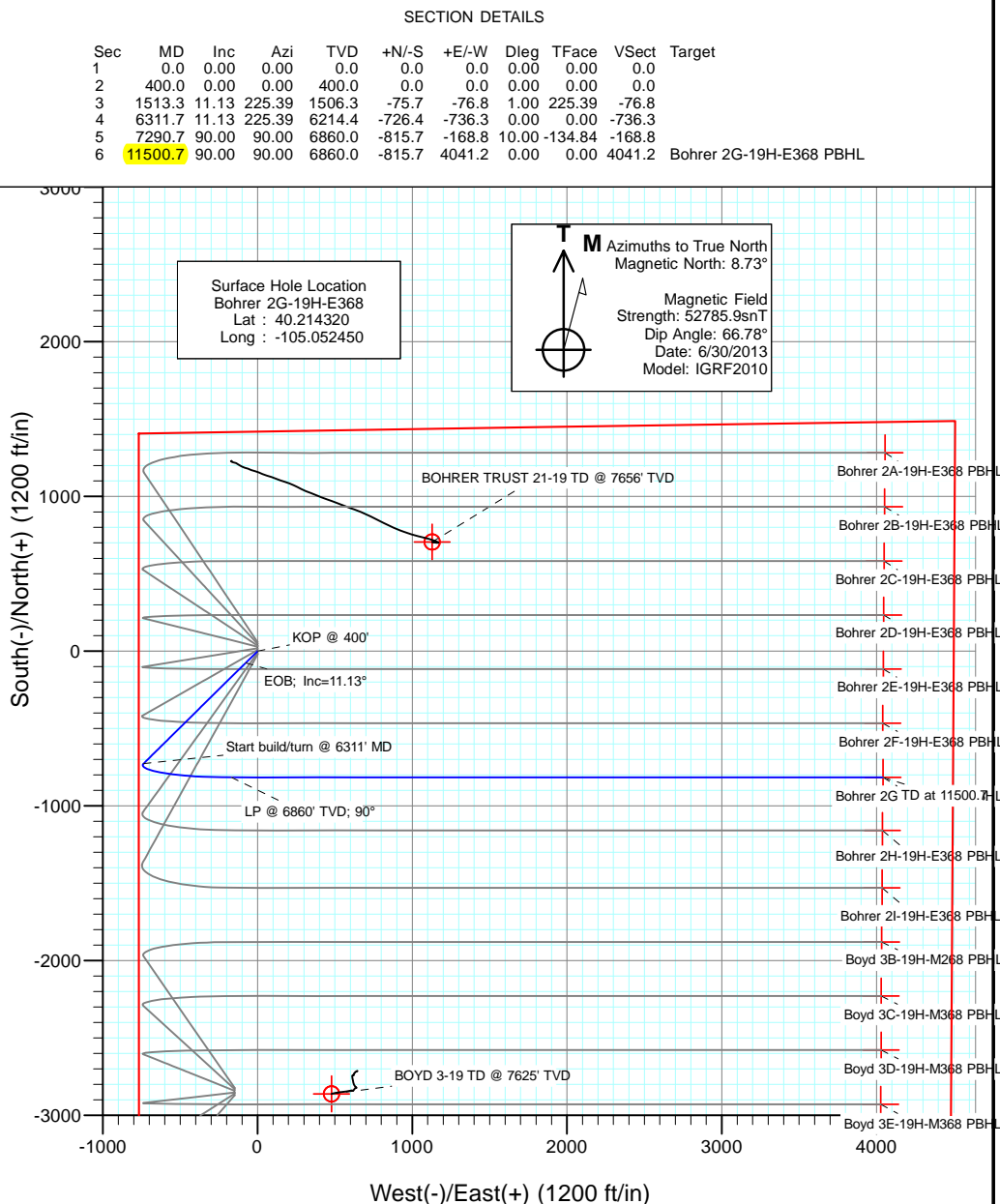
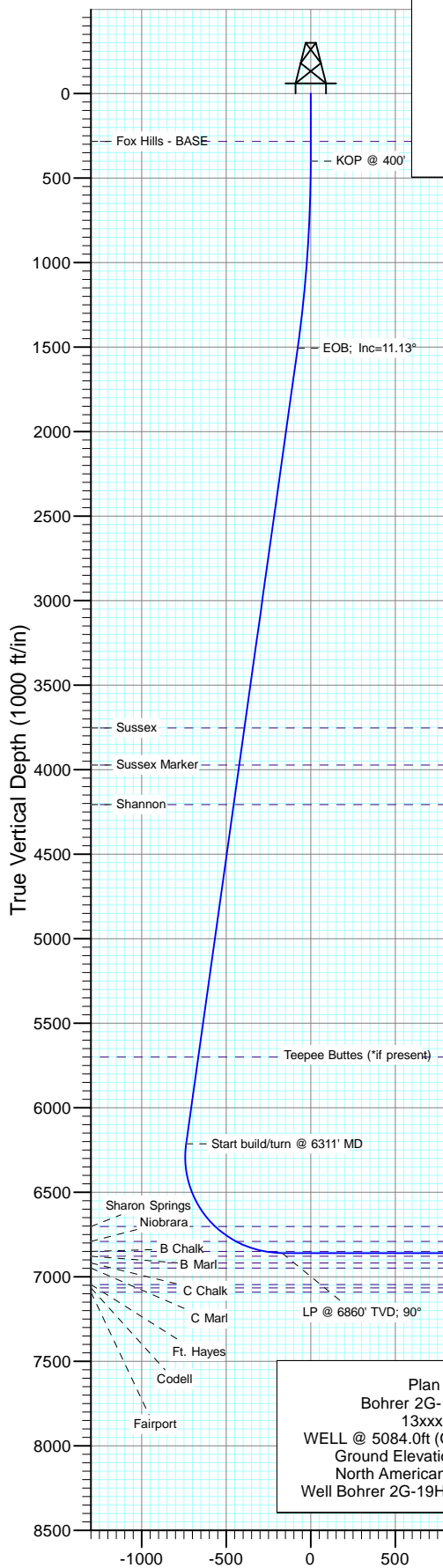




Project: DJ Wattenberg
Site: S19-T3N-R68W (Bohrer)
Well: Bohrer 2G-19H-E368
Wellbore: Hz
Design: Plan #1



| DESIGN TARGET DETAILS | | | | | | |
|-------------------------|--------|--------|------------|------------|-----------|-------------|
| Name | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
| Bohrer 2G-19H-E368 PBHL | -815.7 | 4041.2 | 1320441.80 | 3129039.71 | 40.212080 | -105.037980 |

Plan #1
Bohrer 2G-19H-E368
13xxx; LR
WELL @ 5084.0ft (Original Well Elev)
Ground Elevation @ 5059.0
North American Datum 1983
Well Bohrer 2G-19H-E368, True North

| FORMATION TOP DETAILS | | |
|-----------------------|--------|-----------------------------|
| TVDPath | MDPath | Formation |
| 284.0 | 284.0 | Fox Hills - BASE |
| 3754.0 | 3804.1 | Sussex |
| 3973.0 | 4027.3 | Sussex Marker |
| 4207.0 | 4265.8 | Shannon |
| 5700.0 | 5787.4 | Teepee Buttes (*if present) |
| 6703.0 | 6854.1 | Sharon Springs |
| 6791.0 | 7005.3 | Niobrara |
| 6850.0 | 7183.0 | B Chalk |

Vertical Section at 90.00° (1000 ft/in)

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site: | S19-T3N-R68W (Bohrer) | North Reference: | True |
| Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| Design: | Plan #1 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | DJ Wattenberg | | |
| Map System: | US State Plane 1983 | System Datum: | Mean Sea Level |
| Geo Datum: | North American Datum 1983 | | |
| Map Zone: | Colorado Northern Zone | | |

| Site | | S19-T3N-R68W (Bohrer) | | | |
|-----------------------|----------|-----------------------|-----------------|-------------------|-------------|
| Site Position: | | Northing: | 1,318,413.14 ft | Latitude: | 40.206570 |
| From: | Lat/Long | Easting: | 3,124,860.64 ft | Longitude: | -105.052980 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | 0.29 ° |

| | | | | | | |
|----------------------|--------------------|--------|---------------------|-----------------|---------------|-------------|
| Well | Bohrer 2G-19H-E368 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,321,237.05 ft | Latitude: | 40.214320 |
| | +E/-W | 0.0 ft | Easting: | 3,124,994.42 ft | Longitude: | -105.052450 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 5,059.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Hz | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 6/30/2013 | 8.73 | 66.78 | 52,786 |

| | | | | |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| 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 | 90.00 |

