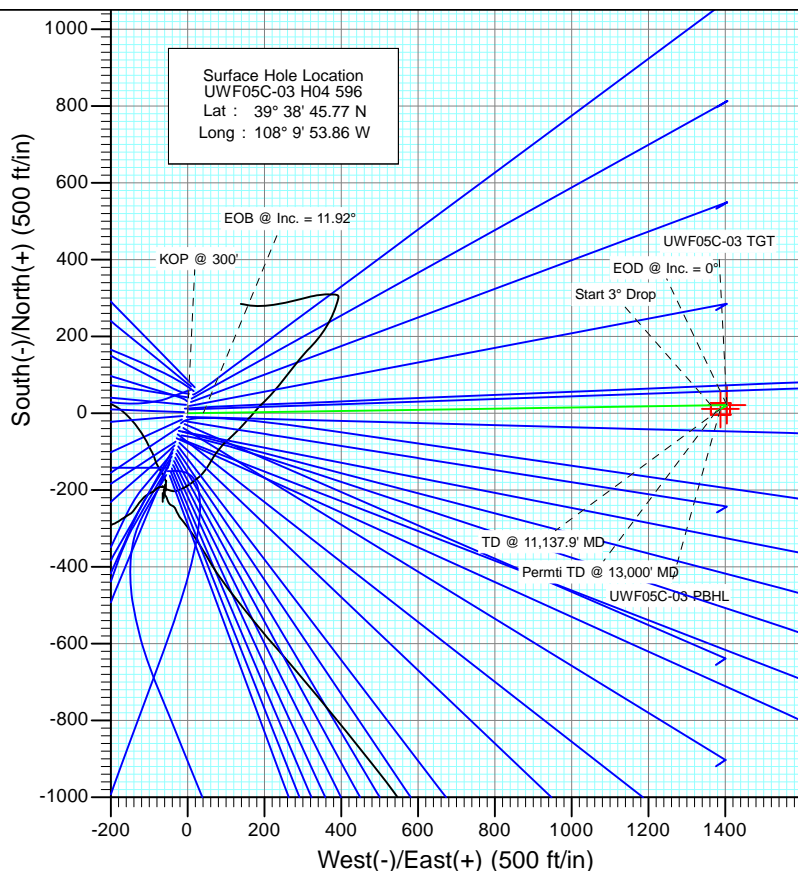


SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSec | Target |
|-----|---------|-------|--------|---------|-------|--------|------|--------|--------|----------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 697.4 | 11.92 | 89.14 | 694.5 | 0.6 | 41.2 | 3.00 | 89.14 | 41.2 | |
| 4 | 7099.4 | 11.92 | 89.14 | 6958.5 | 20.6 | 1363.5 | 0.00 | 0.00 | 1363.6 | |
| 5 | 7496.8 | 0.00 | 0.00 | 7353.0 | 21.2 | 1404.7 | 3.00 | 180.00 | 1404.8 | UWF05C-03 TGT |
| 6 | 9313.4 | 0.41 | 239.54 | 9169.5 | 17.9 | 1399.0 | 0.02 | 239.54 | 1399.1 | |
| 7 | 11137.9 | 0.41 | 239.54 | 10994.0 | 11.2 | 1387.7 | 0.00 | 0.00 | 1387.7 | UWF05C-03 PBHL |
| 8 | 13000.0 | 0.41 | 239.54 | 12856.1 | 4.3 | 1376.0 | 0.00 | 0.00 | 1376.1 | |



Azimuths to True North
Magnetic North: 10.34°

Magnetic Field
Strength: 52206.1snT
Dip Angle: 65.81°
Date: 4/18/2012
Model: IGRF2010

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|---------|---------------|
| 1094.0 | 1105.7 | A GROOVE |
| 1253.0 | 1268.2 | B GROOVE |
| 1293.0 | 1309.1 | B GROOVE BASE |
| 2142.0 | 2176.8 | GARDEN GULCH |
| 3212.0 | 3270.4 | WASATCH FM |
| 5322.0 | 5426.9 | WASATCH G |
| 7353.0 | 7496.8 | WILLIAMS FORK |
| 10994.0 | 11137.9 | ROLLINS |
| 11231.0 | 11374.9 | COZZETTE |
| 11405.0 | 11548.9 | CORCORAN |
| 11699.0 | 11842.9 | UPPER SEGO |

Plan #1
UWF05C-03 H04 596
125XXX; SC
KBE @ 8293.0ft (Original Well Elev)
North American Datum 1983
Well UWF05C-03 H04 596, True North

| Type | Target | Azimuth | Origin | Type | N/S | E/W | From | TVD |
|----------------|----------------------|---------|--------|---------|----------|-----------------|-----------------|-----|
| TD | No Target (Freehand) | 89.82 | Slot | | 0.0 | 0.0 | | 0.0 |
| Name | | TVD | +N/-S | +E/-W | Latitude | Longitude | | |
| UWF05C-03 TGT | | 7353.0 | 21.2 | 39° 38' | 45.98 N | 108° 9' 35.90 W | | |
| UWF05C-03 PBHL | | 10994.0 | 11.2 | 1387.7 | 39° 38' | 45.88 N | 108° 9' 36.12 W | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF05C-03 H04 596 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Site: | H04 Pad | North Reference: | True |
| Well: | UWF05C-03 H04 596 | 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 | H04 Pad | | | | |
