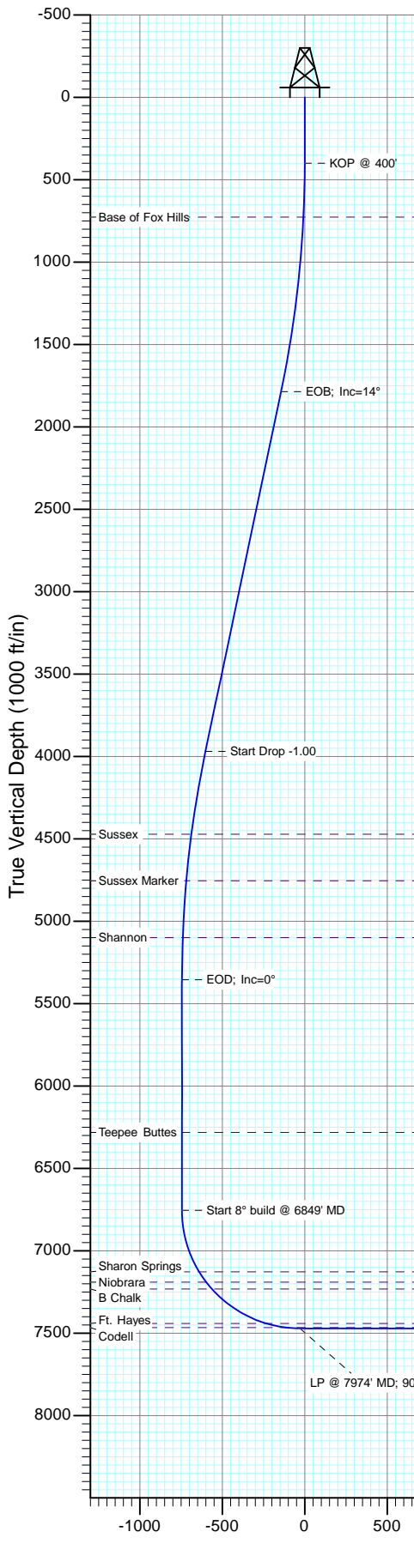


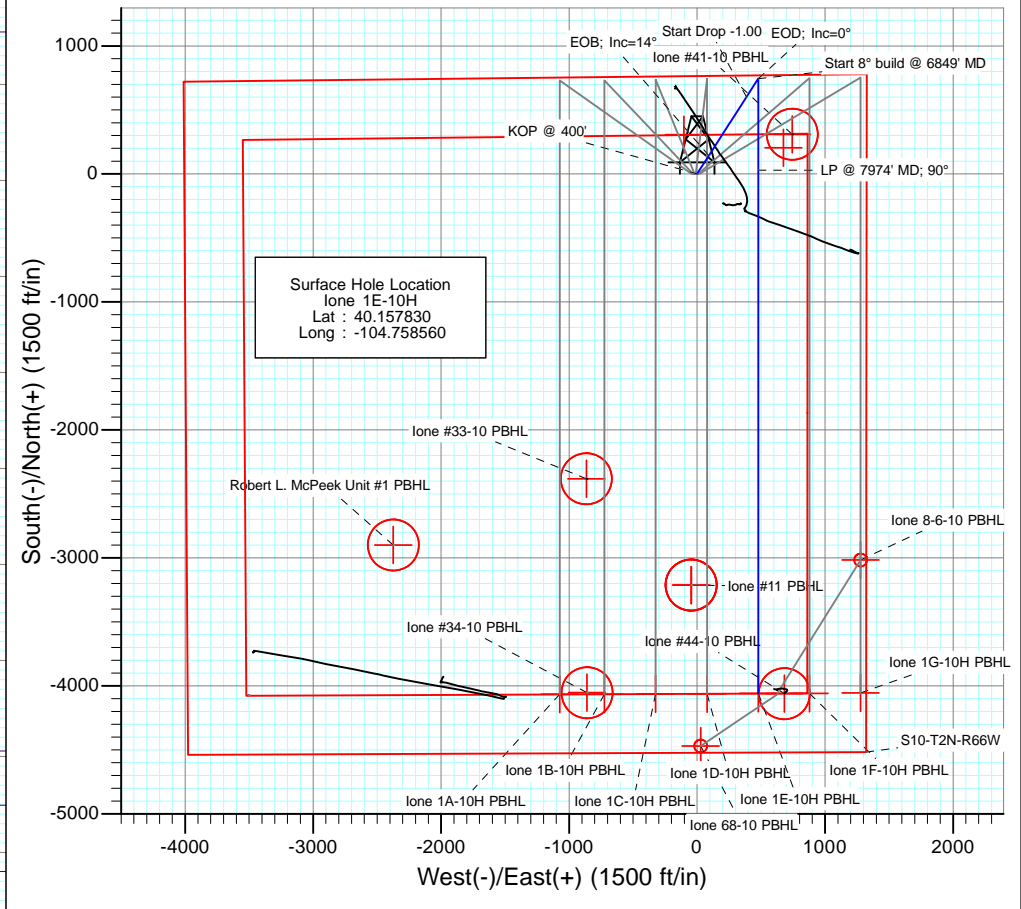


Project: DJ Wattenberg
 Site: S10-T2N-R66W (lone)
 Well: lone 1E-10H
 Wellbore: Hz
 Design: Plan #1



SECTION DETAILS

| Sec | MD | Inc | Azi | TVD | +N/-S | +E/-W | Dleg | TFace | VSept | Target |
|-----|---------|-------|--------|--------|---------|-------|------|--------|--------|------------------|
| 1 | 0.0 | 0.00 | 0.00 | 0.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 2 | 400.0 | 0.00 | 0.00 | 400.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.0 | |
| 3 | 1800.0 | 14.00 | 32.70 | 1786.1 | 143.2 | 91.9 | 1.00 | 32.70 | -143.2 | |
| 4 | 4050.0 | 14.00 | 32.70 | 3969.3 | 601.3 | 386.0 | 0.00 | 0.00 | -601.3 | |
| 5 | 5450.0 | 0.00 | 0.00 | 5355.4 | 744.5 | 478.0 | 1.00 | 180.00 | -744.5 | |
| 6 | 6849.4 | 0.00 | 0.00 | 6754.8 | 744.5 | 478.0 | 0.00 | 0.00 | -744.5 | |
| 7 | 7974.4 | 90.00 | 180.00 | 7471.0 | 28.3 | 478.0 | 8.00 | 180.00 | -28.3 | |
| 8 | 12060.8 | 90.00 | 180.00 | 7471.0 | -4058.0 | 478.0 | 0.00 | 0.00 | 4058.0 | lone 1E-10H PBHL |



DESIGN TARGET DETAILS

| Name | +N/-S | +E/-W | Northing | Easting | Latitude | Longitude |
|------------------|---------|-------|------------|------------|-----------|-------------|
| lone 1E-10H PBHL | -4058.0 | 478.0 | 1297155.72 | 3207752.30 | 40.146690 | -104.756850 |

M Azimuths to True North
 Magnetic North: 8.60°
 Magnetic Field Strength: 52876.4snT
 Dip Angle: 66.82°
 Date: 11/26/2012
 Model: IGRF200510

FORMATION TOP DETAILS

| TVDPath | MDPath | Formation |
|---------|--------|-------------------|
| 727.0 | 727.2 | Base of Fox Hills |
| 4472.0 | 4563.1 | Sussex |
| 4754.0 | 4847.5 | Sussex Marker |
| 5099.0 | 5193.5 | Shannon |
| 6282.0 | 6376.6 | Teepee Buttes |
| 7128.0 | 7242.0 | Sharon Springs |
| 7190.0 | 7317.2 | Niobrara |
| 7232.0 | 7371.7 | B Chalk |
| 7441.0 | 7766.4 | Ft. Hayes |
| 7466.0 | 7889.7 | Codell |

Plan #1
 lone 1E-10H
 12xxx; LR
 WELL @ 5012.0ft (Original Well Elev)
 Ground Elevation @ 4999.0
 North American Datum 1983
 Well lone 1E-10H, True North

Vertical Section at 180.00° (1000 ft/in)

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well lone 1E-10H |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site: | S10-T2N-R66W (lone) | North Reference: | True |
| Well: | lone 1E-10H | 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 S10-T2N-R66W (lone) | | | |
| Site Position: | | Northing: | 1,297,164.02 ft |
| From: | Lat/Long | Easting: | 3,207,875.24 ft |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in |
| | | Latitude: | 40.146710 |
| | | Longitude: | -104.756410 |
| | | Grid Convergence: | 0.48 ° |

| | | | |
|-----------------------------|--------------|--------|----------------------------------|
| Well lone 1E-10H | | | |
| Well Position | +N/-S | 0.0 ft | Northing: 1,301,209.63 ft |
| | +E/-W | 0.0 ft | Easting: 3,207,240.35 ft |
| Position Uncertainty | | 0.0 ft | Latitude: 40.157830 |
| | | | Longitude: -104.758560 |
| | | | Wellhead Elevation: ft |
| | | | Ground Level: 4,999.0 ft |

| | | | | | |
|--------------------|-------------------|--------------------|--------------------|------------------|-----------------------|
| Wellbore Hz | | | | | |
| Magnetics | Model Name | Sample Date | Declination | Dip Angle | Field Strength |
| | | | (°) | (°) | (nT) |
| | IGRF200510 | 11/26/2012 | 8.60 | 66.82 | 52,876 |

| | | | | |
|--------------------------|-------------------------|--------------|----------------------|------------------|
| Design Plan #1 | | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) | +N/-S | +E/-W | Direction |
| | (ft) | (ft) | (ft) | (°) |
| | 0.0 | 0.0 | 0.0 | 180.00 |