| 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 | |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,513.3 | 11.13 | 225.39 | 1,506.3 | -75.7 | -76.8 | 1.00 | 1.00 | 0.00 | 225.39 | |
| 6,311.7 | 11.13 | 225.39 | 6,214.4 | -726.4 | -736.3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,290.7 | 90.00 | 90.00 | 6,860.0 | -815.7 | -168.8 | 10.00 | 8.06 | -13.83 | -134.84 | |
| 11,500.7 | 90.00 | 90.00 | 6,860.0 | -815.7 | 4,041.2 | 0.00 | 0.00 | 0.00 | 0.00 | Bohrer 2G-19H-E368 |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site: | S19-T3N-R68W (Bohrer) | North Reference: | True |
| Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| 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 | |
| 284.0 | 0.00 | 0.00 | 284.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | Fox Hills - BASE |
| 300.0 | 0.00 | 0.00 | 300.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | |
| 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | KOP @ 400' |
| 500.0 | 1.00 | 225.39 | 500.0 | -0.6 | -0.6 | -0.6 | 1.00 | 1.00 | |
| 600.0 | 2.00 | 225.39 | 600.0 | -2.5 | -2.5 | -2.5 | 1.00 | 1.00 | |
| 700.0 | 3.00 | 225.39 | 699.9 | -5.5 | -5.6 | -5.6 | 1.00 | 1.00 | |
| 800.0 | 4.00 | 225.39 | 799.7 | -9.8 | -9.9 | -9.9 | 1.00 | 1.00 | |
| 900.0 | 5.00 | 225.39 | 899.4 | -15.3 | -15.5 | -15.5 | 1.00 | 1.00 | |
| 1,000.0 | 6.00 | 225.39 | 998.9 | -22.0 | -22.3 | -22.3 | 1.00 | 1.00 | |
| 1,100.0 | 7.00 | 225.39 | 1,098.3 | -30.0 | -30.4 | -30.4 | 1.00 | 1.00 | |
| 1,200.0 | 8.00 | 225.39 | 1,197.4 | -39.2 | -39.7 | -39.7 | 1.00 | 1.00 | |
| 1,300.0 | 9.00 | 225.39 | 1,296.3 | -49.5 | -50.2 | -50.2 | 1.00 | 1.00 | |
| 1,400.0 | 10.00 | 225.39 | 1,394.9 | -61.1 | -62.0 | -62.0 | 1.00 | 1.00 | |
| 1,500.0 | 11.00 | 225.39 | 1,493.3 | -73.9 | -74.9 | -74.9 | 1.00 | 1.00 | |
| 1,513.3 | 11.13 | 225.39 | 1,506.3 | -75.7 | -76.8 | -76.8 | 1.00 | 1.00 | EOB; Inc=11.13° |
| 1,600.0 | 11.13 | 225.39 | 1,591.4 | -87.5 | -88.7 | -88.7 | 0.00 | 0.00 | |
| 1,700.0 | 11.13 | 225.39 | 1,689.5 | -101.0 | -102.4 | -102.4 | 0.00 | 0.00 | |
| 1,800.0 | 11.13 | 225.39 | 1,787.6 | -114.6 | -116.2 | -116.2 | 0.00 | 0.00 | |
| 1,900.0 | 11.13 | 225.39 | 1,885.7 | -128.2 | -129.9 | -129.9 | 0.00 | 0.00 | |
| 2,000.0 | 11.13 | 225.39 | 1,983.8 | -141.7 | -143.7 | -143.7 | 0.00 | 0.00 | |
| 2,100.0 | 11.13 | 225.39 | 2,082.0 | -155.3 | -157.4 | -157.4 | 0.00 | 0.00 | |
| 2,200.0 | 11.13 | 225.39 | 2,180.1 | -168.8 | -171.1 | -171.1 | 0.00 | 0.00 | |
| 2,300.0 | 11.13 | 225.39 | 2,278.2 | -182.4 | -184.9 | -184.9 | 0.00 | 0.00 | |
| 2,400.0 | 11.13 | 225.39 | 2,376.3 | -196.0 | -198.6 | -198.6 | 0.00 | 0.00 | |
| 2,500.0 | 11.13 | 225.39 | 2,474.4 | -209.5 | -212.4 | -212.4 | 0.00 | 0.00 | |
| 2,600.0 | 11.13 | 225.39 | 2,572.6 | -223.1 | -226.1 | -226.1 | 0.00 | 0.00 | |
| 2,700.0 | 11.13 | 225.39 | 2,670.7 | -236.7 | -239.9 | -239.9 | 0.00 | 0.00 | |
| 2,800.0 | 11.13 | 225.39 | 2,768.8 | -250.2 | -253.6 | -253.6 | 0.00 | 0.00 | |
| 2,900.0 | 11.13 | 225.39 | 2,866.9 | -263.8 | -267.4 | -267.4 | 0.00 | 0.00 | |
| 3,000.0 | 11.13 | 225.39 | 2,965.0 | -277.3 | -281.1 | -281.1 | 0.00 | 0.00 | |
| 3,100.0 | 11.13 | 225.39 | 3,063.1 | -290.9 | -294.8 | -294.8 | 0.00 | 0.00 | |
| 3,200.0 | 11.13 | 225.39 | 3,161.3 | -304.5 | -308.6 | -308.6 | 0.00 | 0.00 | |
| 3,300.0 | 11.13 | 225.39 | 3,259.4 | -318.0 | -322.3 | -322.3 | 0.00 | 0.00 | |
| 3,400.0 | 11.13 | 225.39 | 3,357.5 | -331.6 | -336.1 | -336.1 | 0.00 | 0.00 | |
| 3,500.0 | 11.13 | 225.39 | 3,455.6 | -345.1 | -349.8 | -349.8 | 0.00 | 0.00 | |
| 3,600.0 | 11.13 | 225.39 | 3,553.7 | -358.7 | -363.6 | -363.6 | 0.00 | 0.00 | |
| 3,700.0 | 11.13 | 225.39 | 3,651.9 | -372.3 | -377.3 | -377.3 | 0.00 | 0.00 | |
| 3,800.0 | 11.13 | 225.39 | 3,750.0 | -385.8 | -391.1 | -391.1 | 0.00 | 0.00 | |
| 3,804.1 | 11.13 | 225.39 | 3,754.0 | -386.4 | -391.6 | -391.6 | 0.00 | 0.00 | Sussex |
| 3,900.0 | 11.13 | 225.39 | 3,848.1 | -399.4 | -404.8 | -404.8 | 0.00 | 0.00 | |
| 4,000.0 | 11.13 | 225.39 | 3,946.2 | -412.9 | -418.6 | -418.6 | 0.00 | 0.00 | |
| 4,027.3 | 11.13 | 225.39 | 3,973.0 | -416.6 | -422.3 | -422.3 | 0.00 | 0.00 | Sussex Marker |
| 4,100.0 | 11.13 | 225.39 | 4,044.3 | -426.5 | -432.3 | -432.3 | 0.00 | 0.00 | |
| 4,200.0 | 11.13 | 225.39 | 4,142.4 | -440.1 | -446.0 | -446.0 | 0.00 | 0.00 | |
| 4,265.8 | 11.13 | 225.39 | 4,207.0 | -449.0 | -455.1 | -455.1 | 0.00 | 0.00 | Shannon |
| 4,300.0 | 11.13 | 225.39 | 4,240.6 | -453.6 | -459.8 | -459.8 | 0.00 | 0.00 | |
| 4,400.0 | 11.13 | 225.39 | 4,338.7 | -467.2 | -473.5 | -473.5 | 0.00 | 0.00 | |
| 4,500.0 | 11.13 | 225.39 | 4,436.8 | -480.7 | -487.3 | -487.3 | 0.00 | 0.00 | |
| 4,600.0 | 11.13 | 225.39 | 4,534.9 | -494.3 | -501.0 | -501.0 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site: | S19-T3N-R68W (Bohrer) | North Reference: | True |
| Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| 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 |
| 4,700.0 | 11.13 | 225.39 | 4,633.0 | -507.9 | -514.8 | -514.8 | 0.00 | 0.00 | |
| 4,800.0 | 11.13 | 225.39 | 4,731.2 | -521.4 | -528.5 | -528.5 | 0.00 | 0.00 | |
| 4,900.0 | 11.13 | 225.39 | 4,829.3 | -535.0 | -542.3 | -542.3 | 0.00 | 0.00 | |
| 5,000.0 | 11.13 | 225.39 | 4,927.4 | -548.6 | -556.0 | -556.0 | 0.00 | 0.00 | |
| 5,100.0 | 11.13 | 225.39 | 5,025.5 | -562.1 | -569.7 | -569.7 | 0.00 | 0.00 | |
| 5,200.0 | 11.13 | 225.39 | 5,123.6 | -575.7 | -583.5 | -583.5 | 0.00 | 0.00 | |
| 5,300.0 | 11.13 | 225.39 | 5,221.7 | -589.2 | -597.2 | -597.2 | 0.00 | 0.00 | |
| 5,400.0 | 11.13 | 225.39 | 5,319.9 | -602.8 | -611.0 | -611.0 | 0.00 | 0.00 | |
| 5,500.0 | 11.13 | 225.39 | 5,418.0 | -616.4 | -624.7 | -624.7 | 0.00 | 0.00 | |
| 5,600.0 | 11.13 | 225.39 | 5,516.1 | -629.9 | -638.5 | -638.5 | 0.00 | 0.00 | |
| 5,700.0 | 11.13 | 225.39 | 5,614.2 | -643.5 | -652.2 | -652.2 | 0.00 | 0.00 | |
| 5,787.4 | 11.13 | 225.39 | 5,700.0 | -655.3 | -664.2 | -664.2 | 0.00 | 0.00 | Teepee Buttes (*if present) |
| 5,800.0 | 11.13 | 225.39 | 5,712.3 | -657.0 | -666.0 | -666.0 | 0.00 | 0.00 | |
| 5,900.0 | 11.13 | 225.39 | 5,810.5 | -670.6 | -679.7 | -679.7 | 0.00 | 0.00 | |
| 6,000.0 | 11.13 | 225.39 | 5,908.6 | -684.2 | -693.5 | -693.5 | 0.00 | 0.00 | |
| 6,100.0 | 11.13 | 225.39 | 6,006.7 | -697.7 | -707.2 | -707.2 | 0.00 | 0.00 | |
| 6,200.0 | 11.13 | 225.39 | 6,104.8 | -711.3 | -720.9 | -720.9 | 0.00 | 0.00 | |
| 6,300.0 | 11.13 | 225.39 | 6,202.9 | -724.8 | -734.7 | -734.7 | 0.00 | 0.00 | |
| 6,311.7 | 11.13 | 225.39 | 6,214.4 | -726.4 | -736.3 | -736.3 | 0.00 | 0.00 | Start build/turn @ 6311' MD |
| 6,400.0 | 7.92 | 173.25 | 6,301.6 | -738.5 | -741.7 | -741.7 | 10.00 | -3.64 | |
| 6,500.0 | 13.44 | 125.34 | 6,400.0 | -752.1 | -731.3 | -731.3 | 10.00 | 5.52 | |
| 6,600.0 | 22.30 | 109.70 | 6,495.2 | -765.2 | -703.9 | -703.9 | 10.00 | 8.86 | |
| 6,700.0 | 31.82 | 102.87 | 6,584.1 | -777.5 | -660.3 | -660.3 | 10.00 | 9.52 | |
| 6,800.0 | 41.55 | 98.97 | 6,664.3 | -788.6 | -601.7 | -601.7 | 10.00 | 9.73 | |
| 6,854.1 | 46.85 | 97.45 | 6,703.0 | -794.0 | -564.4 | -564.4 | 10.00 | 9.80 | Sharon Springs |
| 6,900.0 | 51.36 | 96.34 | 6,733.1 | -798.1 | -529.9 | -529.9 | 10.00 | 9.83 | |
| 7,000.0 | 61.23 | 94.35 | 6,788.5 | -805.8 | -447.2 | -447.2 | 10.00 | 9.86 | |
| 7,005.3 | 61.75 | 94.26 | 6,791.0 | -806.1 | -442.6 | -442.6 | 10.00 | 9.88 | Niobrara |
| 7,100.0 | 71.11 | 92.71 | 6,828.8 | -811.3 | -356.0 | -356.0 | 10.00 | 9.89 | |
| 7,183.0 | 79.33 | 91.49 | 6,850.0 | -814.3 | -275.9 | -275.9 | 10.00 | 9.90 | B Chalk |
| 7,200.0 | 81.01 | 91.25 | 6,852.9 | -814.7 | -259.1 | -259.1 | 10.00 | 9.90 | |
| 7,290.7 | 90.00 | 90.00 | 6,860.0 | -815.7 | -168.8 | -168.8 | 10.00 | 9.91 | LP @ 6860' TVD; 90° |
| 7,300.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | -159.5 | -159.5 | 0.00 | 0.00 | |
| 7,400.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | -59.5 | -59.5 | 0.00 | 0.00 | |
| 7,500.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 40.5 | 40.5 | 0.00 | 0.00 | |
| 7,600.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 140.5 | 140.5 | 0.00 | 0.00 | |
| 7,700.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 240.5 | 240.5 | 0.00 | 0.00 | |
| 7,800.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 340.5 | 340.5 | 0.00 | 0.00 | |
| 7,900.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 440.5 | 440.5 | 0.00 | 0.00 | |
| 8,000.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 540.5 | 540.5 | 0.00 | 0.00 | |
| 8,100.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 640.5 | 640.5 | 0.00 | 0.00 | |
| 8,200.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 740.5 | 740.5 | 0.00 | 0.00 | |
| 8,300.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 840.5 | 840.5 | 0.00 | 0.00 | |
| 8,400.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 940.5 | 940.5 | 0.00 | 0.00 | |
| 8,500.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,040.5 | 1,040.5 | 0.00 | 0.00 | |
| 8,600.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,140.5 | 1,140.5 | 0.00 | 0.00 | |
| 8,700.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,240.5 | 1,240.5 | 0.00 | 0.00 | |
| 8,800.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,340.5 | 1,340.5 | 0.00 | 0.00 | |
| 8,900.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,440.5 | 1,440.5 | 0.00 | 0.00 | |
| 9,000.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,540.5 | 1,540.5 | 0.00 | 0.00 | |
| 9,100.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,640.5 | 1,640.5 | 0.00 | 0.00 | |
| 9,200.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,740.5 | 1,740.5 | 0.00 | 0.00 | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site: | S19-T3N-R68W (Bohrer) | North Reference: | True |
| Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| 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 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,840.5 | 1,840.5 | 0.00 | 0.00 | |
| 9,400.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 1,940.5 | 1,940.5 | 0.00 | 0.00 | |
| 9,500.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,040.5 | 2,040.5 | 0.00 | 0.00 | |
| 9,600.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,140.5 | 2,140.5 | 0.00 | 0.00 | |
| 9,700.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,240.5 | 2,240.5 | 0.00 | 0.00 | |
| 9,800.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,340.5 | 2,340.5 | 0.00 | 0.00 | |
| 9,900.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,440.5 | 2,440.5 | 0.00 | 0.00 | |
| 10,000.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,540.5 | 2,540.5 | 0.00 | 0.00 | |
| 10,100.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,640.5 | 2,640.5 | 0.00 | 0.00 | |
| 10,200.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,740.5 | 2,740.5 | 0.00 | 0.00 | |
| 10,300.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,840.5 | 2,840.5 | 0.00 | 0.00 | |
| 10,400.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 2,940.5 | 2,940.5 | 0.00 | 0.00 | |
| 10,500.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,040.5 | 3,040.5 | 0.00 | 0.00 | |
| 10,600.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,140.5 | 3,140.5 | 0.00 | 0.00 | |
| 10,700.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,240.5 | 3,240.5 | 0.00 | 0.00 | |
| 10,800.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,340.5 | 3,340.5 | 0.00 | 0.00 | |
| 10,900.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,440.5 | 3,440.5 | 0.00 | 0.00 | |
| 11,000.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,540.5 | 3,540.5 | 0.00 | 0.00 | |
| 11,100.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,640.5 | 3,640.5 | 0.00 | 0.00 | |
| 11,200.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,740.5 | 3,740.5 | 0.00 | 0.00 | |
| 11,300.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,840.5 | 3,840.5 | 0.00 | 0.00 | |
| 11,400.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 3,940.5 | 3,940.5 | 0.00 | 0.00 | |
| 11,500.0 | 90.00 | 90.00 | 6,860.0 | -815.7 | 4,040.5 | 4,040.5 | 0.00 | 0.00 | |
| 11,500.7 | 90.00 | 90.00 | 6,860.0 | -815.7 | 4,041.2 | 4,041.2 | 0.00 | 0.00 | TD at 11500.7 |

| 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 | | | | | | | | | |
| Bohrer 2G-19H-E368 PE | 0.00 | 0.00 | 6,860.0 | -815.7 | 4,041.2 | 1,320,441.80 | 3,129,039.71 | 40.212080 | -105.037980 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

| Formations | | | | | | |
|---------------------|---------------------|-----------------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 284.0 | 284.0 | Fox Hills - BASE | | | | |
| 3,804.1 | 3,754.0 | Sussex | | | | |
| 4,027.3 | 3,973.0 | Sussex Marker | | | | |
| 4,265.8 | 4,207.0 | Shannon | | | | |
| 5,787.4 | 5,700.0 | Teepee Buttes (*if present) | | | | |
| 6,854.1 | 6,703.0 | Sharon Springs | | | | |
| 7,005.3 | 6,791.0 | Niobrara | | | | |
| 7,183.0 | 6,850.0 | B Chalk | | | | |

Cathedral Energy Services

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site: | S19-T3N-R68W (Bohrer) | North Reference: | True |
| Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| Design: | Plan #1 | | |

| Plan Annotations | | | | |
|---------------------|---------------------|-------------------|------------|-----------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | Comment |
| | | +N/-S (ft) | +E/-W (ft) | |
| 400.0 | 400.0 | 0.0 | 0.0 | KOP @ 400' |
| 1,513.3 | 1,506.3 | -75.7 | -76.8 | EOB; Inc=11.13° |
| 6,311.7 | 6,214.4 | -726.4 | -736.3 | Start build/turn @ 6311' MD |
| 7,290.7 | 6,860.0 | -815.7 | -168.8 | LP @ 6860' TVD; 90° |
| 11,500.7 | 6,860.0 | -815.7 | 4,041.2 | TD at 11500.7 |

EnCana Oil & Gas (USA) Inc

DJ Wattenberg

S19-T3N-R68W (Bohrer)

Bohrer 2G-19H-E368

Hz

Plan #1

Anticollision Report

30 June, 2013

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Reference | Plan #1 | | |
|------------------------------|---|----------------|---------------------|
| Filter type: | NO GLOBAL FILTER: Using user defined selection & filtering criteria | | |
| Interpolation Method: | MD Interval 100.0ft | Error Model: | Systematic Ellipse |
| Depth Range: | Unlimited | Scan Method: | Closest Approach 3D |
| Results Limited by: | Maximum center-center distance of 500.0ft | Error Surface: | Elliptical Conic |
| Warning Levels Evaluated at: | 2.00 Sigma | | |

| Survey Tool Program | | Date | 6/30/2013 | | |
|---------------------|------------|-------------------|-------------|-------------|--|
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description | |
| 0.0 | 11,500.7 | Plan #1 (Hz) | Geolink MWD | Geolink MWD | |

