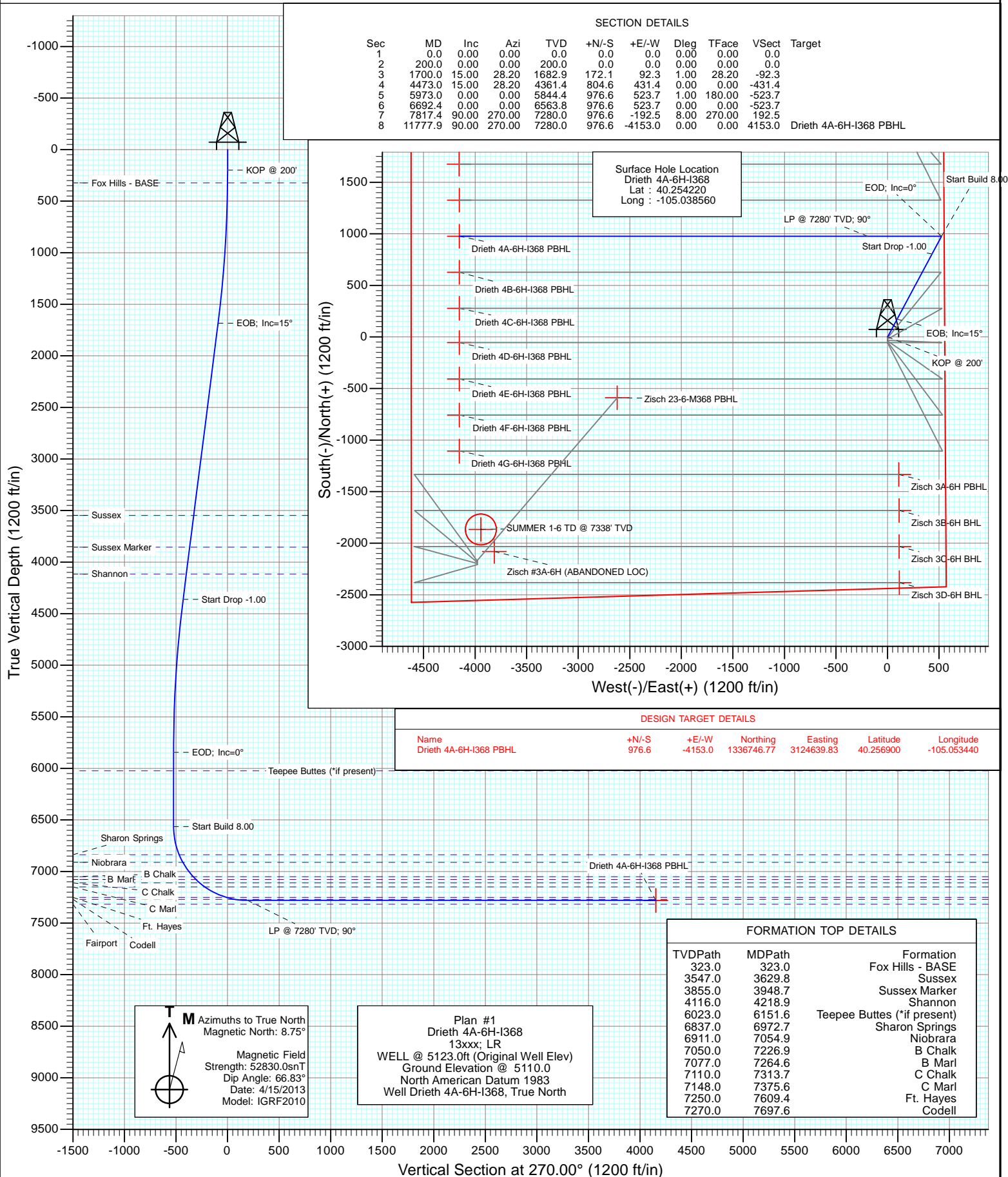




Project: DJ Wattenberg
Site: S6-T3N-R68W (Zisch/Drieth)
Well: Drieth 4A-6H-I368
Wellbore: Hz
Design: Plan #1



Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site: | S6-T3N-R68W (Zisch/Drieth) | North Reference: | True |
| Well: | Drieth 4A-6H-I368 | 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 | | S6-T3N-R68W (Zisch/Drieth) | | | |
|-----------------------|----------|----------------------------|-----------------|-------------------|-------------|
| Site Position: | | Northing: | 1,333,692.14 ft | Latitude: | 40.248510 |
| From: | Lat/Long | Easting: | 3,124,995.76 ft | Longitude: | -105.052220 |
| Position Uncertainty: | 0.0 ft | Slot Radius: | 13.200 in | Grid Convergence: | 0.29 ° |

| | | | | | | |
|----------------------|-------------------|--------|---------------------|-----------------|---------------|-------------|
| Well | Drieth 4A-6H-I368 | | | | | |
| Well Position | +N/-S | 0.0 ft | Northing: | 1,335,791.74 ft | Latitude: | 40.254220 |
| | +E/-W | 0.0 ft | Easting: | 3,128,797.85 ft | Longitude: | -105.038560 |
| Position Uncertainty | | 0.0 ft | Wellhead Elevation: | ft | Ground Level: | 5,110.0 ft |

| | | | | | |
|------------------|-------------------|--------------------|----------------------------|--------------------------|--------------------------------|
| Wellbore | Hz | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | IGRF2010 | 4/15/2013 | 8.75 | 66.83 | 52,830 |

| | | | | |
|--------------------------|----------------------------------|-----------------------|-----------------------|--------------------------|
| Design | Plan #1 | | | |
| Audit Notes: | | | | |
| Version: | Phase: | PLAN | Tie On Depth: | 0.0 |
| Vertical Section: | Depth From (TVD) (ft) | +N/-S (ft) | +E/-W (ft) | Direction (°) |
| | 0.0 | 0.0 | 0.0 | 270.00 |