| 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 | |
| 1,800.0 | 14.00 | 32.70 | 1,786.1 | 143.2 | 91.9 | 1.00 | 1.00 | 0.00 | 32.70 | |
| 4,050.0 | 14.00 | 32.70 | 3,969.3 | 601.3 | 386.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,450.0 | 0.00 | 0.00 | 5,355.4 | 744.5 | 478.0 | 1.00 | -1.00 | 0.00 | 180.00 | |
| 6,849.4 | 0.00 | 0.00 | 6,754.8 | 744.5 | 478.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,974.4 | 90.00 | 180.00 | 7,471.0 | 28.3 | 478.0 | 8.00 | 8.00 | 0.00 | 180.00 | |
| 12,060.8 | 90.00 | 180.00 | 7,471.0 | -4,058.0 | 478.0 | 0.00 | 0.00 | 0.00 | 0.00 | lone 1E-10H PBHL |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well lone 1E-10H |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site: | S10-T2N-R66W (lone) | North Reference: | True |
| Well: | lone 1E-10H | 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 | |
| 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 | 32.70 | 500.0 | 0.7 | 0.5 | -0.7 | 1.00 | 1.00 | |
| 600.0 | 2.00 | 32.70 | 600.0 | 2.9 | 1.9 | -2.9 | 1.00 | 1.00 | |
| 700.0 | 3.00 | 32.70 | 699.9 | 6.6 | 4.2 | -6.6 | 1.00 | 1.00 | |
| 727.2 | 3.27 | 32.70 | 727.0 | 7.9 | 5.0 | -7.9 | 1.00 | 1.00 | Base of Fox Hills |
| 800.0 | 4.00 | 32.70 | 799.7 | 11.7 | 7.5 | -11.7 | 1.00 | 1.00 | |
| 900.0 | 5.00 | 32.70 | 899.4 | 18.3 | 11.8 | -18.3 | 1.00 | 1.00 | |
| 1,000.0 | 6.00 | 32.70 | 998.9 | 26.4 | 17.0 | -26.4 | 1.00 | 1.00 | |
| 1,100.0 | 7.00 | 32.70 | 1,098.3 | 35.9 | 23.1 | -35.9 | 1.00 | 1.00 | |
| 1,200.0 | 8.00 | 32.70 | 1,197.4 | 46.9 | 30.1 | -46.9 | 1.00 | 1.00 | |
| 1,300.0 | 9.00 | 32.70 | 1,296.3 | 59.4 | 38.1 | -59.4 | 1.00 | 1.00 | |
| 1,400.0 | 10.00 | 32.70 | 1,394.9 | 73.2 | 47.0 | -73.2 | 1.00 | 1.00 | |
| 1,500.0 | 11.00 | 32.70 | 1,493.3 | 88.6 | 56.9 | -88.6 | 1.00 | 1.00 | |
| 1,600.0 | 12.00 | 32.70 | 1,591.2 | 105.4 | 67.6 | -105.4 | 1.00 | 1.00 | |
| 1,700.0 | 13.00 | 32.70 | 1,688.9 | 123.6 | 79.3 | -123.6 | 1.00 | 1.00 | |
| 1,800.0 | 14.00 | 32.70 | 1,786.1 | 143.2 | 91.9 | -143.2 | 1.00 | 1.00 | EOB; Inc=14° |
| 1,900.0 | 14.00 | 32.70 | 1,883.1 | 163.6 | 105.0 | -163.6 | 0.00 | 0.00 | |
| 2,000.0 | 14.00 | 32.70 | 1,980.2 | 183.9 | 118.1 | -183.9 | 0.00 | 0.00 | |
| 2,100.0 | 14.00 | 32.70 | 2,077.2 | 204.3 | 131.2 | -204.3 | 0.00 | 0.00 | |
| 2,200.0 | 14.00 | 32.70 | 2,174.2 | 224.7 | 144.2 | -224.7 | 0.00 | 0.00 | |
| 2,300.0 | 14.00 | 32.70 | 2,271.3 | 245.0 | 157.3 | -245.0 | 0.00 | 0.00 | |
| 2,400.0 | 14.00 | 32.70 | 2,368.3 | 265.4 | 170.4 | -265.4 | 0.00 | 0.00 | |
| 2,500.0 | 14.00 | 32.70 | 2,465.3 | 285.7 | 183.4 | -285.7 | 0.00 | 0.00 | |
| 2,600.0 | 14.00 | 32.70 | 2,562.3 | 306.1 | 196.5 | -306.1 | 0.00 | 0.00 | |
| 2,700.0 | 14.00 | 32.70 | 2,659.4 | 326.4 | 209.6 | -326.4 | 0.00 | 0.00 | |
| 2,800.0 | 14.00 | 32.70 | 2,756.4 | 346.8 | 222.6 | -346.8 | 0.00 | 0.00 | |
| 2,900.0 | 14.00 | 32.70 | 2,853.4 | 367.2 | 235.7 | -367.2 | 0.00 | 0.00 | |
| 3,000.0 | 14.00 | 32.70 | 2,950.5 | 387.5 | 248.8 | -387.5 | 0.00 | 0.00 | |
| 3,100.0 | 14.00 | 32.70 | 3,047.5 | 407.9 | 261.8 | -407.9 | 0.00 | 0.00 | |
| 3,200.0 | 14.00 | 32.70 | 3,144.5 | 428.2 | 274.9 | -428.2 | 0.00 | 0.00 | |
| 3,300.0 | 14.00 | 32.70 | 3,241.6 | 448.6 | 288.0 | -448.6 | 0.00 | 0.00 | |
| 3,400.0 | 14.00 | 32.70 | 3,338.6 | 468.9 | 301.1 | -468.9 | 0.00 | 0.00 | |
| 3,500.0 | 14.00 | 32.70 | 3,435.6 | 489.3 | 314.1 | -489.3 | 0.00 | 0.00 | |
| 3,600.0 | 14.00 | 32.70 | 3,532.6 | 509.7 | 327.2 | -509.7 | 0.00 | 0.00 | |
| 3,700.0 | 14.00 | 32.70 | 3,629.7 | 530.0 | 340.3 | -530.0 | 0.00 | 0.00 | |
| 3,800.0 | 14.00 | 32.70 | 3,726.7 | 550.4 | 353.3 | -550.4 | 0.00 | 0.00 | |
| 3,900.0 | 14.00 | 32.70 | 3,823.7 | 570.7 | 366.4 | -570.7 | 0.00 | 0.00 | |
| 4,000.0 | 14.00 | 32.70 | 3,920.8 | 591.1 | 379.5 | -591.1 | 0.00 | 0.00 | |
| 4,050.0 | 14.00 | 32.70 | 3,969.3 | 601.3 | 386.0 | -601.3 | 0.00 | 0.00 | Start Drop -1.00 |
| 4,100.0 | 13.50 | 32.70 | 4,017.8 | 611.3 | 392.4 | -611.3 | 1.00 | -1.00 | |
| 4,200.0 | 12.50 | 32.70 | 4,115.3 | 630.2 | 404.6 | -630.2 | 1.00 | -1.00 | |
| 4,300.0 | 11.50 | 32.70 | 4,213.1 | 647.7 | 415.8 | -647.7 | 1.00 | -1.00 | |
| 4,400.0 | 10.50 | 32.70 | 4,311.3 | 663.8 | 426.1 | -663.8 | 1.00 | -1.00 | |
| 4,500.0 | 9.50 | 32.70 | 4,409.7 | 678.4 | 435.5 | -678.4 | 1.00 | -1.00 | |
| 4,563.1 | 8.87 | 32.70 | 4,472.0 | 686.8 | 440.9 | -686.8 | 1.00 | -1.00 | Sussex |
| 4,600.0 | 8.50 | 32.70 | 4,508.5 | 691.5 | 444.0 | -691.5 | 1.00 | -1.00 | |
| 4,700.0 | 7.50 | 32.70 | 4,607.5 | 703.2 | 451.5 | -703.2 | 1.00 | -1.00 | |
| 4,800.0 | 6.50 | 32.70 | 4,706.8 | 713.5 | 458.1 | -713.5 | 1.00 | -1.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well lone 1E-10H |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site: | S10-T2N-R66W (lone) | North Reference: | True |
| Well: | lone 1E-10H | 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 |
| 4,847.5 | 6.02 | 32.70 | 4,754.0 | 717.9 | 460.9 | -717.9 | 1.00 | -1.00 | Sussex Marker |
| 4,900.0 | 5.50 | 32.70 | 4,806.2 | 722.3 | 463.7 | -722.3 | 1.00 | -1.00 | |
| 5,000.0 | 4.50 | 32.70 | 4,905.8 | 729.6 | 468.4 | -729.6 | 1.00 | -1.00 | |
| 5,100.0 | 3.50 | 32.70 | 5,005.6 | 735.5 | 472.2 | -735.5 | 1.00 | -1.00 | |
| 5,193.5 | 2.56 | 32.70 | 5,099.0 | 739.7 | 474.9 | -739.7 | 1.00 | -1.00 | Shannon |
| 5,200.0 | 2.50 | 32.70 | 5,105.5 | 739.9 | 475.0 | -739.9 | 1.00 | -1.00 | |
| 5,300.0 | 1.50 | 32.70 | 5,205.4 | 742.8 | 476.9 | -742.8 | 1.00 | -1.00 | |
| 5,400.0 | 0.50 | 32.70 | 5,305.4 | 744.3 | 477.8 | -744.3 | 1.00 | -1.00 | |
| 5,450.0 | 0.00 | 0.00 | 5,355.4 | 744.5 | 478.0 | -744.5 | 1.00 | -1.00 | EOD; Inc=0° |
| 5,500.0 | 0.00 | 0.00 | 5,405.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 5,600.0 | 0.00 | 0.00 | 5,505.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 5,700.0 | 0.00 | 0.00 | 5,605.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 5,800.0 | 0.00 | 0.00 | 5,705.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 5,900.0 | 0.00 | 0.00 | 5,805.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,000.0 | 0.00 | 0.00 | 5,905.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,100.0 | 0.00 | 0.00 | 6,005.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,200.0 | 0.00 | 0.00 | 6,105.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,300.0 | 0.00 | 0.00 | 6,205.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,376.6 | 0.00 | 0.00 | 6,282.0 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | Teepee Buttes |
| 6,400.0 | 0.00 | 0.00 | 6,305.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,500.0 | 0.00 | 0.00 | 6,405.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,600.0 | 0.00 | 0.00 | 6,505.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,700.0 | 0.00 | 0.00 | 6,605.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,800.0 | 0.00 | 0.00 | 6,705.4 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | |
| 6,849.4 | 0.00 | 0.00 | 6,754.8 | 744.5 | 478.0 | -744.5 | 0.00 | 0.00 | Start 8° build @ 6849' MD |
| 6,900.0 | 4.05 | 180.00 | 6,805.3 | 742.7 | 478.0 | -742.7 | 8.00 | 8.00 | |
| 7,000.0 | 12.05 | 180.00 | 6,904.3 | 728.7 | 478.0 | -728.7 | 8.00 | 8.00 | |
| 7,100.0 | 20.05 | 180.00 | 7,000.3 | 701.1 | 478.0 | -701.1 | 8.00 | 8.00 | |
| 7,200.0 | 28.05 | 180.00 | 7,091.6 | 660.4 | 478.0 | -660.4 | 8.00 | 8.00 | |
| 7,242.0 | 31.40 | 180.00 | 7,128.0 | 639.6 | 478.0 | -639.6 | 8.00 | 8.00 | Sharon Springs |
| 7,300.0 | 36.05 | 180.00 | 7,176.2 | 607.4 | 478.0 | -607.4 | 8.00 | 8.00 | |
| 7,317.2 | 37.42 | 180.00 | 7,190.0 | 597.1 | 478.0 | -597.1 | 8.00 | 8.00 | Niobrara |
| 7,371.7 | 41.78 | 180.00 | 7,232.0 | 562.4 | 478.0 | -562.4 | 8.00 | 8.00 | B Chalk |
| 7,400.0 | 44.05 | 180.00 | 7,252.7 | 543.1 | 478.0 | -543.1 | 8.00 | 8.00 | |
| 7,500.0 | 52.05 | 180.00 | 7,319.5 | 468.8 | 478.0 | -468.8 | 8.00 | 8.00 | |
| 7,600.0 | 60.05 | 180.00 | 7,375.3 | 385.9 | 478.0 | -385.9 | 8.00 | 8.00 | |
| 7,700.0 | 68.05 | 180.00 | 7,419.1 | 296.0 | 478.0 | -296.0 | 8.00 | 8.00 | |
| 7,766.4 | 73.36 | 180.00 | 7,441.0 | 233.4 | 478.0 | -233.4 | 8.00 | 8.00 | Ft. Hayes |
| 7,800.0 | 76.05 | 180.00 | 7,449.9 | 201.0 | 478.0 | -201.0 | 8.00 | 8.00 | |
| 7,889.7 | 83.23 | 180.00 | 7,466.0 | 112.8 | 478.0 | -112.8 | 8.00 | 8.00 | Codell |
| 7,900.0 | 84.05 | 180.00 | 7,467.1 | 102.6 | 478.0 | -102.6 | 8.00 | 8.00 | |
| 7,974.4 | 90.00 | 180.00 | 7,471.0 | 28.3 | 478.0 | -28.3 | 8.00 | 8.00 | LP @ 7974' MD; 90° |
| 8,000.0 | 90.00 | 180.00 | 7,471.0 | 2.7 | 478.0 | -2.7 | 0.00 | 0.00 | |
| 8,100.0 | 90.00 | 180.00 | 7,471.0 | -97.3 | 478.0 | 97.3 | 0.00 | 0.00 | |
| 8,200.0 | 90.00 | 180.00 | 7,471.0 | -197.3 | 478.0 | 197.3 | 0.00 | 0.00 | |
| 8,300.0 | 90.00 | 180.00 | 7,471.0 | -297.3 | 478.0 | 297.3 | 0.00 | 0.00 | |
| 8,400.0 | 90.00 | 180.00 | 7,471.0 | -397.3 | 478.0 | 397.3 | 0.00 | 0.00 | |
| 8,500.0 | 90.00 | 180.00 | 7,471.0 | -497.3 | 478.0 | 497.3 | 0.00 | 0.00 | |
| 8,600.0 | 90.00 | 180.00 | 7,471.0 | -597.3 | 478.0 | 597.3 | 0.00 | 0.00 | |
| 8,700.0 | 90.00 | 180.00 | 7,471.0 | -697.3 | 478.0 | 697.3 | 0.00 | 0.00 | |
| 8,800.0 | 90.00 | 180.00 | 7,471.0 | -797.3 | 478.0 | 797.3 | 0.00 | 0.00 | |
| 8,900.0 | 90.00 | 180.00 | 7,471.0 | -897.3 | 478.0 | 897.3 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well lone 1E-10H |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site: | S10-T2N-R66W (lone) | North Reference: | True |
| Well: | lone 1E-10H | 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 |
| 9,000.0 | 90.00 | 180.00 | 7,471.0 | -997.3 | 478.0 | 997.3 | 0.00 | 0.00 | |
| 9,100.0 | 90.00 | 180.00 | 7,471.0 | -1,097.3 | 478.0 | 1,097.3 | 0.00 | 0.00 | |
| 9,200.0 | 90.00 | 180.00 | 7,471.0 | -1,197.3 | 478.0 | 1,197.3 | 0.00 | 0.00 | |
| 9,300.0 | 90.00 | 180.00 | 7,471.0 | -1,297.3 | 478.0 | 1,297.3 | 0.00 | 0.00 | |
| 9,400.0 | 90.00 | 180.00 | 7,471.0 | -1,397.3 | 478.0 | 1,397.3 | 0.00 | 0.00 | |
| 9,500.0 | 90.00 | 180.00 | 7,471.0 | -1,497.3 | 478.0 | 1,497.3 | 0.00 | 0.00 | |
| 9,600.0 | 90.00 | 180.00 | 7,471.0 | -1,597.3 | 478.0 | 1,597.3 | 0.00 | 0.00 | |
| 9,700.0 | 90.00 | 180.00 | 7,471.0 | -1,697.3 | 478.0 | 1,697.3 | 0.00 | 0.00 | |
| 9,800.0 | 90.00 | 180.00 | 7,471.0 | -1,797.3 | 478.0 | 1,797.3 | 0.00 | 0.00 | |
| 9,900.0 | 90.00 | 180.00 | 7,471.0 | -1,897.3 | 478.0 | 1,897.3 | 0.00 | 0.00 | |
| 10,000.0 | 90.00 | 180.00 | 7,471.0 | -1,997.3 | 478.0 | 1,997.3 | 0.00 | 0.00 | |
| 10,100.0 | 90.00 | 180.00 | 7,471.0 | -2,097.3 | 478.0 | 2,097.3 | 0.00 | 0.00 | |
| 10,200.0 | 90.00 | 180.00 | 7,471.0 | -2,197.3 | 478.0 | 2,197.3 | 0.00 | 0.00 | |
| 10,300.0 | 90.00 | 180.00 | 7,471.0 | -2,297.3 | 478.0 | 2,297.3 | 0.00 | 0.00 | |
| 10,400.0 | 90.00 | 180.00 | 7,471.0 | -2,397.3 | 478.0 | 2,397.3 | 0.00 | 0.00 | |
| 10,500.0 | 90.00 | 180.00 | 7,471.0 | -2,497.3 | 478.0 | 2,497.3 | 0.00 | 0.00 | |
| 10,600.0 | 90.00 | 180.00 | 7,471.0 | -2,597.3 | 478.0 | 2,597.3 | 0.00 | 0.00 | |
| 10,700.0 | 90.00 | 180.00 | 7,471.0 | -2,697.3 | 478.0 | 2,697.3 | 0.00 | 0.00 | |
| 10,800.0 | 90.00 | 180.00 | 7,471.0 | -2,797.3 | 478.0 | 2,797.3 | 0.00 | 0.00 | |
| 10,900.0 | 90.00 | 180.00 | 7,471.0 | -2,897.3 | 478.0 | 2,897.3 | 0.00 | 0.00 | |
| 11,000.0 | 90.00 | 180.00 | 7,471.0 | -2,997.3 | 478.0 | 2,997.3 | 0.00 | 0.00 | |
| 11,100.0 | 90.00 | 180.00 | 7,471.0 | -3,097.3 | 478.0 | 3,097.3 | 0.00 | 0.00 | |
| 11,200.0 | 90.00 | 180.00 | 7,471.0 | -3,197.3 | 478.0 | 3,197.3 | 0.00 | 0.00 | |
| 11,300.0 | 90.00 | 180.00 | 7,471.0 | -3,297.3 | 478.0 | 3,297.3 | 0.00 | 0.00 | |
| 11,400.0 | 90.00 | 180.00 | 7,471.0 | -3,397.3 | 478.0 | 3,397.3 | 0.00 | 0.00 | |
| 11,500.0 | 90.00 | 180.00 | 7,471.0 | -3,497.3 | 478.0 | 3,497.3 | 0.00 | 0.00 | |
| 11,600.0 | 90.00 | 180.00 | 7,471.0 | -3,597.3 | 478.0 | 3,597.3 | 0.00 | 0.00 | |
| 11,700.0 | 90.00 | 180.00 | 7,471.0 | -3,697.3 | 478.0 | 3,697.3 | 0.00 | 0.00 | |
| 11,800.0 | 90.00 | 180.00 | 7,471.0 | -3,797.3 | 478.0 | 3,797.3 | 0.00 | 0.00 | |
| 11,900.0 | 90.00 | 180.00 | 7,471.0 | -3,897.3 | 478.0 | 3,897.3 | 0.00 | 0.00 | |
| 12,000.0 | 90.00 | 180.00 | 7,471.0 | -3,997.3 | 478.0 | 3,997.3 | 0.00 | 0.00 | |
| 12,060.8 | 90.00 | 180.00 | 7,471.0 | -4,058.0 | 478.0 | 4,058.0 | 0.00 | 0.00 | TD at 12060.8 - lone 1E-10H PBHL |

| Targets | | | | | | | | | |
|------------------------------------------------------------------------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| lone 1E-10H PBHL - hit/miss target - Shape - plan hits target center - Point | 0.00 | 0.00 | 7,471.0 | -4,058.0 | 478.0 | 1,297,155.72 | 3,207,752.30 | 40.146690 | -104.756850 |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well lone 1E-10H |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site: | S10-T2N-R66W (lone) | North Reference: | True |
| Well: | lone 1E-10H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | HZ | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|-------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 727.2 | 727.0 | Base of Fox Hills | | | | |
| 4,563.1 | 4,472.0 | Sussex | | | | |
| 4,847.5 | 4,754.0 | Sussex Marker | | | | |
| 5,193.5 | 5,099.0 | Shannon | | | | |
| 6,376.6 | 6,282.0 | Teepee Buttes | | | | |
| 7,242.0 | 7,128.0 | Sharon Springs | | | | |
| 7,317.2 | 7,190.0 | Niobrara | | | | |
| 7,371.7 | 7,232.0 | B Chalk | | | | |
| 7,766.4 | 7,441.0 | Ft. Hayes | | | | |
| 7,889.7 | 7,466.0 | Codell | | | | |

| 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' | |
| 1,800.0 | 1,786.1 | 143.2 | 91.9 | EOB; Inc=14° | |
| 4,050.0 | 3,969.3 | 601.3 | 386.0 | Start Drop -1.00 | |
| 5,450.0 | 5,355.4 | 744.5 | 478.0 | EOD; Inc=0° | |
| 6,849.4 | 6,754.8 | 744.5 | 478.0 | Start 8° build @ 6849' MD | |
| 7,974.4 | 7,471.0 | 28.3 | 478.0 | LP @ 7974' MD; 90° | |
| 12,060.8 | 7,471.0 | -4,058.0 | 478.0 | TD at 12060.8 | |

EnCana Oil & Gas (USA) Inc

DJ Wattenberg

S10-T2N-R66W (lone)

lone 1E-10H

Hz

Plan #1

Anticollision Report

26 November, 2012

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | 11/26/2012 | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 12,060.8 | Plan #1 (Hz) | MWD | Geolink MWD |

| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
|-----------------------------------------------------------|----------------------------------------|-------------------------------------|----------------------------------------|-----------------------------------------|----------------------|--------------|
| Summary | | | | | | |
| Offset Well - Wellbore - Design | | | | | | |
| S10-T2N-R66W (lone) | | | | | | |
| HSR McPeek 13-10A (Existing) - Existing - Existing | | | | | | Out of range |
| lone #11 (Existing) - Existing - Existing | | | | | | Out of range |
| lone #2 (Exsiting) - Hz - Hz | 8,233.4 | 7,460.1 | 271.9 | 250.2 | 12.579 | CC, ES, SF |
| lone #33-10 (Existing) - Existing - Existing | | | | | | Out of range |
| lone #34-10 (Existing) - Existing - Existing | | | | | | Out of range |
| lone #41-10 (Existing) - Existing - Existing | 7,685.2 | 7,397.4 | 265.5 | 238.2 | 9.732 | CC, ES, SF |
| lone #44-10 (Existing) - Existing - Existing | 12,030.6 | 7,483.1 | 138.7 | 58.4 | 1.728 | CC, ES, SF |
| lone #8-2-10 (Exsiting) - Existing - Existing | 126.1 | 131.1 | 472.9 | 472.5 | 1,105.524 | CC, ES |
| lone #8-2-10 (Exsiting) - Existing - Existing | 500.0 | 452.0 | 491.9 | 490.2 | 298.181 | SF |
| lone 1A-10H - Hz - Plan #1 | 200.0 | 200.0 | 41.9 | 41.3 | 64.229 | CC, ES |
| lone 1A-10H - Hz - Plan #1 | 700.0 | 695.7 | 64.1 | 61.7 | 26.471 | SF |
| lone 1B-10H - Hz - Plan #1 | 300.0 | 300.0 | 30.7 | 29.7 | 30.690 | CC, ES |
| lone 1B-10H - Hz - Plan #1 | 700.0 | 697.9 | 44.7 | 42.3 | 18.454 | SF |
| lone 1C-10H - Hz - Plan #1 | 400.0 | 400.0 | 19.6 | 18.2 | 14.483 | CC, ES |
| lone 1C-10H - Hz - Plan #1 | 700.0 | 699.4 | 26.8 | 24.4 | 11.089 | SF |
| lone 1D-10H - Hz - Plan #1 | 400.0 | 400.0 | 11.2 | 9.8 | 8.276 | CC, ES |
| lone 1D-10H - Hz - Plan #1 | 12,061.6 | 11,814.1 | 458.2 | 327.5 | 3.505 | SF |
| lone 1F-10H - Hz - Plan #1 | 300.0 | 300.0 | 8.4 | 7.4 | 8.370 | CC, ES |
| lone 1F-10H - Hz - Plan #1 | 12,061.6 | 11,900.7 | 453.9 | 321.7 | 3.434 | SF |
| lone 1G-10H - Hz - Plan #1 | 200.0 | 200.0 | 19.6 | 18.9 | 29.974 | CC, ES |
| lone 1G-10H - Hz - Plan #1 | 900.0 | 896.3 | 44.4 | 41.2 | 13.986 | SF |
| lone 4-2-10 (Existing) - Existing - Existing | 8,287.6 | 7,455.0 | 105.4 | 76.9 | 3.698 | CC, ES, SF |
| lone 6-0-10 (Existing) - Existing - Existing | 2,337.1 | 2,402.8 | 65.2 | 57.3 | 8.315 | CC, ES |
| lone 6-0-10 (Existing) - Existing - Existing | 2,400.0 | 2,463.2 | 67.6 | 59.3 | 8.198 | SF |
| lone 6-8-10 (Existing) - DD - Plan #1 | | | | | | Out of range |
| lone 8-6-10 (Existing) - DD - Plan #1 | | | | | | Out of range |
| McPeek #14-10 (Existing) - Existing - Existing | | | | | | Out of range |
| McPeek #24-10 (Existing) - Existing - Existing | | | | | | Out of range |
| Robert L. McPeek Unit #1 (Existing) - Existing - Existing | | | | | | Out of range |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|--------------------------|----------------|----------------|----------------|-----------------|--------|-------------------|------------------------------|-------|-----------------|------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 100-Gyro | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | | | | | | | | | | | | | | |
| Offset | | | | Semi Major Axis | | | Distance | | | | | | | | |
| Measured Depth | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre +N/-S | +E/-W | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor | Warning | | |
| (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (°) | (ft) | (ft) | (ft) | (ft) | | | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 123.89 | -229.8 | 342.1 | 412.3 | | | | | | |
| 100.0 | 100.0 | 88.5 | 88.5 | 0.2 | 0.1 | 123.92 | -230.0 | 342.1 | 412.2 | 412.0 | 0.23 | 1,798.331 | | | |
| 200.0 | 200.0 | 188.6 | 188.6 | 0.3 | 0.2 | 124.01 | -230.6 | 341.8 | 412.3 | 411.8 | 0.49 | 839.202 | | | |
| 300.0 | 300.0 | 287.8 | 287.8 | 0.5 | 0.3 | 124.17 | -231.7 | 341.3 | 412.5 | 411.7 | 0.75 | 547.741 | | | |
| 400.0 | 400.0 | 389.2 | 389.2 | 0.7 | 0.3 | 124.36 | -232.9 | 340.6 | 412.6 | 411.6 | 1.02 | 405.916 | | | |
| 430.8 | 430.8 | 419.9 | 419.9 | 0.7 | 0.4 | 91.73 | -233.3 | 340.4 | 412.6 | 411.5 | 1.10 | 375.835 | | | |
| 500.0 | 500.0 | 488.2 | 488.2 | 0.9 | 0.4 | 91.96 | -234.0 | 339.9 | 412.7 | 411.4 | 1.28 | 322.678 | | | |
| 600.0 | 600.0 | 589.2 | 589.2 | 1.0 | 0.5 | 92.50 | -235.1 | 339.3 | 412.9 | 411.4 | 1.55 | 267.097 | | | |
| 700.0 | 699.9 | 690.4 | 690.4 | 1.2 | 0.6 | 93.28 | -236.0 | 338.4 | 412.9 | 411.1 | 1.82 | 227.004 | | | |
| 800.0 | 799.7 | 790.9 | 790.9 | 1.4 | 0.7 | 94.27 | -236.5 | 337.5 | 412.9 | 410.8 | 2.10 | 196.519 | | | |
| 810.8 | 810.5 | 801.8 | 801.8 | 1.4 | 0.7 | 94.39 | -236.5 | 337.4 | 412.9 | 410.7 | 2.13 | 193.587 | | | |
| 900.0 | 899.4 | 891.3 | 891.3 | 1.6 | 0.8 | 95.48 | -236.8 | 336.4 | 412.9 | 410.5 | 2.40 | 172.369 | | | |
| 1,000.0 | 998.9 | 990.6 | 990.6 | 1.8 | 0.9 | 96.91 | -237.1 | 335.4 | 413.3 | 410.6 | 2.71 | 152.786 | | | |
| 1,100.0 | 1,098.3 | 1,089.8 | 1,089.8 | 2.1 | 1.0 | 98.56 | -237.4 | 334.3 | 414.2 | 411.2 | 3.03 | 136.612 | | | |
| 1,200.0 | 1,197.4 | 1,188.8 | 1,188.7 | 2.3 | 1.0 | 100.40 | -237.5 | 333.5 | 415.8 | 412.4 | 3.38 | 123.094 | | | |
| 1,300.0 | 1,296.3 | 1,287.8 | 1,287.7 | 2.6 | 1.1 | 102.43 | -237.5 | 332.6 | 418.2 | 414.4 | 3.74 | 111.709 | | | |
| 1,400.0 | 1,394.9 | 1,385.4 | 1,385.3 | 2.9 | 1.2 | 104.62 | -237.6 | 331.8 | 421.6 | 417.5 | 4.13 | 102.157 | | | |
| 1,500.0 | 1,493.3 | 1,483.7 | 1,483.6 | 3.3 | 1.3 | 106.99 | -237.8 | 331.2 | 426.4 | 421.8 | 4.53 | 94.136 | | | |
| 1,600.0 | 1,591.2 | 1,581.4 | 1,581.3 | 3.6 | 1.4 | 109.49 | -238.0 | 330.5 | 432.4 | 427.5 | 4.95 | 87.420 | | | |
| 1,700.0 | 1,688.9 | 1,679.3 | 1,679.2 | 4.0 | 1.5 | 112.11 | -238.1 | 329.9 | 440.0 | 434.6 | 5.38 | 81.840 | | | |
| 1,800.0 | 1,786.1 | 1,777.0 | 1,776.9 | 4.5 | 1.6 | 114.80 | -238.2 | 329.2 | 449.2 | 443.3 | 5.82 | 77.237 | | | |
| 1,900.0 | 1,883.1 | 1,874.4 | 1,874.3 | 4.9 | 1.6 | 117.56 | -238.1 | 328.4 | 459.6 | 453.4 | 6.24 | 73.652 | | | |
| 2,000.0 | 1,980.2 | 1,972.7 | 1,972.7 | 5.3 | 1.7 | 120.22 | -237.9 | 327.6 | 471.0 | 464.4 | 6.65 | 70.800 | | | |
| 2,100.0 | 2,077.2 | 2,069.9 | 2,069.8 | 5.8 | 1.8 | 122.68 | -237.3 | 327.0 | 483.1 | 476.1 | 7.05 | 68.511 | | | |
| 2,200.0 | 2,174.2 | 2,167.0 | 2,166.9 | 6.2 | 1.9 | 125.02 | -236.8 | 326.5 | 496.2 | 488.7 | 7.44 | 66.720 | | | |
| 7,900.0 | 7,467.1 | 7,455.7 | 7,453.3 | 16.2 | 6.6 | 82.16 | -230.7 | 206.2 | 430.1 | 409.8 | 20.26 | 21.230 | | | |
| 8,000.0 | 7,471.0 | 7,459.7 | 7,457.3 | 16.3 | 6.6 | 89.43 | -230.7 | 206.1 | 358.3 | 337.8 | 20.52 | 17.464 | | | |
| 8,100.0 | 7,471.0 | 7,459.9 | 7,457.5 | 16.5 | 6.6 | 89.46 | -230.7 | 206.1 | 302.8 | 282.0 | 20.85 | 14.528 | | | |
| 8,200.0 | 7,471.0 | 7,460.0 | 7,457.6 | 17.0 | 6.6 | 89.50 | -230.7 | 206.1 | 273.9 | 252.5 | 21.37 | 12.815 | | | |
| 8,233.4 | 7,471.0 | 7,460.1 | 7,457.7 | 17.2 | 6.6 | 89.52 | -230.7 | 206.1 | 271.9 | 250.2 | 21.61 | 12.579 | CC, ES, SF | | |
| 8,300.0 | 7,471.0 | 7,460.2 | 7,457.8 | 17.6 | 6.6 | 89.54 | -230.7 | 206.1 | 279.9 | 257.8 | 22.08 | 12.674 | | | |
| 8,400.0 | 7,471.0 | 7,460.4 | 7,458.0 | 18.4 | 6.6 | 89.58 | -230.7 | 206.1 | 318.8 | 295.9 | 22.95 | 13.892 | | | |
| 8,500.0 | 7,471.0 | 7,460.6 | 7,458.2 | 19.3 | 6.6 | 89.62 | -230.7 | 206.1 | 380.7 | 356.8 | 23.95 | 15.897 | | | |
| 8,600.0 | 7,471.0 | 7,460.8 | 7,458.4 | 20.3 | 6.6 | 89.66 | -230.7 | 206.1 | 456.4 | 431.3 | 25.06 | 18.209 | | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 S10-T2N-R66W (lone) - lone #41-10 (Existing) - Existing - Existing | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|----------------------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| Survey Program: 8200-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 | | |
| 3,100.0 | 3,047.5 | 3,031.5 | 3,031.5 | 10.3 | 5.3 | 69.40 | 309.7 | 743.5 | 491.5 | 476.5 | 15.07 | 32.627 | | |
| 3,200.0 | 3,144.5 | 3,128.5 | 3,128.5 | 10.7 | 5.5 | 72.01 | 309.7 | 743.5 | 483.3 | 467.5 | 15.78 | 30.624 | | |
| 3,300.0 | 3,241.6 | 3,225.6 | 3,225.6 | 11.2 | 5.6 | 74.70 | 309.7 | 743.5 | 476.2 | 459.7 | 16.50 | 28.862 | | |
| 3,400.0 | 3,338.6 | 3,322.6 | 3,322.6 | 11.6 | 5.8 | 77.47 | 309.7 | 743.5 | 470.2 | 453.0 | 17.21 | 27.320 | | |
| 3,500.0 | 3,435.6 | 3,419.6 | 3,419.6 | 12.1 | 6.0 | 80.29 | 309.7 | 743.5 | 465.4 | 447.5 | 17.91 | 25.980 | | |
| 3,600.0 | 3,532.6 | 3,516.6 | 3,516.6 | 12.5 | 6.1 | 83.17 | 309.7 | 743.5 | 461.8 | 443.2 | 18.60 | 24.826 | | |
| 3,700.0 | 3,629.7 | 3,613.7 | 3,613.7 | 13.0 | 6.3 | 86.07 | 309.7 | 743.5 | 459.5 | 440.2 | 19.27 | 23.841 | | |
| 3,800.0 | 3,726.7 | 3,710.7 | 3,710.7 | 13.4 | 6.5 | 89.00 | 309.7 | 743.5 | 458.4 | 438.5 | 19.92 | 23.012 | | |
| 3,834.0 | 3,759.7 | 3,743.7 | 3,743.7 | 13.6 | 6.5 | 90.00 | 309.7 | 743.5 | 458.3 | 438.2 | 20.14 | 22.763 | | |
| 3,900.0 | 3,823.7 | 3,807.7 | 3,807.7 | 13.9 | 6.6 | 91.94 | 309.7 | 743.5 | 458.6 | 438.1 | 20.54 | 22.326 | | |
| 4,000.0 | 3,920.8 | 3,904.8 | 3,904.8 | 14.4 | 6.8 | 94.86 | 309.7 | 743.5 | 460.1 | 439.0 | 21.13 | 21.770 | | |
| 4,100.0 | 4,017.8 | 4,001.8 | 4,001.8 | 14.8 | 7.0 | 97.75 | 309.7 | 743.5 | 462.8 | 441.1 | 21.69 | 21.339 | | |
| 4,200.0 | 4,115.3 | 4,099.3 | 4,099.3 | 15.2 | 7.2 | 100.46 | 309.7 | 743.5 | 466.5 | 444.3 | 22.18 | 21.026 | | |
| 4,300.0 | 4,213.1 | 4,197.1 | 4,197.1 | 15.6 | 7.3 | 102.94 | 309.7 | 743.5 | 470.8 | 448.1 | 22.63 | 20.798 | | |
| 4,400.0 | 4,311.3 | 4,295.3 | 4,295.3 | 16.0 | 7.5 | 105.18 | 309.7 | 743.5 | 475.5 | 452.4 | 23.05 | 20.632 | | |
| 4,500.0 | 4,409.7 | 4,393.7 | 4,393.7 | 16.3 | 7.7 | 107.20 | 309.7 | 743.5 | 480.4 | 457.0 | 23.42 | 20.508 | | |
| 4,600.0 | 4,508.5 | 4,492.5 | 4,492.5 | 16.6 | 7.8 | 108.99 | 309.7 | 743.5 | 485.3 | 461.5 | 23.78 | 20.412 | | |
| 4,700.0 | 4,607.5 | 4,591.5 | 4,591.5 | 16.9 | 8.0 | 110.56 | 309.7 | 743.5 | 490.1 | 466.0 | 24.10 | 20.330 | | |
| 4,800.0 | 4,706.8 | 4,690.8 | 4,690.8 | 17.2 | 8.2 | 111.92 | 309.7 | 743.5 | 494.5 | 470.1 | 24.42 | 20.253 | | |
| 4,900.0 | 4,806.2 | 4,790.2 | 4,790.2 | 17.4 | 8.4 | 113.07 | 309.7 | 743.5 | 498.5 | 473.8 | 24.71 | 20.171 | | |
| 7,000.0 | 6,904.3 | 6,888.3 | 6,888.3 | 19.5 | 12.0 | -32.94 | 309.7 | 743.5 | 496.1 | 465.9 | 30.19 | 16.432 | | |
| 7,100.0 | 7,000.3 | 6,984.3 | 6,984.3 | 19.3 | 12.2 | -35.83 | 309.7 | 743.5 | 473.0 | 443.0 | 29.93 | 15.803 | | |
| 7,200.0 | 7,091.6 | 7,075.6 | 7,075.6 | 18.9 | 12.3 | -40.62 | 309.7 | 743.5 | 439.9 | 410.4 | 29.52 | 14.903 | | |
| 7,300.0 | 7,176.2 | 7,160.2 | 7,160.2 | 18.5 | 12.5 | -47.81 | 309.7 | 743.5 | 398.9 | 369.8 | 29.06 | 13.727 | | |
| 7,400.0 | 7,252.7 | 7,236.7 | 7,236.7 | 18.0 | 12.6 | -57.71 | 309.7 | 743.5 | 353.5 | 324.9 | 28.66 | 12.336 | | |
| 7,500.0 | 7,319.5 | 7,303.5 | 7,303.5 | 17.5 | 12.7 | -69.77 | 309.7 | 743.5 | 309.5 | 281.2 | 28.28 | 10.945 | | |
| 7,600.0 | 7,375.3 | 7,359.3 | 7,359.3 | 17.0 | 12.8 | -81.84 | 309.7 | 743.5 | 276.2 | 248.5 | 27.78 | 9.945 | | |
| 7,685.2 | 7,413.4 | 7,397.4 | 7,397.4 | 16.6 | 12.9 | -90.00 | 309.7 | 743.5 | 265.5 | 238.2 | 27.28 | 9.732 CC, ES, SF | | |
| 7,700.0 | 7,419.1 | 7,403.1 | 7,403.1 | 16.6 | 12.9 | -91.10 | 309.7 | 743.5 | 265.9 | 238.7 | 27.19 | 9.777 | | |
| 7,800.0 | 7,449.9 | 7,433.9 | 7,433.9 | 16.3 | 13.0 | -95.64 | 309.7 | 743.5 | 286.9 | 260.1 | 26.80 | 10.703 | | |
| 7,900.0 | 7,467.1 | 7,451.1 | 7,451.1 | 16.2 | 13.0 | -94.63 | 309.7 | 743.5 | 336.7 | 309.9 | 26.80 | 12.565 | | |
| 8,000.0 | 7,471.0 | 7,455.0 | 7,455.0 | 16.3 | 13.0 | -90.00 | 309.7 | 743.5 | 405.9 | 378.8 | 27.02 | 15.018 | | |
| 8,100.0 | 7,471.0 | 7,455.0 | 7,455.0 | 16.5 | 13.0 | -90.00 | 309.7 | 743.5 | 485.9 | 458.6 | 27.35 | 17.766 | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|--------------------------|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 100-Gyro | | | | | | | | | | | | | 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 | | |