| 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 | | | | | | |
| S19-T3N-R68W (Bohrer) | | | | | | |
| Bohrer 2A-19H-E368 - Hz - Plan #1 | 166.3 | 167.3 | 58.3 | 57.8 | 117.729 | CC |
| Bohrer 2A-19H-E368 - Hz - Plan #1 | 200.0 | 201.0 | 58.3 | 57.7 | 95.145 | ES |
| Bohrer 2A-19H-E368 - Hz - Plan #1 | 800.0 | 793.2 | 94.2 | 91.5 | 34.331 | SF |
| Bohrer 2B-19H-E368 - Hz - Plan #1 | 266.3 | 267.3 | 47.4 | 46.5 | 56.096 | CC |
| Bohrer 2B-19H-E368 - Hz - Plan #1 | 300.0 | 301.0 | 47.4 | 46.4 | 49.240 | ES |
| Bohrer 2B-19H-E368 - Hz - Plan #1 | 700.0 | 697.8 | 63.2 | 60.8 | 26.619 | SF |
| Bohrer 2C-19H-E368 - Hz - Plan #1 | 400.0 | 400.0 | 36.4 | 35.1 | 27.829 | CC, ES |
| Bohrer 2C-19H-E368 - Hz - Plan #1 | 700.0 | 698.6 | 46.3 | 43.9 | 19.521 | SF |
| Bohrer 2D-19H-E368 - Hz - Plan #1 | 400.0 | 400.0 | 29.1 | 27.8 | 22.263 | CC, ES |
| Bohrer 2D-19H-E368 - Hz - Plan #1 | 800.0 | 799.4 | 40.9 | 38.2 | 14.985 | SF |
| Bohrer 2E-19H-E368 - Hz - Plan #1 | 400.0 | 400.0 | 18.2 | 16.9 | 13.915 | CC, ES |
| Bohrer 2E-19H-E368 - Hz - Plan #1 | 700.0 | 700.0 | 24.1 | 21.7 | 10.195 | SF |
| Bohrer 2F-19H-E368 - Hz - Plan #1 | 400.0 | 400.0 | 7.3 | 6.0 | 5.566 | CC, ES |
| Bohrer 2F-19H-E368 - Hz - Plan #1 | 11,500.7 | 11,684.5 | 411.0 | 224.7 | 2.206 | SF |
| Bohrer 2H-19H-E368 - Hz - Plan #1 | 300.0 | 299.0 | 10.9 | 10.0 | 11.405 | CC, ES |
| Bohrer 2H-19H-E368 - Hz - Plan #1 | 11,500.7 | 11,763.0 | 405.4 | 220.7 | 2.195 | SF |
| Bohrer 2I-19H-E368 - Hz - Plan #1 | 200.0 | 199.0 | 21.9 | 21.2 | 35.883 | CC, ES |
| Bohrer 2I-19H-E368 - Hz - Plan #1 | 1,600.0 | 1,587.4 | 82.8 | 76.3 | 12.711 | SF |
| BOHRER TRUST 21-19 (EXISTING) - ENCANA WELL - S | | | | | | Out of range |
| BOYD 3-19 (EXISTING) - ENCANA WELL - SURVEYS | | | | | | Out of range |
| Boyd 3B-19H-M368 - Hz - Plan #1 | | | | | | Out of range |
| Boyd 3C-19H-M368 - Hz - Plan #1 | | | | | | Out of range |
| Boyd 3D-19H-M368 - Hz - Plan #1 | | | | | | Out of range |
| Boyd 3E-19H-M368 - Hz - Plan #1 | | | | | | Out of range |
| Boyd 3F-19H-M368 - Hz - Plan #1 | | | | | | Out of range |
| Boyd 3G-19H-M368 - Hz - Plan #1 | | | | | | Out of range |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2A-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-Geolink 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 | 1.0 | 1.0 | 0.0 | 0.0 | 0.00 | 58.3 | 0.0 | 58.3 | | | | | |
| 100.0 | 100.0 | 101.0 | 101.0 | 0.1 | 0.1 | 0.00 | 58.3 | 0.0 | 58.3 | 58.0 | 0.26 | 221.160 | | |
| 166.3 | 166.3 | 167.3 | 167.3 | 0.2 | 0.2 | 0.00 | 58.3 | 0.0 | 58.3 | 57.8 | 0.50 | 117.729 CC | | |
| 200.0 | 200.0 | 201.0 | 201.0 | 0.3 | 0.3 | 0.00 | 58.3 | 0.0 | 58.3 | 57.7 | 0.61 | 95.145 ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | -0.47 | 59.0 | -0.5 | 59.0 | 58.1 | 0.96 | 61.482 | | |
| 400.0 | 400.0 | 399.2 | 399.2 | 0.7 | 0.7 | -1.81 | 61.2 | -1.9 | 61.2 | 59.9 | 1.31 | 46.804 | | |
| 500.0 | 500.0 | 498.2 | 498.1 | 0.8 | 0.8 | 131.34 | 64.7 | -4.3 | 65.5 | 63.9 | 1.66 | 39.461 | | |
| 600.0 | 600.0 | 596.9 | 596.6 | 1.0 | 1.0 | 130.41 | 69.7 | -7.7 | 72.5 | 70.5 | 2.01 | 35.972 | | |
| 700.0 | 699.9 | 695.3 | 694.7 | 1.2 | 1.3 | 129.97 | 76.1 | -11.9 | 82.1 | 79.7 | 2.38 | 34.545 | | |
| 800.0 | 799.7 | 793.2 | 792.2 | 1.4 | 1.5 | 129.90 | 83.8 | -17.1 | 94.2 | 91.5 | 2.74 | 34.331 SF | | |
| 900.0 | 899.4 | 890.6 | 889.0 | 1.6 | 1.7 | 130.07 | 92.8 | -23.1 | 109.0 | 105.9 | 3.13 | 34.866 | | |
| 1,000.0 | 998.9 | 987.4 | 984.9 | 1.8 | 2.0 | 130.38 | 103.2 | -30.1 | 126.3 | 122.8 | 3.52 | 35.871 | | |
| 1,100.0 | 1,098.3 | 1,083.4 | 1,079.9 | 2.1 | 2.3 | 130.75 | 114.7 | -37.8 | 146.2 | 142.3 | 3.93 | 37.170 | | |
| 1,200.0 | 1,197.4 | 1,178.6 | 1,173.9 | 2.3 | 2.6 | 131.14 | 127.5 | -46.4 | 168.6 | 164.3 | 4.36 | 38.645 | | |
| 1,300.0 | 1,296.3 | 1,272.9 | 1,266.6 | 2.6 | 2.9 | 131.51 | 141.5 | -55.8 | 193.6 | 188.7 | 4.81 | 40.216 | | |
| 1,400.0 | 1,394.9 | 1,366.2 | 1,358.2 | 2.9 | 3.2 | 131.86 | 156.5 | -65.8 | 221.0 | 215.7 | 5.28 | 41.829 | | |
| 1,500.0 | 1,493.3 | 1,458.4 | 1,448.3 | 3.3 | 3.6 | 132.17 | 172.6 | -76.6 | 250.8 | 245.0 | 5.77 | 43.445 | | |
| 1,600.0 | 1,591.4 | 1,549.6 | 1,537.2 | 3.6 | 4.0 | 132.55 | 189.7 | -88.1 | 282.6 | 276.4 | 6.28 | 44.988 | | |
| 1,700.0 | 1,689.5 | 1,642.4 | 1,627.3 | 4.0 | 4.4 | 132.76 | 208.1 | -100.4 | 315.6 | 308.7 | 6.81 | 46.359 | | |
| 1,800.0 | 1,787.6 | 1,736.8 | 1,718.9 | 4.3 | 4.8 | 132.93 | 226.9 | -113.0 | 348.6 | 341.2 | 7.34 | 47.487 | | |
| 1,900.0 | 1,885.7 | 1,831.2 | 1,810.5 | 4.7 | 5.2 | 133.06 | 245.7 | -125.6 | 381.6 | 373.7 | 7.88 | 48.433 | | |
| 2,000.0 | 1,983.8 | 1,925.6 | 1,902.2 | 5.1 | 5.6 | 133.17 | 264.6 | -138.2 | 414.6 | 406.2 | 8.42 | 49.235 | | |
| 2,100.0 | 2,082.0 | 2,019.9 | 1,993.8 | 5.4 | 6.1 | 133.27 | 283.4 | -150.8 | 447.7 | 438.7 | 8.97 | 49.924 | | |
| 2,200.0 | 2,180.1 | 2,114.3 | 2,085.4 | 5.8 | 6.5 | 133.35 | 302.2 | -163.5 | 480.7 | 471.2 | 9.52 | 50.519 | | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2B-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-Geolink 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 | 1.0 | 1.0 | 0.0 | 0.0 | 0.00 | 47.4 | 0.0 | 47.4 | | | | | |
| 100.0 | 100.0 | 101.0 | 101.0 | 0.1 | 0.1 | 0.00 | 47.4 | 0.0 | 47.4 | 47.1 | 0.26 | 179.677 | | |
| 200.0 | 200.0 | 201.0 | 201.0 | 0.3 | 0.3 | 0.00 | 47.4 | 0.0 | 47.4 | 46.7 | 0.61 | 77.297 | | |
| 266.3 | 266.3 | 267.3 | 267.3 | 0.4 | 0.4 | 0.00 | 47.4 | 0.0 | 47.4 | 46.5 | 0.84 | 56.096 CC | | |
| 300.0 | 300.0 | 301.0 | 301.0 | 0.5 | 0.5 | 0.00 | 47.4 | 0.0 | 47.4 | 46.4 | 0.96 | 49.240 ES | | |
| 400.0 | 400.0 | 400.4 | 400.4 | 0.7 | 0.7 | -0.71 | 48.0 | -0.6 | 48.0 | 46.7 | 1.31 | 36.655 | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 0.8 | 0.8 | 132.61 | 49.9 | -2.4 | 50.6 | 48.9 | 1.66 | 30.456 | | |
| 600.0 | 600.0 | 598.9 | 598.7 | 1.0 | 1.0 | 131.65 | 53.1 | -5.3 | 55.6 | 53.6 | 2.01 | 27.632 | | |
| 700.0 | 699.9 | 697.8 | 697.5 | 1.2 | 1.2 | 131.02 | 57.5 | -9.4 | 63.2 | 60.8 | 2.37 | 26.619 SF | | |
| 800.0 | 799.7 | 796.4 | 795.7 | 1.4 | 1.4 | 130.69 | 63.1 | -14.6 | 73.3 | 70.5 | 2.75 | 26.680 | | |
| 900.0 | 899.4 | 894.5 | 893.5 | 1.6 | 1.6 | 130.58 | 70.0 | -20.9 | 85.7 | 82.6 | 3.13 | 27.398 | | |
| 1,000.0 | 998.9 | 992.2 | 990.5 | 1.8 | 1.9 | 130.60 | 78.0 | -28.3 | 100.7 | 97.2 | 3.53 | 28.523 | | |
| 1,100.0 | 1,098.3 | 1,089.2 | 1,086.7 | 2.1 | 2.1 | 130.70 | 87.2 | -36.8 | 118.1 | 114.1 | 3.95 | 29.895 | | |
| 1,200.0 | 1,197.4 | 1,185.6 | 1,182.1 | 2.3 | 2.4 | 130.82 | 97.5 | -46.4 | 137.8 | 133.4 | 4.39 | 31.404 | | |
| 1,300.0 | 1,296.3 | 1,281.2 | 1,276.4 | 2.6 | 2.7 | 130.96 | 108.9 | -56.9 | 160.0 | 155.1 | 4.85 | 32.978 | | |
| 1,400.0 | 1,394.9 | 1,376.0 | 1,369.6 | 2.9 | 3.0 | 131.08 | 121.3 | -68.4 | 184.5 | 179.1 | 5.34 | 34.569 | | |
| 1,500.0 | 1,493.3 | 1,471.9 | 1,463.8 | 3.3 | 3.4 | 131.29 | 134.7 | -80.7 | 210.9 | 205.1 | 5.85 | 36.083 | | |
| 1,600.0 | 1,591.4 | 1,568.1 | 1,558.3 | 3.6 | 3.7 | 131.78 | 148.1 | -93.1 | 238.1 | 231.7 | 6.37 | 37.372 | | |
| 1,700.0 | 1,689.5 | 1,664.3 | 1,652.7 | 4.0 | 4.1 | 132.20 | 161.6 | -105.5 | 265.3 | 258.4 | 6.91 | 38.425 | | |
| 1,800.0 | 1,787.6 | 1,760.5 | 1,747.2 | 4.3 | 4.4 | 132.54 | 175.0 | -117.9 | 292.6 | 285.1 | 7.44 | 39.301 | | |
| 1,900.0 | 1,885.7 | 1,856.7 | 1,841.6 | 4.7 | 4.8 | 132.82 | 188.4 | -130.4 | 319.8 | 311.8 | 7.99 | 40.039 | | |
| 2,000.0 | 1,983.8 | 1,952.9 | 1,936.1 | 5.1 | 5.1 | 133.06 | 201.9 | -142.8 | 347.0 | 338.5 | 8.53 | 40.669 | | |
| 2,100.0 | 2,082.0 | 2,049.1 | 2,030.5 | 5.4 | 5.5 | 133.26 | 215.3 | -155.2 | 374.3 | 365.2 | 9.08 | 41.210 | | |
| 2,200.0 | 2,180.1 | 2,145.3 | 2,125.0 | 5.8 | 5.8 | 133.44 | 228.7 | -167.6 | 401.5 | 391.9 | 9.63 | 41.681 | | |
| 2,300.0 | 2,278.2 | 2,241.5 | 2,219.5 | 6.2 | 6.2 | 133.59 | 242.2 | -180.0 | 428.8 | 418.6 | 10.19 | 42.093 | | |
| 2,400.0 | 2,376.3 | 2,337.8 | 2,313.9 | 6.6 | 6.5 | 133.72 | 255.6 | -192.4 | 456.1 | 445.3 | 10.74 | 42.456 | | |
| 2,500.0 | 2,474.4 | 2,434.0 | 2,408.4 | 6.9 | 6.9 | 133.84 | 269.0 | -204.8 | 483.3 | 472.0 | 11.30 | 42.779 | | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2C-19H-E368 - Hz - Plan #1 | | | | | | | | | | | Offset Site Error: 0.0 ft | | |
|---|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------|------------|-----------------|------------------|---------------------------|-------------------|---------|
| Survey Program: 0-Geolink 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 | |
| (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 | 0.00 | 36.4 | 0.0 | 36.4 | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 36.4 | 0.0 | 36.4 | 36.2 | 0.26 | 139.146 | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 36.4 | 0.0 | 36.4 | 35.8 | 0.61 | 59.634 | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 0.00 | 36.4 | 0.0 | 36.4 | 35.5 | 0.96 | 37.949 | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 0.00 | 36.4 | 0.0 | 36.4 | 35.1 | 1.31 | 27.829 | CC, ES |
| 500.0 | 500.0 | 499.6 | 499.6 | 0.8 | 0.8 | 134.45 | 36.9 | -0.7 | 37.5 | 35.9 | 1.66 | 22.630 | |
| 600.0 | 600.0 | 599.2 | 599.2 | 1.0 | 1.0 | 134.00 | 38.3 | -2.9 | 40.8 | 38.8 | 2.01 | 20.294 | |
| 700.0 | 699.9 | 698.6 | 698.5 | 1.2 | 1.2 | 133.39 | 40.7 | -6.5 | 46.3 | 43.9 | 2.37 | 19.521 | SF |
| 800.0 | 799.7 | 797.8 | 797.5 | 1.4 | 1.4 | 132.74 | 44.0 | -11.5 | 53.9 | 51.2 | 2.74 | 19.672 | |
| 900.0 | 899.4 | 896.8 | 896.1 | 1.6 | 1.6 | 132.12 | 48.3 | -18.0 | 63.7 | 60.6 | 3.13 | 20.389 | |
| 1,000.0 | 998.9 | 995.3 | 994.3 | 1.8 | 1.8 | 131.57 | 53.5 | -25.8 | 75.7 | 72.2 | 3.53 | 21.451 | |
| 1,100.0 | 1,098.3 | 1,093.5 | 1,091.8 | 2.1 | 2.0 | 131.09 | 59.5 | -35.0 | 89.9 | 85.9 | 3.96 | 22.715 | |
| 1,200.0 | 1,197.4 | 1,191.1 | 1,188.6 | 2.3 | 2.3 | 130.68 | 66.5 | -45.5 | 106.2 | 101.8 | 4.41 | 24.084 | |
| 1,300.0 | 1,296.3 | 1,288.3 | 1,284.7 | 2.6 | 2.6 | 130.33 | 74.3 | -57.3 | 124.6 | 119.7 | 4.89 | 25.492 | |
| 1,400.0 | 1,394.9 | 1,385.4 | 1,380.6 | 2.9 | 2.9 | 130.07 | 82.9 | -70.4 | 145.0 | 139.6 | 5.39 | 26.895 | |
| 1,500.0 | 1,493.3 | 1,483.1 | 1,476.9 | 3.3 | 3.2 | 130.23 | 91.7 | -83.7 | 166.7 | 160.8 | 5.92 | 28.163 | |
| 1,600.0 | 1,591.4 | 1,580.5 | 1,573.1 | 3.6 | 3.5 | 130.71 | 100.5 | -97.0 | 189.0 | 182.6 | 6.46 | 29.270 | |
| 1,700.0 | 1,689.5 | 1,678.0 | 1,669.2 | 4.0 | 3.8 | 131.12 | 109.3 | -110.3 | 211.4 | 204.4 | 7.01 | 30.176 | |
| 1,800.0 | 1,787.6 | 1,775.4 | 1,765.3 | 4.3 | 4.1 | 131.44 | 118.0 | -123.6 | 233.8 | 226.3 | 7.56 | 30.929 | |
| 1,900.0 | 1,885.7 | 1,872.9 | 1,861.5 | 4.7 | 4.4 | 131.71 | 126.8 | -136.9 | 256.2 | 248.1 | 8.12 | 31.563 | |
| 2,000.0 | 1,983.8 | 1,970.3 | 1,957.6 | 5.1 | 4.7 | 131.94 | 135.6 | -150.2 | 278.6 | 270.0 | 8.68 | 32.104 | |
| 2,100.0 | 2,082.0 | 2,067.8 | 2,053.8 | 5.4 | 5.1 | 132.13 | 144.4 | -163.5 | 301.1 | 291.8 | 9.24 | 32.570 | |
| 2,200.0 | 2,180.1 | 2,165.2 | 2,149.9 | 5.8 | 5.4 | 132.30 | 153.2 | -176.7 | 323.5 | 313.7 | 9.81 | 32.974 | |
| 2,300.0 | 2,278.2 | 2,262.7 | 2,246.1 | 6.2 | 5.7 | 132.44 | 161.9 | -190.0 | 345.9 | 335.5 | 10.38 | 33.329 | |
| 2,400.0 | 2,376.3 | 2,360.1 | 2,342.2 | 6.6 | 6.0 | 132.57 | 170.7 | -203.3 | 368.3 | 357.4 | 10.95 | 33.642 | |
| 2,500.0 | 2,474.4 | 2,457.6 | 2,438.3 | 6.9 | 6.3 | 132.68 | 179.5 | -216.6 | 390.7 | 379.2 | 11.52 | 33.919 | |
| 2,600.0 | 2,572.6 | 2,555.0 | 2,534.5 | 7.3 | 6.7 | 132.78 | 188.3 | -229.9 | 413.1 | 401.0 | 12.09 | 34.168 | |
| 2,700.0 | 2,670.7 | 2,652.5 | 2,630.6 | 7.7 | 7.0 | 132.87 | 197.0 | -243.2 | 435.6 | 422.9 | 12.66 | 34.391 | |
| 2,800.0 | 2,768.8 | 2,749.9 | 2,726.8 | 8.1 | 7.3 | 132.96 | 205.8 | -256.5 | 458.0 | 444.7 | 13.24 | 34.593 | |