| 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 | |
| 200.0 | 0.00 | 0.00 | 200.0 | 0.0 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 1,700.0 | 15.00 | 28.20 | 1,682.9 | 172.1 | 92.3 | 1.00 | 1.00 | 0.00 | 28.20 | |
| 4,473.0 | 15.00 | 28.20 | 4,361.4 | 804.6 | 431.4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,973.0 | 0.00 | 0.00 | 5,844.4 | 976.6 | 523.7 | 1.00 | -1.00 | 0.00 | 180.00 | |
| 6,692.4 | 0.00 | 0.00 | 6,563.8 | 976.6 | 523.7 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 7,817.4 | 90.00 | 270.00 | 7,280.0 | 976.6 | -192.5 | 8.00 | 8.00 | 0.00 | 270.00 | |
| 11,777.9 | 90.00 | 270.00 | 7,280.0 | 976.6 | -4,153.0 | 0.00 | 0.00 | 0.00 | 0.00 | Drieth 4A-6H-I368 PB |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site: | S6-T3N-R68W (Zisch/Drieth) | North Reference: | True |
| Well: | Drieth 4A-6H-I368 | 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 | KOP @ 200' |
| 300.0 | 1.00 | 28.20 | 300.0 | 0.8 | 0.4 | -0.4 | 1.00 | 1.00 | |
| 323.0 | 1.23 | 28.20 | 323.0 | 1.2 | 0.6 | -0.6 | 1.00 | 1.00 | Fox Hills - BASE |
| 400.0 | 2.00 | 28.20 | 400.0 | 3.1 | 1.6 | -1.6 | 1.00 | 1.00 | |
| 500.0 | 3.00 | 28.20 | 499.9 | 6.9 | 3.7 | -3.7 | 1.00 | 1.00 | |
| 600.0 | 4.00 | 28.20 | 599.7 | 12.3 | 6.6 | -6.6 | 1.00 | 1.00 | |
| 700.0 | 5.00 | 28.20 | 699.4 | 19.2 | 10.3 | -10.3 | 1.00 | 1.00 | |
| 800.0 | 6.00 | 28.20 | 798.9 | 27.7 | 14.8 | -14.8 | 1.00 | 1.00 | |
| 900.0 | 7.00 | 28.20 | 898.3 | 37.6 | 20.2 | -20.2 | 1.00 | 1.00 | |
| 1,000.0 | 8.00 | 28.20 | 997.4 | 49.1 | 26.3 | -26.3 | 1.00 | 1.00 | |
| 1,100.0 | 9.00 | 28.20 | 1,096.3 | 62.2 | 33.3 | -33.3 | 1.00 | 1.00 | |
| 1,200.0 | 10.00 | 28.20 | 1,194.9 | 76.7 | 41.1 | -41.1 | 1.00 | 1.00 | |
| 1,300.0 | 11.00 | 28.20 | 1,293.3 | 92.8 | 49.7 | -49.7 | 1.00 | 1.00 | |
| 1,400.0 | 12.00 | 28.20 | 1,391.2 | 110.3 | 59.2 | -59.2 | 1.00 | 1.00 | |
| 1,500.0 | 13.00 | 28.20 | 1,488.9 | 129.4 | 69.4 | -69.4 | 1.00 | 1.00 | |
| 1,600.0 | 14.00 | 28.20 | 1,586.1 | 150.0 | 80.4 | -80.4 | 1.00 | 1.00 | |
| 1,700.0 | 15.00 | 28.20 | 1,682.9 | 172.1 | 92.3 | -92.3 | 1.00 | 1.00 | EOB; Inc=15° |
| 1,800.0 | 15.00 | 28.20 | 1,779.5 | 194.9 | 104.5 | -104.5 | 0.00 | 0.00 | |
| 1,900.0 | 15.00 | 28.20 | 1,876.1 | 217.7 | 116.7 | -116.7 | 0.00 | 0.00 | |
| 2,000.0 | 15.00 | 28.20 | 1,972.7 | 240.5 | 128.9 | -128.9 | 0.00 | 0.00 | |
| 2,100.0 | 15.00 | 28.20 | 2,069.3 | 263.3 | 141.2 | -141.2 | 0.00 | 0.00 | |
| 2,200.0 | 15.00 | 28.20 | 2,165.9 | 286.1 | 153.4 | -153.4 | 0.00 | 0.00 | |