| 11,600.0 | 7,471.0 | 7,488.0 | 7,486.2 | 66.9 | 6.6 | -94.22 | -4,027.8 | 616.4 | 452.4 | 379.6 | 72.75 | 6.218 | | | |
| 11,700.0 | 7,471.0 | 7,486.9 | 7,485.1 | 68.6 | 6.6 | -93.76 | -4,027.8 | 616.5 | 358.5 | 284.0 | 74.50 | 4.812 | | | |
| 11,800.0 | 7,471.0 | 7,485.7 | 7,484.0 | 70.3 | 6.6 | -93.29 | -4,027.9 | 616.5 | 269.1 | 192.8 | 76.24 | 3.529 | | | |
| 11,900.0 | 7,471.0 | 7,484.6 | 7,482.8 | 72.0 | 6.6 | -92.82 | -4,027.9 | 616.6 | 190.5 | 112.5 | 77.99 | 2.443 | | | |
| 12,000.0 | 7,471.0 | 7,483.4 | 7,481.7 | 73.7 | 6.6 | -92.34 | -4,027.9 | 616.6 | 142.0 | 62.3 | 79.73 | 1.781 | | | |
| 12,030.6 | 7,471.0 | 7,483.1 | 7,481.3 | 74.3 | 6.6 | -92.20 | -4,027.9 | 616.6 | 138.7 | 58.4 | 80.27 | 1.728 | CC, ES, SF | | |
| 12,061.6 | 7,471.0 | 7,482.7 | 7,481.0 | 74.8 | 6.6 | -92.05 | -4,027.9 | 616.6 | 142.1 | 61.3 | 80.81 | 1.759 | | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|------------------------|---------------------|---------------------|---------------------|----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 93-MWD | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | | | | | | | | | | | | | | |
| Offset | | | | | | | | | | | | | | | |
| Semi Major Axis | | | | | | | | | | | | | | | |
| Distance | | | | | | | | | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | | |
| 0.0 | 0.0 | 5.2 | 5.2 | 0.0 | 0.0 | 128.21 | -292.8 | 372.0 | 473.5 | | | | | | |
| 100.0 | 100.0 | 107.5 | 107.5 | 0.2 | 0.2 | 128.13 | -292.0 | 372.1 | 473.0 | 472.6 | 0.34 | 1,387.206 | | | |
| 126.1 | 126.1 | 131.1 | 131.1 | 0.2 | 0.2 | 128.09 | -291.8 | 372.2 | 472.9 | 472.5 | 0.43 | 1,105.524 | CC, ES | | |
| 200.0 | 200.0 | 197.7 | 197.6 | 0.3 | 0.3 | 127.99 | -291.4 | 373.1 | 473.5 | 472.8 | 0.67 | 703.951 | | | |
| 300.0 | 300.0 | 277.0 | 276.9 | 0.5 | 0.5 | 127.85 | -291.8 | 375.5 | 476.4 | 475.4 | 0.98 | 483.723 | | | |
| 400.0 | 400.0 | 367.0 | 366.8 | 0.7 | 0.7 | 127.65 | -293.7 | 380.7 | 482.4 | 481.0 | 1.32 | 366.407 | | | |
| 500.0 | 500.0 | 452.0 | 451.4 | 0.9 | 0.9 | 94.75 | -297.3 | 388.1 | 491.9 | 490.2 | 1.65 | 298.181 | SF | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 1A-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 0-MWD | | | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -89.95 | 0.0 | -41.9 | 41.9 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | -89.95 | 0.0 | -41.9 | 41.9 | 41.6 | 0.30 | 138.056 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -89.95 | 0.0 | -41.9 | 41.9 | 41.3 | 0.65 | 64.229 CC, ES | | |
| 300.0 | 300.0 | 299.4 | 299.4 | 0.5 | 0.5 | -89.29 | 0.5 | -42.6 | 42.6 | 41.6 | 1.00 | 42.571 | | |
| 400.0 | 400.0 | 398.7 | 398.7 | 0.7 | 0.7 | -87.41 | 2.0 | -44.7 | 44.8 | 43.4 | 1.35 | 33.097 | | |
| 500.0 | 500.0 | 497.9 | 497.8 | 0.9 | 0.9 | -118.23 | 4.5 | -48.2 | 48.9 | 47.2 | 1.70 | 28.742 | | |
| 600.0 | 600.0 | 597.0 | 596.6 | 1.0 | 1.1 | -117.35 | 8.0 | -53.1 | 55.4 | 53.3 | 2.06 | 26.905 | | |
| 700.0 | 699.9 | 695.7 | 695.1 | 1.2 | 1.3 | -117.25 | 12.4 | -59.4 | 64.1 | 61.7 | 2.42 | 26.471 SF | | |
| 800.0 | 799.7 | 794.0 | 793.0 | 1.4 | 1.5 | -117.67 | 17.8 | -67.0 | 75.1 | 72.3 | 2.80 | 26.853 | | |
| 900.0 | 899.4 | 891.9 | 890.3 | 1.6 | 1.7 | -118.37 | 24.1 | -76.0 | 88.4 | 85.2 | 3.19 | 27.725 | | |
| 1,000.0 | 998.9 | 989.3 | 986.8 | 1.8 | 2.0 | -119.18 | 31.4 | -86.2 | 104.0 | 100.4 | 3.60 | 28.890 | | |
| 1,100.0 | 1,098.3 | 1,086.1 | 1,082.6 | 2.1 | 2.3 | -120.01 | 39.5 | -97.7 | 121.9 | 117.8 | 4.03 | 30.219 | | |
| 1,200.0 | 1,197.4 | 1,182.2 | 1,177.4 | 2.3 | 2.6 | -120.80 | 48.6 | -110.5 | 142.0 | 137.5 | 4.49 | 31.630 | | |
| 1,300.0 | 1,296.3 | 1,277.5 | 1,271.2 | 2.6 | 2.9 | -121.53 | 58.4 | -124.4 | 164.4 | 159.4 | 4.97 | 33.063 | | |
| 1,400.0 | 1,394.9 | 1,372.0 | 1,363.9 | 2.9 | 3.3 | -122.17 | 69.1 | -139.4 | 189.1 | 183.6 | 5.48 | 34.482 | | |
| 1,500.0 | 1,493.3 | 1,465.6 | 1,455.4 | 3.3 | 3.7 | -122.74 | 80.5 | -155.5 | 215.9 | 209.9 | 6.02 | 35.863 | | |
| 1,600.0 | 1,591.2 | 1,558.3 | 1,545.6 | 3.6 | 4.1 | -123.23 | 92.6 | -172.7 | 245.0 | 238.4 | 6.59 | 37.189 | | |
| 1,700.0 | 1,688.9 | 1,650.0 | 1,634.5 | 4.0 | 4.5 | -123.65 | 105.5 | -190.9 | 276.2 | 269.0 | 7.18 | 38.453 | | |
| 1,800.0 | 1,786.1 | 1,742.3 | 1,723.8 | 4.5 | 4.9 | -124.03 | 119.2 | -210.2 | 309.4 | 301.6 | 7.81 | 39.633 | | |
| 1,900.0 | 1,883.1 | 1,836.3 | 1,814.6 | 4.9 | 5.3 | -124.69 | 133.2 | -230.0 | 343.4 | 334.9 | 8.46 | 40.589 | | |
| 2,000.0 | 1,980.2 | 1,930.3 | 1,905.4 | 5.3 | 5.8 | -125.23 | 147.3 | -249.9 | 377.3 | 368.2 | 9.12 | 41.380 | | |
| 2,100.0 | 2,077.2 | 2,024.3 | 1,996.2 | 5.8 | 6.2 | -125.68 | 161.4 | -269.8 | 411.3 | 401.5 | 9.78 | 42.045 | | |
| 2,200.0 | 2,174.2 | 2,118.3 | 2,087.0 | 6.2 | 6.7 | -126.07 | 175.4 | -289.6 | 445.3 | 434.8 | 10.45 | 42.608 | | |
| 2,300.0 | 2,271.3 | 2,212.3 | 2,177.8 | 6.7 | 7.2 | -126.39 | 189.5 | -309.5 | 479.3 | 468.1 | 11.12 | 43.092 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 1B-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 0-MWD | | | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -89.95 | 0.0 | -30.7 | 30.7 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | -89.95 | 0.0 | -30.7 | 30.7 | 30.4 | 0.30 | 101.241 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -89.95 | 0.0 | -30.7 | 30.7 | 30.1 | 0.65 | 47.101 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | -89.95 | 0.0 | -30.7 | 30.7 | 29.7 | 1.00 | 30.690 | CC, ES | |
| 400.0 | 400.0 | 399.6 | 399.6 | 0.7 | 0.7 | -88.81 | 0.7 | -31.3 | 31.4 | 30.0 | 1.35 | 23.208 | | |
| 500.0 | 500.0 | 499.2 | 499.1 | 0.9 | 0.9 | -119.60 | 2.5 | -33.1 | 33.7 | 32.0 | 1.70 | 19.786 | | |
| 600.0 | 600.0 | 598.6 | 598.5 | 1.0 | 1.0 | -118.50 | 5.7 | -36.1 | 38.1 | 36.1 | 2.06 | 18.530 | | |
| 700.0 | 699.9 | 697.9 | 697.6 | 1.2 | 1.2 | -118.12 | 10.0 | -40.3 | 44.7 | 42.3 | 2.42 | 18.454 | SF | |
| 800.0 | 799.7 | 796.9 | 796.3 | 1.4 | 1.4 | -118.22 | 15.6 | -45.6 | 53.4 | 50.6 | 2.80 | 19.061 | | |
| 900.0 | 899.4 | 895.5 | 894.5 | 1.6 | 1.7 | -118.59 | 22.5 | -52.0 | 64.1 | 60.9 | 3.19 | 20.073 | | |
| 1,000.0 | 998.9 | 993.8 | 992.1 | 1.8 | 1.9 | -119.08 | 30.5 | -59.6 | 77.0 | 73.4 | 3.61 | 21.319 | | |
| 1,100.0 | 1,098.3 | 1,091.7 | 1,089.1 | 2.1 | 2.2 | -119.59 | 39.6 | -68.3 | 91.9 | 87.9 | 4.05 | 22.685 | | |
| 1,200.0 | 1,197.4 | 1,189.0 | 1,185.4 | 2.3 | 2.5 | -120.08 | 49.9 | -78.1 | 109.0 | 104.4 | 4.52 | 24.098 | | |
| 1,300.0 | 1,296.3 | 1,285.7 | 1,280.9 | 2.6 | 2.8 | -120.53 | 61.4 | -89.0 | 128.0 | 123.0 | 5.02 | 25.508 | | |
| 1,400.0 | 1,394.9 | 1,381.8 | 1,375.4 | 2.9 | 3.1 | -120.92 | 73.9 | -100.8 | 149.1 | 143.6 | 5.55 | 26.881 | | |
| 1,500.0 | 1,493.3 | 1,477.2 | 1,469.0 | 3.3 | 3.4 | -121.26 | 87.4 | -113.7 | 172.3 | 166.2 | 6.11 | 28.197 | | |
| 1,600.0 | 1,591.2 | 1,571.9 | 1,561.5 | 3.6 | 3.8 | -121.54 | 102.0 | -127.5 | 197.5 | 190.7 | 6.71 | 29.445 | | |
| 1,700.0 | 1,688.9 | 1,665.8 | 1,652.9 | 4.0 | 4.2 | -121.78 | 117.5 | -142.3 | 224.6 | 217.3 | 7.34 | 30.618 | | |
| 1,800.0 | 1,786.1 | 1,758.8 | 1,743.1 | 4.5 | 4.6 | -121.96 | 134.0 | -157.9 | 253.7 | 245.7 | 8.00 | 31.716 | | |
| 1,900.0 | 1,883.1 | 1,852.8 | 1,833.9 | 4.9 | 5.1 | -122.27 | 151.6 | -174.5 | 284.1 | 275.4 | 8.69 | 32.699 | | |
| 2,000.0 | 1,980.2 | 1,948.0 | 1,925.9 | 5.3 | 5.5 | -122.50 | 169.4 | -191.5 | 314.6 | 305.3 | 9.39 | 33.505 | | |
| 2,100.0 | 2,077.2 | 2,043.2 | 2,017.9 | 5.8 | 5.9 | -122.69 | 187.3 | -208.5 | 345.2 | 335.1 | 10.10 | 34.175 | | |
| 2,200.0 | 2,174.2 | 2,138.4 | 2,109.8 | 6.2 | 6.4 | -122.85 | 205.2 | -225.4 | 375.7 | 364.9 | 10.82 | 34.740 | | |
| 2,300.0 | 2,271.3 | 2,233.7 | 2,201.8 | 6.7 | 6.9 | -122.99 | 223.1 | -242.4 | 406.3 | 394.7 | 11.53 | 35.222 | | |
| 2,400.0 | 2,368.3 | 2,328.9 | 2,293.8 | 7.1 | 7.3 | -123.11 | 240.9 | -259.4 | 436.8 | 424.6 | 12.26 | 35.636 | | |
| 2,500.0 | 2,465.3 | 2,424.1 | 2,385.8 | 7.5 | 7.8 | -123.21 | 258.8 | -276.3 | 467.4 | 454.4 | 12.98 | 35.996 | | |
| 2,600.0 | 2,562.3 | 2,519.3 | 2,477.7 | 8.0 | 8.2 | -123.30 | 276.7 | -293.3 | 497.9 | 484.2 | 13.71 | 36.312 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | | | | | | | | | | | | | | |
| Offset | | | | Semi Major Axis | | | Distance | | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -89.95 | 0.0 | -19.6 | 19.6 | | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | -89.95 | 0.0 | -19.6 | 19.6 | 19.3 | 0.30 | 64.426 | | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -89.95 | 0.0 | -19.6 | 19.6 | 18.9 | 0.65 | 29.974 | | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | -89.95 | 0.0 | -19.6 | 19.6 | 18.6 | 1.00 | 19.530 | | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | -89.95 | 0.0 | -19.6 | 19.6 | 18.2 | 1.35 | 14.483 CC, ES | | | |
| 500.0 | 500.0 | 499.9 | 499.9 | 0.9 | 0.9 | -122.45 | 0.8 | -19.9 | 20.4 | 18.7 | 1.70 | 11.979 | | | |
| 600.0 | 600.0 | 599.7 | 599.6 | 1.0 | 1.0 | -121.92 | 3.2 | -20.9 | 22.8 | 20.7 | 2.05 | 11.091 | | | |
| 700.0 | 699.9 | 699.4 | 699.3 | 1.2 | 1.2 | -121.25 | 7.2 | -22.6 | 26.8 | 24.4 | 2.42 | 11.089 SF | | | |
| 800.0 | 799.7 | 799.1 | 798.7 | 1.4 | 1.4 | -120.59 | 12.9 | -24.9 | 32.5 | 29.7 | 2.80 | 11.605 | | | |
| 900.0 | 899.4 | 898.5 | 897.9 | 1.6 | 1.6 | -120.00 | 20.0 | -27.9 | 39.7 | 36.5 | 3.20 | 12.426 | | | |
| 1,000.0 | 998.9 | 997.8 | 996.7 | 1.8 | 1.8 | -119.50 | 28.8 | -31.5 | 48.6 | 44.9 | 3.62 | 13.417 | | | |
| 1,100.0 | 1,098.3 | 1,096.9 | 1,095.1 | 2.1 | 2.1 | -119.10 | 39.1 | -35.8 | 59.0 | 54.9 | 4.07 | 14.491 | | | |
| 1,200.0 | 1,197.4 | 1,195.6 | 1,193.1 | 2.3 | 2.3 | -118.76 | 51.0 | -40.7 | 71.0 | 66.5 | 4.56 | 15.588 | | | |
| 1,300.0 | 1,296.3 | 1,294.1 | 1,290.5 | 2.6 | 2.6 | -118.47 | 64.3 | -46.2 | 84.7 | 79.6 | 5.08 | 16.667 | | | |
| 1,400.0 | 1,394.9 | 1,392.3 | 1,387.3 | 2.9 | 2.9 | -118.23 | 79.2 | -52.4 | 99.9 | 94.2 | 5.64 | 17.703 | | | |
| 1,500.0 | 1,493.3 | 1,490.0 | 1,483.5 | 3.3 | 3.2 | -118.01 | 95.5 | -59.1 | 116.6 | 110.4 | 6.24 | 18.681 | | | |
| 1,600.0 | 1,591.2 | 1,587.4 | 1,578.9 | 3.6 | 3.6 | -117.81 | 113.3 | -66.5 | 134.9 | 128.0 | 6.89 | 19.593 | | | |
| 1,700.0 | 1,688.9 | 1,684.3 | 1,673.6 | 4.0 | 4.0 | -117.63 | 132.4 | -74.4 | 154.8 | 147.2 | 7.57 | 20.436 | | | |
| 1,800.0 | 1,786.1 | 1,780.8 | 1,767.4 | 4.5 | 4.4 | -117.45 | 153.0 | -82.9 | 176.1 | 167.8 | 8.30 | 21.212 | | | |
| 1,900.0 | 1,883.1 | 1,878.0 | 1,861.8 | 4.9 | 4.8 | -117.40 | 174.7 | -91.9 | 198.4 | 189.3 | 9.06 | 21.905 | | | |
| 2,000.0 | 1,980.2 | 1,975.5 | 1,956.4 | 5.3 | 5.2 | -117.34 | 196.5 | -100.9 | 220.7 | 210.8 | 9.82 | 22.469 | | | |
| 2,100.0 | 2,077.2 | 2,073.0 | 2,051.0 | 5.8 | 5.6 | -117.30 | 218.3 | -110.0 | 242.9 | 232.4 | 10.59 | 22.936 | | | |
| 2,200.0 | 2,174.2 | 2,170.5 | 2,145.6 | 6.2 | 6.1 | -117.27 | 240.1 | -119.0 | 265.2 | 253.8 | 11.37 | 23.326 | | | |
| 2,300.0 | 2,271.3 | 2,267.9 | 2,240.2 | 6.7 | 6.5 | -117.24 | 261.8 | -128.0 | 287.5 | 275.3 | 12.15 | 23.658 | | | |
| 2,400.0 | 2,368.3 | 2,365.4 | 2,334.7 | 7.1 | 6.9 | -117.22 | 283.6 | -137.0 | 309.8 | 296.8 | 12.94 | 23.941 | | | |
| 2,500.0 | 2,465.3 | 2,462.9 | 2,429.3 | 7.5 | 7.4 | -117.19 | 305.4 | -146.1 | 332.0 | 318.3 | 13.73 | 24.187 | | | |
| 2,600.0 | 2,562.3 | 2,560.4 | 2,523.9 | 8.0 | 7.8 | -117.18 | 327.2 | -155.1 | 354.3 | 339.8 | 14.52 | 24.401 | | | |
| 2,700.0 | 2,659.4 | 2,657.9 | 2,618.5 | 8.4 | 8.2 | -117.16 | 349.0 | -164.1 | 376.6 | 361.3 | 15.32 | 24.589 | | | |
| 2,800.0 | 2,756.4 | 2,755.4 | 2,713.1 | 8.9 | 8.7 | -117.14 | 370.8 | -173.1 | 398.9 | 382.8 | 16.11 | 24.756 | | | |
| 2,900.0 | 2,853.4 | 2,852.9 | 2,807.7 | 9.4 | 9.1 | -117.13 | 392.6 | -182.2 | 421.1 | 404.2 | 16.91 | 24.904 | | | |
| 3,000.0 | 2,950.5 | 2,950.4 | 2,902.3 | 9.8 | 9.6 | -117.12 | 414.4 | -191.2 | 443.4 | 425.7 | 17.71 | 25.037 | | | |
| 3,100.0 | 3,047.5 | 3,047.8 | 2,996.9 | 10.3 | 10.0 | -117.11 | 436.2 | -200.2 | 465.7 | 447.2 | 18.51 | 25.157 | | | |
| 3,200.0 | 3,144.5 | 3,145.3 | 3,091.5 | 10.7 | 10.4 | -117.10 | 457.9 | -209.2 | 488.0 | 468.7 | 19.31 | 25.265 | | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | | | | | | | | | | | | | | |
| Offset | | | | Semi Major Axis | | | Distance | | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | -89.96 | 0.0 | -11.2 | 11.2 | | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | -89.96 | 0.0 | -11.2 | 11.2 | 10.9 | 0.30 | 36.815 | | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | -89.96 | 0.0 | -11.2 | 11.2 | 10.5 | 0.65 | 17.128 | | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | -89.96 | 0.0 | -11.2 | 11.2 | 10.2 | 1.00 | 11.160 | | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | -89.96 | 0.0 | -11.2 | 11.2 | 9.8 | 1.35 | 8.276 | CC, ES | | |
| 500.0 | 500.0 | 500.0 | 500.0 | 0.9 | 0.8 | -126.26 | 0.0 | -11.2 | 11.7 | 10.0 | 1.70 | 6.866 | | | |
| 600.0 | 600.0 | 600.0 | 600.0 | 1.0 | 1.0 | -131.73 | 0.9 | -11.1 | 13.1 | 11.1 | 2.05 | 6.398 | | | |
| 700.0 | 699.9 | 700.1 | 700.0 | 1.2 | 1.2 | -134.47 | 3.5 | -10.8 | 15.3 | 12.9 | 2.41 | 6.367 | | | |
| 800.0 | 799.7 | 800.1 | 800.0 | 1.4 | 1.4 | -135.15 | 7.8 | -10.2 | 18.2 | 15.4 | 2.77 | 6.568 | | | |
| 900.0 | 899.4 | 900.2 | 899.9 | 1.6 | 1.6 | -134.52 | 13.9 | -9.5 | 21.8 | 18.6 | 3.15 | 6.899 | | | |
| 1,000.0 | 998.9 | 1,000.2 | 999.6 | 1.8 | 1.8 | -133.17 | 21.7 | -8.6 | 26.0 | 22.4 | 3.56 | 7.301 | | | |
| 1,100.0 | 1,098.3 | 1,100.2 | 1,099.1 | 2.1 | 2.0 | -131.47 | 31.2 | -7.4 | 30.9 | 26.9 | 3.99 | 7.738 | | | |
| 1,200.0 | 1,197.4 | 1,200.2 | 1,198.5 | 2.3 | 2.2 | -129.67 | 42.4 | -6.1 | 36.5 | 32.0 | 4.46 | 8.182 | | | |
| 1,300.0 | 1,296.3 | 1,300.2 | 1,297.6 | 2.6 | 2.5 | -127.88 | 55.4 | -4.5 | 42.8 | 37.9 | 4.97 | 8.615 | | | |
| 1,400.0 | 1,394.9 | 1,400.1 | 1,396.4 | 2.9 | 2.8 | -126.18 | 70.1 | -2.8 | 49.9 | 44.4 | 5.53 | 9.025 | | | |
| 1,500.0 | 1,493.3 | 1,499.9 | 1,494.8 | 3.3 | 3.1 | -124.61 | 86.4 | -0.8 | 57.7 | 51.6 | 6.14 | 9.405 | | | |
| 1,600.0 | 1,591.2 | 1,599.7 | 1,593.0 | 3.6 | 3.4 | -123.15 | 104.5 | 1.4 | 66.3 | 59.5 | 6.80 | 9.751 | | | |
| 1,700.0 | 1,688.9 | 1,699.4 | 1,690.7 | 4.0 | 3.8 | -121.82 | 124.2 | 3.7 | 75.6 | 68.1 | 7.51 | 10.063 | | | |
| 1,800.0 | 1,786.1 | 1,799.0 | 1,787.9 | 4.5 | 4.2 | -120.61 | 145.6 | 6.3 | 85.7 | 77.4 | 8.29 | 10.342 | | | |
| 1,900.0 | 1,883.1 | 1,898.5 | 1,884.8 | 4.9 | 4.6 | -119.65 | 167.8 | 9.0 | 96.1 | 87.1 | 9.08 | 10.594 | | | |
| 2,000.0 | 1,980.2 | 1,997.9 | 1,981.7 | 5.3 | 5.0 | -118.88 | 190.0 | 11.6 | 106.6 | 96.7 | 9.88 | 10.796 | | | |
| 2,100.0 | 2,077.2 | 2,097.3 | 2,078.6 | 5.8 | 5.4 | -118.24 | 212.2 | 14.3 | 117.1 | 106.4 | 10.69 | 10.960 | | | |
| 2,200.0 | 2,174.2 | 2,196.8 | 2,175.5 | 6.2 | 5.8 | -117.71 | 234.4 | 17.0 | 127.6 | 116.1 | 11.50 | 11.095 | | | |
| 2,300.0 | 2,271.3 | 2,296.2 | 2,272.4 | 6.7 | 6.2 | -117.26 | 256.6 | 19.6 | 138.1 | 125.8 | 12.32 | 11.208 | | | |
| 2,400.0 | 2,368.3 | 2,395.7 | 2,369.3 | 7.1 | 6.6 | -116.88 | 278.8 | 22.3 | 148.7 | 135.5 | 13.15 | 11.304 | | | |
| 2,500.0 | 2,465.3 | 2,495.1 | 2,466.2 | 7.5 | 7.0 | -116.54 | 301.1 | 25.0 | 159.2 | 145.2 | 13.98 | 11.386 | | | |
| 2,600.0 | 2,562.3 | 2,594.5 | 2,563.1 | 8.0 | 7.4 | -116.25 | 323.3 | 27.7 | 169.7 | 154.9 | 14.81 | 11.456 | | | |
| 2,700.0 | 2,659.4 | 2,694.0 | 2,659.9 | 8.4 | 7.8 | -115.99 | 345.5 | 30.3 | 180.3 | 164.6 | 15.65 | 11.518 | | | |
| 2,800.0 | 2,756.4 | 2,793.4 | 2,756.8 | 8.9 | 8.2 | -115.76 | 367.7 | 33.0 | 190.8 | 174.3 | 16.49 | 11.572 | | | |
| 2,900.0 | 2,853.4 | 2,892.9 | 2,853.7 | 9.4 | 8.7 | -115.56 | 389.9 | 35.7 | 201.3 | 184.0 | 17.33 | 11.619 | | | |
| 3,000.0 | 2,950.5 | 2,992.3 | 2,950.6 | 9.8 | 9.1 | -115.37 | 412.1 | 38.3 | 211.9 | 193.7 | 18.17 | 11.662 | | | |
| 3,100.0 | 3,047.5 | 3,091.7 | 3,047.5 | 10.3 | 9.5 | -115.20 | 434.3 | 41.0 | 222.4 | 203.4 | 19.01 | 11.699 | | | |
| 3,200.0 | 3,144.5 | 3,191.2 | 3,144.4 | 10.7 | 9.9 | -115.05 | 456.5 | 43.7 | 233.0 | 213.1 | 19.86 | 11.733 | | | |
| 3,300.0 | 3,241.6 | 3,290.6 | 3,241.3 | 11.2 | 10.3 | -114.91 | 478.7 | 46.3 | 243.5 | 222.8 | 20.70 | 11.764 | | | |
| 3,400.0 | 3,338.6 | 3,390.1 | 3,338.2 | 11.6 | 10.8 | -114.78 | 500.9 | 49.0 | 254.1 | 232.5 | 21.55 | 11.792 | | | |
| 3,500.0 | 3,435.6 | 3,489.5 | 3,435.1 | 12.1 | 11.2 | -114.66 | 523.2 | 51.7 | 264.6 | 242.2 | 22.39 | 11.817 | | | |
| 3,600.0 | 3,532.6 | 3,588.9 | 3,532.0 | 12.5 | 11.6 | -114.56 | 545.4 | 54.3 | 275.2 | 251.9 | 23.24 | 11.840 | | | |
| 3,700.0 | 3,629.7 | 3,688.4 | 3,628.9 | 13.0 | 12.0 | -114.45 | 567.6 | 57.0 | 285.7 | 261.7 | 24.09 | 11.862 | | | |
| 3,800.0 | 3,726.7 | 3,787.8 | 3,725.8 | 13.4 | 12.5 | -114.36 | 589.8 | 59.7 | 296.3 | 271.4 | 24.94 | 11.881 | | | |
| 3,900.0 | 3,823.7 | 3,887.3 | 3,822.8 | 13.9 | 12.9 | -114.36 | 611.6 | 62.3 | 306.9 | 281.1 | 25.77 | 11.909 | | | |
| 4,000.0 | 3,920.8 | 3,986.8 | 3,920.2 | 14.4 | 13.2 | -114.66 | 631.7 | 64.7 | 317.4 | 290.8 | 26.54 | 11.957 | | | |
| 4,100.0 | 4,017.8 | 4,086.3 | 4,017.9 | 14.8 | 13.6 | -115.26 | 650.2 | 66.9 | 327.8 | 300.6 | 27.27 | 12.022 | | | |
| 4,200.0 | 4,115.3 | 4,185.7 | 4,115.9 | 15.2 | 13.9 | -115.92 | 667.0 | 68.9 | 337.7 | 309.7 | 27.93 | 12.088 | | | |
| 4,300.0 | 4,213.1 | 4,285.1 | 4,214.1 | 15.6 | 14.2 | -116.57 | 682.1 | 70.8 | 346.8 | 318.2 | 28.55 | 12.148 | | | |
| 4,400.0 | 4,311.3 | 4,384.5 | 4,312.6 | 16.0 | 14.5 | -117.22 | 695.5 | 72.4 | 355.2 | 326.1 | 29.10 | 12.204 | | | |
| 4,500.0 | 4,409.7 | 4,484.0 | 4,411.3 | 16.3 | 14.8 | -117.86 | 707.2 | 73.8 | 362.9 | 333.3 | 29.61 | 12.256 | | | |
| 4,600.0 | 4,508.5 | 4,583.4 | 4,510.2 | 16.6 | 15.0 | -118.49 | 717.2 | 75.0 | 369.9 | 339.8 | 30.06 | 12.305 | | | |
| 4,700.0 | 4,607.5 | 4,682.7 | 4,609.2 | 16.9 | 15.2 | -119.13 | 725.5 | 76.0 | 376.2 | 345.7 | 30.46 | 12.351 | | | |
| 4,800.0 | 4,706.8 | 4,782.1 | 4,708.4 | 17.2 | 15.4 | -119.78 | 732.0 | 76.8 | 381.8 | 351.0 | 30.80 | 12.394 | | | |
| 4,900.0 | 4,806.2 | 4,881.3 | 4,807.5 | 17.4 | 15.5 | -120.43 | 736.9 | 77.3 | 386.6 | 355.5 | 31.09 | 12.435 | | | |
| 5,000.0 | 4,905.8 | 4,980.6 | 4,906.7 | 17.6 | 15.7 | -121.10 | 740.1 | 77.7 | 390.8 | 359.5 | 31.33 | 12.473 | | | |
| 5,100.0 | 5,005.6 | 5,079.8 | 5,005.9 | 17.8 | 15.8 | -121.78 | 741.5 | 77.9 | 394.3 | 362.8 | 31.52 | 12.509 | | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 S10-T2N-R66W (lone) - lone 1D-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|----------------------------------------------------------------|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|-----------------------------------------|---------------|----------------------------|-----------------------------|------------------------------|----------------------|--------------------|--------|
| Survey Program: 0-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 | 5,105.5 | 5,179.4 | 5,105.5 | 17.9 | 15.9 | -122.42 | 741.7 | 77.9 | 397.1 | 365.4 | 31.68 | 12.533 | | |
| 5,300.0 | 5,205.4 | 5,279.3 | 5,205.4 | 18.1 | 16.0 | -122.86 | 741.7 | 77.9 | 399.0 | 367.1 | 31.85 | 12.526 | | |
| 5,400.0 | 5,305.4 | 5,379.3 | 5,305.4 | 18.2 | 16.1 | -123.08 | 741.7 | 77.9 | 399.9 | 367.9 | 32.03 | 12.485 | | |
| 5,500.0 | 5,405.4 | 5,479.3 | 5,405.4 | 18.3 | 16.2 | -90.41 | 741.7 | 77.9 | 400.1 | 367.8 | 32.23 | 12.411 | | |
| 5,600.0 | 5,505.4 | 5,579.3 | 5,505.4 | 18.4 | 16.3 | -90.41 | 741.7 | 77.9 | 400.1 | 367.6 | 32.44 | 12.332 | | |
| 5,700.0 | 5,605.4 | 5,679.3 | 5,605.4 | 18.4 | 16.4 | -90.41 | 741.7 | 77.9 | 400.1 | 367.4 | 32.65 | 12.252 | | |
| 5,800.0 | 5,705.4 | 5,779.3 | 5,705.4 | 18.5 | 16.5 | -90.41 | 741.7 | 77.9 | 400.1 | 367.2 | 32.87 | 12.173 | | |
| 5,900.0 | 5,805.4 | 5,879.3 | 5,805.4 | 18.6 | 16.6 | -90.41 | 741.7 | 77.9 | 400.1 | 367.0 | 33.08 | 12.093 | | |
| 6,000.0 | 5,905.4 | 5,979.3 | 5,905.4 | 18.7 | 16.7 | -90.41 | 741.7 | 77.9 | 400.1 | 366.8 | 33.30 | 12.014 | | |
| 6,100.0 | 6,005.4 | 6,079.3 | 6,005.4 | 18.8 | 16.8 | -90.41 | 741.7 | 77.9 | 400.1 | 366.5 | 33.52 | 11.936 | | |
| 6,200.0 | 6,105.4 | 6,179.3 | 6,105.4 | 18.9 | 16.9 | -90.41 | 741.7 | 77.9 | 400.1 | 366.3 | 33.74 | 11.857 | | |
| 6,300.0 | 6,205.4 | 6,279.3 | 6,205.4 | 19.0 | 17.0 | -90.41 | 741.7 | 77.9 | 400.1 | 366.1 | 33.96 | 11.779 | | |
| 6,400.0 | 6,305.4 | 6,379.3 | 6,305.4 | 19.1 | 17.1 | -90.41 | 741.7 | 77.9 | 400.1 | 365.9 | 34.19 | 11.701 | | |
| 6,500.0 | 6,405.4 | 6,479.3 | 6,405.4 | 19.2 | 17.2 | -90.41 | 741.7 | 77.9 | 400.1 | 365.6 | 34.42 | 11.623 | | |
| 6,600.0 | 6,505.4 | 6,579.3 | 6,505.4 | 19.3 | 17.4 | -90.41 | 741.7 | 77.9 | 400.1 | 365.4 | 34.65 | 11.546 | | |
| 6,623.8 | 6,529.2 | 6,603.1 | 6,529.2 | 19.4 | 17.4 | -90.41 | 741.7 | 77.9 | 400.1 | 365.4 | 34.70 | 11.528 | | |
| 6,700.0 | 6,605.4 | 6,678.7 | 6,604.7 | 19.4 | 17.4 | -90.95 | 737.8 | 77.9 | 400.1 | 365.4 | 34.72 | 11.523 | | |
| 6,800.0 | 6,705.4 | 6,775.3 | 6,699.8 | 19.5 | 17.3 | -93.30 | 721.4 | 77.9 | 400.7 | 366.4 | 34.37 | 11.659 | | |
| 6,900.0 | 6,805.3 | 6,866.5 | 6,786.8 | 19.6 | 17.0 | 82.94 | 694.3 | 77.9 | 403.4 | 369.8 | 33.61 | 12.001 | | |
| 7,000.0 | 6,904.3 | 6,954.3 | 6,866.7 | 19.5 | 16.6 | 79.10 | 658.0 | 77.9 | 408.0 | 375.4 | 32.56 | 12.532 | | |
| 7,100.0 | 7,000.3 | 7,039.7 | 6,939.5 | 19.3 | 16.2 | 75.55 | 613.6 | 77.9 | 414.0 | 382.6 | 31.35 | 13.206 | | |
| 7,200.0 | 7,091.6 | 7,122.8 | 7,004.9 | 18.9 | 15.7 | 72.34 | 562.3 | 77.9 | 420.9 | 390.8 | 30.09 | 13.988 | | |
| 7,300.0 | 7,176.2 | 7,200.0 | 7,059.9 | 18.5 | 15.3 | 69.61 | 508.2 | 77.9 | 428.3 | 399.4 | 28.90 | 14.820 | | |
| 7,400.0 | 7,252.7 | 7,284.2 | 7,112.9 | 18.0 | 14.8 | 67.06 | 442.8 | 77.9 | 435.5 | 407.8 | 27.71 | 15.715 | | |
| 7,500.0 | 7,319.5 | 7,363.0 | 7,155.1 | 17.5 | 14.3 | 65.01 | 376.4 | 77.9 | 442.2 | 415.5 | 26.71 | 16.559 | | |
| 7,600.0 | 7,375.3 | 7,440.8 | 7,189.5 | 17.0 | 14.0 | 63.37 | 306.6 | 77.9 | 448.1 | 422.3 | 25.89 | 17.310 | | |
| 7,700.0 | 7,419.1 | 7,517.9 | 7,215.9 | 16.6 | 13.7 | 62.13 | 234.1 | 78.0 | 452.9 | 427.6 | 25.30 | 17.898 | | |
| 7,800.0 | 7,449.9 | 7,600.0 | 7,235.3 | 16.3 | 13.5 | 61.25 | 154.4 | 78.0 | 456.3 | 431.3 | 24.97 | 18.273 | | |
| 7,900.0 | 7,467.1 | 7,670.9 | 7,244.6 | 16.2 | 13.5 | 60.83 | 84.2 | 78.0 | 458.1 | 433.2 | 24.95 | 18.358 | | |
| 8,000.0 | 7,471.0 | 7,752.5 | 7,247.0 | 16.3 | 13.6 | 60.75 | 2.7 | 78.0 | 458.4 | 433.2 | 25.23 | 18.167 | | |
| 8,100.0 | 7,471.0 | 7,852.5 | 7,247.0 | 16.5 | 13.9 | 60.75 | -97.3 | 78.0 | 458.4 | 432.6 | 25.88 | 17.711 | | |
| 8,200.0 | 7,471.0 | 7,952.5 | 7,247.0 | 17.0 | 14.5 | 60.75 | -197.3 | 78.0 | 458.4 | 431.6 | 26.86 | 17.069 | | |
| 8,300.0 | 7,471.0 | 8,052.5 | 7,247.0 | 17.6 | 15.2 | 60.75 | -297.3 | 78.0 | 458.4 | 430.3 | 28.13 | 16.294 | | |
| 8,400.0 | 7,471.0 | 8,152.5 | 7,247.0 | 18.4 | 16.1 | 60.75 | -397.3 | 78.0 | 458.4 | 428.8 | 29.67 | 15.449 | | |
| 8,500.0 | 7,471.0 | 8,252.5 | 7,247.0 | 19.3 | 17.1 | 60.75 | -497.3 | 78.0 | 458.4 | 427.0 | 31.44 | 14.582 | | |
| 8,600.0 | 7,471.0 | 8,352.5 | 7,247.0 | 20.3 | 18.2 | 60.75 | -597.3 | 78.0 | 458.4 | 425.0 | 33.39 | 13.729 | | |
| 8,700.0 | 7,471.0 | 8,452.5 | 7,247.0 | 21.4 | 19.5 | 60.75 | -697.3 | 78.0 | 458.4 | 422.9 | 35.50 | 12.913 | | |
| 8,800.0 | 7,471.0 | 8,552.5 | 7,247.0 | 22.6 | 20.8 | 60.75 | -797.3 | 78.0 | 458.4 | 420.7 | 37.74 | 12.146 | | |
| 8,900.0 | 7,471.0 | 8,652.5 | 7,247.0 | 23.9 | 22.1 | 60.75 | -897.3 | 78.0 | 458.4 | 418.3 | 40.09 | 11.433 | | |
| 9,000.0 | 7,471.0 | 8,752.5 | 7,247.0 | 25.2 | 23.5 | 60.75 | -997.3 | 78.0 | 458.4 | 415.9 | 42.54 | 10.777 | | |
| 9,100.0 | 7,471.0 | 8,852.5 | 7,247.0 | 26.6 | 25.0 | 60.75 | -1,097.3 | 78.1 | 458.4 | 413.3 | 45.06 | 10.174 | | |
| 9,200.0 | 7,471.0 | 8,952.5 | 7,247.0 | 28.0 | 26.5 | 60.75 | -1,197.3 | 78.1 | 458.4 | 410.7 | 47.64 | 9.622 | | |
| 9,300.0 | 7,471.0 | 9,052.5 | 7,247.0 | 29.4 | 28.0 | 60.75 | -1,297.3 | 78.1 | 458.4 | 408.1 | 50.28 | 9.117 | | |
| 9,400.0 | 7,471.0 | 9,152.5 | 7,247.0 | 30.9 | 29.5 | 60.75 | -1,397.3 | 78.1 | 458.4 | 405.4 | 52.96 | 8.655 | | |
| 9,500.0 | 7,471.0 | 9,252.5 | 7,247.0 | 32.4 | 31.1 | 60.75 | -1,497.3 | 78.1 | 458.4 | 402.7 | 55.68 | 8.232 | | |