| Site Position: | | Northing: | 1,671,070.85 ft | Latitude: | 39° 38' 44.37 N |
| From: | Lat/Long | Easting: | 2,249,607.93 ft | Longitude: | 108° 9' 54.50 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.68 ° |

| | | | | | | |
|----------------------|-------------------|--------|---------------------|-----------------|---------------|-----------------|
| Well | UWF05C-03 H04 596 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,671,210.97 ft | Latitude: | 39° 38' 45.77 N |
| | +E/-W | 0.0 ft | Easting: | 2,249,662.12 ft | Longitude: | 108° 9' 53.86 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 8,260.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 4/18/2012 | 10.34 | 65.81 | 52,206 |

| | | | | | |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-----|
| 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 | 89.82 | |

| 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 | |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 697.4 | 11.92 | 89.14 | 694.5 | 0.6 | 41.2 | 3.00 | 3.00 | 0.00 | 89.14 | |
| 7,099.4 | 11.92 | 89.14 | 6,958.5 | 20.6 | 1,363.5 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,496.8 | 0.00 | 0.00 | 7,353.0 | 21.2 | 1,404.7 | 3.00 | -3.00 | 0.00 | 180.00 | UWF05C-03 TGT |
| 9,313.4 | 0.41 | 239.54 | 9,169.5 | 17.9 | 1,399.0 | 0.02 | 0.02 | -6.63 | 239.54 | |
| 11,137.9 | 0.41 | 239.54 | 10,994.0 | 11.2 | 1,387.7 | 0.00 | 0.00 | 0.00 | 0.00 | UWF05C-03 PBHL |
| 13,000.0 | 0.41 | 239.54 | 12,856.1 | 4.3 | 1,376.0 | 0.00 | 0.00 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF05C-03 H04 596 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Site: | H04 Pad | North Reference: | True |
| Well: | UWF05C-03 H04 596 | 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 | KOP @ 300' |
| 400.0 | 3.00 | 89.14 | 400.0 | 0.0 | 2.6 | 2.6 | 3.00 | 3.00 | |
| 500.0 | 6.00 | 89.14 | 499.6 | 0.2 | 10.5 | 10.5 | 3.00 | 3.00 | |
| 600.0 | 9.00 | 89.14 | 598.8 | 0.4 | 23.5 | 23.5 | 3.00 | 3.00 | |
| 697.4 | 11.92 | 89.14 | 694.5 | 0.6 | 41.2 | 41.2 | 3.00 | 3.00 | EOB @ Inc. = 11.92° |
| 700.0 | 11.92 | 89.14 | 697.1 | 0.6 | 41.7 | 41.7 | 0.00 | 0.00 | |
