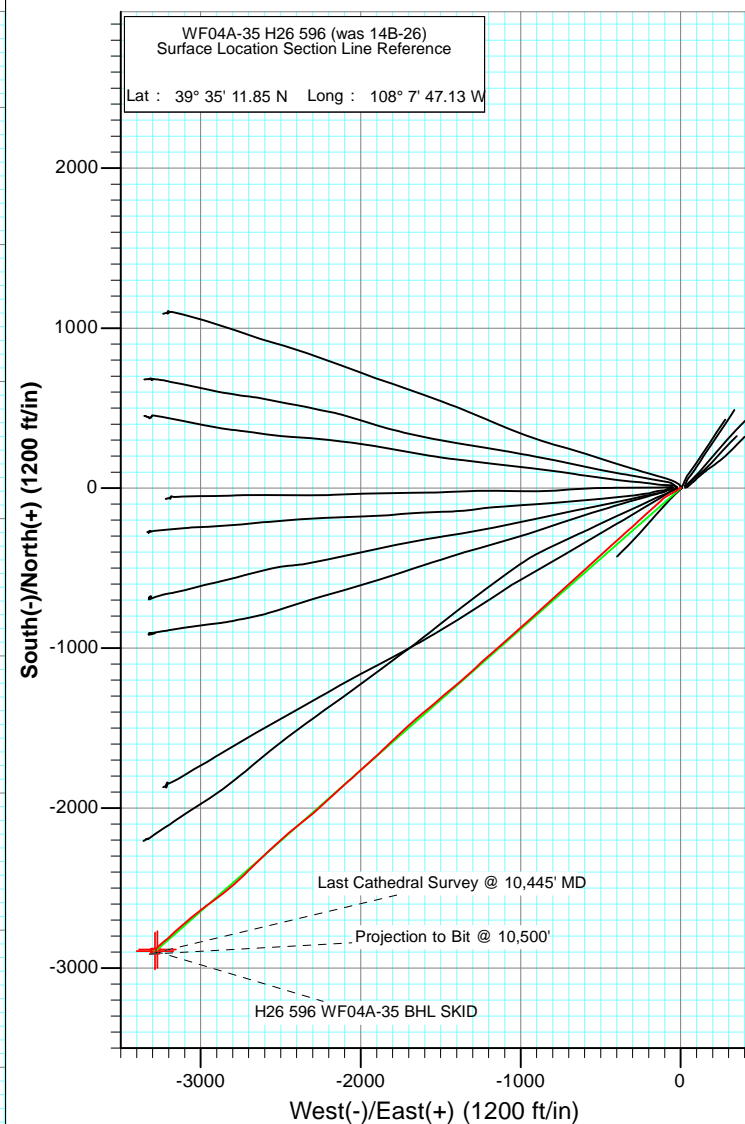
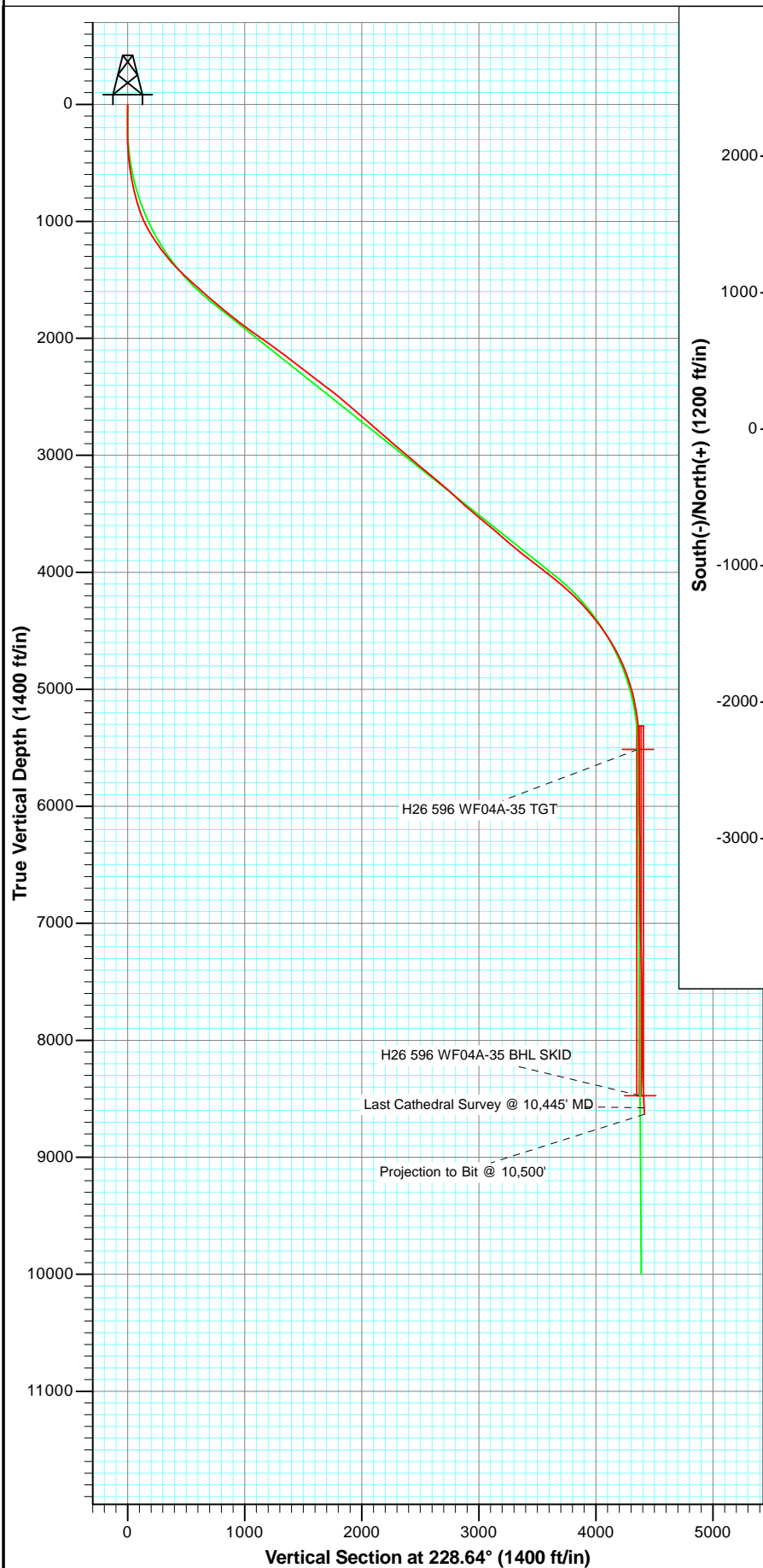