| 2,900.0 | 2,866.9 | 2,847.4 | 2,822.9 | 8.4 | 7.6 | 133.03 | 214.6 | -269.8 | 480.4 | 466.6 | 13.81 | 34.775 | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2D-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-Geolink MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | Total Uncertainty Axis | 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) | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 29.1 | 0.0 | 29.1 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 29.1 | 0.0 | 29.1 | 28.9 | 0.26 | 111.317 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 29.1 | 0.0 | 29.1 | 28.5 | 0.61 | 47.707 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 0.00 | 29.1 | 0.0 | 29.1 | 28.2 | 0.96 | 30.359 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 0.00 | 29.1 | 0.0 | 29.1 | 27.8 | 1.31 | 22.263 CC, ES | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 0.8 | 0.8 | 135.81 | 29.1 | 0.0 | 29.8 | 28.1 | 1.66 | 17.948 | | |
| 600.0 | 600.0 | 599.9 | 599.9 | 1.0 | 1.0 | 137.54 | 29.4 | -0.8 | 31.8 | 29.8 | 2.01 | 15.853 | | |
| 700.0 | 699.9 | 699.7 | 699.6 | 1.2 | 1.2 | 138.13 | 30.0 | -3.4 | 35.6 | 33.2 | 2.36 | 15.043 | | |
| 800.0 | 799.7 | 799.4 | 799.3 | 1.4 | 1.4 | 137.80 | 31.0 | -7.6 | 40.9 | 38.2 | 2.73 | 14.985 SF | | |
| 900.0 | 899.4 | 899.0 | 898.7 | 1.6 | 1.6 | 136.90 | 32.5 | -13.5 | 47.9 | 44.7 | 3.11 | 15.389 | | |
| 1,000.0 | 998.9 | 998.5 | 997.8 | 1.8 | 1.8 | 135.71 | 34.4 | -21.0 | 56.4 | 52.9 | 3.51 | 16.078 | | |
| 1,100.0 | 1,098.3 | 1,097.7 | 1,096.6 | 2.1 | 2.0 | 134.43 | 36.7 | -30.2 | 66.7 | 62.7 | 3.94 | 16.937 | | |
| 1,200.0 | 1,197.4 | 1,196.6 | 1,194.9 | 2.3 | 2.2 | 133.16 | 39.3 | -41.1 | 78.6 | 74.2 | 4.39 | 17.883 | | |
| 1,300.0 | 1,296.3 | 1,295.4 | 1,292.8 | 2.6 | 2.5 | 131.98 | 42.4 | -53.5 | 92.1 | 87.2 | 4.88 | 18.869 | | |
| 1,400.0 | 1,394.9 | 1,394.3 | 1,390.8 | 2.9 | 2.7 | 131.45 | 45.7 | -66.5 | 107.0 | 101.6 | 5.39 | 19.845 | | |
| 1,500.0 | 1,493.3 | 1,493.0 | 1,488.6 | 3.3 | 3.0 | 131.64 | 48.9 | -79.5 | 123.0 | 117.1 | 5.92 | 20.789 | | |
| 1,600.0 | 1,591.4 | 1,591.5 | 1,586.3 | 3.6 | 3.3 | 132.20 | 52.1 | -92.5 | 139.8 | 133.3 | 6.45 | 21.657 | | |
| 1,700.0 | 1,689.5 | 1,690.1 | 1,683.9 | 4.0 | 3.5 | 132.66 | 55.3 | -105.5 | 156.5 | 149.5 | 7.00 | 22.372 | | |
| 1,800.0 | 1,787.6 | 1,788.7 | 1,781.6 | 4.3 | 3.8 | 133.02 | 58.6 | -118.5 | 173.3 | 165.8 | 7.54 | 22.970 | | |
| 1,900.0 | 1,885.7 | 1,887.3 | 1,879.2 | 4.7 | 4.1 | 133.33 | 61.8 | -131.5 | 190.1 | 182.0 | 8.10 | 23.476 | | |
| 2,000.0 | 1,983.8 | 1,985.9 | 1,976.9 | 5.1 | 4.4 | 133.58 | 65.0 | -144.4 | 206.9 | 198.2 | 8.65 | 23.909 | | |
| 2,100.0 | 2,082.0 | 2,084.4 | 2,074.6 | 5.4 | 4.7 | 133.79 | 68.3 | -157.4 | 223.7 | 214.5 | 9.21 | 24.283 | | |
| 2,200.0 | 2,180.1 | 2,183.0 | 2,172.2 | 5.8 | 4.9 | 133.98 | 71.5 | -170.4 | 240.5 | 230.7 | 9.77 | 24.609 | | |
| 2,300.0 | 2,278.2 | 2,281.6 | 2,269.9 | 6.2 | 5.2 | 134.14 | 74.7 | -183.4 | 257.3 | 246.9 | 10.33 | 24.895 | | |
| 2,400.0 | 2,376.3 | 2,380.2 | 2,367.6 | 6.6 | 5.5 | 134.28 | 77.9 | -196.4 | 274.1 | 263.2 | 10.90 | 25.149 | | |
| 2,500.0 | 2,474.4 | 2,478.7 | 2,465.2 | 6.9 | 5.8 | 134.41 | 81.2 | -209.4 | 290.9 | 279.4 | 11.46 | 25.375 | | |
| 2,600.0 | 2,572.6 | 2,577.3 | 2,562.9 | 7.3 | 6.1 | 134.52 | 84.4 | -222.4 | 307.7 | 295.6 | 12.03 | 25.577 | | |
| 2,700.0 | 2,670.7 | 2,675.9 | 2,660.6 | 7.7 | 6.4 | 134.62 | 87.6 | -235.4 | 324.5 | 311.9 | 12.60 | 25.759 | | |
| 2,800.0 | 2,768.8 | 2,774.5 | 2,758.2 | 8.1 | 6.7 | 134.71 | 90.8 | -248.3 | 341.3 | 328.1 | 13.16 | 25.924 | | |
| 2,900.0 | 2,866.9 | 2,873.0 | 2,855.9 | 8.4 | 6.9 | 134.79 | 94.1 | -261.3 | 358.1 | 344.3 | 13.73 | 26.074 | | |
| 3,000.0 | 2,965.0 | 2,971.6 | 2,953.6 | 8.8 | 7.2 | 134.86 | 97.3 | -274.3 | 374.9 | 360.6 | 14.30 | 26.211 | | |
| 3,100.0 | 3,063.1 | 3,070.2 | 3,051.2 | 9.2 | 7.5 | 134.93 | 100.5 | -287.3 | 391.7 | 376.8 | 14.87 | 26.337 | | |
| 3,200.0 | 3,161.3 | 3,168.8 | 3,148.9 | 9.6 | 7.8 | 135.00 | 103.7 | -300.3 | 408.5 | 393.0 | 15.44 | 26.452 | | |
| 3,300.0 | 3,259.4 | 3,267.4 | 3,246.5 | 9.9 | 8.1 | 135.05 | 107.0 | -313.3 | 425.3 | 409.3 | 16.01 | 26.558 | | |
| 3,400.0 | 3,357.5 | 3,365.9 | 3,344.2 | 10.3 | 8.4 | 135.11 | 110.2 | -326.3 | 442.1 | 425.5 | 16.58 | 26.657 | | |
| 3,500.0 | 3,455.6 | 3,464.5 | 3,441.9 | 10.7 | 8.7 | 135.15 | 113.4 | -339.2 | 458.9 | 441.7 | 17.16 | 26.748 | | |
| 3,600.0 | 3,553.7 | 3,563.1 | 3,539.5 | 11.1 | 9.0 | 135.20 | 116.7 | -352.2 | 475.7 | 458.0 | 17.73 | 26.833 | | |
| 3,700.0 | 3,651.9 | 3,661.7 | 3,637.2 | 11.5 | 9.3 | 135.24 | 119.9 | -365.2 | 492.5 | 474.2 | 18.30 | 26.912 | | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2E-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: O-Geolink MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | Total Uncertainty Axis | 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) | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 | 18.2 | 0.0 | 18.2 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 18.2 | 0.0 | 18.2 | 18.0 | 0.26 | 69.573 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 18.2 | 0.0 | 18.2 | 17.6 | 0.61 | 29.817 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 0.00 | 18.2 | 0.0 | 18.2 | 17.3 | 0.96 | 18.975 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 0.00 | 18.2 | 0.0 | 18.2 | 16.9 | 1.31 | 13.915 CC, ES | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 0.8 | 0.8 | 136.50 | 18.2 | 0.0 | 18.8 | 17.2 | 1.66 | 11.360 | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.0 | 1.0 | 141.45 | 18.2 | 0.0 | 20.8 | 18.8 | 2.01 | 10.364 | | |
| 700.0 | 699.9 | 700.0 | 700.0 | 1.2 | 1.2 | 145.92 | 18.1 | -0.9 | 24.1 | 21.7 | 2.36 | 10.195 SF | | |
| 800.0 | 799.7 | 800.1 | 800.1 | 1.4 | 1.4 | 147.87 | 17.7 | -3.4 | 28.2 | 25.5 | 2.72 | 10.392 | | |
| 900.0 | 899.4 | 900.2 | 900.0 | 1.6 | 1.5 | 148.09 | 17.0 | -7.8 | 33.2 | 30.1 | 3.08 | 10.782 | | |
| 1,000.0 | 998.9 | 1,000.2 | 999.9 | 1.8 | 1.7 | 147.22 | 16.0 | -13.8 | 39.0 | 35.5 | 3.46 | 11.281 | | |
| 1,100.0 | 1,098.3 | 1,100.3 | 1,099.7 | 2.1 | 1.9 | 145.73 | 14.7 | -21.5 | 45.6 | 41.8 | 3.85 | 11.837 | | |
| 1,200.0 | 1,197.4 | 1,200.3 | 1,199.2 | 2.3 | 2.1 | 143.92 | 13.2 | -31.0 | 53.1 | 48.8 | 4.28 | 12.412 | | |
| 1,300.0 | 1,296.3 | 1,300.2 | 1,298.5 | 2.6 | 2.4 | 141.97 | 11.4 | -42.2 | 61.5 | 56.8 | 4.74 | 12.982 | | |
| 1,400.0 | 1,394.9 | 1,400.1 | 1,397.5 | 2.9 | 2.6 | 140.02 | 9.3 | -55.1 | 70.8 | 65.6 | 5.24 | 13.524 | | |
| 1,500.0 | 1,493.3 | 1,499.6 | 1,496.0 | 3.3 | 2.9 | 138.51 | 7.1 | -69.0 | 81.2 | 75.5 | 5.77 | 14.093 | | |
| 1,600.0 | 1,591.4 | 1,598.9 | 1,594.3 | 3.6 | 3.2 | 137.83 | 4.8 | -83.0 | 92.5 | 86.2 | 6.30 | 14.670 | | |
| 1,700.0 | 1,689.5 | 1,698.3 | 1,692.6 | 4.0 | 3.5 | 137.31 | 2.5 | -97.0 | 103.8 | 96.9 | 6.86 | 15.136 | | |
| 1,800.0 | 1,787.6 | 1,797.6 | 1,791.0 | 4.3 | 3.7 | 136.90 | 0.3 | -110.9 | 115.0 | 107.6 | 7.41 | 15.515 | | |
| 1,900.0 | 1,885.7 | 1,897.0 | 1,889.3 | 4.7 | 4.0 | 136.56 | -2.0 | -124.9 | 126.3 | 118.3 | 7.98 | 15.830 | | |
| 2,000.0 | 1,983.8 | 1,996.4 | 1,987.7 | 5.1 | 4.3 | 136.27 | -4.3 | -138.9 | 137.6 | 129.1 | 8.55 | 16.093 | | |
| 2,100.0 | 2,082.0 | 2,095.7 | 2,086.0 | 5.4 | 4.6 | 136.03 | -6.5 | -152.9 | 148.9 | 139.8 | 9.13 | 16.316 | | |
| 2,200.0 | 2,180.1 | 2,195.1 | 2,184.4 | 5.8 | 4.9 | 135.82 | -8.8 | -166.8 | 160.2 | 150.5 | 9.70 | 16.507 | | |
| 2,300.0 | 2,278.2 | 2,294.4 | 2,282.7 | 6.2 | 5.2 | 135.64 | -11.0 | -180.8 | 171.5 | 161.2 | 10.29 | 16.671 | | |
| 2,400.0 | 2,376.3 | 2,393.8 | 2,381.1 | 6.6 | 5.5 | 135.48 | -13.3 | -194.8 | 182.8 | 171.9 | 10.87 | 16.815 | | |
| 2,500.0 | 2,474.4 | 2,493.2 | 2,479.4 | 6.9 | 5.8 | 135.34 | -15.6 | -208.8 | 194.1 | 182.6 | 11.46 | 16.941 | | |
| 2,600.0 | 2,572.6 | 2,592.5 | 2,577.8 | 7.3 | 6.1 | 135.21 | -17.8 | -222.7 | 205.4 | 193.3 | 12.04 | 17.052 | | |
| 2,700.0 | 2,670.7 | 2,691.9 | 2,676.1 | 7.7 | 6.4 | 135.10 | -20.1 | -236.7 | 216.7 | 204.0 | 12.63 | 17.151 | | |
| 2,800.0 | 2,768.8 | 2,791.2 | 2,774.4 | 8.1 | 6.7 | 135.00 | -22.3 | -250.7 | 228.0 | 214.7 | 13.22 | 17.240 | | |
| 2,900.0 | 2,866.9 | 2,890.6 | 2,872.8 | 8.4 | 7.0 | 134.91 | -24.6 | -264.7 | 239.3 | 225.5 | 13.82 | 17.319 | | |
| 3,000.0 | 2,965.0 | 2,990.0 | 2,971.1 | 8.8 | 7.3 | 134.83 | -26.9 | -278.6 | 250.6 | 236.2 | 14.41 | 17.391 | | |
| 3,100.0 | 3,063.1 | 3,089.3 | 3,069.5 | 9.2 | 7.6 | 134.75 | -29.1 | -292.6 | 261.9 | 246.9 | 15.00 | 17.456 | | |
| 3,200.0 | 3,161.3 | 3,188.7 | 3,167.8 | 9.6 | 7.9 | 134.68 | -31.4 | -306.6 | 273.2 | 257.6 | 15.60 | 17.515 | | |
| 3,300.0 | 3,259.4 | 3,288.0 | 3,266.2 | 9.9 | 8.2 | 134.62 | -33.6 | -320.5 | 284.5 | 268.3 | 16.19 | 17.569 | | |
| 3,400.0 | 3,357.5 | 3,387.4 | 3,364.5 | 10.3 | 8.5 | 134.56 | -35.9 | -334.5 | 295.8 | 279.0 | 16.79 | 17.619 | | |
| 3,500.0 | 3,455.6 | 3,486.7 | 3,462.9 | 10.7 | 8.8 | 134.51 | -38.2 | -348.5 | 307.1 | 289.7 | 17.38 | 17.665 | | |
| 3,600.0 | 3,553.7 | 3,586.1 | 3,561.2 | 11.1 | 9.1 | 134.45 | -40.4 | -362.5 | 318.4 | 300.4 | 17.98 | 17.707 | | |
| 3,700.0 | 3,651.9 | 3,685.5 | 3,659.6 | 11.5 | 9.4 | 134.41 | -42.7 | -376.4 | 329.7 | 311.1 | 18.58 | 17.746 | | |
| 3,800.0 | 3,750.0 | 3,784.8 | 3,757.9 | 11.8 | 9.7 | 134.36 | -44.9 | -390.4 | 341.0 | 321.8 | 19.18 | 17.782 | | |
| 3,900.0 | 3,848.1 | 3,884.2 | 3,856.2 | 12.2 | 10.0 | 134.32 | -47.2 | -404.4 | 352.3 | 332.5 | 19.77 | 17.816 | | |
| 4,000.0 | 3,946.2 | 3,983.5 | 3,954.6 | 12.6 | 10.3 | 134.28 | -49.5 | -418.4 | 363.6 | 343.2 | 20.37 | 17.847 | | |
| 4,100.0 | 4,044.3 | 4,082.9 | 4,052.9 | 13.0 | 10.6 | 134.25 | -51.7 | -432.3 | 374.9 | 353.9 | 20.97 | 17.877 | | |
| 4,200.0 | 4,142.4 | 4,182.3 | 4,151.3 | 13.4 | 10.9 | 134.21 | -54.0 | -446.3 | 386.2 | 364.6 | 21.57 | 17.904 | | |
| 4,300.0 | 4,240.6 | 4,281.6 | 4,249.6 | 13.7 | 11.2 | 134.18 | -56.2 | -460.3 | 397.5 | 375.3 | 22.17 | 17.930 | | |
| 4,400.0 | 4,338.7 | 4,381.0 | 4,348.0 | 14.1 | 11.5 | 134.15 | -58.5 | -474.3 | 408.8 | 386.0 | 22.77 | 17.955 | | |
| 4,500.0 | 4,436.8 | 4,480.3 | 4,446.3 | 14.5 | 11.8 | 134.12 | -60.8 | -488.2 | 420.1 | 396.7 | 23.37 | 17.977 | | |
| 4,600.0 | 4,534.9 | 4,579.7 | 4,544.7 | 14.9 | 12.1 | 134.09 | -63.0 | -502.2 | 431.4 | 407.4 | 23.97 | 17.999 | | |
| 4,700.0 | 4,633.0 | 4,679.1 | 4,643.0 | 15.3 | 12.4 | 134.07 | -65.3 | -516.2 | 442.7 | 418.1 | 24.57 | 18.019 | | |
| 4,800.0 | 4,731.2 | 4,778.4 | 4,741.4 | 15.6 | 12.7 | 134.04 | -67.5 | -530.2 | 454.0 | 428.8 | 25.17 | 18.039 | | |
| 4,900.0 | 4,829.3 | 4,877.8 | 4,839.7 | 16.0 | 13.0 | 134.02 | -69.8 | -544.1 | 465.3 | 439.5 | 25.77 | 18.057 | | |
| 5,000.0 | 4,927.4 | 4,977.1 | 4,938.0 | 16.4 | 13.3 | 134.00 | -72.1 | -558.1 | 476.6 | 450.2 | 26.37 | 18.074 | | |
| 5,100.0 | 5,025.5 | 5,076.5 | 5,036.4 | 16.8 | 13.6 | 133.97 | -74.3 | -572.1 | 487.9 | 461.0 | 26.97 | 18.091 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| | | | | | | | | | | | | | |
|--|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------------|--------|-----------------|------------------|------------------------|-------------------|----------------------------------|
| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2E-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft |
| Survey Program: 0-Geolink 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 +N/-S | +E/-W | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor | |
| (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (°) | (ft) | (ft) | (ft) | (ft) | | | |
| 5,200.0 | 5,123.6 | 5,175.8 | 5,134.7 | 17.2 | 13.9 | 133.95 | -76.6 | -586.1 | 499.2 | 471.7 | 27.57 | 18.106 | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2F-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft | |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---------------------------|---------|
| Survey Program: 0-Geolink 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 | 0.00 | 7.3 | 0.0 | 7.3 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.1 | 0.1 | 0.00 | 7.3 | 0.0 | 7.3 | 7.0 | 0.26 | 27.829 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 0.00 | 7.3 | 0.0 | 7.3 | 6.7 | 0.61 | 11.927 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 0.00 | 7.3 | 0.0 | 7.3 | 6.3 | 0.96 | 7.590 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 0.00 | 7.3 | 0.0 | 7.3 | 6.0 | 1.31 | 5.566 CC, ES | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 0.8 | 0.8 | 139.11 | 7.3 | 0.0 | 7.9 | 6.3 | 1.66 | 4.778 | | |