| 800.0 | 11.92 | 89.14 | 794.9 | 0.9 | 62.4 | 62.4 | 0.00 | 0.00 | |
| 900.0 | 11.92 | 89.14 | 892.8 | 1.3 | 83.0 | 83.0 | 0.00 | 0.00 | |
| 1,000.0 | 11.92 | 89.14 | 990.6 | 1.6 | 103.7 | 103.7 | 0.00 | 0.00 | |
| 1,100.0 | 11.92 | 89.14 | 1,088.5 | 1.9 | 124.3 | 124.4 | 0.00 | 0.00 | |
| 1,105.7 | 11.92 | 89.14 | 1,094.0 | 1.9 | 125.5 | 125.5 | 0.00 | 0.00 | A GROOVE |
| 1,200.0 | 11.92 | 89.14 | 1,186.3 | 2.2 | 145.0 | 145.0 | 0.00 | 0.00 | |
| 1,268.2 | 11.92 | 89.14 | 1,253.0 | 2.4 | 159.1 | 159.1 | 0.00 | 0.00 | B GROOVE |
| 1,300.0 | 11.92 | 89.14 | 1,284.1 | 2.5 | 165.7 | 165.7 | 0.00 | 0.00 | |
| 1,309.1 | 11.92 | 89.14 | 1,293.0 | 2.5 | 167.5 | 167.5 | 0.00 | 0.00 | B GROOVE BASE |
| 1,400.0 | 11.92 | 89.14 | 1,382.0 | 2.8 | 186.3 | 186.3 | 0.00 | 0.00 | |
| 1,500.0 | 11.92 | 89.14 | 1,479.8 | 3.1 | 207.0 | 207.0 | 0.00 | 0.00 | |
| 1,600.0 | 11.92 | 89.14 | 1,577.7 | 3.4 | 227.6 | 227.6 | 0.00 | 0.00 | |
| 1,700.0 | 11.92 | 89.14 | 1,675.5 | 3.7 | 248.3 | 248.3 | 0.00 | 0.00 | |
| 1,800.0 | 11.92 | 89.14 | 1,773.4 | 4.1 | 268.9 | 268.9 | 0.00 | 0.00 | |
| 1,900.0 | 11.92 | 89.14 | 1,871.2 | 4.4 | 289.6 | 289.6 | 0.00 | 0.00 | |
| 2,000.0 | 11.92 | 89.14 | 1,969.0 | 4.7 | 310.2 | 310.3 | 0.00 | 0.00 | |
| 2,100.0 | 11.92 | 89.14 | 2,066.9 | 5.0 | 330.9 | 330.9 | 0.00 | 0.00 | |
| 2,176.8 | 11.92 | 89.14 | 2,142.0 | 5.2 | 346.8 | 346.8 | 0.00 | 0.00 | GARDEN GULCH |
| 2,200.0 | 11.92 | 89.14 | 2,164.7 | 5.3 | 351.5 | 351.6 | 0.00 | 0.00 | |
| 2,300.0 | 11.92 | 89.14 | 2,262.6 | 5.6 | 372.2 | 372.2 | 0.00 | 0.00 | |
| 2,400.0 | 11.92 | 89.14 | 2,360.4 | 5.9 | 392.9 | 392.9 | 0.00 | 0.00 | |
| 2,500.0 | 11.92 | 89.14 | 2,458.3 | 6.2 | 413.5 | 413.5 | 0.00 | 0.00 | |
| 2,600.0 | 11.92 | 89.14 | 2,556.1 | 6.6 | 434.2 | 434.2 | 0.00 | 0.00 | |
| 2,700.0 | 11.92 | 89.14 | 2,653.9 | 6.9 | 454.8 | 454.8 | 0.00 | 0.00 | |
| 2,800.0 | 11.92 | 89.14 | 2,751.8 | 7.2 | 475.5 | 475.5 | 0.00 | 0.00 | |
| 2,900.0 | 11.92 | 89.14 | 2,849.6 | 7.5 | 496.1 | 496.2 | 0.00 | 0.00 | |
| 3,000.0 | 11.92 | 89.14 | 2,947.5 | 7.8 | 516.8 | 516.8 | 0.00 | 0.00 | |
| 3,100.0 | 11.92 | 89.14 | 3,045.3 | 8.1 | 537.4 | 537.5 | 0.00 | 0.00 | |
| 3,200.0 | 11.92 | 89.14 | 3,143.2 | 8.4 | 558.1 | 558.1 | 0.00 | 0.00 | |
