458.8 | -1,667.3 | 1,728.7 | 0.00 | 0.00 | |
| 3,900.0 | 37.84 | 283.21 | 3,334.3 | 472.8 | -1,727.0 | 1,790.0 | 0.00 | 0.00 | |
| 4,000.0 | 37.84 | 283.21 | 3,413.3 | 486.8 | -1,786.7 | 1,851.3 | 0.00 | 0.00 | |
| 4,100.0 | 37.84 | 283.21 | 3,492.2 | 500.9 | -1,846.5 | 1,912.7 | 0.00 | 0.00 | |
| 4,200.0 | 37.84 | 283.21 | 3,571.2 | 514.9 | -1,906.2 | 1,974.0 | 0.00 | 0.00 | |
| 4,300.0 | 37.84 | 283.21 | 3,650.2 | 528.9 | -1,965.9 | 2,035.4 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
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| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Site: | K04 Pad | North Reference: | True |
| Well: | UWF07C-05 K04 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

| 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 |
| 4,400.0 | 37.84 | 283.21 | 3,729.1 | 542.9 | -2,025.6 | 2,096.7 | 0.00 | 0.00 | |
| 4,500.0 | 37.84 | 283.21 | 3,808.1 | 557.0 | -2,085.4 | 2,158.1 | 0.00 | 0.00 | |
| 4,600.0 | 37.84 | 283.21 | 3,887.1 | 571.0 | -2,145.1 | 2,219.4 | 0.00 | 0.00 | |
| 4,700.0 | 37.84 | 283.21 | 3,966.1 | 585.0 | -2,204.8 | 2,280.7 | 0.00 | 0.00 | |
| 4,800.0 | 37.84 | 283.21 | 4,045.0 | 599.0 | -2,264.5 | 2,342.1 | 0.00 | 0.00 | |
| 4,900.0 | 37.84 | 283.21 | 4,124.0 | 613.0 | -2,324.2 | 2,403.4 | 0.00 | 0.00 | |
| 5,000.0 | 37.84 | 283.21 | 4,203.0 | 627.1 | -2,384.0 | 2,464.8 | 0.00 | 0.00 | |
| 5,100.0 | 37.84 | 283.21 | 4,281.9 | 641.1 | -2,443.7 | 2,526.1 | 0.00 | 0.00 | |
| 5,200.0 | 37.84 | 283.21 | 4,360.9 | 655.1 | -2,503.4 | 2,587.5 | 0.00 | 0.00 | |
| 5,300.0 | 37.84 | 283.21 | 4,439.9 | 669.1 | -2,563.1 | 2,648.8 | 0.00 | 0.00 | |
| 5,400.0 | 37.84 | 283.21 | 4,518.9 | 683.1 | -2,622.9 | 2,710.1 | 0.00 | 0.00 | |
| 5,500.0 | 37.84 | 283.21 | 4,597.8 | 697.2 | -2,682.6 | 2,771.5 | 0.00 | 0.00 | |
| 5,600.0 | 37.84 | 283.21 | 4,676.8 | 711.2 | -2,742.3 | 2,832.8 | 0.00 | 0.00 | |
| 5,700.0 | 37.84 | 283.21 | 4,755.8 | 725.2 | -2,802.0 | 2,894.2 | 0.00 | 0.00 | |
| 5,800.0 | 37.84 | 283.21 | 4,834.7 | 739.2 | -2,861.8 | 2,955.5 | 0.00 | 0.00 | |
| 5,900.0 | 37.84 | 283.21 | 4,913.7 | 753.2 | -2,921.5 | 3,016.9 | 0.00 | 0.00 | |
| 5,973.8 | 37.84 | 283.21 | 4,972.0 | 763.6 | -2,965.5 | 3,062.1 | 0.00 | 0.00 | WASATCH_G_TVD |
| 6,000.0 | 37.84 | 283.21 | 4,992.7 | 767.3 | -2,981.2 | 3,078.2 | 0.00 | 0.00 | |
| 6,100.0 | 37.84 | 283.21 | 5,071.7 | 781.3 | -3,040.9 | 3,139.5 | 0.00 | 0.00 | |