| 600.0 | 600.0 | 600.1 | 600.1 | 1.0 | 1.0 | 145.12 | 6.9 | -0.8 | 9.5 | 7.5 | 2.01 | 4.712 | | |
| 700.0 | 699.9 | 700.2 | 700.1 | 1.2 | 1.2 | 147.61 | 5.6 | -3.0 | 11.4 | 9.0 | 2.36 | 4.811 | | |
| 800.0 | 799.7 | 800.3 | 800.2 | 1.4 | 1.4 | 147.86 | 3.4 | -6.8 | 13.6 | 10.8 | 2.72 | 4.984 | | |
| 900.0 | 899.4 | 900.4 | 900.1 | 1.6 | 1.6 | 146.79 | 0.4 | -12.1 | 16.0 | 13.0 | 3.09 | 5.193 | | |
| 1,000.0 | 998.9 | 1,000.6 | 1,000.0 | 1.8 | 1.8 | 144.96 | -3.5 | -19.0 | 18.8 | 15.4 | 3.47 | 5.419 | | |
| 1,100.0 | 1,098.3 | 1,100.8 | 1,099.7 | 2.1 | 2.0 | 142.74 | -8.3 | -27.3 | 21.9 | 18.1 | 3.88 | 5.650 | | |
| 1,200.0 | 1,197.4 | 1,201.0 | 1,199.2 | 2.3 | 2.2 | 140.36 | -13.9 | -37.2 | 25.4 | 21.1 | 4.33 | 5.873 | | |
| 1,300.0 | 1,296.3 | 1,301.1 | 1,298.5 | 2.6 | 2.5 | 137.96 | -20.4 | -48.6 | 29.2 | 24.4 | 4.81 | 6.082 | | |
| 1,400.0 | 1,394.9 | 1,401.3 | 1,397.6 | 2.9 | 2.8 | 135.66 | -27.8 | -61.4 | 33.5 | 28.1 | 5.33 | 6.276 | | |
| 1,500.0 | 1,493.3 | 1,501.2 | 1,496.3 | 3.3 | 3.1 | 134.95 | -35.4 | -74.8 | 38.7 | 32.8 | 5.87 | 6.588 | | |
| 1,600.0 | 1,591.4 | 1,601.0 | 1,594.9 | 3.6 | 3.4 | 135.42 | -43.0 | -88.1 | 44.6 | 38.2 | 6.40 | 6.977 | | |
| 1,700.0 | 1,689.5 | 1,700.8 | 1,693.5 | 4.0 | 3.7 | 135.80 | -50.6 | -101.4 | 50.6 | 43.7 | 6.93 | 7.302 | | |
| 1,800.0 | 1,787.6 | 1,800.6 | 1,792.2 | 4.3 | 4.0 | 136.10 | -58.2 | -114.8 | 56.6 | 49.1 | 7.47 | 7.575 | | |
| 1,900.0 | 1,885.7 | 1,900.4 | 1,890.8 | 4.7 | 4.3 | 136.35 | -65.8 | -128.1 | 62.6 | 54.6 | 8.01 | 7.808 | | |
| 2,000.0 | 1,983.8 | 2,000.3 | 1,989.4 | 5.1 | 4.6 | 136.55 | -73.4 | -141.4 | 68.6 | 60.0 | 8.56 | 8.008 | | |
| 2,100.0 | 2,082.0 | 2,100.1 | 2,088.0 | 5.4 | 4.9 | 136.71 | -81.0 | -154.8 | 74.5 | 65.4 | 9.11 | 8.181 | | |
| 2,200.0 | 2,180.1 | 2,199.9 | 2,186.7 | 5.8 | 5.2 | 136.86 | -88.7 | -168.1 | 80.5 | 70.9 | 9.66 | 8.334 | | |
| 2,300.0 | 2,278.2 | 2,299.7 | 2,285.3 | 6.2 | 5.5 | 136.98 | -96.3 | -181.5 | 86.5 | 76.3 | 10.22 | 8.468 | | |
| 2,400.0 | 2,376.3 | 2,399.5 | 2,383.9 | 6.6 | 5.8 | 137.09 | -103.9 | -194.8 | 92.5 | 81.7 | 10.77 | 8.587 | | |
| 2,500.0 | 2,474.4 | 2,499.4 | 2,482.6 | 6.9 | 6.1 | 137.18 | -111.5 | -208.1 | 98.5 | 87.1 | 11.33 | 8.694 | | |
| 2,600.0 | 2,572.6 | 2,599.2 | 2,581.2 | 7.3 | 6.4 | 137.27 | -119.1 | -221.5 | 104.5 | 92.6 | 11.88 | 8.789 | | |
| 2,700.0 | 2,670.7 | 2,699.0 | 2,679.8 | 7.7 | 6.8 | 137.34 | -126.7 | -234.8 | 110.4 | 98.0 | 12.44 | 8.876 | | |
| 2,800.0 | 2,768.8 | 2,798.8 | 2,778.5 | 8.1 | 7.1 | 137.41 | -134.3 | -248.1 | 116.4 | 103.4 | 13.00 | 8.954 | | |
| 2,900.0 | 2,866.9 | 2,898.6 | 2,877.1 | 8.4 | 7.4 | 137.47 | -141.9 | -261.5 | 122.4 | 108.8 | 13.56 | 9.026 | | |
| 3,000.0 | 2,965.0 | 2,998.5 | 2,975.7 | 8.8 | 7.7 | 137.52 | -149.5 | -274.8 | 128.4 | 114.3 | 14.12 | 9.091 | | |
| 3,100.0 | 3,063.1 | 3,098.3 | 3,074.4 | 9.2 | 8.0 | 137.57 | -157.2 | -288.1 | 134.4 | 119.7 | 14.68 | 9.151 | | |
| 3,200.0 | 3,161.3 | 3,198.1 | 3,173.0 | 9.6 | 8.3 | 137.62 | -164.8 | -301.5 | 140.4 | 125.1 | 15.25 | 9.206 | | |
| 3,300.0 | 3,259.4 | 3,297.9 | 3,271.6 | 9.9 | 8.7 | 137.66 | -172.4 | -314.8 | 146.3 | 130.5 | 15.81 | 9.257 | | |
| 3,400.0 | 3,357.5 | 3,397.7 | 3,370.3 | 10.3 | 9.0 | 137.70 | -180.0 | -328.2 | 152.3 | 136.0 | 16.37 | 9.305 | | |
| 3,500.0 | 3,455.6 | 3,497.6 | 3,468.9 | 10.7 | 9.3 | 137.73 | -187.6 | -341.5 | 158.3 | 141.4 | 16.93 | 9.349 | | |
| 3,600.0 | 3,553.7 | 3,597.4 | 3,567.5 | 11.1 | 9.6 | 137.77 | -195.2 | -354.8 | 164.3 | 146.8 | 17.50 | 9.390 | | |
| 3,700.0 | 3,651.9 | 3,697.2 | 3,666.2 | 11.5 | 9.9 | 137.80 | -202.8 | -368.2 | 170.3 | 152.2 | 18.06 | 9.428 | | |
| 3,800.0 | 3,750.0 | 3,797.0 | 3,764.8 | 11.8 | 10.3 | 137.83 | -210.4 | -381.5 | 176.3 | 157.6 | 18.63 | 9.464 | | |
| 3,900.0 | 3,848.1 | 3,896.8 | 3,863.4 | 12.2 | 10.6 | 137.85 | -218.0 | -394.8 | 182.3 | 163.1 | 19.19 | 9.497 | | |
| 4,000.0 | 3,946.2 | 3,996.7 | 3,962.1 | 12.6 | 10.9 | 137.88 | -225.7 | -408.2 | 188.2 | 168.5 | 19.76 | 9.529 | | |
| 4,100.0 | 4,044.3 | 4,096.5 | 4,060.7 | 13.0 | 11.2 | 137.90 | -233.3 | -421.5 | 194.2 | 173.9 | 20.32 | 9.558 | | |
| 4,200.0 | 4,142.4 | 4,196.3 | 4,159.3 | 13.4 | 11.5 | 137.92 | -240.9 | -434.8 | 200.2 | 179.3 | 20.89 | 9.586 | | |
| 4,300.0 | 4,240.6 | 4,296.1 | 4,258.0 | 13.7 | 11.9 | 137.94 | -248.5 | -448.2 | 206.2 | 184.7 | 21.45 | 9.613 | | |
| 4,400.0 | 4,338.7 | 4,396.0 | 4,356.6 | 14.1 | 12.2 | 137.96 | -256.1 | -461.5 | 212.2 | 190.2 | 22.02 | 9.638 | | |
| 4,500.0 | 4,436.8 | 4,495.8 | 4,455.2 | 14.5 | 12.5 | 137.98 | -263.7 | -474.9 | 218.2 | 195.6 | 22.58 | 9.661 | | |
| 4,600.0 | 4,534.9 | 4,595.6 | 4,553.9 | 14.9 | 12.8 | 138.00 | -271.3 | -488.2 | 224.2 | 201.0 | 23.15 | 9.684 | | |
| 4,700.0 | 4,633.0 | 4,695.4 | 4,652.5 | 15.3 | 13.1 | 138.02 | -278.9 | -501.5 | 230.1 | 206.4 | 23.71 | 9.705 | | |
| 4,800.0 | 4,731.2 | 4,795.2 | 4,751.1 | 15.6 | 13.5 | 138.03 | -286.5 | -514.9 | 236.1 | 211.8 | 24.28 | 9.726 | | |
| 4,900.0 | 4,829.3 | 4,895.1 | 4,849.8 | 16.0 | 13.8 | 138.05 | -294.2 | -528.2 | 242.1 | 217.3 | 24.85 | 9.745 | | |
| 5,000.0 | 4,927.4 | 4,994.9 | 4,948.4 | 16.4 | 14.1 | 138.06 | -301.8 | -541.5 | 248.1 | 222.7 | 25.41 | 9.763 | | |
| 5,100.0 | 5,025.5 | 5,094.7 | 5,047.0 | 16.8 | 14.4 | 138.07 | -309.4 | -554.9 | 254.1 | 228.1 | 25.98 | 9.781 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2F-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft | |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---------------------------|--|
| Survey Program: 0-Geolink 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 | | |
| 5,200.0 | 5,123.6 | 5,194.5 | 5,145.7 | 17.2 | 14.7 | 138.09 | -317.0 | -568.2 | 260.1 | 233.5 | 26.54 | 9.798 | | |
| 5,300.0 | 5,221.7 | 5,294.3 | 5,244.3 | 17.5 | 15.1 | 138.10 | -324.6 | -581.5 | 266.1 | 238.9 | 27.11 | 9.814 | | |
| 5,400.0 | 5,319.9 | 5,394.2 | 5,342.9 | 17.9 | 15.4 | 138.11 | -332.2 | -594.9 | 272.0 | 244.4 | 27.68 | 9.829 | | |
| 5,500.0 | 5,418.0 | 5,494.0 | 5,441.6 | 18.3 | 15.7 | 138.12 | -339.8 | -608.2 | 278.0 | 249.8 | 28.24 | 9.844 | | |
| 5,600.0 | 5,516.1 | 5,593.8 | 5,540.2 | 18.7 | 16.0 | 138.13 | -347.4 | -621.6 | 284.0 | 255.2 | 28.81 | 9.858 | | |
| 5,700.0 | 5,614.2 | 5,693.6 | 5,638.8 | 19.1 | 16.3 | 138.14 | -355.0 | -634.9 | 290.0 | 260.6 | 29.38 | 9.872 | | |
| 5,800.0 | 5,712.3 | 5,793.4 | 5,737.5 | 19.5 | 16.7 | 138.15 | -362.7 | -648.2 | 296.0 | 266.0 | 29.94 | 9.885 | | |
| 5,900.0 | 5,810.5 | 5,893.3 | 5,836.1 | 19.8 | 17.0 | 138.16 | -370.3 | -661.6 | 302.0 | 271.5 | 30.51 | 9.897 | | |
| 6,000.0 | 5,908.6 | 5,993.1 | 5,934.7 | 20.2 | 17.3 | 138.17 | -377.9 | -674.9 | 308.0 | 276.9 | 31.08 | 9.909 | | |
| 6,100.0 | 6,006.7 | 6,092.9 | 6,033.4 | 20.6 | 17.6 | 138.18 | -385.5 | -688.2 | 313.9 | 282.3 | 31.64 | 9.921 | | |
| 6,200.0 | 6,104.8 | 6,192.7 | 6,132.0 | 21.0 | 17.9 | 138.19 | -393.1 | -701.6 | 319.9 | 287.7 | 32.21 | 9.932 | | |
| 6,300.0 | 6,202.9 | 6,292.5 | 6,230.6 | 21.4 | 18.3 | 138.20 | -400.7 | -714.9 | 325.9 | 293.1 | 32.78 | 9.943 | | |
| 6,400.0 | 6,301.6 | 6,392.0 | 6,328.9 | 21.6 | 18.6 | -170.94 | -408.3 | -728.2 | 331.6 | 298.2 | 33.42 | 9.923 | | |
| 6,500.0 | 6,400.0 | 6,488.9 | 6,424.7 | 21.7 | 18.9 | -127.03 | -415.7 | -741.1 | 337.4 | 302.9 | 34.51 | 9.778 | | |
| 6,600.0 | 6,495.2 | 6,587.7 | 6,522.9 | 21.6 | 19.1 | -116.63 | -423.3 | -746.5 | 345.7 | 310.4 | 35.31 | 9.791 | | |
| 6,700.0 | 6,584.1 | 6,693.0 | 6,627.0 | 21.4 | 19.0 | -114.85 | -431.3 | -733.5 | 356.5 | 321.2 | 35.23 | 10.117 | | |
| 6,800.0 | 6,664.3 | 6,805.9 | 6,733.8 | 21.0 | 18.7 | -115.69 | -439.5 | -698.7 | 368.9 | 334.7 | 34.22 | 10.780 | | |
| 6,900.0 | 6,733.1 | 6,927.3 | 6,838.7 | 20.6 | 18.2 | -117.38 | -447.6 | -638.7 | 381.9 | 349.5 | 32.38 | 11.794 | | |
| 7,000.0 | 6,788.5 | 7,057.7 | 6,934.7 | 20.1 | 17.4 | -119.17 | -455.0 | -551.1 | 393.9 | 363.9 | 30.05 | 13.111 | | |
| 7,100.0 | 6,828.8 | 7,196.6 | 7,012.4 | 19.8 | 16.7 | -120.65 | -461.0 | -436.5 | 403.6 | 375.8 | 27.84 | 14.499 | | |
| 7,200.0 | 6,852.9 | 7,342.2 | 7,061.9 | 19.5 | 16.0 | -121.54 | -464.9 | -300.1 | 409.6 | 382.9 | 26.63 | 15.378 | | |
| 7,300.0 | 6,860.0 | 7,483.8 | 7,076.0 | 19.3 | 15.7 | -121.70 | -465.9 | -159.5 | 411.0 | 383.9 | 27.11 | 15.164 | | |
| 7,400.0 | 6,860.0 | 7,583.8 | 7,076.0 | 19.4 | 15.9 | -121.70 | -465.9 | -59.5 | 411.0 | 382.5 | 28.56 | 14.392 | | |
| 7,500.0 | 6,860.0 | 7,683.8 | 7,076.0 | 19.8 | 17.2 | -121.70 | -465.9 | 40.5 | 411.0 | 380.5 | 30.52 | 13.470 | | |
| 7,600.0 | 6,860.0 | 7,783.8 | 7,076.0 | 20.7 | 18.8 | -121.70 | -465.9 | 140.5 | 411.0 | 378.1 | 32.90 | 12.494 | | |
| 7,700.0 | 6,860.0 | 7,883.8 | 7,076.0 | 22.1 | 20.5 | -121.70 | -465.9 | 240.5 | 411.0 | 375.4 | 35.62 | 11.539 | | |
| 7,800.0 | 6,860.0 | 7,983.8 | 7,076.0 | 23.7 | 22.3 | -121.70 | -465.9 | 340.5 | 411.0 | 372.4 | 38.61 | 10.645 | | |
| 7,900.0 | 6,860.0 | 8,083.8 | 7,076.0 | 25.5 | 24.3 | -121.70 | -465.9 | 440.5 | 411.0 | 369.2 | 41.82 | 9.829 | | |
| 8,000.0 | 6,860.0 | 8,183.8 | 7,076.0 | 27.4 | 26.3 | -121.70 | -465.9 | 540.5 | 411.0 | 365.9 | 45.19 | 9.096 | | |
| 8,100.0 | 6,860.0 | 8,283.8 | 7,076.0 | 29.4 | 28.3 | -121.70 | -465.9 | 640.5 | 411.0 | 362.3 | 48.69 | 8.442 | | |
| 8,200.0 | 6,860.0 | 8,383.8 | 7,076.0 | 31.4 | 30.5 | -121.70 | -465.9 | 740.5 | 411.0 | 358.7 | 52.30 | 7.859 | | |
| 8,300.0 | 6,860.0 | 8,483.8 | 7,076.0 | 33.5 | 32.7 | -121.70 | -465.9 | 840.5 | 411.0 | 355.0 | 55.99 | 7.341 | | |
| 8,400.0 | 6,860.0 | 8,583.8 | 7,076.0 | 35.7 | 34.9 | -121.70 | -465.9 | 940.5 | 411.0 | 351.3 | 59.76 | 6.879 | | |
| 8,500.0 | 6,860.0 | 8,683.8 | 7,076.0 | 37.9 | 37.1 | -121.70 | -465.9 | 1,040.5 | 411.0 | 347.5 | 63.58 | 6.465 | | |
| 8,600.0 | 6,860.0 | 8,783.8 | 7,076.0 | 40.1 | 39.4 | -121.70 | -465.9 | 1,140.5 | 411.0 | 343.6 | 67.44 | 6.095 | | |
| 8,700.0 | 6,860.0 | 8,883.8 | 7,076.0 | 42.4 | 41.7 | -121.70 | -465.9 | 1,240.5 | 411.0 | 339.7 | 71.35 | 5.761 | | |
| 8,800.0 | 6,860.0 | 8,983.8 | 7,076.0 | 44.7 | 44.0 | -121.70 | -465.9 | 1,340.5 | 411.0 | 335.8 | 75.29 | 5.460 | | |
| 8,900.0 | 6,860.0 | 9,083.8 | 7,076.0 | 47.0 | 46.3 | -121.70 | -465.9 | 1,440.5 | 411.0 | 331.8 | 79.26 | 5.186 | | |
| 9,000.0 | 6,860.0 | 9,183.8 | 7,076.0 | 49.3 | 48.7 | -121.70 | -465.9 | 1,540.5 | 411.0 | 327.8 | 83.25 | 4.938 | | |
| 9,100.0 | 6,860.0 | 9,283.8 | 7,076.0 | 51.6 | 51.0 | -121.70 | -465.9 | 1,640.5 | 411.0 | 323.8 | 87.26 | 4.710 | | |
| 9,200.0 | 6,860.0 | 9,383.8 | 7,076.0 | 53.9 | 53.4 | -121.70 | -465.9 | 1,740.5 | 411.0 | 319.7 | 91.29 | 4.502 | | |
| 9,300.0 | 6,860.0 | 9,483.8 | 7,076.0 | 56.3 | 55.8 | -121.70 | -465.9 | 1,840.5 | 411.0 | 315.7 | 95.34 | 4.311 | | |
| 9,400.0 | 6,860.0 | 9,583.8 | 7,076.0 | 58.7 | 58.1 | -121.70 | -465.9 | 1,940.5 | 411.0 | 311.6 | 99.40 | 4.135 | | |
| 9,500.0 | 6,860.0 | 9,683.8 | 7,076.0 | 61.0 | 60.5 | -121.70 | -465.9 | 2,040.5 | 411.0 | 307.6 | 103.48 | 3.972 | | |
| 9,600.0 | 6,860.0 | 9,783.8 | 7,076.0 | 63.4 | 62.9 | -121.70 | -465.9 | 2,140.5 | 411.0 | 303.5 | 107.56 | 3.821 | | |
| 9,700.0 | 6,860.0 | 9,883.8 | 7,076.0 | 65.8 | 65.3 | -121.70 | -465.9 | 2,240.5 | 411.0 | 299.4 | 111.65 | 3.681 | | |
| 9,800.0 | 6,860.0 | 9,983.8 | 7,076.0 | 68.2 | 67.7 | -121.70 | -465.9 | 2,340.5 | 411.0 | 295.3 | 115.76 | 3.551 | | |
| 9,900.0 | 6,860.0 | 10,083.8 | 7,076.0 | 70.6 | 70.1 | -121.70 | -465.9 | 2,440.5 | 411.0 | 291.2 | 119.87 | 3.429 | | |
| 10,000.0 | 6,860.0 | 10,183.8 | 7,076.0 | 73.0 | 72.6 | -121.70 | -465.9 | 2,540.5 | 411.0 | 287.1 | 123.99 | 3.315 | | |
| 10,100.0 | 6,860.0 | 10,283.8 | 7,076.0 | 75.4 | 75.0 | -121.70 | -465.9 | 2,640.5 | 411.0 | 282.9 | 128.11 | 3.208 | | |
| 10,200.0 | 6,860.0 | 10,383.8 | 7,076.0 | 77.8 | 77.4 | -121.70 | -465.9 | 2,740.5 | 411.0 | 278.8 | 132.24 | 3.108 | | |
| 10,300.0 | 6,860.0 | 10,483.8 | 7,076.0 | 80.2 | 79.8 | -121.70 | -465.9 | 2,840.5 | 411.0 | 274.7 | 136.38 | 3.014 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design | | | | | | | | | | | | | S19-T3N-R68W (Bohrer) - Bohrer 2F-19H-E368 - Hz - Plan #1 | | Offset Site Error: | | 0.0 ft |