| 9,600.0 | 7,471.0 | 9,352.5 | 7,247.0 | 33.9 | 32.7 | 60.75 | -1,597.3 | 78.1 | 458.4 | 399.9 | 58.44 | 7.843 | | |
| 9,700.0 | 7,471.0 | 9,452.5 | 7,247.0 | 35.5 | 34.3 | 60.75 | -1,697.3 | 78.1 | 458.4 | 397.1 | 61.23 | 7.486 | | |
| 9,800.0 | 7,471.0 | 9,552.5 | 7,247.0 | 37.1 | 35.9 | 60.74 | -1,797.3 | 78.1 | 458.4 | 394.3 | 64.04 | 7.157 | | |
| 9,900.0 | 7,471.0 | 9,652.5 | 7,247.0 | 38.7 | 37.6 | 60.74 | -1,897.3 | 78.1 | 458.4 | 391.5 | 66.88 | 6.854 | | |
| 10,000.0 | 7,471.0 | 9,752.5 | 7,247.0 | 40.3 | 39.2 | 60.74 | -1,997.3 | 78.1 | 458.3 | 388.6 | 69.73 | 6.573 | | |
| 10,100.0 | 7,471.0 | 9,852.5 | 7,247.0 | 41.9 | 40.9 | 60.74 | -2,097.3 | 78.1 | 458.3 | 385.7 | 72.60 | 6.313 | | |
| 10,200.0 | 7,471.0 | 9,952.5 | 7,247.0 | 43.5 | 42.5 | 60.74 | -2,197.3 | 78.1 | 458.3 | 382.8 | 75.49 | 6.072 | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 S10-T2N-R66W (lone) - lone 1D-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|----------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | | |
| 10,300.0 | 7,471.0 | 10,052.5 | 7,247.0 | 45.1 | 44.2 | 60.74 | -2,297.3 | 78.1 | 458.3 | 379.9 | 78.39 | 5.847 | | |
| 10,400.0 | 7,471.0 | 10,152.5 | 7,247.0 | 46.8 | 45.8 | 60.74 | -2,397.3 | 78.1 | 458.3 | 377.0 | 81.30 | 5.637 | | |
| 10,500.0 | 7,471.0 | 10,252.5 | 7,247.0 | 48.4 | 47.5 | 60.74 | -2,497.3 | 78.2 | 458.3 | 374.1 | 84.23 | 5.442 | | |
| 10,600.0 | 7,471.0 | 10,352.5 | 7,247.0 | 50.1 | 49.2 | 60.74 | -2,597.3 | 78.2 | 458.3 | 371.2 | 87.16 | 5.258 | | |
| 10,700.0 | 7,471.0 | 10,452.5 | 7,247.0 | 51.7 | 50.9 | 60.74 | -2,697.3 | 78.2 | 458.3 | 368.2 | 90.10 | 5.087 | | |
| 10,800.0 | 7,471.0 | 10,552.5 | 7,247.0 | 53.4 | 52.6 | 60.74 | -2,797.3 | 78.2 | 458.3 | 365.3 | 93.05 | 4.925 | | |
| 10,900.0 | 7,471.0 | 10,652.5 | 7,247.0 | 55.1 | 54.3 | 60.74 | -2,897.3 | 78.2 | 458.3 | 362.3 | 96.01 | 4.773 | | |
| 11,000.0 | 7,471.0 | 10,752.5 | 7,247.0 | 56.8 | 56.0 | 60.74 | -2,997.3 | 78.2 | 458.3 | 359.3 | 98.97 | 4.630 | | |
| 11,100.0 | 7,471.0 | 10,852.5 | 7,247.0 | 58.4 | 57.7 | 60.74 | -3,097.3 | 78.2 | 458.3 | 356.3 | 101.94 | 4.496 | | |
| 11,200.0 | 7,471.0 | 10,952.5 | 7,247.0 | 60.1 | 59.4 | 60.74 | -3,197.3 | 78.2 | 458.3 | 353.4 | 104.92 | 4.368 | | |
| 11,300.0 | 7,471.0 | 11,052.5 | 7,247.0 | 61.8 | 61.1 | 60.74 | -3,297.3 | 78.2 | 458.3 | 350.4 | 107.90 | 4.247 | | |
| 11,400.0 | 7,471.0 | 11,152.5 | 7,247.0 | 63.5 | 62.8 | 60.74 | -3,397.3 | 78.2 | 458.3 | 347.4 | 110.88 | 4.133 | | |
| 11,500.0 | 7,471.0 | 11,252.5 | 7,247.0 | 65.2 | 64.5 | 60.74 | -3,497.3 | 78.2 | 458.3 | 344.4 | 113.87 | 4.024 | | |
| 11,600.0 | 7,471.0 | 11,352.5 | 7,247.0 | 66.9 | 66.3 | 60.74 | -3,597.3 | 78.2 | 458.3 | 341.4 | 116.87 | 3.921 | | |
| 11,700.0 | 7,471.0 | 11,452.5 | 7,247.0 | 68.6 | 68.0 | 60.74 | -3,697.3 | 78.2 | 458.3 | 338.4 | 119.86 | 3.823 | | |
| 11,800.0 | 7,471.0 | 11,552.5 | 7,247.0 | 70.3 | 69.7 | 60.74 | -3,797.3 | 78.3 | 458.3 | 335.4 | 122.87 | 3.730 | | |
| 11,900.0 | 7,471.0 | 11,652.5 | 7,247.0 | 72.0 | 71.4 | 60.74 | -3,897.3 | 78.3 | 458.2 | 332.4 | 125.87 | 3.641 | | |
| 12,000.0 | 7,471.0 | 11,752.5 | 7,247.0 | 73.7 | 73.1 | 60.74 | -3,997.3 | 78.3 | 458.2 | 329.4 | 128.88 | 3.556 | | |
| 12,061.6 | 7,471.0 | 11,814.1 | 7,247.0 | 74.8 | 74.2 | 60.74 | -4,058.9 | 78.3 | 458.2 | 327.5 | 130.73 | 3.505 SF | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 S10-T2N-R66W (lone) - lone 1F-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|----------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90.06 | 0.0 | 8.4 | 8.4 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 90.06 | 0.0 | 8.4 | 8.4 | 8.1 | 0.30 | 27.611 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 90.06 | 0.0 | 8.4 | 8.4 | 7.7 | 0.65 | 12.846 | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 90.06 | 0.0 | 8.4 | 8.4 | 7.4 | 1.00 | 8.370 | CC, ES | |
| 400.0 | 400.0 | 399.9 | 399.9 | 0.7 | 0.7 | 86.46 | 0.6 | 9.0 | 9.1 | 7.7 | 1.35 | 6.710 | | |
| 500.0 | 500.0 | 499.7 | 499.7 | 0.9 | 0.9 | 49.05 | 2.3 | 11.0 | 10.7 | 9.0 | 1.70 | 6.270 | | |
| 600.0 | 600.0 | 599.5 | 599.4 | 1.0 | 1.0 | 47.40 | 5.1 | 14.3 | 12.6 | 10.6 | 2.05 | 6.149 | | |
| 700.0 | 699.9 | 699.3 | 699.0 | 1.2 | 1.2 | 47.72 | 9.1 | 18.9 | 14.9 | 12.5 | 2.41 | 6.179 | | |
| 800.0 | 799.7 | 799.0 | 798.4 | 1.4 | 1.4 | 49.22 | 14.2 | 24.9 | 17.5 | 14.7 | 2.79 | 6.290 | | |
| 900.0 | 899.4 | 898.7 | 897.6 | 1.6 | 1.7 | 51.38 | 20.4 | 32.1 | 20.5 | 17.3 | 3.18 | 6.447 | | |
| 1,000.0 | 998.9 | 998.3 | 996.6 | 1.8 | 1.9 | 53.84 | 27.7 | 40.6 | 23.8 | 20.2 | 3.59 | 6.625 | | |
| 1,100.0 | 1,098.3 | 1,097.9 | 1,095.3 | 2.1 | 2.2 | 56.40 | 36.2 | 50.4 | 27.5 | 23.5 | 4.04 | 6.807 | | |
| 1,200.0 | 1,197.4 | 1,197.4 | 1,193.8 | 2.3 | 2.5 | 58.93 | 45.7 | 61.6 | 31.7 | 27.1 | 4.54 | 6.981 | | |
| 1,300.0 | 1,296.3 | 1,296.9 | 1,291.9 | 2.6 | 2.8 | 61.34 | 56.4 | 74.0 | 36.3 | 31.2 | 5.08 | 7.140 | | |
| 1,400.0 | 1,394.9 | 1,396.3 | 1,389.6 | 2.9 | 3.1 | 63.60 | 68.2 | 87.7 | 41.3 | 35.6 | 5.67 | 7.280 | | |
| 1,500.0 | 1,493.3 | 1,495.6 | 1,487.0 | 3.3 | 3.5 | 65.69 | 81.0 | 102.6 | 46.8 | 40.5 | 6.32 | 7.400 | | |
| 1,600.0 | 1,591.2 | 1,594.9 | 1,583.9 | 3.6 | 3.9 | 67.61 | 95.0 | 118.8 | 52.8 | 45.7 | 7.03 | 7.502 | | |
| 1,700.0 | 1,688.9 | 1,694.1 | 1,680.3 | 4.0 | 4.3 | 69.36 | 110.0 | 136.3 | 59.2 | 51.4 | 7.80 | 7.586 | | |
| 1,800.0 | 1,786.1 | 1,793.2 | 1,776.3 | 4.5 | 4.8 | 70.96 | 126.1 | 155.1 | 66.1 | 57.5 | 8.63 | 7.656 | | |
| 1,900.0 | 1,883.1 | 1,892.2 | 1,871.8 | 4.9 | 5.3 | 71.84 | 143.3 | 175.0 | 73.8 | 64.3 | 9.48 | 7.779 | | |
| 2,000.0 | 1,980.2 | 1,991.0 | 1,966.6 | 5.3 | 5.8 | 71.56 | 161.5 | 196.2 | 82.4 | 72.1 | 10.31 | 7.991 | | |
| 2,100.0 | 2,077.2 | 2,090.5 | 2,061.8 | 5.8 | 6.3 | 70.81 | 180.5 | 218.3 | 91.6 | 80.5 | 11.12 | 8.237 | | |
| 2,200.0 | 2,174.2 | 2,190.1 | 2,157.0 | 6.2 | 6.8 | 70.20 | 199.5 | 240.3 | 100.8 | 88.9 | 11.94 | 8.448 | | |
| 2,300.0 | 2,271.3 | 2,289.7 | 2,252.2 | 6.7 | 7.4 | 69.69 | 218.5 | 262.4 | 110.1 | 97.3 | 12.75 | 8.630 | | |
| 2,400.0 | 2,368.3 | 2,389.2 | 2,347.4 | 7.1 | 7.9 | 69.26 | 237.5 | 284.5 | 119.3 | 105.7 | 13.58 | 8.788 | | |
| 2,500.0 | 2,465.3 | 2,488.8 | 2,442.6 | 7.5 | 8.4 | 68.89 | 256.4 | 306.5 | 128.6 | 114.2 | 14.40 | 8.928 | | |
| 2,600.0 | 2,562.3 | 2,588.4 | 2,537.8 | 8.0 | 9.0 | 68.57 | 275.4 | 328.6 | 137.8 | 122.6 | 15.23 | 9.051 | | |
| 2,700.0 | 2,659.4 | 2,688.0 | 2,633.1 | 8.4 | 9.5 | 68.29 | 294.4 | 350.7 | 147.1 | 131.0 | 16.06 | 9.160 | | |
| 2,800.0 | 2,756.4 | 2,787.5 | 2,728.3 | 8.9 | 10.0 | 68.04 | 313.4 | 372.7 | 156.3 | 139.4 | 16.89 | 9.259 | | |
| 2,900.0 | 2,853.4 | 2,887.1 | 2,823.5 | 9.4 | 10.6 | 67.82 | 332.4 | 394.8 | 165.6 | 147.9 | 17.72 | 9.347 | | |
| 3,000.0 | 2,950.5 | 2,986.7 | 2,918.7 | 9.8 | 11.1 | 67.62 | 351.4 | 416.9 | 174.9 | 156.3 | 18.55 | 9.427 | | |
| 3,100.0 | 3,047.5 | 3,086.2 | 3,013.9 | 10.3 | 11.7 | 67.45 | 370.3 | 439.0 | 184.1 | 164.7 | 19.38 | 9.500 | | |
| 3,200.0 | 3,144.5 | 3,185.8 | 3,109.1 | 10.7 | 12.2 | 67.29 | 389.3 | 461.0 | 193.4 | 173.2 | 20.22 | 9.566 | | |
| 3,300.0 | 3,241.6 | 3,285.4 | 3,204.4 | 11.2 | 12.7 | 67.14 | 408.3 | 483.1 | 202.7 | 181.6 | 21.05 | 9.627 | | |
| 3,400.0 | 3,338.6 | 3,384.9 | 3,299.6 | 11.6 | 13.3 | 67.01 | 427.3 | 505.2 | 211.9 | 190.0 | 21.89 | 9.683 | | |
| 3,500.0 | 3,435.6 | 3,484.5 | 3,394.8 | 12.1 | 13.8 | 66.89 | 446.3 | 527.2 | 221.2 | 198.5 | 22.72 | 9.735 | | |
| 3,600.0 | 3,532.6 | 3,584.1 | 3,490.0 | 12.5 | 14.4 | 66.78 | 465.3 | 549.3 | 230.5 | 206.9 | 23.56 | 9.782 | | |
| 3,700.0 | 3,629.7 | 3,683.6 | 3,585.2 | 13.0 | 14.9 | 66.68 | 484.2 | 571.4 | 239.8 | 215.4 | 24.40 | 9.827 | | |
| 3,800.0 | 3,726.7 | 3,783.2 | 3,680.4 | 13.4 | 15.5 | 66.58 | 503.2 | 593.4 | 249.0 | 223.8 | 25.24 | 9.868 | | |
| 3,900.0 | 3,823.7 | 3,882.8 | 3,775.7 | 13.9 | 16.0 | 66.49 | 522.2 | 615.5 | 258.3 | 232.2 | 26.08 | 9.906 | | |
| 4,000.0 | 3,920.8 | 3,982.3 | 3,870.9 | 14.4 | 16.6 | 66.41 | 541.2 | 637.6 | 267.6 | 240.7 | 26.91 | 9.942 | | |
| 4,100.0 | 4,017.8 | 4,081.9 | 3,966.1 | 14.8 | 17.1 | 66.34 | 560.2 | 659.7 | 276.9 | 249.2 | 27.74 | 9.982 | | |
| 4,200.0 | 4,115.3 | 4,181.4 | 4,061.2 | 15.2 | 17.6 | 66.04 | 579.1 | 681.7 | 286.9 | 258.4 | 28.49 | 10.072 | | |
| 4,300.0 | 4,213.1 | 4,283.2 | 4,158.8 | 15.6 | 18.2 | 65.51 | 598.3 | 703.9 | 297.3 | 268.2 | 29.14 | 10.203 | | |
| 4,400.0 | 4,311.3 | 4,386.2 | 4,257.9 | 16.0 | 18.7 | 64.96 | 616.5 | 725.1 | 307.4 | 277.7 | 29.74 | 10.336 | | |
| 4,500.0 | 4,409.7 | 4,489.4 | 4,357.7 | 16.3 | 19.2 | 64.40 | 633.6 | 745.0 | 317.0 | 286.8 | 30.28 | 10.470 | | |
| 4,600.0 | 4,508.5 | 4,592.9 | 4,458.2 | 16.6 | 19.6 | 63.84 | 649.6 | 763.6 | 326.3 | 295.5 | 30.77 | 10.604 | | |
| 4,700.0 | 4,607.5 | 4,696.5 | 4,559.3 | 16.9 | 20.1 | 63.25 | 664.4 | 780.8 | 335.1 | 303.9 | 31.20 | 10.741 | | |
| 4,800.0 | 4,706.8 | 4,800.3 | 4,661.0 | 17.2 | 20.5 | 62.66 | 678.0 | 796.6 | 343.5 | 311.9 | 31.57 | 10.880 | | |
| 4,900.0 | 4,806.2 | 4,904.3 | 4,763.2 | 17.4 | 20.8 | 62.05 | 690.4 | 811.1 | 351.5 | 319.6 | 31.89 | 11.021 | | |
| 5,000.0 | 4,905.8 | 5,008.5 | 4,865.9 | 17.6 | 21.2 | 61.42 | 701.7 | 824.2 | 359.1 | 326.9 | 32.16 | 11.166 | | |
| 5,100.0 | 5,005.6 | 5,112.8 | 4,969.2 | 17.8 | 21.5 | 60.78 | 711.7 | 835.9 | 366.3 | 333.9 | 32.37 | 11.315 | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft | |
|-----------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | | 0.0 ft |
| Reference | | | | | | | | | | | | | | | |
| Offset | | | | Semi Major Axis | | | Distance | | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | | |
| 5,200.0 | 5,105.5 | 5,217.4 | 5,072.8 | 17.9 | 21.7 | 60.11 | 720.6 | 846.2 | 373.1 | 340.5 | 32.53 | 11.467 | | | |
| 5,300.0 | 5,205.4 | 5,322.1 | 5,176.9 | 18.1 | 22.0 | 59.43 | 728.2 | 855.0 | 379.5 | 346.8 | 32.64 | 11.624 | | | |
| 5,400.0 | 5,305.4 | 5,426.9 | 5,281.3 | 18.2 | 22.2 | 58.72 | 734.6 | 862.4 | 385.5 | 352.8 | 32.71 | 11.786 | | | |
| 5,500.0 | 5,405.4 | 5,532.0 | 5,386.0 | 18.3 | 22.4 | 90.70 | 739.7 | 868.4 | 391.0 | 358.2 | 32.74 | 11.943 | | | |
| 5,600.0 | 5,505.4 | 5,637.3 | 5,491.1 | 18.4 | 22.5 | 90.13 | 743.6 | 872.9 | 395.2 | 362.4 | 32.80 | 12.049 | | | |
| 5,700.0 | 5,605.4 | 5,742.8 | 5,596.5 | 18.4 | 22.7 | 89.75 | 746.3 | 876.0 | 398.1 | 365.2 | 32.92 | 12.095 | | | |
| 5,800.0 | 5,705.4 | 5,848.3 | 5,702.1 | 18.5 | 22.8 | 89.55 | 747.6 | 877.6 | 399.7 | 366.6 | 33.08 | 12.082 | | | |
| 5,900.0 | 5,805.4 | 5,951.6 | 5,805.4 | 18.6 | 22.9 | 89.52 | 747.9 | 877.9 | 399.9 | 366.6 | 33.29 | 12.013 | | | |
| 6,000.0 | 5,905.4 | 6,051.6 | 5,905.4 | 18.7 | 22.9 | 89.52 | 747.9 | 877.9 | 399.9 | 366.4 | 33.51 | 11.935 | | | |
| 6,100.0 | 6,005.4 | 6,151.6 | 6,005.4 | 18.8 | 23.0 | 89.52 | 747.9 | 877.9 | 399.9 | 366.2 | 33.73 | 11.858 | | | |
| 6,200.0 | 6,105.4 | 6,251.6 | 6,105.4 | 18.9 | 23.1 | 89.52 | 747.9 | 877.9 | 399.9 | 366.0 | 33.95 | 11.780 | | | |
| 6,300.0 | 6,205.4 | 6,351.6 | 6,205.4 | 19.0 | 23.2 | 89.52 | 747.9 | 877.9 | 399.9 | 365.7 | 34.17 | 11.703 | | | |
| 6,400.0 | 6,305.4 | 6,451.6 | 6,305.4 | 19.1 | 23.3 | 89.52 | 747.9 | 877.9 | 399.9 | 365.5 | 34.40 | 11.626 | | | |
| 6,500.0 | 6,405.4 | 6,551.6 | 6,405.4 | 19.2 | 23.4 | 89.52 | 747.9 | 877.9 | 399.9 | 365.3 | 34.63 | 11.549 | | | |
| 6,600.0 | 6,505.4 | 6,651.6 | 6,505.4 | 19.3 | 23.4 | 89.52 | 747.9 | 877.9 | 399.9 | 365.1 | 34.86 | 11.473 | | | |
| 6,700.0 | 6,605.4 | 6,751.7 | 6,605.4 | 19.4 | 23.5 | 89.95 | 744.8 | 877.9 | 399.9 | 364.7 | 35.16 | 11.374 | | | |
| 6,703.7 | 6,609.1 | 6,755.5 | 6,609.1 | 19.4 | 23.5 | 90.00 | 744.5 | 877.9 | 399.9 | 364.7 | 35.18 | 11.368 | | | |
| 6,800.0 | 6,705.4 | 6,850.0 | 6,702.3 | 19.5 | 23.4 | 92.20 | 729.2 | 877.9 | 400.2 | 364.4 | 35.83 | 11.168 | | | |
| 6,900.0 | 6,805.3 | 6,942.0 | 6,790.4 | 19.6 | 23.2 | -84.13 | 702.6 | 877.9 | 402.2 | 365.5 | 36.69 | 10.961 | | | |
| 7,000.0 | 6,904.3 | 7,031.1 | 6,871.7 | 19.5 | 22.9 | -80.37 | 666.3 | 877.9 | 406.0 | 368.9 | 37.14 | 10.932 | | | |