| 3,270.4 | 11.92 | 89.14 | 3,212.0 | 8.6 | 572.6 | 572.7 | 0.00 | 0.00 | WASATCH FM |
| 3,300.0 | 11.92 | 89.14 | 3,241.0 | 8.7 | 578.8 | 578.8 | 0.00 | 0.00 | |
| 3,400.0 | 11.92 | 89.14 | 3,338.8 | 9.0 | 599.4 | 599.4 | 0.00 | 0.00 | |
| 3,500.0 | 11.92 | 89.14 | 3,436.7 | 9.4 | 620.1 | 620.1 | 0.00 | 0.00 | |
| 3,600.0 | 11.92 | 89.14 | 3,534.5 | 9.7 | 640.7 | 640.7 | 0.00 | 0.00 | |
| 3,700.0 | 11.92 | 89.14 | 3,632.4 | 10.0 | 661.4 | 661.4 | 0.00 | 0.00 | |
| 3,800.0 | 11.92 | 89.14 | 3,730.2 | 10.3 | 682.0 | 682.1 | 0.00 | 0.00 | |
| 3,900.0 | 11.92 | 89.14 | 3,828.1 | 10.6 | 702.7 | 702.7 | 0.00 | 0.00 | |
| 4,000.0 | 11.92 | 89.14 | 3,925.9 | 10.9 | 723.3 | 723.4 | 0.00 | 0.00 | |
| 4,100.0 | 11.92 | 89.14 | 4,023.8 | 11.2 | 744.0 | 744.0 | 0.00 | 0.00 | |
| 4,200.0 | 11.92 | 89.14 | 4,121.6 | 11.5 | 764.6 | 764.7 | 0.00 | 0.00 | |
| 4,300.0 | 11.92 | 89.14 | 4,219.4 | 11.9 | 785.3 | 785.3 | 0.00 | 0.00 | |
| 4,400.0 | 11.92 | 89.14 | 4,317.3 | 12.2 | 806.0 | 806.0 | 0.00 | 0.00 | |
| 4,500.0 | 11.92 | 89.14 | 4,415.1 | 12.5 | 826.6 | 826.6 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF05C-03 H04 596 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Site: | H04 Pad | North Reference: | True |
| Well: | UWF05C-03 H04 596 | 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 |
| 4,600.0 | 11.92 | 89.14 | 4,513.0 | 12.8 | 847.3 | 847.3 | 0.00 | 0.00 | |
| 4,700.0 | 11.92 | 89.14 | 4,610.8 | 13.1 | 867.9 | 868.0 | 0.00 | 0.00 | |
| 4,800.0 | 11.92 | 89.14 | 4,708.7 | 13.4 | 888.6 | 888.6 | 0.00 | 0.00 | |
| 4,900.0 | 11.92 | 89.14 | 4,806.5 | 13.7 | 909.2 | 909.3 | 0.00 | 0.00 | |
| 5,000.0 | 11.92 | 89.14 | 4,904.3 | 14.0 | 929.9 | 929.9 | 0.00 | 0.00 | |
| 5,100.0 | 11.92 | 89.14 | 5,002.2 | 14.3 | 950.5 | 950.6 | 0.00 | 0.00 | |
| 5,200.0 | 11.92 | 89.14 | 5,100.0 | 14.7 | 971.2 | 971.2 | 0.00 | 0.00 | |
| 5,300.0 | 11.92 | 89.14 | 5,197.9 | 15.0 | 991.8 | 991.9 | 0.00 | 0.00 | |
| 5,400.0 | 11.92 | 89.14 | 5,295.7 | 15.3 | 1,012.5 | 1,012.5 | 0.00 | 0.00 | |
| 5,426.9 | 11.92 | 89.14 | 5,322.0 | 15.4 | 1,018.1 | 1,018.1 | 0.00 | 0.00 | WASATCH G |
| 5,500.0 | 11.92 | 89.14 | 5,393.6 | 15.6 | 1,033.2 | 1,033.2 | 0.00 | 0.00 | |