Project: North Piceance
Site: H26 596
Well: WF04A-35 H26 596 (was 14B-26)
Wellbore: DD
Plan: FINAL



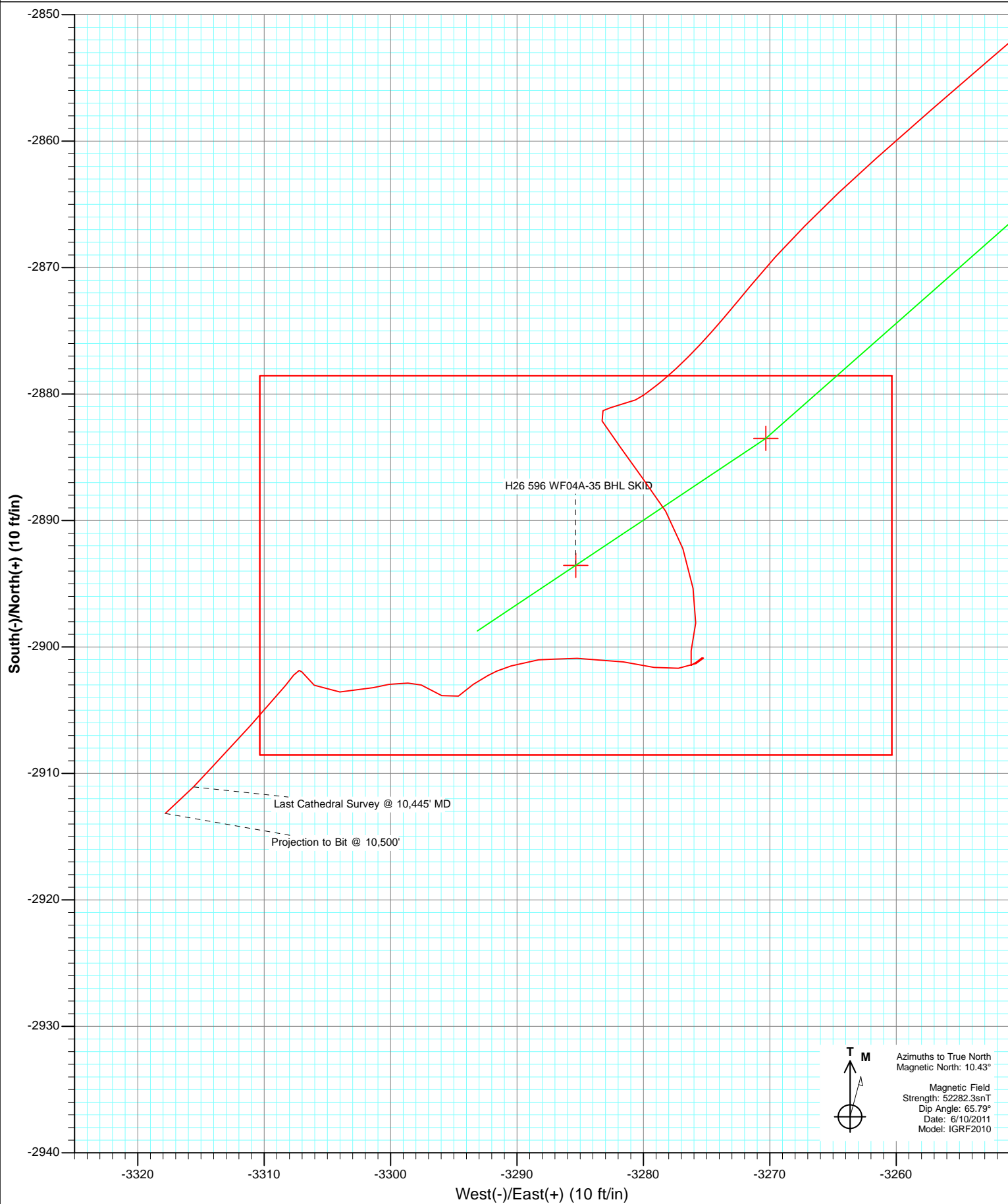
Azimuths to True North
Magnetic North: 10.43°