| 6,200.0 | 37.84 | 283.21 | 5,150.6 | 795.3 | -3,100.6 | 3,200.9 | 0.00 | 0.00 | |
| 6,300.0 | 37.84 | 283.21 | 5,229.6 | 809.3 | -3,160.4 | 3,262.2 | 0.00 | 0.00 | |
| 6,400.0 | 37.84 | 283.21 | 5,308.6 | 823.4 | -3,220.1 | 3,323.6 | 0.00 | 0.00 | |
| 6,500.0 | 37.84 | 283.21 | 5,387.6 | 837.4 | -3,279.8 | 3,384.9 | 0.00 | 0.00 | |
| 6,600.0 | 37.84 | 283.21 | 5,466.5 | 851.4 | -3,339.5 | 3,446.2 | 0.00 | 0.00 | |
| 6,700.0 | 37.84 | 283.21 | 5,545.5 | 865.4 | -3,399.3 | 3,507.6 | 0.00 | 0.00 | |
| 6,800.0 | 37.84 | 283.21 | 5,624.5 | 879.4 | -3,459.0 | 3,568.9 | 0.00 | 0.00 | |
| 6,900.0 | 37.84 | 283.21 | 5,703.4 | 893.5 | -3,518.7 | 3,630.3 | 0.00 | 0.00 | |
| 6,946.8 | 37.84 | 283.21 | 5,740.4 | 900.0 | -3,546.6 | 3,659.0 | 0.00 | 0.00 | Start 3° Drop @ 6946.8' MD |
| 7,000.0 | 36.24 | 283.21 | 5,782.9 | 907.3 | -3,577.9 | 3,691.0 | 3.00 | -3.00 | |
| 7,100.0 | 33.24 | 283.21 | 5,865.0 | 920.4 | -3,633.3 | 3,748.0 | 3.00 | -3.00 | |
| 7,200.0 | 30.24 | 283.21 | 5,950.1 | 932.4 | -3,684.5 | 3,800.6 | 3.00 | -3.00 | |
| 7,300.0 | 27.24 | 283.21 | 6,037.7 | 943.4 | -3,731.3 | 3,848.7 | 3.00 | -3.00 | |
| 7,400.0 | 24.24 | 283.21 | 6,127.8 | 953.3 | -3,773.6 | 3,892.1 | 3.00 | -3.00 | |
| 7,500.0 | 21.24 | 283.21 | 6,220.0 | 962.1 | -3,811.3 | 3,930.8 | 3.00 | -3.00 | |
| 7,600.0 | 18.24 | 283.21 | 6,314.1 | 969.9 | -3,844.1 | 3,964.5 | 3.00 | -3.00 | |
| 7,700.0 | 15.24 | 283.21 | 6,409.9 | 976.4 | -3,872.2 | 3,993.3 | 3.00 | -3.00 | |
| 7,800.0 | 12.24 | 283.21 | 6,507.0 | 981.9 | -3,895.3 | 4,017.1 | 3.00 | -3.00 | |
| 7,900.0 | 9.24 | 283.21 | 6,605.2 | 986.1 | -3,913.5 | 4,035.7 | 3.00 | -3.00 | |
| 8,000.0 | 6.24 | 283.21 | 6,704.3 | 989.2 | -3,926.6 | 4,049.2 | 3.00 | -3.00 | |
| 8,100.0 | 3.24 | 283.21 | 6,803.9 | 991.1 | -3,934.6 | 4,057.5 | 3.00 | -3.00 | |
| 8,200.0 | 0.24 | 283.21 | 6,903.9 | 991.8 | -3,937.6 | 4,060.5 | 3.00 | -3.00 | |
| 8,208.1 | 0.00 | 0.00 | 6,912.0 | 991.8 | -3,937.6 | 4,060.5 | 3.00 | -3.00 | EOD @ 8208.1' MD - WILLIAMS_FORK_TVD - |
| 8,300.0 | 0.02 | 236.24 | 7,003.9 | 991.8 | -3,937.6 | 4,060.5 | 0.02 | 0.02 | |
| 8,400.0 | 0.04 | 236.24 | 7,103.9 | 991.8 | -3,937.7 | 4,060.6 | 0.02 | 0.02 | |
| 8,500.0 | 0.07 | 236.24 | 7,203.9 | 991.7 | -3,937.7 | 4,060.7 | 0.02 | 0.02 | |
| 8,600.0 | 0.09 | 236.24 | 7,303.9 | 991.6 | -3,937.9 | 4,060.7 | 0.02 | 0.02 | |
| 8,700.0 | 0.11 | 236.24 | 7,403.9 | 991.5 | -3,938.0 | 4,060.9 | 0.02 | 0.02 | |
| 8,800.0 | 0.13 | 236.24 | 7,503.9 | 991.4 | -3,938.2 | 4,061.0 | 0.02 | 0.02 | |