| 2,300.0 | 15.00 | 28.20 | 2,262.5 | 308.9 | 165.6 | -165.6 | 0.00 | 0.00 | |
| 2,400.0 | 15.00 | 28.20 | 2,359.1 | 331.7 | 177.9 | -177.9 | 0.00 | 0.00 | |
| 2,500.0 | 15.00 | 28.20 | 2,455.7 | 354.5 | 190.1 | -190.1 | 0.00 | 0.00 | |
| 2,600.0 | 15.00 | 28.20 | 2,552.3 | 377.3 | 202.3 | -202.3 | 0.00 | 0.00 | |
| 2,700.0 | 15.00 | 28.20 | 2,648.8 | 400.2 | 214.6 | -214.6 | 0.00 | 0.00 | |
| 2,800.0 | 15.00 | 28.20 | 2,745.4 | 423.0 | 226.8 | -226.8 | 0.00 | 0.00 | |
| 2,900.0 | 15.00 | 28.20 | 2,842.0 | 445.8 | 239.0 | -239.0 | 0.00 | 0.00 | |
| 3,000.0 | 15.00 | 28.20 | 2,938.6 | 468.6 | 251.3 | -251.3 | 0.00 | 0.00 | |
| 3,100.0 | 15.00 | 28.20 | 3,035.2 | 491.4 | 263.5 | -263.5 | 0.00 | 0.00 | |
| 3,200.0 | 15.00 | 28.20 | 3,131.8 | 514.2 | 275.7 | -275.7 | 0.00 | 0.00 | |
| 3,300.0 | 15.00 | 28.20 | 3,228.4 | 537.0 | 287.9 | -287.9 | 0.00 | 0.00 | |
| 3,400.0 | 15.00 | 28.20 | 3,325.0 | 559.8 | 300.2 | -300.2 | 0.00 | 0.00 | |
| 3,500.0 | 15.00 | 28.20 | 3,421.6 | 582.6 | 312.4 | -312.4 | 0.00 | 0.00 | |
| 3,600.0 | 15.00 | 28.20 | 3,518.2 | 605.4 | 324.6 | -324.6 | 0.00 | 0.00 | |
| 3,629.8 | 15.00 | 28.20 | 3,547.0 | 612.2 | 328.3 | -328.3 | 0.00 | 0.00 | Sussex |
| 3,700.0 | 15.00 | 28.20 | 3,614.8 | 628.3 | 336.9 | -336.9 | 0.00 | 0.00 | |
| 3,800.0 | 15.00 | 28.20 | 3,711.4 | 651.1 | 349.1 | -349.1 | 0.00 | 0.00 | |
| 3,900.0 | 15.00 | 28.20 | 3,808.0 | 673.9 | 361.3 | -361.3 | 0.00 | 0.00 | |
| 3,948.7 | 15.00 | 28.20 | 3,855.0 | 685.0 | 367.3 | -367.3 | 0.00 | 0.00 | Sussex Marker |
| 4,000.0 | 15.00 | 28.20 | 3,904.6 | 696.7 | 373.6 | -373.6 | 0.00 | 0.00 | |
| 4,100.0 | 15.00 | 28.20 | 4,001.1 | 719.5 | 385.8 | -385.8 | 0.00 | 0.00 | |
| 4,200.0 | 15.00 | 28.20 | 4,097.7 | 742.3 | 398.0 | -398.0 | 0.00 | 0.00 | |
| 4,218.9 | 15.00 | 28.20 | 4,116.0 | 746.6 | 400.3 | -400.3 | 0.00 | 0.00 | Shannon |
| 4,300.0 | 15.00 | 28.20 | 4,194.3 | 765.1 | 410.2 | -410.2 | 0.00 | 0.00 | |
| 4,400.0 | 15.00 | 28.20 | 4,290.9 | 787.9 | 422.5 | -422.5 | 0.00 | 0.00 | |
| 4,473.0 | 15.00 | 28.20 | 4,361.4 | 804.6 | 431.4 | -431.4 | 0.00 | 0.00 | Start Drop -1.00 |
| 4,500.0 | 14.73 | 28.20 | 4,387.5 | 810.7 | 434.7 | -434.7 | 1.00 | -1.00 | |
| 4,600.0 | 13.73 | 28.20 | 4,484.5 | 832.3 | 446.3 | -446.3 | 1.00 | -1.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site: | S6-T3N-R68W (Zisch/Drieth) | North Reference: | True |
| Well: | Drieth 4A-6H-I368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| Design: | Plan #1 | | |