| 5,600.0 | 11.92 | 89.14 | 5,491.4 | 15.9 | 1,053.8 | 1,053.9 | 0.00 | 0.00 | |
| 5,700.0 | 11.92 | 89.14 | 5,589.2 | 16.2 | 1,074.5 | 1,074.5 | 0.00 | 0.00 | |
| 5,800.0 | 11.92 | 89.14 | 5,687.1 | 16.5 | 1,095.1 | 1,095.2 | 0.00 | 0.00 | |
| 5,900.0 | 11.92 | 89.14 | 5,784.9 | 16.8 | 1,115.8 | 1,115.8 | 0.00 | 0.00 | |
| 6,000.0 | 11.92 | 89.14 | 5,882.8 | 17.2 | 1,136.4 | 1,136.5 | 0.00 | 0.00 | |
| 6,100.0 | 11.92 | 89.14 | 5,980.6 | 17.5 | 1,157.1 | 1,157.1 | 0.00 | 0.00 | |
| 6,200.0 | 11.92 | 89.14 | 6,078.5 | 17.8 | 1,177.7 | 1,177.8 | 0.00 | 0.00 | |
| 6,300.0 | 11.92 | 89.14 | 6,176.3 | 18.1 | 1,198.4 | 1,198.4 | 0.00 | 0.00 | |
| 6,400.0 | 11.92 | 89.14 | 6,274.1 | 18.4 | 1,219.0 | 1,219.1 | 0.00 | 0.00 | |
| 6,500.0 | 11.92 | 89.14 | 6,372.0 | 18.7 | 1,239.7 | 1,239.8 | 0.00 | 0.00 | |
| 6,600.0 | 11.92 | 89.14 | 6,469.8 | 19.0 | 1,260.4 | 1,260.4 | 0.00 | 0.00 | |
| 6,700.0 | 11.92 | 89.14 | 6,567.7 | 19.3 | 1,281.0 | 1,281.1 | 0.00 | 0.00 | |
| 6,800.0 | 11.92 | 89.14 | 6,665.5 | 19.6 | 1,301.7 | 1,301.7 | 0.00 | 0.00 | |
| 6,900.0 | 11.92 | 89.14 | 6,763.4 | 20.0 | 1,322.3 | 1,322.4 | 0.00 | 0.00 | |
| 7,000.0 | 11.92 | 89.14 | 6,861.2 | 20.3 | 1,343.0 | 1,343.0 | 0.00 | 0.00 | |
| 7,099.4 | 11.92 | 89.14 | 6,958.5 | 20.6 | 1,363.5 | 1,363.6 | 0.00 | 0.00 | Start 3° Drop |
| 7,200.0 | 8.90 | 89.14 | 7,057.4 | 20.9 | 1,381.7 | 1,381.7 | 3.00 | -3.00 | |
| 7,300.0 | 5.90 | 89.14 | 7,156.5 | 21.0 | 1,394.6 | 1,394.6 | 3.00 | -3.00 | |
| 7,400.0 | 2.90 | 89.14 | 7,256.2 | 21.2 | 1,402.2 | 1,402.3 | 3.00 | -3.00 | |
| 7,496.8 | 0.00 | 0.00 | 7,353.0 | 21.2 | 1,404.7 | 1,404.8 | 3.00 | -3.00 | EOD @ Inc. = 0° - WILLIAMS FORK |
| 7,500.0 | 0.00 | 239.54 | 7,356.2 | 21.2 | 1,404.7 | 1,404.8 | 0.02 | 0.02 | |
| 7,600.0 | 0.02 | 239.54 | 7,456.2 | 21.2 | 1,404.7 | 1,404.7 | 0.02 | 0.02 | |
| 7,700.0 | 0.05 | 239.54 | 7,556.2 | 21.2 | 1,404.6 | 1,404.7 | 0.02 | 0.02 | |
| 7,800.0 | 0.07 | 239.54 | 7,656.2 | 21.1 | 1,404.5 | 1,404.6 | 0.02 | 0.02 | |
| 7,900.0 | 0.09 | 239.54 | 7,756.2 | 21.0 | 1,404.4 | 1,404.5 | 0.02 | 0.02 | |
| 8,000.0 | 0.11 | 239.54 | 7,856.2 | 20.9 | 1,404.3 | 1,404.3 | 0.02 | 0.02 | |
| 8,100.0 | 0.14 | 239.54 | 7,956.2 | 20.8 | 1,404.1 | 1,404.1 | 0.02 | 0.02 | |