| 8,900.0 | 0.16 | 236.24 | 7,603.9 | 991.3 | -3,938.4 | 4,061.2 | 0.02 | 0.02 | |
| 9,000.0 | 0.18 | 236.24 | 7,703.9 | 991.1 | -3,938.6 | 4,061.4 | 0.02 | 0.02 | |
| 9,100.0 | 0.20 | 236.24 | 7,803.9 | 990.9 | -3,938.9 | 4,061.6 | 0.02 | 0.02 | |
| 9,200.0 | 0.22 | 236.24 | 7,903.9 | 990.7 | -3,939.2 | 4,061.8 | 0.02 | 0.02 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF07C-05 K04 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Site: | K04 Pad | North Reference: | True |
| Well: | UWF07C-05 K04 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

| 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 |
| 9,300.0 | 0.25 | 236.24 | 8,003.9 | 990.5 | -3,939.6 | 4,062.1 | 0.02 | 0.02 | |
| 9,400.0 | 0.27 | 236.24 | 8,103.9 | 990.2 | -3,939.9 | 4,062.4 | 0.02 | 0.02 | |
| 9,500.0 | 0.29 | 236.24 | 8,203.9 | 990.0 | -3,940.3 | 4,062.8 | 0.02 | 0.02 | |
| 9,600.0 | 0.31 | 236.24 | 8,303.9 | 989.7 | -3,940.8 | 4,063.1 | 0.02 | 0.02 | |
| 9,700.0 | 0.34 | 236.24 | 8,403.9 | 989.4 | -3,941.3 | 4,063.5 | 0.02 | 0.02 | |
| 9,800.0 | 0.36 | 236.24 | 8,503.9 | 989.0 | -3,941.8 | 4,063.9 | 0.02 | 0.02 | |
| 9,900.0 | 0.38 | 236.24 | 8,603.9 | 988.7 | -3,942.3 | 4,064.3 | 0.02 | 0.02 | |
| 9,944.0 | 0.39 | 236.24 | 8,647.9 | 988.5 | -3,942.5 | 4,064.5 | 0.02 | 0.02 | |
| 10,000.0 | 0.39 | 236.24 | 8,703.9 | 988.3 | -3,942.9 | 4,064.8 | 0.00 | 0.00 | |
| 10,100.0 | 0.39 | 236.24 | 8,803.9 | 987.9 | -3,943.4 | 4,065.3 | 0.00 | 0.00 | |
| 10,200.0 | 0.39 | 236.24 | 8,903.9 | 987.5 | -3,944.0 | 4,065.7 | 0.00 | 0.00 | |
| 10,300.0 | 0.39 | 236.24 | 9,003.9 | 987.1 | -3,944.6 | 4,066.2 | 0.00 | 0.00 | |
| 10,400.0 | 0.39 | 236.24 | 9,103.9 | 986.8 | -3,945.1 | 4,066.6 | 0.00 | 0.00 | |
| 10,500.0 | 0.39 | 236.24 | 9,203.9 | 986.4 | -3,945.7 | 4,067.1 | 0.00 | 0.00 | |
| 10,600.0 | 0.39 | 236.24 | 9,303.9 | 986.0 | -3,946.3 | 4,067.6 | 0.00 | 0.00 | |
| 10,700.0 | 0.39 | 236.24 | 9,403.9 | 985.6 | -3,946.8 | 4,068.0 | 0.00 | 0.00 | |
| 10,800.0 | 0.39 | 236.24 | 9,503.9 | 985.2 | -3,947.4 | 4,068.5 | 0.00 | 0.00 | |
| 10,900.0 | 0.39 | 236.24 | 9,603.9 | 984.9 | -3,948.0 | 4,069.0 | 0.00 | 0.00 | |
| 11,000.0 | 0.39 | 236.24 | 9,703.9 | 984.5 | -3,948.6 | 4,069.4 | 0.00 | 0.00 | |
| 11,100.0 | 0.39 | 236.24 | 9,803.9 | 984.1 | -3,949.1 | 4,069.9 | 0.00 | 0.00 | |
| 11,200.0 | 0.39 | 236.24 | 9,903.8 | 983.7 | -3,949.7 | 4,070.3 | 0.00 | 0.00 | |