Planned Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Comments / Formations |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------------|
| 4,700.0 | 12.73 | 28.20 | 4,581.8 | 852.5 | 457.1 | -457.1 | 1.00 | -1.00 | |
| 4,800.0 | 11.73 | 28.20 | 4,679.5 | 871.2 | 467.1 | -467.1 | 1.00 | -1.00 | |
| 4,900.0 | 10.73 | 28.20 | 4,777.6 | 888.3 | 476.3 | -476.3 | 1.00 | -1.00 | |
| 5,000.0 | 9.73 | 28.20 | 4,876.0 | 904.0 | 484.7 | -484.7 | 1.00 | -1.00 | |
| 5,100.0 | 8.73 | 28.20 | 4,974.7 | 918.1 | 492.3 | -492.3 | 1.00 | -1.00 | |
| 5,200.0 | 7.73 | 28.20 | 5,073.7 | 930.7 | 499.1 | -499.1 | 1.00 | -1.00 | |
| 5,300.0 | 6.73 | 28.20 | 5,172.9 | 941.8 | 505.0 | -505.0 | 1.00 | -1.00 | |
| 5,400.0 | 5.73 | 28.20 | 5,272.3 | 951.4 | 510.1 | -510.1 | 1.00 | -1.00 | |
| 5,500.0 | 4.73 | 28.20 | 5,371.9 | 959.4 | 514.4 | -514.4 | 1.00 | -1.00 | |
| 5,600.0 | 3.73 | 28.20 | 5,471.6 | 965.9 | 517.9 | -517.9 | 1.00 | -1.00 | |
| 5,700.0 | 2.73 | 28.20 | 5,571.5 | 970.9 | 520.6 | -520.6 | 1.00 | -1.00 | |
| 5,800.0 | 1.73 | 28.20 | 5,671.4 | 974.3 | 522.4 | -522.4 | 1.00 | -1.00 | |
| 5,900.0 | 0.73 | 28.20 | 5,771.4 | 976.2 | 523.4 | -523.4 | 1.00 | -1.00 | |
| 5,973.0 | 0.00 | 0.00 | 5,844.4 | 976.6 | 523.7 | -523.7 | 1.00 | -1.00 | EOD; Inc=0° |
| 6,000.0 | 0.00 | 0.00 | 5,871.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,100.0 | 0.00 | 0.00 | 5,971.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,151.6 | 0.00 | 0.00 | 6,023.0 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | Teepee Buttes (*if present) |
| 6,200.0 | 0.00 | 0.00 | 6,071.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,300.0 | 0.00 | 0.00 | 6,171.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,400.0 | 0.00 | 0.00 | 6,271.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,500.0 | 0.00 | 0.00 | 6,371.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,600.0 | 0.00 | 0.00 | 6,471.4 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | |
| 6,692.4 | 0.00 | 0.00 | 6,563.8 | 976.6 | 523.7 | -523.7 | 0.00 | 0.00 | Start Build 8.00 |
| 6,700.0 | 0.60 | 270.00 | 6,571.4 | 976.6 | 523.6 | -523.6 | 8.00 | 8.00 | |
| 6,800.0 | 8.60 | 270.00 | 6,671.0 | 976.6 | 515.6 | -515.6 | 8.00 | 8.00 | |
| 6,900.0 | 16.60 | 270.00 | 6,768.5 | 976.6 | 493.8 | -493.8 | 8.00 | 8.00 | |
| 6,972.7 | 22.42 | 270.00 | 6,837.0 | 976.6 | 469.5 | -469.5 | 8.00 | 8.00 | Sharon Springs |
| 7,000.0 | 24.60 | 270.00 | 6,862.0 | 976.6 | 458.6 | -458.6 | 8.00 | 8.00 | |
| 7,054.9 | 29.00 | 270.00 | 6,911.0 | 976.6 | 433.9 | -433.9 | 8.00 | 8.00 | Niobrara |
| 7,100.0 | 32.60 | 270.00 | 6,949.7 | 976.6 | 410.8 | -410.8 | 8.00 | 8.00 | |
| 7,200.0 | 40.60 | 270.00 | 7,029.9 | 976.6 | 351.2 | -351.2 | 8.00 | 8.00 | |
| 7,226.9 | 42.75 | 270.00 | 7,050.0 | 976.6 | 333.3 | -333.3 | 8.00 | 8.00 | B Chalk |
| 7,264.6 | 45.77 | 270.00 | 7,077.0 | 976.6 | 307.0 | -307.0 | 8.00 | 8.00 | B Marl |
| 7,300.0 | 48.60 | 270.00 | 7,101.1 | 976.6 | 281.1 | -281.1 | 8.00 | 8.00 | |
| 7,313.7 | 49.70 | 270.00 | 7,110.0 | 976.6 | 270.7 | -270.7 | 8.00 | 8.00 | C Chalk |
| 7,375.6 | 54.66 | 270.00 | 7,148.0 | 976.6 | 221.8 | -221.8 | 8.00 | 8.00 | C Marl |
| 7,400.0 | 56.60 | 270.00 | 7,161.8 | 976.6 | 201.7 | -201.7 | 8.00 | 8.00 | |
| 7,500.0 | 64.60 | 270.00 | 7,210.8 | 976.6 | 114.6 | -114.6 | 8.00 | 8.00 | |
| 7,600.0 | 72.60 | 270.00 | 7,247.2 | 976.6 | 21.6 | -21.6 | 8.00 | 8.00 | |
| 7,609.4 | 73.36 | 270.00 | 7,250.0 | 976.6 | 12.6 | -12.6 | 8.00 | 8.00 | Ft. Hayes |
| 7,697.6 | 80.41 | 270.00 | 7,270.0 | 976.6 | -73.3 | 73.3 | 8.00 | 8.00 | Codell |
| 7,700.0 | 80.60 | 270.00 | 7,270.4 | 976.6 | -75.6 | 75.6 | 8.00 | 8.00 | |
| 7,800.0 | 88.60 | 270.00 | 7,279.8 | 976.6 | -175.1 | 175.1 | 8.00 | 8.00 | |
| 7,817.4 | 90.00 | 270.00 | 7,280.0 | 976.6 | -192.5 | 192.5 | 8.00 | 8.00 | LP @ 7280' TVD; 90° |
| 7,900.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -275.1 | 275.1 | 0.00 | 0.00 | |