| 8,200.0 | 0.16 | 239.54 | 8,056.2 | 20.7 | 1,403.9 | 1,403.9 | 0.02 | 0.02 | |
| 8,300.0 | 0.18 | 239.54 | 8,156.2 | 20.5 | 1,403.6 | 1,403.7 | 0.02 | 0.02 | |
| 8,400.0 | 0.21 | 239.54 | 8,256.2 | 20.4 | 1,403.3 | 1,403.4 | 0.02 | 0.02 | |
| 8,500.0 | 0.23 | 239.54 | 8,356.2 | 20.2 | 1,403.0 | 1,403.0 | 0.02 | 0.02 | |
| 8,600.0 | 0.25 | 239.54 | 8,456.2 | 20.0 | 1,402.6 | 1,402.7 | 0.02 | 0.02 | |
| 8,700.0 | 0.27 | 239.54 | 8,556.2 | 19.7 | 1,402.2 | 1,402.3 | 0.02 | 0.02 | |
| 8,800.0 | 0.30 | 239.54 | 8,656.2 | 19.5 | 1,401.8 | 1,401.8 | 0.02 | 0.02 | |
| 8,900.0 | 0.32 | 239.54 | 8,756.2 | 19.2 | 1,401.3 | 1,401.4 | 0.02 | 0.02 | |
| 9,000.0 | 0.34 | 239.54 | 8,856.2 | 18.9 | 1,400.8 | 1,400.9 | 0.02 | 0.02 | |
| 9,100.0 | 0.37 | 239.54 | 8,956.2 | 18.6 | 1,400.3 | 1,400.3 | 0.02 | 0.02 | |
| 9,200.0 | 0.39 | 239.54 | 9,056.2 | 18.3 | 1,399.7 | 1,399.8 | 0.02 | 0.02 | |
| 9,300.0 | 0.41 | 239.54 | 9,156.2 | 17.9 | 1,399.1 | 1,399.2 | 0.02 | 0.02 | |
| 9,313.4 | 0.41 | 239.54 | 9,169.5 | 17.9 | 1,399.0 | 1,399.1 | 0.02 | 0.02 | |
| 9,400.0 | 0.41 | 239.54 | 9,256.2 | 17.6 | 1,398.5 | 1,398.5 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF05C-03 H04 596 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Site: | H04 Pad | North Reference: | True |
| Well: | UWF05C-03 H04 596 | 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 |
| 9,500.0 | 0.41 | 239.54 | 9,356.2 | 17.2 | 1,397.9 | 1,397.9 | 0.00 | 0.00 | |
| 9,600.0 | 0.41 | 239.54 | 9,456.2 | 16.8 | 1,397.2 | 1,397.3 | 0.00 | 0.00 | |
| 9,700.0 | 0.41 | 239.54 | 9,556.2 | 16.5 | 1,396.6 | 1,396.7 | 0.00 | 0.00 | |
| 9,800.0 | 0.41 | 239.54 | 9,656.2 | 16.1 | 1,396.0 | 1,396.0 | 0.00 | 0.00 | |
| 9,900.0 | 0.41 | 239.54 | 9,756.2 | 15.7 | 1,395.4 | 1,395.4 | 0.00 | 0.00 | |
| 10,000.0 | 0.41 | 239.54 | 9,856.2 | 15.4 | 1,394.8 | 1,394.8 | 0.00 | 0.00 | |
| 10,100.0 | 0.41 | 239.54 | 9,956.2 | 15.0 | 1,394.1 | 1,394.2 | 0.00 | 0.00 | |
| 10,200.0 | 0.41 | 239.54 | 10,056.2 | 14.6 | 1,393.5 | 1,393.5 | 0.00 | 0.00 | |
| 10,300.0 | 0.41 | 239.54 | 10,156.2 | 14.2 | 1,392.9 | 1,392.9 | 0.00 | 0.00 | |
| 10,400.0 | 0.41 | 239.54 | 10,256.2 | 13.9 | 1,392.3 | 1,392.3 | 0.00 | 0.00 | |