|---------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---|---------|--------------------|--|--------|
| Survey Program: | | | | | | | | | | | | | 0-Geolink 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 | | | | | |
| 10,400.0 | 6,860.0 | 10,583.8 | 7,076.0 | 82.6 | 82.3 | -121.70 | -465.9 | 2,940.5 | 411.0 | 270.5 | 140.52 | 2.925 | | | | | |
| 10,500.0 | 6,860.0 | 10,683.8 | 7,076.0 | 85.0 | 84.7 | -121.70 | -465.9 | 3,040.5 | 411.0 | 266.4 | 144.66 | 2.841 | | | | | |
| 10,600.0 | 6,860.0 | 10,783.8 | 7,076.0 | 87.5 | 87.1 | -121.70 | -465.9 | 3,140.5 | 411.0 | 262.2 | 148.81 | 2.762 | | | | | |
| 10,700.0 | 6,860.0 | 10,883.8 | 7,076.0 | 89.9 | 89.6 | -121.70 | -465.9 | 3,240.5 | 411.0 | 258.1 | 152.96 | 2.687 | | | | | |
| 10,800.0 | 6,860.0 | 10,983.8 | 7,076.0 | 92.3 | 92.0 | -121.70 | -465.9 | 3,340.5 | 411.0 | 253.9 | 157.12 | 2.616 | | | | | |
| 10,900.0 | 6,860.0 | 11,083.8 | 7,076.0 | 94.7 | 94.4 | -121.70 | -465.9 | 3,440.5 | 411.0 | 249.8 | 161.27 | 2.549 | | | | | |
| 11,000.0 | 6,860.0 | 11,183.8 | 7,076.0 | 97.2 | 96.9 | -121.70 | -465.9 | 3,540.5 | 411.0 | 245.6 | 165.44 | 2.485 | | | | | |
| 11,100.0 | 6,860.0 | 11,283.8 | 7,076.0 | 99.6 | 99.3 | -121.70 | -465.9 | 3,640.5 | 411.0 | 241.4 | 169.60 | 2.424 | | | | | |
| 11,200.0 | 6,860.0 | 11,383.8 | 7,076.0 | 102.0 | 101.8 | -121.70 | -465.9 | 3,740.5 | 411.0 | 237.3 | 173.77 | 2.365 | | | | | |
| 11,300.0 | 6,860.0 | 11,483.8 | 7,076.0 | 104.5 | 104.2 | -121.70 | -465.9 | 3,840.5 | 411.0 | 233.1 | 177.94 | 2.310 | | | | | |
| 11,400.0 | 6,860.0 | 11,583.8 | 7,076.0 | 106.9 | 106.7 | -121.70 | -465.9 | 3,940.5 | 411.0 | 228.9 | 182.11 | 2.257 | | | | | |
| 11,500.0 | 6,860.0 | 11,683.8 | 7,076.0 | 109.4 | 109.1 | -121.70 | -465.9 | 4,040.5 | 411.0 | 224.8 | 186.28 | 2.207 | | | | | |
| 11,500.1 | 6,860.0 | 11,683.9 | 7,076.0 | 109.4 | 109.1 | -121.70 | -465.9 | 4,040.6 | 411.0 | 224.8 | 186.28 | 2.207 | | | | | |
| 11,500.7 | 6,860.0 | 11,684.5 | 7,076.0 | 109.4 | 109.1 | -121.70 | -465.9 | 4,041.2 | 411.0 | 224.7 | 186.31 | 2.206 SF | | | | | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2H-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft | |
|---|------------|------------|------------|-----------------|--------|--------------|------------------------|------------|--------------|---------------|------------------|------------|---------------------------|---------|
| Survey Program: 0-Geolink MWD | | | | | | | | | | | | | Offset Well Error: 0.0 ft | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | Warning |
| Measured Depth | Vertical | Measured | Vertical | Reference | Offset | Highside | Offset Wellbore Centre | | Between | Between | Total | Separation | | |
| Depth (ft) | Depth (ft) | Depth (ft) | Depth (ft) | (ft) | (ft) | Toolface (°) | +N/-S (ft) | +E/-W (ft) | Centres (ft) | Ellipses (ft) | Uncertainty Axis | Factor | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 180.00 | -10.9 | 0.0 | 11.0 | | | | | |
| 100.0 | 100.0 | 99.0 | 99.0 | 0.1 | 0.1 | 180.00 | -10.9 | 0.0 | 10.9 | 10.7 | 0.26 | 41.954 | | |
| 200.0 | 200.0 | 199.0 | 199.0 | 0.3 | 0.3 | 180.00 | -10.9 | 0.0 | 10.9 | 10.3 | 0.61 | 17.942 | | |
| 300.0 | 300.0 | 299.0 | 299.0 | 0.5 | 0.5 | 180.00 | -10.9 | 0.0 | 10.9 | 10.0 | 0.96 | 11.405 | CC, ES | |
| 400.0 | 400.0 | 398.8 | 398.8 | 0.7 | 0.7 | -177.55 | -11.6 | -0.5 | 11.6 | 10.3 | 1.31 | 8.896 | | |
| 500.0 | 500.0 | 498.6 | 498.6 | 0.8 | 0.8 | -39.32 | -13.7 | -2.0 | 13.2 | 11.5 | 1.66 | 7.960 | | |
| 600.0 | 600.0 | 598.4 | 598.3 | 1.0 | 1.0 | -37.44 | -17.2 | -4.5 | 14.9 | 12.9 | 2.01 | 7.436 | | |
| 700.0 | 699.9 | 698.1 | 697.8 | 1.2 | 1.2 | -36.81 | -22.2 | -8.1 | 16.9 | 14.5 | 2.37 | 7.125 | | |
| 800.0 | 799.7 | 797.8 | 797.2 | 1.4 | 1.4 | -37.07 | -28.5 | -12.6 | 18.9 | 16.2 | 2.73 | 6.933 | | |
| 900.0 | 899.4 | 897.5 | 896.4 | 1.6 | 1.6 | -37.95 | -36.2 | -18.2 | 21.1 | 18.0 | 3.10 | 6.812 | | |
| 1,000.0 | 998.9 | 997.1 | 995.4 | 1.8 | 1.9 | -39.26 | -45.3 | -24.7 | 23.5 | 20.0 | 3.49 | 6.732 | | |
| 1,100.0 | 1,098.3 | 1,096.7 | 1,094.2 | 2.1 | 2.2 | -40.85 | -55.8 | -32.3 | 26.1 | 22.2 | 3.91 | 6.673 | | |
| 1,200.0 | 1,197.4 | 1,196.3 | 1,192.6 | 2.3 | 2.5 | -42.61 | -67.7 | -40.9 | 28.8 | 24.5 | 4.35 | 6.624 | | |
| 1,300.0 | 1,296.3 | 1,295.8 | 1,290.8 | 2.6 | 2.8 | -44.47 | -81.0 | -50.4 | 31.8 | 26.9 | 4.83 | 6.575 | | |
| 1,400.0 | 1,394.9 | 1,395.3 | 1,388.6 | 2.9 | 3.1 | -46.38 | -95.6 | -61.0 | 34.9 | 29.6 | 5.36 | 6.520 | | |
| 1,500.0 | 1,493.3 | 1,494.7 | 1,486.1 | 3.3 | 3.5 | -48.28 | -111.7 | -72.5 | 38.3 | 32.4 | 5.93 | 6.457 | | |
| 1,600.0 | 1,591.4 | 1,594.1 | 1,583.1 | 3.6 | 3.9 | -49.50 | -129.1 | -85.0 | 42.4 | 35.8 | 6.53 | 6.483 | | |
| 1,700.0 | 1,689.5 | 1,693.9 | 1,680.4 | 4.0 | 4.3 | -49.76 | -147.3 | -98.1 | 47.1 | 40.0 | 7.12 | 6.618 | | |
| 1,800.0 | 1,787.6 | 1,793.8 | 1,777.7 | 4.3 | 4.7 | -49.98 | -165.5 | -111.2 | 51.9 | 44.2 | 7.72 | 6.726 | | |
| 1,900.0 | 1,885.7 | 1,893.7 | 1,875.1 | 4.7 | 5.1 | -50.15 | -183.7 | -124.3 | 56.7 | 48.4 | 8.32 | 6.813 | | |
| 2,000.0 | 1,983.8 | 1,993.6 | 1,972.4 | 5.1 | 5.5 | -50.30 | -202.0 | -137.5 | 61.5 | 52.5 | 8.93 | 6.885 | | |
| 2,100.0 | 2,082.0 | 2,093.5 | 2,069.7 | 5.4 | 5.9 | -50.43 | -220.2 | -150.6 | 66.2 | 56.7 | 9.54 | 6.944 | | |
| 2,200.0 | 2,180.1 | 2,193.4 | 2,167.1 | 5.8 | 6.4 | -50.54 | -238.4 | -163.7 | 71.0 | 60.9 | 10.15 | 6.994 | | |
| 2,300.0 | 2,278.2 | 2,293.3 | 2,264.4 | 6.2 | 6.8 | -50.64 | -256.7 | -176.8 | 75.8 | 65.0 | 10.77 | 7.037 | | |
| 2,400.0 | 2,376.3 | 2,393.1 | 2,361.7 | 6.6 | 7.2 | -50.72 | -274.9 | -189.9 | 80.6 | 69.2 | 11.39 | 7.073 | | |
| 2,500.0 | 2,474.4 | 2,493.0 | 2,459.0 | 6.9 | 7.6 | -50.80 | -293.1 | -203.1 | 85.4 | 73.3 | 12.01 | 7.104 | | |
| 2,600.0 | 2,572.6 | 2,592.9 | 2,556.4 | 7.3 | 8.1 | -50.86 | -311.4 | -216.2 | 90.1 | 77.5 | 12.64 | 7.132 | | |
| 2,700.0 | 2,670.7 | 2,692.8 | 2,653.7 | 7.7 | 8.5 | -50.92 | -329.6 | -229.3 | 94.9 | 81.7 | 13.26 | 7.156 | | |
| 2,800.0 | 2,768.8 | 2,792.7 | 2,751.0 | 8.1 | 8.9 | -50.98 | -347.8 | -242.4 | 99.7 | 85.8 | 13.89 | 7.177 | | |
| 2,900.0 | 2,866.9 | 2,892.6 | 2,848.3 | 8.4 | 9.3 | -51.03 | -366.1 | -255.5 | 104.5 | 90.0 | 14.52 | 7.196 | | |
| 3,000.0 | 2,965.0 | 2,992.5 | 2,945.7 | 8.8 | 9.8 | -51.07 | -384.3 | -268.7 | 109.3 | 94.1 | 15.15 | 7.212 | | |
| 3,100.0 | 3,063.1 | 3,092.3 | 3,043.0 | 9.2 | 10.2 | -51.11 | -402.5 | -281.8 | 114.0 | 98.3 | 15.78 | 7.227 | | |
| 3,200.0 | 3,161.3 | 3,192.2 | 3,140.3 | 9.6 | 10.6 | -51.15 | -420.8 | -294.9 | 118.8 | 102.4 | 16.41 | 7.241 | | |
| 3,300.0 | 3,259.4 | 3,292.1 | 3,237.6 | 9.9 | 11.1 | -51.19 | -439.0 | -308.0 | 123.6 | 106.6 | 17.04 | 7.253 | | |
| 3,400.0 | 3,357.5 | 3,392.0 | 3,335.0 | 10.3 | 11.5 | -51.22 | -457.2 | -321.1 | 128.4 | 110.7 | 17.67 | 7.264 | | |
| 3,500.0 | 3,455.6 | 3,491.9 | 3,432.3 | 10.7 | 11.9 | -51.25 | -475.5 | -334.2 | 133.1 | 114.8 | 18.30 | 7.274 | | |
| 3,600.0 | 3,553.7 | 3,591.8 | 3,529.6 | 11.1 | 12.3 | -51.28 | -493.7 | -347.4 | 137.9 | 119.0 | 18.94 | 7.284 | | |
| 3,700.0 | 3,651.9 | 3,691.7 | 3,627.0 | 11.5 | 12.8 | -51.31 | -511.9 | -360.5 | 142.7 | 123.1 | 19.57 | 7.292 | | |
| 3,800.0 | 3,750.0 | 3,791.5 | 3,724.3 | 11.8 | 13.2 | -51.33 | -530.2 | -373.6 | 147.5 | 127.3 | 20.20 | 7.300 | | |
| 3,900.0 | 3,848.1 | 3,891.4 | 3,821.6 | 12.2 | 13.6 | -51.35 | -548.4 | -386.7 | 152.3 | 131.4 | 20.84 | 7.307 | | |
| 4,000.0 | 3,946.2 | 3,991.3 | 3,918.9 | 12.6 | 14.1 | -51.38 | -566.6 | -399.8 | 157.0 | 135.6 | 21.47 | 7.314 | | |
| 4,100.0 | 4,044.3 | 4,091.2 | 4,016.3 | 13.0 | 14.5 | -51.40 | -584.9 | -413.0 | 161.8 | 139.7 | 22.11 | 7.320 | | |
| 4,200.0 | 4,142.4 | 4,191.1 | 4,113.6 | 13.4 | 14.9 | -51.41 | -603.1 | -426.1 | 166.6 | 143.9 | 22.74 | 7.326 | | |
| 4,300.0 | 4,240.6 | 4,291.0 | 4,210.9 | 13.7 | 15.3 | -51.43 | -621.3 | -439.2 | 171.4 | 148.0 | 23.38 | 7.331 | | |
| 4,400.0 | 4,338.7 | 4,390.9 | 4,308.2 | 14.1 | 15.8 | -51.45 | -639.6 | -452.3 | 176.2 | 152.2 | 24.01 | 7.336 | | |
| 4,500.0 | 4,436.8 | 4,490.7 | 4,405.6 | 14.5 | 16.2 | -51.47 | -657.8 | -465.4 | 180.9 | 156.3 | 24.65 | 7.341 | | |
| 4,600.0 | 4,534.9 | 4,590.6 | 4,502.9 | 14.9 | 16.6 | -51.48 | -676.0 | -478.6 | 185.7 | 160.4 | 25.28 | 7.345 | | |
| 4,700.0 | 4,633.0 | 4,690.5 | 4,600.2 | 15.3 | 17.1 | -51.50 | -694.3 | -491.7 | 190.5 | 164.6 | 25.92 | 7.350 | | |
| 4,800.0 | 4,731.2 | 4,790.4 | 4,697.6 | 15.6 | 17.5 | -51.51 | -712.5 | -504.8 | 195.3 | 168.7 | 26.56 | 7.353 | | |
| 4,900.0 | 4,829.3 | 4,890.3 | 4,794.9 | 16.0 | 17.9 | -51.52 | -730.7 | -517.9 | 200.1 | 172.9 | 27.19 | 7.357 | | |
| 5,000.0 | 4,927.4 | 4,990.2 | 4,892.2 | 16.4 | 18.4 | -51.54 | -749.0 | -531.0 | 204.8 | 177.0 | 27.83 | 7.361 | | |
| 5,100.0 | 5,025.5 | 5,090.1 | 4,989.5 | 16.8 | 18.8 | -51.55 | -767.2 | -544.1 | 209.6 | 181.2 | 28.47 | 7.364 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2H-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|---|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: O-Geolink MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | Total Uncertainty Axis | 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) | | | | |
| 5,200.0 | 5,123.6 | 5,189.9 | 5,086.9 | 17.2 | 19.2 | -51.56 | -785.4 | -557.3 | 214.4 | 185.3 | 29.10 | 7.367 | | |
| 5,300.0 | 5,221.7 | 5,289.8 | 5,184.2 | 17.5 | 19.7 | -51.57 | -803.7 | -570.4 | 219.2 | 189.4 | 29.74 | 7.370 | | |
| 5,400.0 | 5,319.9 | 5,389.7 | 5,281.5 | 17.9 | 20.1 | -51.58 | -821.9 | -583.5 | 224.0 | 193.6 | 30.38 | 7.373 | | |
| 5,500.0 | 5,418.0 | 5,489.6 | 5,378.8 | 18.3 | 20.5 | -51.59 | -840.1 | -596.6 | 228.7 | 197.7 | 31.01 | 7.375 | | |
| 5,600.0 | 5,516.1 | 5,589.5 | 5,476.2 | 18.7 | 20.9 | -51.60 | -858.4 | -609.7 | 233.5 | 201.9 | 31.65 | 7.378 | | |
| 5,700.0 | 5,614.2 | 5,689.4 | 5,573.5 | 19.1 | 21.4 | -51.61 | -876.6 | -622.9 | 238.3 | 206.0 | 32.29 | 7.380 | | |
| 5,800.0 | 5,712.3 | 5,789.3 | 5,670.8 | 19.5 | 21.8 | -51.62 | -894.8 | -636.0 | 243.1 | 210.2 | 32.93 | 7.382 | | |
| 5,900.0 | 5,810.5 | 5,889.1 | 5,768.2 | 19.8 | 22.2 | -51.63 | -913.1 | -649.1 | 247.9 | 214.3 | 33.56 | 7.385 | | |
| 6,000.0 | 5,908.6 | 5,989.0 | 5,865.5 | 20.2 | 22.7 | -51.64 | -931.3 | -662.2 | 252.6 | 218.4 | 34.20 | 7.387 | | |
| 6,100.0 | 6,006.7 | 6,088.9 | 5,962.8 | 20.6 | 23.1 | -51.64 | -949.5 | -675.3 | 257.4 | 222.6 | 34.84 | 7.389 | | |
| 6,200.0 | 6,104.8 | 6,188.8 | 6,060.1 | 21.0 | 23.5 | -51.65 | -967.8 | -688.5 | 262.2 | 226.7 | 35.48 | 7.391 | | |
| 6,300.0 | 6,202.9 | 6,288.7 | 6,157.5 | 21.4 | 24.0 | -51.66 | -986.0 | -701.6 | 267.0 | 230.9 | 36.12 | 7.392 | | |
| 6,400.0 | 6,301.6 | 6,388.3 | 6,254.5 | 21.6 | 24.4 | 0.93 | -1,004.2 | -714.7 | 271.0 | 234.8 | 36.18 | 7.491 | | |
| 6,500.0 | 6,400.0 | 6,485.3 | 6,349.0 | 21.7 | 24.8 | 52.60 | -1,021.9 | -727.4 | 274.4 | 239.8 | 34.62 | 7.926 | | |
| 6,600.0 | 6,495.2 | 6,576.8 | 6,438.2 | 21.6 | 25.2 | 74.32 | -1,038.6 | -739.4 | 281.3 | 249.3 | 32.03 | 8.781 | | |
| 6,700.0 | 6,584.1 | 6,674.6 | 6,534.1 | 21.4 | 25.5 | 88.17 | -1,056.6 | -744.1 | 295.4 | 266.3 | 29.18 | 10.125 | | |
| 6,800.0 | 6,664.3 | 6,782.9 | 6,639.4 | 21.0 | 25.7 | 98.48 | -1,076.3 | -729.8 | 315.8 | 289.0 | 26.85 | 11.764 | | |
| 6,900.0 | 6,733.1 | 6,904.9 | 6,752.6 | 20.6 | 25.7 | 106.72 | -1,097.5 | -690.0 | 340.1 | 315.0 | 25.12 | 13.539 | | |
| 7,000.0 | 6,788.5 | 7,044.6 | 6,868.5 | 20.1 | 25.4 | 113.35 | -1,119.2 | -615.8 | 365.0 | 341.0 | 23.96 | 15.233 | | |
| 7,100.0 | 6,828.8 | 7,204.7 | 6,975.1 | 19.8 | 25.0 | 118.37 | -1,139.2 | -498.7 | 386.7 | 363.3 | 23.45 | 16.487 | | |
| 7,200.0 | 6,852.9 | 7,384.6 | 7,051.9 | 19.5 | 24.5 | 121.49 | -1,153.6 | -337.5 | 401.2 | 377.3 | 23.91 | 16.779 | | |
| 7,300.0 | 6,860.0 | 7,565.0 | 7,076.0 | 19.3 | 24.3 | 122.36 | -1,158.1 | -159.5 | 405.4 | 379.9 | 25.46 | 15.925 | | |
| 7,400.0 | 6,860.0 | 7,665.0 | 7,076.0 | 19.4 | 24.3 | 122.36 | -1,158.1 | -59.5 | 405.4 | 378.4 | 26.99 | 15.021 | | |