| 8,000.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -375.1 | 375.1 | 0.00 | 0.00 | |
| 8,100.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -475.1 | 475.1 | 0.00 | 0.00 | |
| 8,200.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -575.1 | 575.1 | 0.00 | 0.00 | |
| 8,300.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -675.1 | 675.1 | 0.00 | 0.00 | |
| 8,400.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -775.1 | 775.1 | 0.00 | 0.00 | |
| 8,500.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -875.1 | 875.1 | 0.00 | 0.00 | |
| 8,600.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -975.1 | 975.1 | 0.00 | 0.00 | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site: | S6-T3N-R68W (Zisch/Drieth) | North Reference: | True |
| Well: | Drieth 4A-6H-I368 | 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 |
| 8,700.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,075.1 | 1,075.1 | 0.00 | 0.00 | |
| 8,800.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,175.1 | 1,175.1 | 0.00 | 0.00 | |
| 8,900.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,275.1 | 1,275.1 | 0.00 | 0.00 | |
| 9,000.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,375.1 | 1,375.1 | 0.00 | 0.00 | |
| 9,100.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,475.1 | 1,475.1 | 0.00 | 0.00 | |
| 9,200.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,575.1 | 1,575.1 | 0.00 | 0.00 | |
| 9,300.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,675.1 | 1,675.1 | 0.00 | 0.00 | |
| 9,400.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,775.1 | 1,775.1 | 0.00 | 0.00 | |
| 9,500.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,875.1 | 1,875.1 | 0.00 | 0.00 | |
| 9,600.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -1,975.1 | 1,975.1 | 0.00 | 0.00 | |
| 9,700.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,075.1 | 2,075.1 | 0.00 | 0.00 | |
| 9,800.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,175.1 | 2,175.1 | 0.00 | 0.00 | |
| 9,900.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,275.1 | 2,275.1 | 0.00 | 0.00 | |
| 10,000.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,375.1 | 2,375.1 | 0.00 | 0.00 | |
| 10,100.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,475.1 | 2,475.1 | 0.00 | 0.00 | |
| 10,200.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,575.1 | 2,575.1 | 0.00 | 0.00 | |
| 10,300.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,675.1 | 2,675.1 | 0.00 | 0.00 | |
| 10,400.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,775.1 | 2,775.1 | 0.00 | 0.00 | |
| 10,500.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,875.1 | 2,875.1 | 0.00 | 0.00 | |
| 10,600.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -2,975.1 | 2,975.1 | 0.00 | 0.00 | |
| 10,700.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,075.1 | 3,075.1 | 0.00 | 0.00 | |
| 10,800.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,175.1 | 3,175.1 | 0.00 | 0.00 | |
| 10,900.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,275.1 | 3,275.1 | 0.00 | 0.00 | |
| 11,000.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,375.1 | 3,375.1 | 0.00 | 0.00 | |
| 11,100.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,475.1 | 3,475.1 | 0.00 | 0.00 | |
| 11,200.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,575.1 | 3,575.1 | 0.00 | 0.00 | |
| 11,300.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,675.1 | 3,675.1 | 0.00 | 0.00 | |
| 11,400.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,775.1 | 3,775.1 | 0.00 | 0.00 | |
| 11,500.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,875.1 | 3,875.1 | 0.00 | 0.00 | |
| 11,600.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -3,975.1 | 3,975.1 | 0.00 | 0.00 | |
| 11,700.0 | 90.00 | 270.00 | 7,280.0 | 976.6 | -4,075.1 | 4,075.1 | 0.00 | 0.00 | |
| 11,777.9 | 90.00 | 270.00 | 7,280.0 | 976.6 | -4,153.0 | 4,153.0 | 0.00 | 0.00 | TD at 11777.9 - Drieth 4A-6H-I368 PBHL |