| 10,500.0 | 0.41 | 239.54 | 10,356.1 | 13.5 | 1,391.6 | 1,391.7 | 0.00 | 0.00 | |
| 10,600.0 | 0.41 | 239.54 | 10,456.1 | 13.1 | 1,391.0 | 1,391.0 | 0.00 | 0.00 | |
| 10,700.0 | 0.41 | 239.54 | 10,556.1 | 12.8 | 1,390.4 | 1,390.4 | 0.00 | 0.00 | |
| 10,800.0 | 0.41 | 239.54 | 10,656.1 | 12.4 | 1,389.8 | 1,389.8 | 0.00 | 0.00 | |
| 10,900.0 | 0.41 | 239.54 | 10,756.1 | 12.0 | 1,389.1 | 1,389.2 | 0.00 | 0.00 | |
| 11,000.0 | 0.41 | 239.54 | 10,856.1 | 11.7 | 1,388.5 | 1,388.5 | 0.00 | 0.00 | |
| 11,100.0 | 0.41 | 239.54 | 10,956.1 | 11.3 | 1,387.9 | 1,387.9 | 0.00 | 0.00 | |
| 11,137.9 | 0.41 | 239.54 | 10,994.0 | 11.2 | 1,387.7 | 1,387.7 | 0.00 | 0.00 | TD @ 11,137.9' MD - ROLLINS |
| 11,200.0 | 0.41 | 239.54 | 11,056.1 | 10.9 | 1,387.3 | 1,387.3 | 0.00 | 0.00 | |
| 11,300.0 | 0.41 | 239.54 | 11,156.1 | 10.6 | 1,386.6 | 1,386.7 | 0.00 | 0.00 | |
| 11,374.9 | 0.41 | 239.54 | 11,231.0 | 10.3 | 1,386.2 | 1,386.2 | 0.00 | 0.00 | COZZETTE |
| 11,400.0 | 0.41 | 239.54 | 11,256.1 | 10.2 | 1,386.0 | 1,386.0 | 0.00 | 0.00 | |
| 11,500.0 | 0.41 | 239.54 | 11,356.1 | 9.8 | 1,385.4 | 1,385.4 | 0.00 | 0.00 | |
| 11,548.9 | 0.41 | 239.54 | 11,405.0 | 9.7 | 1,385.1 | 1,385.1 | 0.00 | 0.00 | CORCORAN |
| 11,600.0 | 0.41 | 239.54 | 11,456.1 | 9.5 | 1,384.8 | 1,384.8 | 0.00 | 0.00 | |
| 11,700.0 | 0.41 | 239.54 | 11,556.1 | 9.1 | 1,384.2 | 1,384.2 | 0.00 | 0.00 | |
| 11,800.0 | 0.41 | 239.54 | 11,656.1 | 8.7 | 1,383.5 | 1,383.6 | 0.00 | 0.00 | |
| 11,842.9 | 0.41 | 239.54 | 11,699.0 | 8.6 | 1,383.3 | 1,383.3 | 0.00 | 0.00 | UPPER SEGO |
| 11,900.0 | 0.41 | 239.54 | 11,756.1 | 8.4 | 1,382.9 | 1,382.9 | 0.00 | 0.00 | |
| 12,000.0 | 0.41 | 239.54 | 11,856.1 | 8.0 | 1,382.3 | 1,382.3 | 0.00 | 0.00 | |
| 12,100.0 | 0.41 | 239.54 | 11,956.1 | 7.6 | 1,381.7 | 1,381.7 | 0.00 | 0.00 | |
| 12,200.0 | 0.41 | 239.54 | 12,056.1 | 7.3 | 1,381.0 | 1,381.1 | 0.00 | 0.00 | |
| 12,300.0 | 0.41 | 239.54 | 12,156.1 | 6.9 | 1,380.4 | 1,380.4 | 0.00 | 0.00 | |
| 12,400.0 | 0.41 | 239.54 | 12,256.1 | 6.5 | 1,379.8 | 1,379.8 | 0.00 | 0.00 | |
| 12,500.0 | 0.41 | 239.54 | 12,356.1 | 6.2 | 1,379.2 | 1,379.2 | 0.00 | 0.00 | |
| 12,600.0 | 0.41 | 239.54 | 12,456.1 | 5.8 | 1,378.5 | 1,378.6 | 0.00 | 0.00 | |