Magnetic Field
Strength: 52282.3nT
Dip Angle: 65.79°
Date: 6/10/2011
Model: IGRF2010

| DD WF04A-35 H26 596 (was 14B-26) 115239 (SH); LR 115345 (MH); SC WELL @ 6114.0ft (Original Well Elev) GL @ 6092.0 North American Datum 1983 Well WF04A-35 H26 596 (was 14B-26), True North | | | | | | | |
|--|----------------------|---------|-------------|---------|---------|----------|-----------|
| Type | Target | Azimuth | Origin Type | N/S | E/W | From TVD | |
| User | No Target (Freehand) | 228.64 | Slot | 0.0 | 0.0 | 0.0 | |
| H26 596 WF04A-35 TGT | TV | 5514.0 | +N/-S | | +E/-W | Latitude | Longitude |
| H26 596 WF04A-35 BHL SKID | 8474.0 | -2883.5 | -3270.3 | 39° 34' | 43.35 N | 108° 8' | 28.90 W |
| | | -2893.5 | -3285.3 | 39° 34' | 43.25 N | 108° 8' | 29.09 W |



Project: North Piceance
Site: H26 596
Well: WF04A-35 H26 596 (was 14B-26)
Wellbore: DD
Plan: FINAL



Cathedral Energy Services

Survey Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well WF04A-35 H26 596 (was 14B-26) |
| Project: | North Piceance | TVD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Site: | H26 596 | MD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Well: | WF04A-35 H26 596 (was 14B-26) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | DD | Database: | USA EDM 5000 Multi Users DB |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| 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 | | H26 596 | | | |
|-----------------------|--------|--------------|-----------------|-------------------|-----------------|
| Site Position: | | Northing: | 1,649,294.53 ft | Latitude: | 39° 35' 11.93 N |
| From: | Map | Easting: | 2,258,943.98 ft | Longitude: | 108° 7' 47.14 W |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | -1.66 ° |

| | | | | | | |
|----------------------|-------------------------------|--------|---------------------|-----------------|---------------|-----------------|
| Well | WF04A-35 H26 596 (was 14B-26) | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,649,286.41 ft | Latitude: | 39° 35' 11.85 N |
| | +E/-W | 0.0 ft | Easting: | 2,258,944.53 ft | Longitude: | 108° 7' 47.13 W |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 6,092.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | DD | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 6/10/2011 | 10.43 | 65.79 | 52,282 |

| | | | | |
|-------------------|--------------------------|---------------|---------------|-------------------|
| Design | DD | | | |
| Audit Notes: | | | | |
| Version: | 1.0 | Phase: | ACTUAL | Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 228.64 |

| | | | | | |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| Survey Program | Date | 8/31/2011 | | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 180.0 | 1,706.0 | Survey #1 (DD) | MWD | Geolink MWD | |
| 1,801.0 | 10,500.0 | Survey #2 (DD) | MWD | Geolink MWD | |