| Targets | | | | | | | | | |
|---------------------------|---------------|--------------|----------|------------|------------|---------------|--------------|-----------|-------------|
| Target Name | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude | Longitude |
| - hit/miss target | | | | | | | | | |
| - Shape | | | | | | | | | |
| Drieth 4A-6H-I368 PBHL | 0.00 | 0.00 | 7,280.0 | 976.6 | -4,153.0 | 1,336,746.77 | 3,124,639.83 | 40.256900 | -105.053440 |
| - plan hits target center | | | | | | | | | |
| - Point | | | | | | | | | |

Planning Report

| | | | |
|------------------|-----------------------------|-------------------------------------|--------------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Company: | EnCana Oil & Gas (USA) Inc | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Project: | DJ Wattenberg | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site: | S6-T3N-R68W (Zisch/Drieth) | North Reference: | True |
| Well: | Drieth 4A-6H-I368 | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Hz | | |
| Design: | Plan #1 | | |

| Formations | | | | | | |
|---------------------|---------------------|-----------------------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name | Lithology | Dip (°) | Dip Direction (°) | |
| 323.0 | 323.0 | Fox Hills - BASE | | | | |
| 3,629.8 | 3,547.0 | Sussex | | | | |
| 3,948.7 | 3,855.0 | Sussex Marker | | | | |
| 4,218.9 | 4,116.0 | Shannon | | | | |
| 6,151.6 | 6,023.0 | Teepee Buttes (*if present) | | | | |
| 6,972.7 | 6,837.0 | Sharon Springs | | | | |
| 7,054.9 | 6,911.0 | Niobrara | | | | |
| 7,226.9 | 7,050.0 | B Chalk | | | | |
| 7,264.6 | 7,077.0 | B Marl | | | | |
| 7,313.7 | 7,110.0 | C Chalk | | | | |
| 7,375.6 | 7,148.0 | C Marl | | | | |
| 7,609.4 | 7,250.0 | Ft. Hayes | | | | |
| 7,697.6 | 7,270.0 | Codell | | | | |

| Plan Annotations | | | | | |
|---------------------|---------------------|-------------------|------------|---------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates | | | |
| | | +N/-S (ft) | +E/-W (ft) | Comment | |
| 200.0 | 200.0 | 0.0 | 0.0 | KOP @ 200' | |
| 1,700.0 | 1,682.9 | 172.1 | 92.3 | EOB; Inc=15° | |
| 4,473.0 | 4,361.4 | 804.6 | 431.4 | Start Drop -1.00 | |
| 5,973.0 | 5,844.4 | 976.6 | 523.7 | EOD; Inc=0° | |
| 6,692.4 | 6,563.8 | 976.6 | 523.7 | Start Build 8.00 | |
| 7,817.4 | 7,280.0 | 976.6 | -192.5 | LP @ 7280' TVD; 90° | |
| 11,777.9 | 7,280.0 | 976.6 | -4,153.0 | TD at 11777.9 | |