| 12,700.0 | 0.41 | 239.54 | 12,556.1 | 5.4 | 1,377.9 | 1,377.9 | 0.00 | 0.00 | |
| 12,800.0 | 0.41 | 239.54 | 12,656.1 | 5.1 | 1,377.3 | 1,377.3 | 0.00 | 0.00 | |
| 12,900.0 | 0.41 | 239.54 | 12,756.1 | 4.7 | 1,376.7 | 1,376.7 | 0.00 | 0.00 | |
| 13,000.0 | 0.41 | 239.54 | 12,856.1 | 4.3 | 1,376.0 | 1,376.1 | 0.00 | 0.00 | Permti TD @ 13,000' MD |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|-------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well UWF05C-03 H04 596 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Project: | North Piceance | MD Reference: | KBE @ 8293.0ft (Original Well Elev) |
| Site: | H04 Pad | North Reference: | True |
| Well: | UWF05C-03 H04 596 | 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) | | |
| UWF05C-03 TGT | 0.00 | 0.00 | 7,353.0 | 21.2 | 1,404.7 | 1,671,190.96 | 2,251,066.84 | 39° 38' 45.98 N | 108° 9' 35.90 W |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |
| UWF05C-03 PBHL | 0.00 | 0.00 | 10,994.0 | 11.2 | 1,387.7 | 1,671,181.44 | 2,251,049.51 | 39° 38' 45.88 N | 108° 9' 36.12 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) | | | (°) | (°) | |
| 1,105.7 | 1,094.0 | A GROOVE | | | | |
| 1,268.2 | 1,253.0 | B GROOVE | | | | |
| 1,309.1 | 1,293.0 | B GROOVE BASE | | | | |
| 2,176.8 | 2,142.0 | GARDEN GULCH | | | | |
| 3,270.4 | 3,212.0 | WASATCH FM | | | | |
| 5,426.9 | 5,322.0 | WASATCH G | | | | |
| 7,496.8 | 7,353.0 | WILLIAMS FORK | | | | |
| 11,137.9 | 10,994.0 | ROLLINS | | | | |
| 11,374.9 | 11,231.0 | COZZETTE | | | | |
| 11,548.9 | 11,405.0 | CORCORAN | | | | |
| 11,842.9 | 11,699.0 | UPPER SEGO | | | | |

| Plan Annotations | | | | |
|------------------|----------------|-------------------|------------|------------------------|
| Measured Depth | Vertical Depth | Local Coordinates | | Comment |
| (ft) | (ft) | +N/-S (ft) | +E/-W (ft) | |
| 300.0 | 300.0 | 0.0 | 0.0 | KOP @ 300' |
| 697.4 | 694.5 | 0.6 | 41.2 | EOB @ Inc. = 11.92° |
| 7,099.4 | 6,958.5 | 20.6 | 1,363.5 | Start 3° Drop |
| 7,496.8 | 7,353.0 | 21.2 | 1,404.7 | EOD @ Inc. = 0° |
| 11,137.9 | 10,994.0 | 11.2 | 1,387.7 | TD @ 11,137.9' MD |
| 13,000.0 | 12,856.1 | 4.3 | 1,376.0 | Permti TD @ 13,000' MD |