| | | | | | | | | | | |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--|
| Survey | | | | | | | | | | |
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments | |
| 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | | |
| 180.0 | 1.40 | 12.02 | 180.0 | 2.2 | 0.5 | -1.8 | 0.78 | 0.78 | | |
| 261.0 | 1.10 | 233.10 | 261.0 | 2.7 | 0.0 | -1.8 | 2.89 | -0.37 | | |
| 292.0 | 1.27 | 243.95 | 292.0 | 2.3 | -0.5 | -1.2 | 0.91 | 0.55 | | |
| 322.0 | 1.67 | 232.39 | 322.0 | 1.9 | -1.1 | -0.4 | 1.65 | 1.33 | | |
| 353.0 | 2.51 | 226.03 | 352.9 | 1.2 | -2.0 | 0.7 | 2.81 | 2.71 | | |
| 383.0 | 3.35 | 225.65 | 382.9 | 0.1 | -3.1 | 2.3 | 2.80 | 2.80 | | |
| 413.0 | 4.04 | 232.52 | 412.8 | -1.2 | -4.6 | 4.2 | 2.73 | 2.30 | | |
| 444.0 | 4.93 | 232.97 | 443.7 | -2.6 | -6.5 | 6.6 | 2.87 | 2.87 | | |
| 474.0 | 5.93 | 236.34 | 473.6 | -4.3 | -8.8 | 9.4 | 3.50 | 3.33 | | |
| 505.0 | 6.82 | 235.57 | 504.4 | -6.2 | -11.7 | 12.8 | 2.88 | 2.87 | | |
| 554.0 | 8.43 | 236.24 | 553.0 | -9.8 | -17.0 | 19.3 | 3.29 | 3.29 | | |