| 11,300.0 | 0.39 | 236.24 | 10,003.8 | 983.3 | -3,950.3 | 4,070.8 | 0.00 | 0.00 | |
| 11,400.0 | 0.39 | 236.24 | 10,103.8 | 983.0 | -3,950.8 | 4,071.3 | 0.00 | 0.00 | |
| 11,500.0 | 0.39 | 236.24 | 10,203.8 | 982.6 | -3,951.4 | 4,071.7 | 0.00 | 0.00 | |
| 11,600.0 | 0.39 | 236.24 | 10,303.8 | 982.2 | -3,952.0 | 4,072.2 | 0.00 | 0.00 | |
| 11,692.3 | 0.39 | 236.24 | 10,396.1 | 981.8 | -3,952.5 | 4,072.6 | 0.00 | 0.00 | UWF07C-09 K04 BHL |
| 11,700.0 | 0.39 | 236.24 | 10,403.8 | 981.8 | -3,952.5 | 4,072.7 | 0.00 | 0.00 | |
| 11,704.2 | 0.39 | 236.24 | 10,408.0 | 981.8 | -3,952.6 | 4,072.7 | 0.00 | 0.00 | ROLLINS_TVD - UWF07C-05 K04 BHL |
| 11,800.0 | 0.39 | 236.24 | 10,503.8 | 981.4 | -3,953.1 | 4,073.1 | 0.00 | 0.00 | |
| 11,900.0 | 0.39 | 236.24 | 10,603.8 | 981.1 | -3,953.7 | 4,073.6 | 0.00 | 0.00 | |
| 11,971.2 | 0.39 | 236.24 | 10,675.0 | 980.8 | -3,954.1 | 4,073.9 | 0.00 | 0.00 | COZZETTE_TVD |
| 12,000.0 | 0.39 | 236.24 | 10,703.8 | 980.7 | -3,954.2 | 4,074.0 | 0.00 | 0.00 | |
| 12,100.0 | 0.39 | 236.24 | 10,803.8 | 980.3 | -3,954.8 | 4,074.5 | 0.00 | 0.00 | |
| 12,143.2 | 0.39 | 236.24 | 10,847.0 | 980.1 | -3,955.1 | 4,074.7 | 0.00 | 0.00 | CORCORAN_TVD |
| 12,200.0 | 0.39 | 236.24 | 10,903.8 | 979.9 | -3,955.4 | 4,075.0 | 0.00 | 0.00 | |
| 12,300.0 | 0.39 | 236.24 | 11,003.8 | 979.5 | -3,956.0 | 4,075.4 | 0.00 | 0.00 | |
| 12,400.0 | 0.39 | 236.24 | 11,103.8 | 979.2 | -3,956.5 | 4,075.9 | 0.00 | 0.00 | |
| 12,444.2 | 0.39 | 236.24 | 11,148.0 | 979.0 | -3,956.8 | 4,076.1 | 0.00 | 0.00 | UPPER_SEGO_TVD |
| 12,500.0 | 0.39 | 236.24 | 11,203.8 | 978.8 | -3,957.1 | 4,076.3 | 0.00 | 0.00 | |
| 12,600.0 | 0.39 | 236.24 | 11,303.8 | 978.4 | -3,957.7 | 4,076.8 | 0.00 | 0.00 | |
| 12,700.0 | 0.39 | 236.24 | 11,403.8 | 978.0 | -3,958.2 | 4,077.3 | 0.00 | 0.00 | |
| 12,800.0 | 0.39 | 236.24 | 11,503.8 | 977.6 | -3,958.8 | 4,077.7 | 0.00 | 0.00 | |
| 12,900.0 | 0.39 | 236.24 | 11,603.8 | 977.2 | -3,959.4 | 4,078.2 | 0.00 | 0.00 | |
| 13,000.0 | 0.39 | 236.24 | 11,703.8 | 976.9 | -3,959.9 | 4,078.7 | 0.00 | 0.00 | TD @ 13,000' MD |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF07C-05 K04 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | WELL @ 8226.0ft (Original Well Elev) |
| Site: | K04 Pad | North Reference: | True |
| Well: | UWF07C-05 K04 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | DD | | |
| Design: | Plan #1 | | |

| Targets | | | | | | | | | |