| 7,500.0 | 6,860.0 | 7,765.0 | 7,076.0 | 19.8 | 24.6 | 122.36 | -1,158.1 | 40.5 | 405.4 | 376.4 | 29.02 | 13.970 | | |
| 7,600.0 | 6,860.0 | 7,865.0 | 7,076.0 | 20.7 | 25.2 | 122.36 | -1,158.1 | 140.5 | 405.4 | 373.9 | 31.48 | 12.878 | | |
| 7,700.0 | 6,860.0 | 7,965.0 | 7,076.0 | 22.1 | 26.0 | 122.36 | -1,158.1 | 240.5 | 405.4 | 371.1 | 34.28 | 11.827 | | |
| 7,800.0 | 6,860.0 | 8,065.0 | 7,076.0 | 23.7 | 27.1 | 122.36 | -1,158.1 | 340.5 | 405.4 | 368.1 | 37.33 | 10.859 | | |
| 7,900.0 | 6,860.0 | 8,165.0 | 7,076.0 | 25.5 | 28.5 | 122.36 | -1,158.1 | 440.5 | 405.4 | 364.8 | 40.59 | 9.987 | | |
| 8,000.0 | 6,860.0 | 8,265.0 | 7,076.0 | 27.4 | 30.1 | 122.36 | -1,158.1 | 540.5 | 405.4 | 361.4 | 44.01 | 9.211 | | |
| 8,100.0 | 6,860.0 | 8,365.0 | 7,076.0 | 29.4 | 31.8 | 122.36 | -1,158.1 | 640.5 | 405.4 | 357.8 | 47.55 | 8.526 | | |
| 8,200.0 | 6,860.0 | 8,465.0 | 7,076.0 | 31.4 | 33.7 | 122.36 | -1,158.1 | 740.5 | 405.4 | 354.2 | 51.19 | 7.920 | | |
| 8,300.0 | 6,860.0 | 8,565.0 | 7,076.0 | 33.5 | 35.6 | 122.36 | -1,158.1 | 840.5 | 405.4 | 350.5 | 54.90 | 7.384 | | |
| 8,400.0 | 6,860.0 | 8,665.0 | 7,076.0 | 35.7 | 37.6 | 122.36 | -1,158.1 | 940.5 | 405.4 | 346.7 | 58.68 | 6.908 | | |
| 8,500.0 | 6,860.0 | 8,765.0 | 7,076.0 | 37.9 | 39.7 | 122.36 | -1,158.1 | 1,040.5 | 405.4 | 342.9 | 62.51 | 6.485 | | |
| 8,600.0 | 6,860.0 | 8,865.0 | 7,076.0 | 40.1 | 41.9 | 122.36 | -1,158.1 | 1,140.5 | 405.4 | 339.0 | 66.39 | 6.106 | | |
| 8,700.0 | 6,860.0 | 8,965.0 | 7,076.0 | 42.4 | 44.0 | 122.36 | -1,158.1 | 1,240.5 | 405.4 | 335.1 | 70.30 | 5.767 | | |
| 8,800.0 | 6,860.0 | 9,065.0 | 7,076.0 | 44.7 | 46.2 | 122.36 | -1,158.1 | 1,340.5 | 405.4 | 331.2 | 74.24 | 5.461 | | |
| 8,900.0 | 6,860.0 | 9,165.0 | 7,076.0 | 47.0 | 48.4 | 122.36 | -1,158.1 | 1,440.5 | 405.4 | 327.2 | 78.20 | 5.184 | | |
| 9,000.0 | 6,860.0 | 9,265.0 | 7,076.0 | 49.3 | 50.7 | 122.36 | -1,158.1 | 1,540.5 | 405.4 | 323.2 | 82.19 | 4.932 | | |
| 9,100.0 | 6,860.0 | 9,365.0 | 7,076.0 | 51.6 | 53.0 | 122.36 | -1,158.1 | 1,640.5 | 405.4 | 319.2 | 86.20 | 4.703 | | |
| 9,200.0 | 6,860.0 | 9,465.0 | 7,076.0 | 53.9 | 55.3 | 122.36 | -1,158.1 | 1,740.5 | 405.4 | 315.2 | 90.22 | 4.494 | | |
| 9,300.0 | 6,860.0 | 9,565.0 | 7,076.0 | 56.3 | 57.6 | 122.36 | -1,158.1 | 1,840.5 | 405.4 | 311.1 | 94.25 | 4.301 | | |
| 9,400.0 | 6,860.0 | 9,665.0 | 7,076.0 | 58.7 | 59.9 | 122.36 | -1,158.1 | 1,940.5 | 405.4 | 307.1 | 98.30 | 4.124 | | |
| 9,500.0 | 6,860.0 | 9,765.0 | 7,076.0 | 61.0 | 62.2 | 122.36 | -1,158.1 | 2,040.5 | 405.4 | 303.0 | 102.36 | 3.960 | | |
| 9,600.0 | 6,860.0 | 9,865.0 | 7,076.0 | 63.4 | 64.5 | 122.36 | -1,158.1 | 2,140.5 | 405.4 | 299.0 | 106.43 | 3.809 | | |
| 9,700.0 | 6,860.0 | 9,965.0 | 7,076.0 | 65.8 | 66.9 | 122.36 | -1,158.1 | 2,240.5 | 405.4 | 294.9 | 110.51 | 3.668 | | |
| 9,800.0 | 6,860.0 | 10,065.0 | 7,076.0 | 68.2 | 69.2 | 122.36 | -1,158.1 | 2,340.5 | 405.4 | 290.8 | 114.60 | 3.538 | | |
| 9,900.0 | 6,860.0 | 10,165.0 | 7,076.0 | 70.6 | 71.6 | 122.36 | -1,158.1 | 2,440.5 | 405.4 | 286.7 | 118.69 | 3.416 | | |
| 10,000.0 | 6,860.0 | 10,265.0 | 7,076.0 | 73.0 | 74.0 | 122.36 | -1,158.1 | 2,540.5 | 405.4 | 282.6 | 122.79 | 3.302 | | |
| 10,100.0 | 6,860.0 | 10,365.0 | 7,076.0 | 75.4 | 76.4 | 122.36 | -1,158.1 | 2,640.5 | 405.4 | 278.5 | 126.89 | 3.195 | | |
| 10,200.0 | 6,860.0 | 10,465.0 | 7,076.0 | 77.8 | 78.7 | 122.36 | -1,158.1 | 2,740.5 | 405.4 | 274.4 | 131.00 | 3.095 | | |
| 10,300.0 | 6,860.0 | 10,565.0 | 7,076.0 | 80.2 | 81.1 | 122.36 | -1,158.1 | 2,840.5 | 405.4 | 270.3 | 135.12 | 3.000 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2H-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--|------------------------|------------------------|------------------------|-------------------|----------------|-----------------------------|---|---------------|----------------------------|-----------------------------|------------------------------|---------------------------|---------|
| Survey Program: 0-Geolink 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 |
| 10,400.0 | 6,860.0 | 10,665.0 | 7,076.0 | 82.6 | 83.5 | 122.36 | -1,158.1 | 2,940.5 | 405.4 | 266.2 | 139.24 | 2.912 | |
| 10,500.0 | 6,860.0 | 10,765.0 | 7,076.0 | 85.0 | 85.9 | 122.36 | -1,158.1 | 3,040.5 | 405.4 | 262.0 | 143.36 | 2.828 | |
| 10,600.0 | 6,860.0 | 10,865.0 | 7,076.0 | 87.5 | 88.3 | 122.36 | -1,158.1 | 3,140.5 | 405.4 | 257.9 | 147.49 | 2.749 | |
| 10,700.0 | 6,860.0 | 10,965.0 | 7,076.0 | 89.9 | 90.7 | 122.36 | -1,158.1 | 3,240.5 | 405.4 | 253.8 | 151.62 | 2.674 | |
| 10,800.0 | 6,860.0 | 11,065.0 | 7,076.0 | 92.3 | 93.1 | 122.36 | -1,158.1 | 3,340.5 | 405.4 | 249.6 | 155.75 | 2.603 | |
| 10,900.0 | 6,860.0 | 11,165.0 | 7,076.0 | 94.7 | 95.6 | 122.36 | -1,158.1 | 3,440.5 | 405.4 | 245.5 | 159.88 | 2.536 | |
| 11,000.0 | 6,860.0 | 11,265.0 | 7,076.0 | 97.2 | 98.0 | 122.36 | -1,158.1 | 3,540.5 | 405.4 | 241.4 | 164.02 | 2.472 | |
| 11,100.0 | 6,860.0 | 11,365.0 | 7,076.0 | 99.6 | 100.4 | 122.36 | -1,158.1 | 3,640.5 | 405.4 | 237.2 | 168.16 | 2.411 | |
| 11,200.0 | 6,860.0 | 11,465.0 | 7,076.0 | 102.0 | 102.8 | 122.36 | -1,158.1 | 3,740.5 | 405.4 | 233.1 | 172.30 | 2.353 | |
| 11,300.0 | 6,860.0 | 11,565.0 | 7,076.0 | 104.5 | 105.2 | 122.36 | -1,158.1 | 3,840.5 | 405.4 | 228.9 | 176.45 | 2.298 | |
| 11,400.0 | 6,860.0 | 11,665.0 | 7,076.0 | 106.9 | 107.7 | 122.36 | -1,158.1 | 3,940.5 | 405.4 | 224.8 | 180.59 | 2.245 | |
| 11,470.0 | 6,860.0 | 11,735.0 | 7,076.0 | 108.6 | 109.4 | 122.36 | -1,158.1 | 4,010.5 | 405.4 | 221.9 | 183.50 | 2.209 | |
| 11,500.0 | 6,860.0 | 11,763.0 | 7,076.0 | 109.4 | 110.0 | 122.36 | -1,158.1 | 4,038.5 | 405.4 | 220.7 | 184.70 | 2.195 | |
| 11,500.7 | 6,860.0 | 11,763.0 | 7,076.0 | 109.4 | 110.0 | 122.36 | -1,158.1 | 4,038.5 | 405.4 | 220.7 | 184.71 | 2.195 SF | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2I-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft | |
|---|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|---------------------------|---------|
| Survey Program: O-Geolink 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 | 180.00 | -21.9 | 0.0 | 21.9 | | | | | |
| 100.0 | 100.0 | 99.0 | 99.0 | 0.1 | 0.1 | 180.00 | -21.9 | 0.0 | 21.9 | 21.6 | 0.26 | 83.907 | | |
| 200.0 | 200.0 | 199.0 | 199.0 | 0.3 | 0.3 | 180.00 | -21.9 | 0.0 | 21.9 | 21.2 | 0.61 | 35.883 CC, ES | | |
| 300.0 | 300.0 | 298.7 | 298.7 | 0.5 | 0.5 | -178.96 | -22.6 | -0.4 | 22.6 | 21.6 | 0.96 | 23.587 | | |
| 400.0 | 400.0 | 398.3 | 398.2 | 0.7 | 0.7 | -176.19 | -24.9 | -1.7 | 24.9 | 23.6 | 1.31 | 19.007 | | |
| 500.0 | 500.0 | 497.8 | 497.6 | 0.8 | 0.8 | -39.02 | -28.6 | -3.7 | 28.2 | 26.6 | 1.66 | 17.030 | | |
| 600.0 | 600.0 | 597.2 | 596.9 | 1.0 | 1.0 | -37.78 | -33.9 | -6.6 | 31.8 | 29.8 | 2.01 | 15.822 | | |
| 700.0 | 699.9 | 696.6 | 696.0 | 1.2 | 1.3 | -37.51 | -40.7 | -10.4 | 35.6 | 33.3 | 2.37 | 15.051 | | |
| 800.0 | 799.7 | 795.9 | 794.8 | 1.4 | 1.5 | -37.91 | -49.0 | -15.0 | 39.7 | 36.9 | 2.73 | 14.531 | | |
| 900.0 | 899.4 | 895.1 | 893.4 | 1.6 | 1.7 | -38.80 | -58.7 | -20.3 | 44.0 | 40.9 | 3.10 | 14.160 | | |
| 1,000.0 | 998.9 | 994.3 | 991.8 | 1.8 | 2.0 | -40.03 | -70.0 | -26.6 | 48.5 | 45.0 | 3.50 | 13.880 | | |
| 1,100.0 | 1,098.3 | 1,093.4 | 1,089.8 | 2.1 | 2.3 | -41.50 | -82.7 | -33.6 | 53.3 | 49.4 | 3.91 | 13.650 | | |
| 1,200.0 | 1,197.4 | 1,192.4 | 1,187.4 | 2.3 | 2.6 | -43.11 | -96.9 | -41.4 | 58.5 | 54.1 | 4.35 | 13.444 | | |
| 1,300.0 | 1,296.3 | 1,291.3 | 1,284.7 | 2.6 | 3.0 | -44.82 | -112.6 | -50.0 | 63.9 | 59.1 | 4.83 | 13.244 | | |
| 1,400.0 | 1,394.9 | 1,390.1 | 1,381.5 | 2.9 | 3.3 | -46.58 | -129.7 | -59.5 | 69.7 | 64.4 | 5.35 | 13.040 | | |
| 1,500.0 | 1,493.3 | 1,488.8 | 1,477.9 | 3.3 | 3.7 | -48.35 | -148.2 | -69.7 | 75.9 | 69.9 | 5.91 | 12.827 | | |
| 1,600.0 | 1,591.4 | 1,587.4 | 1,573.9 | 3.6 | 4.2 | -49.80 | -168.2 | -80.7 | 82.8 | 76.3 | 6.51 | 12.711 SF | | |
| 1,700.0 | 1,689.5 | 1,685.8 | 1,669.2 | 4.0 | 4.6 | -50.42 | -189.6 | -92.5 | 91.2 | 84.1 | 7.11 | 12.818 | | |
| 1,800.0 | 1,787.6 | 1,783.9 | 1,763.8 | 4.3 | 5.1 | -50.39 | -212.3 | -105.1 | 101.0 | 93.3 | 7.70 | 13.110 | | |
| 1,900.0 | 1,885.7 | 1,882.4 | 1,858.4 | 4.7 | 5.6 | -49.92 | -236.5 | -118.4 | 112.1 | 103.8 | 8.27 | 13.546 | | |
| 2,000.0 | 1,983.8 | 1,981.7 | 1,953.6 | 5.1 | 6.1 | -49.44 | -261.1 | -132.0 | 123.5 | 114.6 | 8.85 | 13.958 | | |
| 2,100.0 | 2,082.0 | 2,081.1 | 2,048.9 | 5.4 | 6.6 | -49.04 | -285.8 | -145.6 | 134.9 | 125.4 | 9.42 | 14.317 | | |
| 2,200.0 | 2,180.1 | 2,180.4 | 2,144.2 | 5.8 | 7.1 | -48.70 | -310.4 | -159.2 | 146.3 | 136.3 | 10.00 | 14.633 | | |
| 2,300.0 | 2,278.2 | 2,279.8 | 2,239.5 | 6.2 | 7.6 | -48.41 | -335.0 | -172.8 | 157.7 | 147.1 | 10.57 | 14.912 | | |
| 2,400.0 | 2,376.3 | 2,379.1 | 2,334.8 | 6.6 | 8.1 | -48.16 | -359.7 | -186.3 | 169.1 | 157.9 | 11.15 | 15.161 | | |
| 2,500.0 | 2,474.4 | 2,478.5 | 2,430.0 | 6.9 | 8.6 | -47.94 | -384.3 | -199.9 | 180.5 | 168.8 | 11.73 | 15.385 | | |
| 2,600.0 | 2,572.6 | 2,577.8 | 2,525.3 | 7.3 | 9.2 | -47.75 | -408.9 | -213.5 | 191.9 | 179.6 | 12.31 | 15.586 | | |
| 2,700.0 | 2,670.7 | 2,677.2 | 2,620.6 | 7.7 | 9.7 | -47.58 | -433.6 | -227.1 | 203.3 | 190.4 | 12.89 | 15.769 | | |
| 2,800.0 | 2,768.8 | 2,776.5 | 2,715.9 | 8.1 | 10.2 | -47.43 | -458.2 | -240.7 | 214.8 | 201.3 | 13.48 | 15.934 | | |
| 2,900.0 | 2,866.9 | 2,875.8 | 2,811.1 | 8.4 | 10.7 | -47.29 | -482.8 | -254.3 | 226.2 | 212.1 | 14.06 | 16.086 | | |
| 3,000.0 | 2,965.0 | 2,975.2 | 2,906.4 | 8.8 | 11.2 | -47.17 | -507.5 | -267.9 | 237.6 | 223.0 | 14.64 | 16.225 | | |
| 3,100.0 | 3,063.1 | 3,074.5 | 3,001.7 | 9.2 | 11.8 | -47.06 | -532.1 | -281.5 | 249.0 | 233.8 | 15.23 | 16.353 | | |
| 3,200.0 | 3,161.3 | 3,173.9 | 3,097.0 | 9.6 | 12.3 | -46.95 | -556.7 | -295.1 | 260.4 | 244.6 | 15.81 | 16.471 | | |
| 3,300.0 | 3,259.4 | 3,273.2 | 3,192.3 | 9.9 | 12.8 | -46.86 | -581.4 | -308.6 | 271.9 | 255.5 | 16.40 | 16.580 | | |
| 3,400.0 | 3,357.5 | 3,372.6 | 3,287.5 | 10.3 | 13.3 | -46.77 | -606.0 | -322.2 | 283.3 | 266.3 | 16.98 | 16.682 | | |
| 3,500.0 | 3,455.6 | 3,471.9 | 3,382.8 | 10.7 | 13.8 | -46.69 | -630.6 | -335.8 | 294.7 | 277.1 | 17.57 | 16.776 | | |
| 3,600.0 | 3,553.7 | 3,571.3 | 3,478.1 | 11.1 | 14.4 | -46.62 | -655.3 | -349.4 | 306.1 | 288.0 | 18.15 | 16.864 | | |
| 3,700.0 | 3,651.9 | 3,670.6 | 3,573.4 | 11.5 | 14.9 | -46.55 | -679.9 | -363.0 | 317.6 | 298.8 | 18.74 | 16.946 | | |
| 3,800.0 | 3,750.0 | 3,769.9 | 3,668.6 | 11.8 | 15.4 | -46.49 | -704.5 | -376.6 | 329.0 | 309.7 | 19.33 | 17.024 | | |
| 3,900.0 | 3,848.1 | 3,869.3 | 3,763.9 | 12.2 | 15.9 | -46.43 | -729.2 | -390.2 | 340.4 | 320.5 | 19.91 | 17.096 | | |
| 4,000.0 | 3,946.2 | 3,968.6 | 3,859.2 | 12.6 | 16.5 | -46.37 | -753.8 | -403.8 | 351.9 | 331.4 | 20.50 | 17.164 | | |
| 4,100.0 | 4,044.3 | 4,068.0 | 3,954.5 | 13.0 | 17.0 | -46.32 | -778.4 | -417.4 | 363.3 | 342.2 | 21.09 | 17.229 | | |
| 4,200.0 | 4,142.4 | 4,167.3 | 4,049.7 | 13.4 | 17.5 | -46.27 | -803.1 | -430.9 | 374.7 | 353.0 | 21.67 | 17.289 | | |
| 4,300.0 | 4,240.6 | 4,266.7 | 4,145.0 | 13.7 | 18.0 | -46.23 | -827.7 | -444.5 | 386.1 | 363.9 | 22.26 | 17.347 | | |
| 4,400.0 | 4,338.7 | 4,366.0 | 4,240.3 | 14.1 | 18.5 | -46.18 | -852.3 | -458.1 | 397.6 | 374.7 | 22.85 | 17.401 | | |
| 4,500.0 | 4,436.8 | 4,465.4 | 4,335.6 | 14.5 | 19.1 | -46.14 | -877.0 | -471.7 | 409.0 | 385.6 | 23.43 | 17.453 | | |
| 4,600.0 | 4,534.9 | 4,564.7 | 4,430.9 | 14.9 | 19.6 | -46.10 | -901.6 | -485.3 | 420.4 | 396.4 | 24.02 | 17.502 | | |
| 4,700.0 | 4,633.0 | 4,664.0 | 4,526.1 | 15.3 | 20.1 | -46.07 | -926.2 | -498.9 | 431.9 | 407.2 | 24.61 | 17.548 | | |
| 4,800.0 | 4,731.2 | 4,763.4 | 4,621.4 | 15.6 | 20.6 | -46.03 | -950.9 | -512.5 | 443.3 | 418.1 | 25.20 | 17.592 | | |
| 4,900.0 | 4,829.3 | 4,862.7 | 4,716.7 | 16.0 | 21.2 | -46.00 | -975.5 | -526.1 | 454.7 | 428.9 | 25.79 | 17.635 | | |
| 5,000.0 | 4,927.4 | 4,962.1 | 4,812.0 | 16.4 | 21.7 | -45.97 | -1,000.1 | -539.7 | 466.1 | 439.8 | 26.37 | 17.675 | | |
| 5,100.0 | 5,025.5 | 5,061.4 | 4,907.2 | 16.8 | 22.2 | -45.94 | -1,024.8 | -553.2 | 477.6 | 450.6 | 26.96 | 17.713 | | |