Cathedral Energy Services

Survey Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well WF04A-35 H26 596 (was 14B-26) |
| Project: | North Piceance | TVD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Site: | H26 596 | MD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Well: | WF04A-35 H26 596 (was 14B-26) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | DD | Database: | USA EDM 5000 Multi Users DB |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------------------|
| 599.0 | 9.77 | 236.23 | 597.4 | -13.8 | -23.0 | 26.3 | 2.98 | 2.98 | |
| 617.0 | 10.63 | 239.75 | 615.1 | -15.5 | -25.7 | 29.5 | 5.90 | 4.78 | |
| 659.0 | 11.57 | 239.87 | 656.3 | -19.5 | -32.7 | 37.4 | 2.24 | 2.24 | |
| 704.0 | 12.31 | 244.70 | 700.4 | -23.9 | -40.9 | 46.5 | 2.76 | 1.64 | |
| 749.0 | 13.27 | 238.09 | 744.3 | -28.6 | -49.6 | 56.2 | 3.89 | 2.13 | |
| 795.0 | 14.29 | 241.49 | 788.9 | -34.1 | -59.1 | 66.9 | 2.83 | 2.22 | |
| 840.0 | 15.84 | 239.81 | 832.4 | -39.9 | -69.3 | 78.3 | 3.58 | 3.44 | |
| 887.0 | 17.63 | 237.63 | 877.4 | -46.9 | -80.8 | 91.7 | 4.04 | 3.81 | |
| 933.0 | 19.84 | 238.60 | 920.9 | -54.7 | -93.4 | 106.2 | 4.85 | 4.80 | |
| 1,014.0 | 25.10 | 226.40 | 995.8 | -73.7 | -117.6 | 137.0 | 8.65 | 6.49 | |
| 1,060.0 | 27.40 | 227.30 | 1,037.1 | -87.7 | -132.4 | 157.3 | 5.07 | 5.00 | |
| 1,106.0 | 30.10 | 228.20 | 1,077.4 | -102.5 | -148.8 | 179.4 | 5.94 | 5.87 | |
| 1,152.0 | 32.20 | 228.20 | 1,116.8 | -118.4 | -166.6 | 203.2 | 4.57 | 4.57 | |
| 1,197.0 | 33.10 | 228.50 | 1,154.6 | -134.5 | -184.7 | 227.5 | 2.03 | 2.00 | |
| 1,243.0 | 34.20 | 228.00 | 1,192.9 | -151.5 | -203.7 | 253.0 | 2.47 | 2.39 | |
| 1,289.0 | 36.10 | 227.20 | 1,230.5 | -169.3 | -223.3 | 279.5 | 4.25 | 4.13 | |
| 1,335.0 | 37.40 | 227.30 | 1,267.4 | -188.0 | -243.5 | 307.0 | 2.83 | 2.83 | |
| 1,380.0 | 39.10 | 227.90 | 1,302.7 | -206.8 | -264.0 | 334.8 | 3.87 | 3.78 | |
| 1,426.0 | 40.80 | 227.80 | 1,338.0 | -226.6 | -285.9 | 364.4 | 3.70 | 3.70 | |
| 1,472.0 | 42.60 | 227.90 | 1,372.4 | -247.2 | -308.6 | 395.0 | 3.92 | 3.91 | |
| 1,518.0 | 44.50 | 228.00 | 1,405.7 | -268.4 | -332.2 | 426.7 | 4.13 | 4.13 | |
| 1,609.0 | 47.50 | 227.70 | 1,468.9 | -312.3 | -380.7 | 492.1 | 3.31 | 3.30 | |
| 1,706.0 | 47.80 | 228.40 | 1,534.2 | -360.2 | -434.0 | 563.8 | 0.62 | 0.31 | Last Cathedral Survey @ 1,706' MD |
| 1,801.0 | 47.70 | 227.80 | 1,598.1 | -407.2 | -486.3 | 634.1 | 0.48 | -0.11 | |
| 1,893.0 | 49.30 | 228.10 | 1,659.1 | -453.4 | -537.5 | 703.0 | 1.76 | 1.74 | |
| 1,985.0 | 50.10 | 227.10 | 1,718.6 | -500.7 | -589.3 | 773.2 | 1.20 | 0.87 | |
| 2,076.0 | 51.30 | 227.40 | 1,776.2 | -548.5 | -641.0 | 843.6 | 1.34 | 1.32 | |
| 2,168.0 | 52.20 | 228.20 | 1,833.2 | -597.0 | -694.6 | 915.8 | 1.19 | 0.98 | |
| 2,259.0 | 52.60 | 227.70 | 1,888.7 | -645.3 | -748.1 | 987.9 | 0.62 | 0.44 | |
| 2,351.0 | 54.50 | 228.60 | 1,943.4 | -694.6 | -803.2 | 1,061.9 | 2.21 | 2.07 | |
| 2,443.0 | 54.70 | 227.30 | 1,996.7 | -744.9 | -858.9 | 1,136.9 | 1.17 | 0.22 | |
| 2,534.0 | 54.10 | 228.10 | 2,049.6 | -794.7 | -913.6 | 1,210.8 | 0.97 | -0.66 | |
| 2,626.0 | 54.60 | 227.60 | 2,103.2 | -844.8 | -969.0 | 1,285.6 | 0.70 | 0.54 | |
| 2,717.0 | 53.00 | 228.50 | 2,157.0 | -893.9 | -1,023.7 | 1,359.0 | 1.93 | -1.76 | |
| 2,809.0 | 51.50 | 228.80 | 2,213.3 | -942.0 | -1,078.3 | 1,431.8 | 1.65 | -1.63 | |
| 2,901.0 | 52.00 | 229.30 | 2,270.3 | -989.3 | -1,132.8 | 1,504.0 | 0.69 | 0.54 | |
| 2,992.0 | 52.70 | 228.30 | 2,325.9 | -1,036.8 | -1,187.0 | 1,576.1 | 1.16 | 0.77 | |
| 3,084.0 | 53.70 | 227.80 | 2,381.0 | -1,086.0 | -1,241.8 | 1,649.7 | 1.17 | 1.09 | |
| 3,175.0 | 52.30 | 227.00 | 2,435.7 | -1,135.2 | -1,295.3 | 1,722.4 | 1.69 | -1.54 | |
| 3,267.0 | 50.80 | 229.30 | 2,492.9 | -1,183.3 | -1,349.0 | 1,794.4 | 2.55 | -1.63 | |
| 3,358.0 | 49.50 | 229.20 | 2,551.3 | -1,228.9 | -1,401.9 | 1,864.3 | 1.43 | -1.43 | |
| 3,450.0 | 49.20 | 230.20 | 2,611.2 | -1,274.1 | -1,455.1 | 1,934.1 | 0.89 | -0.33 | |
| 3,542.0 | 48.90 | 228.90 | 2,671.5 | -1,319.1 | -1,508.0 | 2,003.5 | 1.12 | -0.33 | |
| 3,633.0 | 50.10 | 230.10 | 2,730.6 | -1,364.1 | -1,560.6 | 2,072.7 | 1.66 | 1.32 | |
| 3,725.0 | 47.90 | 229.80 | 2,790.9 | -1,408.7 | -1,613.8 | 2,142.1 | 2.40 | -2.39 | |
| 3,816.0 | 49.40 | 229.20 | 2,851.1 | -1,453.1 | -1,665.7 | 2,210.4 | 1.72 | 1.65 | |
| 3,908.0 | 49.40 | 227.10 | 2,910.9 | -1,499.7 | -1,717.7 | 2,280.3 | 1.73 | 0.00 | |
| 3,999.0 | 50.00 | 226.40 | 2,969.8 | -1,547.3 | -1,768.3 | 2,349.6 | 0.88 | 0.66 | |
| 4,091.0 | 49.30 | 226.00 | 3,029.4 | -1,595.8 | -1,818.9 | 2,419.7 | 0.83 | -0.76 | |
| 4,183.0 | 50.20 | 226.40 | 3,088.8 | -1,644.4 | -1,869.6 | 2,489.8 | 1.03 | 0.98 | |
| 4,275.0 | 50.90 | 227.70 | 3,147.3 | -1,692.8 | -1,921.6 | 2,560.9 | 1.33 | 0.76 | |
| 4,366.0 | 49.90 | 228.50 | 3,205.3 | -1,739.6 | -1,973.8 | 2,631.0 | 1.29 | -1.10 | |
| 4,458.0 | 49.00 | 227.60 | 3,265.1 | -1,786.3 | -2,025.8 | 2,700.9 | 1.23 | -0.98 | |