|---|-----------|----------|----------|----------|----------|--------------|--------------|-----------------|------------------|
| Target Name | | | | | | | | | |
| - hit/miss target | Dip Angle | Dip Dir. | TVD | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| - Shape | (°) | (°) | (ft) | (ft) | (ft) | (ft) | (ft) | | |
| UWF07C-05 K04 TOG | 0.00 | 0.00 | 6,912.0 | 991.8 | -3,937.6 | 1,671,403.75 | 2,242,809.55 | 39° 38' 45.68 N | 108° 11' 21.50 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |
| UWF07C-05 K04 BHL | 0.00 | 0.00 | 10,408.0 | 981.8 | -3,952.6 | 1,671,394.19 | 2,242,794.29 | 39° 38' 45.58 N | 108° 11' 21.69 W |
| - plan hits target center | | | | | | | | | |
| - Rectangle (sides W30.0 H50.0 D0.0) | | | | | | | | | |
| UWF07C-09 K04 BHL | 0.00 | 0.00 | 10,408.0 | -4,284.0 | 1,654.0 | 1,665,965.61 | 2,248,243.33 | 39° 37' 53.54 N | 108° 10' 10.02 W |
| - plan misses target center by 7691.6ft at 11692.3ft MD (10396.1 TVD, 981.8 N, -3952.5 E) | | | | | | | | | |
| - Rectangle (sides W30.0 H50.0 D0.0) | | | | | | | | | |

| Formations | | | | | | |
|----------------|----------------|-------------------|-----------|-----|---------------|--|
| Measured Depth | Vertical Depth | Name | Lithology | Dip | Dip Direction | |
| (ft) | (ft) | | | (°) | (°) | |
| 995.2 | 983.0 | A_GROOVE_TVD | | | | |
| 1,153.2 | 1,130.0 | B_GROOVE_TVD | | | | |
| 1,197.1 | 1,170.0 | B_GROOVE_BASE_TVD | | | | |
| 2,124.3 | 1,932.0 | GARDEN_GULCH_TVD | | | | |
| 3,443.8 | 2,974.0 | WASATCH_FM_TVD | | | | |
| 5,973.8 | 4,972.0 | WASATCH_G_TVD | | | | |
| 8,208.1 | 6,912.0 | WILLIAMS_FORK_TVD | | | | |
| 11,704.2 | 10,408.0 | ROLLINS_TVD | | | | |
| 11,971.2 | 10,675.0 | COZZETTE_TVD | | | | |
| 12,143.2 | 10,847.0 | CORCORAN_TVD | | | | |
| 12,444.2 | 11,148.0 | UPPER_SEGO_TVD | | | | |

| Plan Annotations | | | | | |
|------------------|----------------|-------------------|----------|----------------------------------|--|
| Measured Depth | Vertical Depth | Local Coordinates | | | |
| (ft) | (ft) | +N/-S | +E/-W | Comment | |
| (ft) | (ft) | (ft) | (ft) | | |
| 350.0 | 350.0 | 0.0 | 0.0 | KOP @ 350' MD | |
| 1,016.7 | 1,003.2 | 57.6 | -99.7 | Start 3° Build/Turn @ 1016.7' MD | |
| 1,664.8 | 1,569.1 | 159.4 | -392.1 | EOB @ 1664.8' MD | |
| 6,946.8 | 5,740.4 | 900.0 | -3,546.6 | Start 3° Drop @ 6946.8' MD | |
| 8,208.1 | 6,912.0 | 991.8 | -3,937.6 | EOD @ 8208.1' MD | |
| 13,000.0 | 11,703.8 | 976.9 | -3,959.9 | TD @ 13,000' MD | |