| 7,100.0 | 7,000.3 | 7,117.6 | 6,945.7 | 19.3 | 22.6 | -76.87 | 621.7 | 877.9 | 411.3 | 374.3 | 37.06 | 11.098 | | | |
| 7,200.0 | 7,091.6 | 7,200.0 | 7,010.8 | 18.9 | 22.3 | -73.73 | 571.2 | 877.9 | 417.6 | 381.2 | 36.45 | 11.457 | | | |
| 7,300.0 | 7,176.2 | 7,284.4 | 7,070.9 | 18.5 | 21.9 | -70.83 | 512.1 | 877.8 | 424.4 | 389.0 | 35.33 | 12.011 | | | |
| 7,400.0 | 7,252.7 | 7,365.4 | 7,121.8 | 18.0 | 21.6 | -68.37 | 449.1 | 877.8 | 431.2 | 397.3 | 33.82 | 12.748 | | | |
| 7,500.0 | 7,319.5 | 7,450.0 | 7,166.9 | 17.5 | 21.2 | -66.19 | 377.6 | 877.8 | 437.6 | 405.6 | 32.03 | 13.665 | | | |
| 7,600.0 | 7,375.3 | 7,523.9 | 7,199.2 | 17.0 | 21.0 | -64.60 | 311.2 | 877.8 | 443.3 | 413.1 | 30.22 | 14.669 | | | |
| 7,700.0 | 7,419.1 | 7,600.0 | 7,225.1 | 16.6 | 20.8 | -63.32 | 239.7 | 877.8 | 448.0 | 419.5 | 28.54 | 15.698 | | | |
| 7,800.0 | 7,449.9 | 7,679.3 | 7,243.9 | 16.3 | 20.6 | -62.39 | 162.7 | 877.8 | 451.4 | 424.2 | 27.24 | 16.575 | | | |
| 7,900.0 | 7,467.1 | 7,756.4 | 7,253.9 | 16.2 | 20.6 | -61.87 | 86.3 | 877.8 | 453.5 | 426.9 | 26.55 | 17.078 | | | |
| 8,000.0 | 7,471.0 | 7,840.0 | 7,256.0 | 16.3 | 20.6 | -61.73 | 2.7 | 877.8 | 454.0 | 427.4 | 26.65 | 17.037 | | | |
| 8,100.0 | 7,471.0 | 7,940.0 | 7,256.0 | 16.5 | 20.8 | -61.73 | -97.3 | 877.8 | 454.0 | 426.7 | 27.27 | 16.649 | | | |
| 8,200.0 | 7,471.0 | 8,040.0 | 7,256.0 | 17.0 | 21.1 | -61.73 | -197.3 | 877.8 | 454.0 | 425.8 | 28.21 | 16.092 | | | |
| 8,300.0 | 7,471.0 | 8,140.0 | 7,256.0 | 17.6 | 21.6 | -61.73 | -297.3 | 877.8 | 454.0 | 424.6 | 29.45 | 15.415 | | | |
| 8,400.0 | 7,471.0 | 8,240.0 | 7,256.0 | 18.4 | 22.2 | -61.73 | -397.3 | 877.8 | 454.0 | 423.0 | 30.95 | 14.668 | | | |
| 8,500.0 | 7,471.0 | 8,340.0 | 7,256.0 | 19.3 | 22.9 | -61.73 | -497.3 | 877.8 | 454.0 | 421.3 | 32.68 | 13.893 | | | |
| 8,600.0 | 7,471.0 | 8,440.0 | 7,256.0 | 20.3 | 23.8 | -61.73 | -597.3 | 877.8 | 454.0 | 419.4 | 34.59 | 13.123 | | | |
| 8,700.0 | 7,471.0 | 8,540.0 | 7,256.0 | 21.4 | 24.7 | -61.73 | -697.3 | 877.8 | 454.0 | 417.3 | 36.67 | 12.380 | | | |
| 8,800.0 | 7,471.0 | 8,640.0 | 7,256.0 | 22.6 | 25.8 | -61.73 | -797.3 | 877.8 | 454.0 | 415.1 | 38.89 | 11.675 | | | |
| 8,900.0 | 7,471.0 | 8,740.0 | 7,256.0 | 23.9 | 26.9 | -61.73 | -897.3 | 877.8 | 454.0 | 412.8 | 41.21 | 11.015 | | | |
| 9,000.0 | 7,471.0 | 8,840.0 | 7,256.0 | 25.2 | 28.0 | -61.73 | -997.3 | 877.8 | 454.0 | 410.3 | 43.64 | 10.403 | | | |
| 9,100.0 | 7,471.0 | 8,940.0 | 7,256.0 | 26.6 | 29.3 | -61.73 | -1,097.3 | 877.8 | 454.0 | 407.8 | 46.14 | 9.839 | | | |
| 9,200.0 | 7,471.0 | 9,040.0 | 7,256.0 | 28.0 | 30.6 | -61.73 | -1,197.3 | 877.8 | 454.0 | 405.3 | 48.71 | 9.319 | | | |
| 9,300.0 | 7,471.0 | 9,140.0 | 7,256.0 | 29.4 | 31.9 | -61.73 | -1,297.3 | 877.8 | 454.0 | 402.6 | 51.34 | 8.842 | | | |
| 9,400.0 | 7,471.0 | 9,240.0 | 7,256.0 | 30.9 | 33.3 | -61.73 | -1,397.3 | 877.8 | 454.0 | 400.0 | 54.02 | 8.403 | | | |
| 9,500.0 | 7,471.0 | 9,340.0 | 7,256.0 | 32.4 | 34.7 | -61.73 | -1,497.3 | 877.8 | 454.0 | 397.2 | 56.74 | 8.000 | | | |
| 9,600.0 | 7,471.0 | 9,440.0 | 7,256.0 | 33.9 | 36.1 | -61.73 | -1,597.3 | 877.8 | 454.0 | 394.5 | 59.50 | 7.629 | | | |
| 9,700.0 | 7,471.0 | 9,540.0 | 7,256.0 | 35.5 | 37.6 | -61.73 | -1,697.3 | 877.8 | 454.0 | 391.7 | 62.29 | 7.288 | | | |
| 9,800.0 | 7,471.0 | 9,640.0 | 7,256.0 | 37.1 | 39.1 | -61.73 | -1,797.3 | 877.8 | 454.0 | 388.9 | 65.11 | 6.972 | | | |
| 9,900.0 | 7,471.0 | 9,740.0 | 7,256.0 | 38.7 | 40.6 | -61.73 | -1,897.3 | 877.8 | 454.0 | 386.0 | 67.95 | 6.681 | | | |
| 10,000.0 | 7,471.0 | 9,840.0 | 7,256.0 | 40.3 | 42.1 | -61.73 | -1,997.3 | 877.8 | 454.0 | 383.1 | 70.81 | 6.411 | | | |
| 10,100.0 | 7,471.0 | 9,940.0 | 7,256.0 | 41.9 | 43.6 | -61.73 | -2,097.3 | 877.8 | 454.0 | 380.3 | 73.70 | 6.160 | | | |
| 10,200.0 | 7,471.0 | 10,040.0 | 7,256.0 | 43.5 | 45.2 | -61.73 | -2,197.3 | 877.8 | 454.0 | 377.4 | 76.59 | 5.927 | | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 1F-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 0-MWD | | | | | | | | | | | | | | |
| 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 | |
| 10,300.0 | 7,471.0 | 10,140.0 | 7,256.0 | 45.1 | 46.8 | -61.73 | -2,297.3 | 877.8 | 454.0 | 374.4 | 79.51 | 5.710 | | |
| 10,400.0 | 7,471.0 | 10,240.0 | 7,256.0 | 46.8 | 48.4 | -61.73 | -2,397.3 | 877.8 | 453.9 | 371.5 | 82.43 | 5.507 | | |
| 10,500.0 | 7,471.0 | 10,340.0 | 7,256.0 | 48.4 | 49.9 | -61.73 | -2,497.3 | 877.8 | 453.9 | 368.6 | 85.37 | 5.317 | | |
| 10,600.0 | 7,471.0 | 10,440.0 | 7,256.0 | 50.1 | 51.6 | -61.73 | -2,597.3 | 877.8 | 453.9 | 365.6 | 88.32 | 5.140 | | |
| 10,700.0 | 7,471.0 | 10,540.0 | 7,256.0 | 51.7 | 53.2 | -61.73 | -2,697.3 | 877.8 | 453.9 | 362.7 | 91.28 | 4.973 | | |
| 10,800.0 | 7,471.0 | 10,640.0 | 7,256.0 | 53.4 | 54.8 | -61.73 | -2,797.3 | 877.8 | 453.9 | 359.7 | 94.25 | 4.817 | | |
| 10,900.0 | 7,471.0 | 10,740.0 | 7,256.0 | 55.1 | 56.4 | -61.73 | -2,897.3 | 877.8 | 453.9 | 356.7 | 97.22 | 4.669 | | |
| 11,000.0 | 7,471.0 | 10,840.0 | 7,256.0 | 56.8 | 58.1 | -61.73 | -2,997.3 | 877.8 | 453.9 | 353.7 | 100.20 | 4.530 | | |
| 11,100.0 | 7,471.0 | 10,940.0 | 7,256.0 | 58.4 | 59.7 | -61.73 | -3,097.3 | 877.8 | 453.9 | 350.7 | 103.19 | 4.399 | | |
| 11,200.0 | 7,471.0 | 11,040.0 | 7,256.0 | 60.1 | 61.4 | -61.73 | -3,197.3 | 877.8 | 453.9 | 347.7 | 106.19 | 4.275 | | |
| 11,300.0 | 7,471.0 | 11,140.0 | 7,256.0 | 61.8 | 63.0 | -61.73 | -3,297.3 | 877.8 | 453.9 | 344.7 | 109.19 | 4.157 | | |
| 11,400.0 | 7,471.0 | 11,240.0 | 7,256.0 | 63.5 | 64.7 | -61.73 | -3,397.3 | 877.8 | 453.9 | 341.7 | 112.19 | 4.046 | | |
| 11,500.0 | 7,471.0 | 11,340.0 | 7,256.0 | 65.2 | 66.4 | -61.73 | -3,497.3 | 877.8 | 453.9 | 338.7 | 115.21 | 3.940 | | |
| 11,600.0 | 7,471.0 | 11,440.0 | 7,256.0 | 66.9 | 68.0 | -61.73 | -3,597.3 | 877.8 | 453.9 | 335.7 | 118.22 | 3.840 | | |
| 11,700.0 | 7,471.0 | 11,540.0 | 7,256.0 | 68.6 | 69.7 | -61.73 | -3,697.3 | 877.8 | 453.9 | 332.7 | 121.24 | 3.744 | | |
| 11,800.0 | 7,471.0 | 11,640.0 | 7,256.0 | 70.3 | 71.4 | -61.73 | -3,797.3 | 877.8 | 453.9 | 329.7 | 124.26 | 3.653 | | |
| 11,900.0 | 7,471.0 | 11,740.0 | 7,256.0 | 72.0 | 73.1 | -61.73 | -3,897.3 | 877.8 | 453.9 | 326.6 | 127.29 | 3.566 | | |
| 12,000.0 | 7,471.0 | 11,840.0 | 7,256.0 | 73.7 | 74.7 | -61.73 | -3,997.3 | 877.8 | 453.9 | 323.6 | 130.32 | 3.483 | | |
| 12,046.2 | 7,471.0 | 11,886.2 | 7,256.0 | 74.5 | 75.5 | -61.73 | -4,043.5 | 877.8 | 453.9 | 322.2 | 131.72 | 3.446 | | |
| 12,061.6 | 7,471.0 | 11,900.7 | 7,256.0 | 74.8 | 75.8 | -61.73 | -4,058.0 | 877.8 | 453.9 | 321.7 | 132.17 | 3.434 SF | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 1G-10H - Hz - Plan #1 | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 0-MWD | | | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 90.05 | 0.0 | 19.6 | 19.6 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 90.05 | 0.0 | 19.6 | 19.6 | 19.3 | 0.30 | 64.426 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 90.05 | 0.0 | 19.6 | 19.6 | 18.9 | 0.65 | 29.974 CC, ES | | |
| 300.0 | 300.0 | 299.7 | 299.7 | 0.5 | 0.5 | 88.79 | 0.4 | 20.3 | 20.3 | 19.3 | 1.00 | 20.290 | | |
| 400.0 | 400.0 | 399.3 | 399.3 | 0.7 | 0.7 | 85.52 | 1.8 | 22.5 | 22.6 | 21.3 | 1.35 | 16.758 | | |
| 500.0 | 500.0 | 498.9 | 498.8 | 0.9 | 0.9 | 50.07 | 4.0 | 26.3 | 26.0 | 24.3 | 1.70 | 15.289 | | |
| 600.0 | 600.0 | 598.4 | 598.0 | 1.0 | 1.1 | 49.21 | 7.1 | 31.4 | 29.9 | 27.9 | 2.06 | 14.552 | | |
| 700.0 | 699.9 | 697.8 | 697.1 | 1.2 | 1.3 | 49.62 | 11.1 | 38.1 | 34.3 | 31.8 | 2.42 | 14.185 | | |
| 800.0 | 799.7 | 797.1 | 796.0 | 1.4 | 1.5 | 50.86 | 16.0 | 46.2 | 39.1 | 36.3 | 2.79 | 14.026 | | |
| 900.0 | 899.4 | 896.3 | 894.5 | 1.6 | 1.8 | 52.62 | 21.7 | 55.8 | 44.4 | 41.2 | 3.18 | 13.986 SF | | |
| 1,000.0 | 998.9 | 995.3 | 992.8 | 1.8 | 2.0 | 54.68 | 28.3 | 66.8 | 50.3 | 46.7 | 3.59 | 14.009 | | |
| 1,100.0 | 1,098.3 | 1,094.3 | 1,090.7 | 2.1 | 2.3 | 56.87 | 35.8 | 79.3 | 56.8 | 52.7 | 4.04 | 14.060 | | |
| 1,200.0 | 1,197.4 | 1,193.1 | 1,188.2 | 2.3 | 2.6 | 59.10 | 44.1 | 93.2 | 63.8 | 59.3 | 4.52 | 14.113 | | |
| 1,300.0 | 1,296.3 | 1,291.8 | 1,285.3 | 2.6 | 3.0 | 61.29 | 53.3 | 108.5 | 71.6 | 66.5 | 5.06 | 14.154 | | |
| 1,400.0 | 1,394.9 | 1,390.4 | 1,381.9 | 2.9 | 3.4 | 63.41 | 63.3 | 125.3 | 80.0 | 74.3 | 5.64 | 14.177 | | |
| 1,500.0 | 1,493.3 | 1,488.8 | 1,478.0 | 3.3 | 3.8 | 65.41 | 74.2 | 143.4 | 89.0 | 82.8 | 6.28 | 14.180 | | |
| 1,600.0 | 1,591.2 | 1,587.1 | 1,573.5 | 3.6 | 4.2 | 67.30 | 85.8 | 162.9 | 98.8 | 91.9 | 6.98 | 14.164 | | |
| 1,700.0 | 1,688.9 | 1,685.1 | 1,668.6 | 4.0 | 4.6 | 69.06 | 98.3 | 183.8 | 109.3 | 101.6 | 7.74 | 14.133 | | |
| 1,800.0 | 1,786.1 | 1,783.0 | 1,763.0 | 4.5 | 5.1 | 70.69 | 111.6 | 206.0 | 120.6 | 112.0 | 8.56 | 14.091 | | |
| 1,900.0 | 1,883.1 | 1,880.7 | 1,866.7 | 4.9 | 5.6 | 71.96 | 125.7 | 229.5 | 132.8 | 123.4 | 9.40 | 14.122 | | |
| 2,000.0 | 1,980.2 | 1,979.6 | 1,951.3 | 5.3 | 6.2 | 72.70 | 140.6 | 254.3 | 145.8 | 135.6 | 10.25 | 14.226 | | |
| 2,100.0 | 2,077.2 | 2,078.7 | 2,046.0 | 5.8 | 6.7 | 73.31 | 155.5 | 279.2 | 158.9 | 147.8 | 11.11 | 14.305 | | |
| 2,200.0 | 2,174.2 | 2,177.8 | 2,140.8 | 6.2 | 7.2 | 73.82 | 170.4 | 304.0 | 172.0 | 160.1 | 11.98 | 14.365 | | |
| 2,300.0 | 2,271.3 | 2,276.9 | 2,235.6 | 6.7 | 7.8 | 74.27 | 185.3 | 328.9 | 185.2 | 172.3 | 12.85 | 14.411 | | |
| 2,400.0 | 2,368.3 | 2,376.1 | 2,330.4 | 7.1 | 8.3 | 74.65 | 200.1 | 353.8 | 198.3 | 184.6 | 13.73 | 14.446 | | |
| 2,500.0 | 2,465.3 | 2,475.2 | 2,425.2 | 7.5 | 8.8 | 74.99 | 215.0 | 378.6 | 211.4 | 196.8 | 14.61 | 14.474 | | |
| 2,600.0 | 2,562.3 | 2,574.3 | 2,520.0 | 8.0 | 9.4 | 75.28 | 229.9 | 403.5 | 224.6 | 209.1 | 15.49 | 14.496 | | |
| 2,700.0 | 2,659.4 | 2,673.4 | 2,614.8 | 8.4 | 9.9 | 75.55 | 244.8 | 428.3 | 237.7 | 221.3 | 16.38 | 14.513 | | |
| 2,800.0 | 2,756.4 | 2,772.6 | 2,709.6 | 8.9 | 10.5 | 75.78 | 259.7 | 453.2 | 250.9 | 233.6 | 17.27 | 14.527 | | |
| 2,900.0 | 2,853.4 | 2,871.7 | 2,804.4 | 9.4 | 11.0 | 76.00 | 274.6 | 478.1 | 264.0 | 245.9 | 18.16 | 14.538 | | |
| 3,000.0 | 2,950.5 | 2,970.8 | 2,899.2 | 9.8 | 11.5 | 76.19 | 289.5 | 502.9 | 277.2 | 258.1 | 19.05 | 14.547 | | |
| 3,100.0 | 3,047.5 | 3,070.0 | 2,994.0 | 10.3 | 12.1 | 76.36 | 304.4 | 527.8 | 290.3 | 270.4 | 19.95 | 14.555 | | |
| 3,200.0 | 3,144.5 | 3,169.1 | 3,088.8 | 10.7 | 12.6 | 76.52 | 319.3 | 552.7 | 303.5 | 282.7 | 20.84 | 14.560 | | |
| 3,300.0 | 3,241.6 | 3,268.2 | 3,183.6 | 11.2 | 13.2 | 76.67 | 334.2 | 577.5 | 316.7 | 294.9 | 21.74 | 14.565 | | |
| 3,400.0 | 3,338.6 | 3,367.3 | 3,278.4 | 11.6 | 13.7 | 76.81 | 349.1 | 602.4 | 329.8 | 307.2 | 22.64 | 14.569 | | |
| 3,500.0 | 3,435.6 | 3,466.5 | 3,373.2 | 12.1 | 14.3 | 76.93 | 364.0 | 627.2 | 343.0 | 319.5 | 23.54 | 14.572 | | |
| 3,600.0 | 3,532.6 | 3,565.6 | 3,468.0 | 12.5 | 14.8 | 77.05 | 378.9 | 652.1 | 356.2 | 331.7 | 24.44 | 14.574 | | |
| 3,700.0 | 3,629.7 | 3,664.7 | 3,562.8 | 13.0 | 15.4 | 77.15 | 393.7 | 677.0 | 369.3 | 344.0 | 25.34 | 14.576 | | |
| 3,800.0 | 3,726.7 | 3,763.8 | 3,657.6 | 13.4 | 15.9 | 77.25 | 408.6 | 701.8 | 382.5 | 356.3 | 26.24 | 14.578 | | |
| 3,900.0 | 3,823.7 | 3,863.0 | 3,752.4 | 13.9 | 16.4 | 77.35 | 423.5 | 726.7 | 395.7 | 368.6 | 27.14 | 14.579 | | |
| 4,000.0 | 3,920.8 | 3,962.1 | 3,847.2 | 14.4 | 17.0 | 77.43 | 438.4 | 751.6 | 408.9 | 380.8 | 28.04 | 14.579 | | |
| 4,100.0 | 4,017.8 | 4,061.2 | 3,941.9 | 14.8 | 17.5 | 77.55 | 453.3 | 776.4 | 422.1 | 393.1 | 28.94 | 14.583 | | |
| 4,200.0 | 4,115.3 | 4,160.3 | 4,036.7 | 15.2 | 18.1 | 77.54 | 468.2 | 801.3 | 435.6 | 405.9 | 29.78 | 14.627 | | |
| 4,300.0 | 4,213.1 | 4,259.3 | 4,131.3 | 15.6 | 18.6 | 77.31 | 483.1 | 826.1 | 449.6 | 419.0 | 30.56 | 14.714 | | |
| 4,400.0 | 4,311.3 | 4,358.1 | 4,225.9 | 16.0 | 19.2 | 76.91 | 497.9 | 850.9 | 463.9 | 432.7 | 31.26 | 14.842 | | |
| 4,500.0 | 4,409.7 | 4,456.9 | 4,320.3 | 16.3 | 19.7 | 76.33 | 512.8 | 875.7 | 478.7 | 446.8 | 31.89 | 15.013 | | |
| 4,600.0 | 4,508.5 | 4,555.4 | 4,414.6 | 16.6 | 20.3 | 75.61 | 527.6 | 900.4 | 494.0 | 461.6 | 32.45 | 15.226 | | |