Cathedral Energy Services

Survey Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well WF04A-35 H26 596 (was 14B-26) |
| Project: | North Piceance | TVD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Site: | H26 596 | MD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Well: | WF04A-35 H26 596 (was 14B-26) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | DD | Database: | USA EDM 5000 Multi Users DB |

| Survey | | | | | | | | | |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
| 4,549.0 | 47.60 | 228.60 | 3,325.6 | -1,831.7 | -2,076.3 | 2,768.8 | 1.74 | -1.54 | |
| 4,641.0 | 46.90 | 227.60 | 3,388.1 | -1,876.8 | -2,126.6 | 2,836.4 | 1.10 | -0.76 | |
| 4,732.0 | 49.40 | 227.80 | 3,448.8 | -1,922.4 | -2,176.7 | 2,904.1 | 2.75 | 2.75 | |
| 4,824.0 | 50.30 | 227.10 | 3,508.1 | -1,970.0 | -2,228.5 | 2,974.4 | 1.14 | 0.98 | |
| 4,915.0 | 50.00 | 227.70 | 3,566.4 | -2,017.3 | -2,280.0 | 3,044.3 | 0.60 | -0.33 | |
| 5,007.0 | 50.20 | 231.80 | 3,625.4 | -2,062.9 | -2,333.8 | 3,114.8 | 3.43 | 0.22 | |
| 5,098.0 | 48.20 | 231.40 | 3,684.9 | -2,105.7 | -2,387.8 | 3,183.6 | 2.22 | -2.20 | |
| 5,190.0 | 50.30 | 230.20 | 3,744.9 | -2,149.7 | -2,441.8 | 3,253.2 | 2.49 | 2.28 | |
| 5,281.0 | 50.70 | 228.10 | 3,802.8 | -2,195.6 | -2,494.9 | 3,323.5 | 1.83 | 0.44 | |
| 5,373.0 | 52.10 | 227.80 | 3,860.2 | -2,243.8 | -2,548.3 | 3,395.4 | 1.54 | 1.52 | |
| 5,465.0 | 50.60 | 226.10 | 3,917.7 | -2,292.8 | -2,600.8 | 3,467.2 | 2.18 | -1.63 | |
| 5,556.0 | 52.50 | 226.00 | 3,974.3 | -2,342.3 | -2,652.1 | 3,538.4 | 2.09 | 2.09 | |
| 5,648.0 | 52.20 | 225.00 | 4,030.5 | -2,393.3 | -2,704.1 | 3,611.1 | 0.92 | -0.33 | |
| 5,739.0 | 50.90 | 226.60 | 4,087.1 | -2,443.0 | -2,755.1 | 3,682.3 | 1.98 | -1.43 | |
| 5,831.0 | 48.60 | 229.80 | 4,146.5 | -2,489.8 | -2,807.4 | 3,752.5 | 3.65 | -2.50 | |
| 5,922.0 | 45.10 | 230.90 | 4,208.7 | -2,532.2 | -2,858.5 | 3,818.8 | 3.95 | -3.85 | |
| 6,014.0 | 43.20 | 234.90 | 4,274.7 | -2,570.9 | -2,909.6 | 3,882.7 | 3.66 | -2.07 | |
| 6,105.0 | 40.80 | 233.40 | 4,342.4 | -2,606.5 | -2,959.0 | 3,943.3 | 2.86 | -2.64 | |
| 6,197.0 | 37.70 | 231.90 | 4,413.6 | -2,641.8 | -3,005.2 | 4,001.3 | 3.52 | -3.37 | |
| 6,288.0 | 36.00 | 230.00 | 4,486.4 | -2,676.2 | -3,047.6 | 4,055.9 | 2.25 | -1.87 | |
| 6,380.0 | 32.80 | 231.00 | 4,562.3 | -2,709.2 | -3,087.7 | 4,107.8 | 3.53 | -3.48 | |
| 6,472.0 | 29.40 | 229.20 | 4,641.1 | -2,739.7 | -3,124.2 | 4,155.3 | 3.83 | -3.70 | |
| 6,563.0 | 26.10 | 227.20 | 4,721.6 | -2,767.9 | -3,155.8 | 4,197.6 | 3.77 | -3.63 | |