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

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

| | | | | | | | | | | | | | |
|--|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------------|--------|-----------------|------------------|------------------------|-------------------|----------------------------------|
| Offset Design S19-T3N-R68W (Bohrer) - Bohrer 2I-19H-E368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft |
| Survey Program: 0-Geolink 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 +N/-S | +E/-W | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor | |
| (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (°) | (ft) | (ft) | (ft) | (ft) | | | |
| 5,200.0 | 5,123.6 | 5,160.8 | 5,002.5 | 17.2 | 22.7 | -45.91 | -1,049.4 | -566.8 | 489.0 | 461.5 | 27.55 | 17.750 | |

Cathedral Energy Services

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Bohrer 2G-19H-E368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Reference Site: | S19-T3N-R68W (Bohrer) | MD Reference: | WELL @ 5084.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Bohrer 2G-19H-E368 | Survey Calculation Method: | Minimum Curvature |
| Well Error: | 0.0ft | Output errors are at | 2.00 sigma |
| Reference Wellbore | Hz | Database: | USA EDM 5000 Multi Users DB |
| Reference Design: | Plan #1 | Offset TVD Reference: | Offset Datum |

Reference Depths are relative to WELL @ 5084.0ft (Original Well Elev)
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °

Coordinates are relative to: Bohrer 2G-19H-E368
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.29°