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

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 4-2-10 (Existing) - Existing - Existing | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 8276-MWD | | | | | | | | | | | | | | |
| 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 | 127.40 | -284.8 | 372.6 | 469.3 | | | | | |
| 100.0 | 100.0 | 84.0 | 84.0 | 0.2 | 0.1 | 127.40 | -284.8 | 372.6 | 469.0 | 468.7 | 0.30 | 1,570.370 | | |
| 200.0 | 200.0 | 184.0 | 184.0 | 0.3 | 0.3 | 127.40 | -284.8 | 372.6 | 469.0 | 468.3 | 0.65 | 724.071 | | |
| 300.0 | 300.0 | 284.0 | 284.0 | 0.5 | 0.5 | 127.40 | -284.8 | 372.6 | 469.0 | 468.0 | 1.00 | 470.507 | | |
| 400.0 | 400.0 | 384.0 | 384.0 | 0.7 | 0.7 | 127.40 | -284.8 | 372.6 | 469.0 | 467.6 | 1.35 | 348.474 | | |
| 500.0 | 500.0 | 484.0 | 484.0 | 0.9 | 0.8 | 94.80 | -284.8 | 372.6 | 469.1 | 467.4 | 1.70 | 276.662 | | |
| 600.0 | 600.0 | 584.0 | 584.0 | 1.0 | 1.0 | 95.12 | -284.8 | 372.6 | 469.3 | 467.2 | 2.05 | 229.153 | | |
| 700.0 | 699.9 | 683.9 | 683.9 | 1.2 | 1.2 | 95.64 | -284.8 | 372.6 | 469.7 | 467.3 | 2.41 | 195.180 | | |
| 800.0 | 799.7 | 783.7 | 783.7 | 1.4 | 1.4 | 96.38 | -284.8 | 372.6 | 470.3 | 467.6 | 2.77 | 169.526 | | |
| 900.0 | 899.4 | 883.4 | 883.4 | 1.6 | 1.5 | 97.31 | -284.8 | 372.6 | 471.3 | 468.1 | 3.15 | 149.379 | | |
| 1,000.0 | 998.9 | 982.9 | 982.9 | 1.8 | 1.7 | 98.45 | -284.8 | 372.6 | 472.6 | 469.0 | 3.55 | 133.104 | | |
| 1,100.0 | 1,098.3 | 1,082.3 | 1,082.3 | 2.1 | 1.9 | 99.77 | -284.8 | 372.6 | 474.4 | 470.4 | 3.96 | 119.689 | | |
| 1,200.0 | 1,197.4 | 1,181.4 | 1,181.4 | 2.3 | 2.1 | 101.28 | -284.8 | 372.6 | 476.8 | 472.4 | 4.40 | 108.478 | | |
| 1,300.0 | 1,296.3 | 1,280.3 | 1,280.3 | 2.6 | 2.2 | 102.96 | -284.8 | 372.6 | 479.9 | 475.1 | 4.85 | 99.028 | | |
| 1,400.0 | 1,394.9 | 1,378.9 | 1,378.9 | 2.9 | 2.4 | 104.81 | -284.8 | 372.6 | 484.0 | 478.6 | 5.32 | 91.023 | | |
| 1,500.0 | 1,493.3 | 1,477.3 | 1,477.3 | 3.3 | 2.6 | 106.79 | -284.8 | 372.6 | 489.0 | 483.2 | 5.81 | 84.233 | | |
| 1,600.0 | 1,591.2 | 1,575.2 | 1,575.2 | 3.6 | 2.7 | 108.90 | -284.8 | 372.6 | 495.2 | 488.9 | 6.31 | 78.481 | | |
| 7,800.0 | 7,449.9 | 7,433.9 | 7,433.9 | 16.3 | 13.0 | 41.97 | -284.8 | 372.6 | 497.1 | 475.8 | 21.35 | 23.284 | | |
| 7,900.0 | 7,467.1 | 7,451.1 | 7,451.1 | 16.2 | 13.0 | 69.13 | -284.8 | 372.6 | 401.5 | 375.9 | 25.58 | 15.693 | | |
| 8,000.0 | 7,471.0 | 7,455.0 | 7,455.0 | 16.3 | 13.0 | 90.00 | -284.8 | 372.6 | 306.3 | 279.2 | 27.02 | 11.332 | | |
| 8,100.0 | 7,471.0 | 7,455.0 | 7,455.0 | 16.5 | 13.0 | 90.00 | -284.8 | 372.6 | 215.1 | 187.8 | 27.35 | 7.865 | | |
| 8,200.0 | 7,471.0 | 7,455.0 | 7,455.0 | 17.0 | 13.0 | 90.00 | -284.8 | 372.6 | 137.0 | 109.1 | 27.88 | 4.914 | | |
| 8,287.6 | 7,471.0 | 7,455.0 | 7,455.0 | 17.5 | 13.0 | 90.00 | -284.8 | 372.6 | 105.4 | 76.9 | 28.50 | 3.698 | CC, ES, SF | |
| 8,300.0 | 7,471.0 | 7,455.0 | 7,455.0 | 17.6 | 13.0 | 90.00 | -284.8 | 372.6 | 106.1 | 77.5 | 28.59 | 3.712 | | |
| 8,400.0 | 7,471.0 | 7,455.0 | 7,455.0 | 18.4 | 13.0 | 90.00 | -284.8 | 372.6 | 154.1 | 124.7 | 29.45 | 5.233 | | |
| 8,500.0 | 7,471.0 | 7,455.0 | 7,455.0 | 19.3 | 13.0 | 90.00 | -284.8 | 372.6 | 237.2 | 206.7 | 30.45 | 7.788 | | |
| 8,600.0 | 7,471.0 | 7,455.0 | 7,455.0 | 20.3 | 13.0 | 90.00 | -284.8 | 372.6 | 329.7 | 298.2 | 31.57 | 10.447 | | |
| 8,700.0 | 7,471.0 | 7,455.0 | 7,455.0 | 21.4 | 13.0 | 90.00 | -284.8 | 372.6 | 425.7 | 392.9 | 32.77 | 12.990 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well lone 1E-10H |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Reference Site: | S10-T2N-R66W (lone) | MD Reference: | WELL @ 5012.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | lone 1E-10H | 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 |

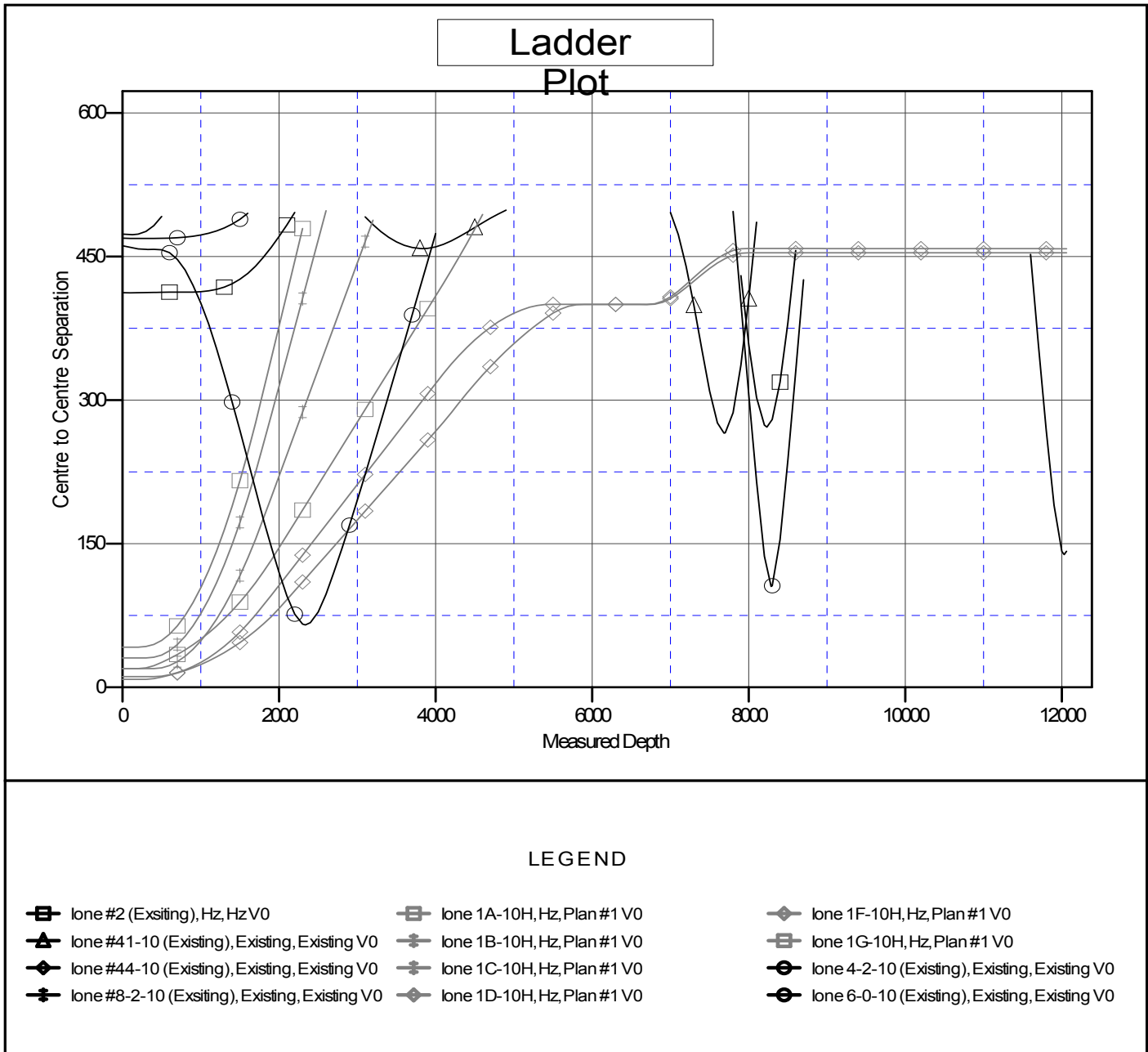
| Offset Design | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|--------------------------------------------------------------------|---------------------|---------------------|---------------------|-----------------|-------------|-----------------------|-----------------------------------|------------|----------------------|-----------------------|------------------------|-------------------|--------------------|--------|
| S10-T2N-R66W (lone) - lone 6-0-10 (Existing) - Existing - Existing | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Survey Program: 94-Gyro | | | | | | | | | | | | | | |
| Reference | | Offset | | Semi Major Axis | | | Distance | | | | | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | Total Uncertainty Axis | Separation Factor | Warning | |
| 0.0 | 0.0 | 8.1 | 8.1 | 0.0 | 0.0 | 126.31 | -273.2 | 371.7 | 461.3 | | | | | |
| 100.0 | 100.0 | 117.6 | 117.6 | 0.2 | 0.1 | 126.23 | -271.6 | 370.6 | 459.6 | 459.4 | 0.25 | 1,872.727 | | |
| 200.0 | 200.0 | 211.5 | 211.5 | 0.3 | 0.2 | 126.00 | -269.2 | 370.5 | 458.0 | 457.5 | 0.51 | 906.543 | | |
| 300.0 | 300.0 | 307.7 | 307.6 | 0.5 | 0.3 | 125.55 | -266.0 | 372.2 | 457.5 | 456.7 | 0.77 | 594.121 | | |
| 322.1 | 322.1 | 329.3 | 329.1 | 0.5 | 0.3 | 125.41 | -265.1 | 372.9 | 457.5 | 456.7 | 0.83 | 551.524 | | |
| 400.0 | 400.0 | 407.2 | 406.8 | 0.7 | 0.4 | 124.77 | -260.9 | 375.9 | 457.6 | 456.5 | 1.05 | 437.594 | | |
| 500.0 | 500.0 | 515.0 | 514.1 | 0.9 | 0.5 | 90.83 | -251.7 | 381.5 | 457.1 | 455.8 | 1.36 | 336.611 | | |
| 600.0 | 600.0 | 630.2 | 628.1 | 1.0 | 0.7 | 89.21 | -236.2 | 387.3 | 454.1 | 452.4 | 1.70 | 266.519 | | |
| 700.0 | 699.9 | 751.3 | 747.3 | 1.2 | 0.9 | 87.40 | -214.8 | 390.5 | 447.1 | 445.0 | 2.09 | 214.037 | | |
| 800.0 | 799.7 | 869.3 | 862.6 | 1.4 | 1.1 | 85.65 | -190.0 | 390.0 | 436.0 | 433.5 | 2.49 | 175.139 | | |
| 900.0 | 899.4 | 986.5 | 976.6 | 1.6 | 1.4 | 84.21 | -163.5 | 383.9 | 420.1 | 417.2 | 2.90 | 144.708 | | |
| 1,000.0 | 998.9 | 1,093.9 | 1,080.6 | 1.8 | 1.6 | 83.17 | -138.4 | 375.3 | 401.4 | 398.1 | 3.32 | 121.045 | | |
| 1,100.0 | 1,098.3 | 1,205.7 | 1,188.6 | 2.1 | 1.8 | 82.45 | -111.9 | 362.8 | 379.7 | 376.0 | 3.75 | 101.273 | | |
| 1,200.0 | 1,197.4 | 1,314.1 | 1,292.3 | 2.3 | 2.1 | 82.05 | -85.1 | 346.9 | 354.3 | 350.1 | 4.19 | 84.518 | | |
| 1,300.0 | 1,296.3 | 1,412.9 | 1,386.6 | 2.6 | 2.3 | 82.07 | -60.5 | 330.4 | 326.7 | 322.1 | 4.64 | 70.462 | | |
| 1,400.0 | 1,394.9 | 1,512.1 | 1,481.1 | 2.9 | 2.6 | 82.39 | -35.5 | 313.2 | 298.2 | 293.1 | 5.10 | 58.443 | | |
| 1,500.0 | 1,493.3 | 1,610.3 | 1,574.2 | 3.3 | 2.9 | 83.06 | -10.0 | 295.3 | 268.4 | 262.8 | 5.59 | 48.047 | | |
| 1,600.0 | 1,591.2 | 1,707.8 | 1,666.3 | 3.6 | 3.2 | 84.02 | 16.5 | 277.2 | 237.6 | 231.5 | 6.10 | 38.974 | | |
| 1,700.0 | 1,688.9 | 1,801.0 | 1,754.1 | 4.0 | 3.4 | 85.49 | 42.4 | 260.0 | 206.4 | 199.8 | 6.60 | 31.258 | | |
| 1,800.0 | 1,786.1 | 1,895.0 | 1,843.1 | 4.5 | 3.7 | 88.32 | 67.4 | 242.5 | 175.9 | 168.8 | 7.08 | 24.848 | | |
| 1,900.0 | 1,883.1 | 1,987.4 | 1,931.0 | 4.9 | 3.9 | 92.66 | 90.2 | 225.6 | 147.0 | 139.5 | 7.47 | 19.680 | | |
| 2,000.0 | 1,980.2 | 2,083.2 | 2,022.4 | 5.3 | 4.2 | 99.31 | 113.4 | 208.5 | 120.0 | 112.3 | 7.73 | 15.531 | | |
| 2,100.0 | 2,077.2 | 2,177.4 | 2,112.2 | 5.8 | 4.4 | 109.01 | 136.4 | 192.1 | 95.5 | 87.7 | 7.77 | 12.294 | | |
| 2,200.0 | 2,174.2 | 2,271.8 | 2,202.6 | 6.2 | 4.7 | 123.70 | 158.8 | 176.7 | 76.4 | 68.8 | 7.60 | 10.060 | | |
| 2,300.0 | 2,271.3 | 2,367.4 | 2,294.4 | 6.7 | 4.9 | 144.71 | 181.1 | 161.6 | 66.1 | 58.4 | 7.68 | 8.600 | | |
| 2,337.1 | 2,307.3 | 2,402.8 | 2,328.4 | 6.8 | 5.0 | 153.46 | 189.2 | 156.1 | 65.2 | 57.3 | 7.84 | 8.315 CC, ES | | |
| 2,400.0 | 2,368.3 | 2,463.2 | 2,386.5 | 7.1 | 5.2 | 167.74 | 202.9 | 147.3 | 67.6 | 59.3 | 8.24 | 8.198 SF | | |
| 2,500.0 | 2,465.3 | 2,560.1 | 2,479.6 | 7.5 | 5.4 | -172.73 | 225.6 | 133.1 | 78.7 | 69.4 | 9.32 | 8.450 | | |
| 2,600.0 | 2,562.3 | 2,654.7 | 2,570.6 | 8.0 | 5.6 | -159.19 | 247.5 | 118.8 | 97.3 | 86.7 | 10.55 | 9.224 | | |
| 2,700.0 | 2,659.4 | 2,750.8 | 2,663.2 | 8.4 | 5.9 | -150.78 | 268.2 | 104.5 | 120.2 | 108.6 | 11.58 | 10.381 | | |
| 2,800.0 | 2,756.4 | 2,848.0 | 2,757.1 | 8.9 | 6.1 | -145.02 | 289.4 | 90.5 | 144.2 | 131.7 | 12.47 | 11.560 | | |
| 2,900.0 | 2,853.4 | 2,942.9 | 2,848.4 | 9.4 | 6.4 | -140.56 | 311.2 | 76.3 | 169.4 | 156.1 | 13.30 | 12.741 | | |
| 3,000.0 | 2,950.5 | 3,039.0 | 2,940.5 | 9.8 | 6.6 | -136.93 | 334.0 | 61.4 | 195.6 | 181.6 | 14.08 | 13.894 | | |
| 3,100.0 | 3,047.5 | 3,134.8 | 3,031.9 | 10.3 | 6.9 | -133.72 | 358.4 | 46.2 | 222.4 | 207.5 | 14.85 | 14.974 | | |
| 3,200.0 | 3,144.5 | 3,230.2 | 3,122.9 | 10.7 | 7.1 | -131.14 | 382.9 | 31.0 | 249.8 | 234.2 | 15.58 | 16.027 | | |
| 3,300.0 | 3,241.6 | 3,326.3 | 3,214.3 | 11.2 | 7.4 | -128.94 | 408.1 | 15.6 | 277.5 | 261.2 | 16.30 | 17.024 | | |
| 3,400.0 | 3,338.6 | 3,422.8 | 3,306.5 | 11.6 | 7.7 | -127.36 | 432.3 | 0.6 | 305.2 | 288.2 | 16.97 | 17.983 | | |
| 3,500.0 | 3,435.6 | 3,518.6 | 3,398.4 | 12.1 | 7.9 | -126.31 | 455.0 | -14.2 | 333.0 | 315.4 | 17.62 | 18.904 | | |
| 3,600.0 | 3,532.6 | 3,614.5 | 3,490.1 | 12.5 | 8.2 | -125.22 | 478.9 | -28.9 | 360.9 | 342.6 | 18.27 | 19.751 | | |
| 3,700.0 | 3,629.7 | 3,709.4 | 3,581.0 | 13.0 | 8.4 | -124.46 | 501.5 | -43.7 | 389.0 | 370.1 | 18.90 | 20.586 | | |
| 3,800.0 | 3,726.7 | 3,805.8 | 3,673.8 | 13.4 | 8.7 | -123.97 | 523.2 | -58.8 | 417.3 | 397.8 | 19.52 | 21.383 | | |
| 3,900.0 | 3,823.7 | 3,900.6 | 3,764.8 | 13.9 | 8.9 | -123.44 | 545.3 | -73.4 | 445.4 | 425.3 | 20.14 | 22.116 | | |
| 4,000.0 | 3,920.8 | 3,998.3 | 3,858.5 | 14.4 | 9.2 | -122.96 | 568.1 | -89.0 | 474.1 | 453.4 | 20.77 | 22.831 | | |

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

Anticollision Report

| | | |
|--------------------------------------------|------------------------------------------------------------|--|
| Company: EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: Well lone 1E-10H | |
| Project: DJ Wattenberg | TVD Reference: WELL @ 5012.0ft (Original Well Elev) | |
| Reference Site: S10-T2N-R66W (lone) | MD Reference: WELL @ 5012.0ft (Original Well Elev) | |
| Site Error: 0.0ft | North Reference: True | |
| Reference Well: lone 1E-10H | 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 @ 5012.0ft (Original Well Elev) Coordinates are relative to: lone 1E-10H
 Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
 Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.48°



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