| 6,654.0 | 23.10 | 226.50 | 4,804.4 | -2,793.8 | -3,183.4 | 4,235.5 | 3.31 | -3.30 | |
| 6,746.0 | 19.40 | 229.00 | 4,890.1 | -2,816.2 | -3,208.1 | 4,268.8 | 4.14 | -4.02 | |
| 6,838.0 | 16.30 | 230.90 | 4,977.6 | -2,834.4 | -3,229.6 | 4,297.0 | 3.43 | -3.37 | |
| 6,929.0 | 13.00 | 229.80 | 5,065.7 | -2,849.1 | -3,247.4 | 4,320.0 | 3.64 | -3.63 | |
| 7,021.0 | 10.60 | 228.40 | 5,155.7 | -2,861.4 | -3,261.6 | 4,338.8 | 2.63 | -2.61 | |
| 7,112.0 | 7.50 | 219.10 | 5,245.6 | -2,871.5 | -3,271.6 | 4,353.1 | 3.76 | -3.41 | |
| 7,204.0 | 3.70 | 228.60 | 5,337.1 | -2,878.2 | -3,277.6 | 4,362.0 | 4.24 | -4.13 | |
| 7,295.0 | 1.10 | 246.30 | 5,428.0 | -2,880.5 | -3,280.6 | 4,365.7 | 2.94 | -2.86 | |
| 7,387.0 | 1.50 | 257.50 | 5,520.0 | -2,881.1 | -3,282.6 | 4,367.6 | 0.51 | 0.43 | |
| 7,478.0 | 1.20 | 147.00 | 5,611.0 | -2,882.1 | -3,283.3 | 4,368.8 | 2.45 | -0.33 | |
| 7,570.0 | 1.90 | 144.40 | 5,703.0 | -2,884.2 | -3,281.8 | 4,369.1 | 0.76 | 0.76 | |
| 7,661.0 | 1.90 | 144.20 | 5,793.9 | -2,886.6 | -3,280.1 | 4,369.4 | 0.01 | 0.00 | |
| 7,753.0 | 2.10 | 145.80 | 5,885.9 | -2,889.3 | -3,278.2 | 4,369.7 | 0.23 | 0.22 | |
| 7,845.0 | 2.00 | 165.00 | 5,977.8 | -2,892.2 | -3,276.9 | 4,370.7 | 0.75 | -0.11 | |
| 7,936.0 | 2.10 | 166.10 | 6,068.8 | -2,895.4 | -3,276.1 | 4,372.1 | 0.12 | 0.11 | |
| 8,028.0 | 1.40 | 190.10 | 6,160.7 | -2,898.1 | -3,275.9 | 4,373.8 | 1.09 | -0.76 | |
| 8,119.0 | 1.40 | 188.30 | 6,251.7 | -2,900.3 | -3,276.2 | 4,375.5 | 0.05 | 0.00 | |
| 8,211.0 | 0.20 | 100.40 | 6,343.7 | -2,901.4 | -3,276.2 | 4,376.3 | 1.53 | -1.30 | |
| 8,303.0 | 0.50 | 43.60 | 6,435.7 | -2,901.2 | -3,275.8 | 4,375.8 | 0.46 | 0.33 | |
| 8,394.0 | 0.20 | 76.30 | 6,526.7 | -2,900.9 | -3,275.4 | 4,375.2 | 0.38 | -0.33 | |
| 8,486.0 | 0.10 | 217.90 | 6,618.7 | -2,900.9 | -3,275.2 | 4,375.2 | 0.31 | -0.11 | |
| 8,578.0 | 0.80 | 236.10 | 6,710.7 | -2,901.3 | -3,275.8 | 4,375.9 | 0.77 | 0.76 | |
| 8,669.0 | 1.10 | 268.50 | 6,801.7 | -2,901.7 | -3,277.2 | 4,377.2 | 0.66 | 0.33 | |
| 8,761.0 | 1.30 | 275.00 | 6,893.6 | -2,901.6 | -3,279.2 | 4,378.6 | 0.26 | 0.22 | |
| 8,849.0 | 1.90 | 283.70 | 6,981.6 | -2,901.2 | -3,281.6 | 4,380.1 | 0.73 | 0.68 | |
| 8,940.0 | 2.80 | 268.10 | 7,072.5 | -2,900.9 | -3,285.2 | 4,382.7 | 1.20 | 0.99 | |
| 9,032.0 | 1.00 | 267.00 | 7,164.5 | -2,901.0 | -3,288.3 | 4,385.1 | 1.96 | -1.96 | |
| 9,123.0 | 1.80 | 252.10 | 7,255.4 | -2,901.5 | -3,290.5 | 4,387.0 | 0.96 | 0.88 | |
| 9,215.0 | 0.70 | 236.40 | 7,347.4 | -2,902.3 | -3,292.3 | 4,388.9 | 1.24 | -1.20 | |
| 9,306.0 | 1.00 | 240.50 | 7,438.4 | -2,902.9 | -3,293.4 | 4,390.2 | 0.34 | 0.33 | |

Cathedral Energy Services

Survey Report

| | | | |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well WF04A-35 H26 596 (was 14B-26) |
| Project: | North Piceance | TVD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Site: | H26 596 | MD Reference: | WELL @ 6114.0ft (Original Well Elev) |
| Well: | WF04A-35 H26 596 (was 14B-26) | North Reference: | True |
| Wellbore: | DD | Survey Calculation Method: | Minimum Curvature |
| Design: | DD | Database: | USA EDM 5000 Multi Users DB |

Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|------------------------------------|
| 9,398.0 | 0.90 | 221.00 | 7,530.4 | -2,903.9 | -3,294.6 | 4,391.7 | 0.37 | -0.11 | |
| 9,489.0 | 1.30 | 304.30 | 7,621.4 | -2,903.8 | -3,295.9 | 4,392.7 | 1.64 | 0.44 | |
| 9,581.0 | 1.00 | 288.40 | 7,713.4 | -2,903.0 | -3,297.6 | 4,393.3 | 0.47 | -0.33 | |
| 9,672.0 | 0.40 | 251.40 | 7,804.4 | -2,902.9 | -3,298.6 | 4,394.0 | 0.79 | -0.66 | |
| 9,763.0 | 0.60 | 276.50 | 7,895.4 | -2,902.9 | -3,299.4 | 4,394.6 | 0.32 | 0.22 | |
| 9,855.0 | 1.90 | 256.10 | 7,987.3 | -2,903.2 | -3,301.4 | 4,396.3 | 1.47 | 1.41 | |
| 9,946.0 | 1.50 | 271.20 | 8,078.3 | -2,903.6 | -3,304.0 | 4,398.5 | 0.66 | -0.44 | |
| 10,038.0 | 1.20 | 301.60 | 8,170.3 | -2,903.0 | -3,306.0 | 4,399.7 | 0.83 | -0.33 | |
| 10,130.0 | 0.70 | 344.20 | 8,262.3 | -2,902.0 | -3,307.0 | 4,399.7 | 0.91 | -0.54 | |
| 10,221.0 | 2.50 | 215.50 | 8,353.2 | -2,903.1 | -3,308.3 | 4,401.4 | 3.28 | 1.98 | |
| 10,313.0 | 2.80 | 226.40 | 8,445.1 | -2,906.2 | -3,311.1 | 4,405.6 | 0.64 | 0.33 | |
| 10,404.0 | 2.80 | 219.10 | 8,536.0 | -2,909.5 | -3,314.1 | 4,410.0 | 0.39 | 0.00 | |
| 10,445.0 | 3.20 | 226.70 | 8,577.0 | -2,911.1 | -3,315.6 | 4,412.2 | 1.37 | 0.98 | Last Cathedral Survey @ 10,445' MD |
| 10,500.0 | 3.20 | 226.70 | 8,631.9 | -2,913.2 | -3,317.8 | 4,415.2 | 0.00 | 0.00 | Projection to Bit @ 10,500' |

Targets

| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-----------------|
| H26 596 WF04A-35 TG1 | 0.00 | 0.00 | 5,514.0 | -2,883.5 | -3,270.3 | 1,646,498.77 | 2,255,592.14 | 39° 34' 43.35 N | 108° 8' 28.90 W |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| - actual wellpath misses target center by 12.4ft at 7380.7ft MD (5513.8 TVD, -2881.0 N, -3282.4 E) | | | | | | | | | |
| - Point | | | | | | | | | |
| H26 596 WF04A-35 BHL | 0.00 | 0.00 | 8,474.0 | -2,893.5 | -3,285.3 | 1,646,489.17 | 2,255,576.81 | 39° 34' 43.25 N | 108° 8' 29.09 W |
| - actual wellpath misses target center by 30.0ft at 10340.5ft MD (8472.6 TVD, -2907.2 N, -3312.1 E) | | | | | | | | | |
| - Rectangle (sides W30.0 H50.0 D0.0) | | | | | | | | | |

Design Annotations

| Measured Depth (ft) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Comment |
|---------------------|---------------------|------------|------------|------------------------------------|
| 1,706.0 | 1,534.2 | -360.2 | -434.0 | Last Cathedral Survey @ 1,706' MD |
| 10,445.0 | 8,577.0 | -2,911.1 | -3,315.6 | Last Cathedral Survey @ 10,445' MD |
| 10,500.0 | 8,631.9 | -2,913.2 | -3,317.8 | Projection to Bit @ 10,500' |

Checked By: _____ Approved By: _____ Date: _____