EnCana Oil & Gas (USA) Inc

DJ Wattenberg

S6-T3N-R68W (Zisch/Drieth)

Drieth 4A-6H-I368

Hz

Plan #1

Anticollision Report

15 April, 2013

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 | 4/15/2013 | | |
| From (ft) | To (ft) | Survey (Wellbore) | Tool Name | Description |
| 0.0 | 11,777.4 | Plan #1 (Hz) | MWD | Geolink MWD |

| Summary | | | | | | |
|-----------------------------------------------|-------------------------------|----------------------------|-------------------------------|--------------------------------|-------------------|--------------|
| Site Name | Reference Measured Depth (ft) | Offset Measured Depth (ft) | Distance Between Centres (ft) | Distance Between Ellipses (ft) | Separation Factor | Warning |
| Offset Well - Wellbore - Design | | | | | | |
| S6-T3N-R68W (Zisch/Drieth) | | | | | | |
| Breakneck Properties 21-6 - DD - Plan #1 | | | | | | Out of range |
| Drieth 1A-6H-A368 - Hz - Plan #1 | | | | | | Out of range |
| Drieth 1B-6H-A368 - Hz - Plan #1 | | | | | | Out of range |
| Drieth 1C-6H-A368 - Hz - Plan #1 | | | | | | Out of range |
| Drieth 1D-6H-A368 - Hz - Plan #1 | | | | | | Out of range |
| Drieth 1E-6H-A368 - Hz - Plan #1 | 6,454.7 | 6,403.3 | 349.5 | 311.0 | 9.089 | CC |
| Drieth 1E-6H-A368 - Hz - Plan #1 | 11,778.2 | 11,500.4 | 413.2 | 226.5 | 2.213 | ES, SF |
| Drieth 4B-6H-I368 - Hz - Plan #1 | 200.0 | 200.0 | 10.9 | 10.3 | 16.742 | CC, ES |
| Drieth 4B-6H-I368 - Hz - Plan #1 | 11,778.2 | 11,501.8 | 413.2 | 228.0 | 2.231 | SF |
| Drieth 4C-6H-I368 - Hz - Plan #1 | 200.0 | 200.0 | 21.9 | 21.2 | 33.485 | CC, ES |
| Drieth 4C-6H-I368 - Hz - Plan #1 | 800.0 | 800.9 | 42.7 | 39.9 | 15.297 | SF |
| Drieth 4D-6H-I368 - Hz - Plan #1 | 200.0 | 200.0 | 32.9 | 32.3 | 50.409 | CC, ES |
| Drieth 4D-6H-I368 - Hz - Plan #1 | 700.0 | 699.4 | 52.5 | 50.1 | 21.813 | SF |
| Drieth 4E-6H-I368 - Hz - Plan #1 | 200.0 | 200.0 | 40.2 | 39.5 | 61.537 | CC, ES |
| Drieth 4E-6H-I368 - Hz - Plan #1 | 700.0 | 697.7 | 63.7 | 61.3 | 26.360 | SF |
| Drieth 4F-6H-I368 - Hz - Plan #1 | 200.0 | 201.0 | 51.1 | 50.4 | 78.039 | CC, ES |
| Drieth 4F-6H-I368 - Hz - Plan #1 | 700.0 | 696.2 | 81.3 | 78.9 | 33.585 | SF |
| Drieth 4G-6H-I368 - Hz - Plan #1 | 166.3 | 167.3 | 62.0 | 61.5 | 115.448 | CC |
| Drieth 4G-6H-I368 - Hz - Plan #1 | 200.0 | 201.0 | 62.0 | 61.3 | 94.718 | ES |
| Drieth 4G-6H-I368 - Hz - Plan #1 | 700.0 | 693.2 | 100.4 | 98.0 | 41.518 | SF |
| SUMMER 6-1 (EXISTING) - EXISTING - NO SURVEYS | | | | | | Out of range |
| Zisch 23-6-M368 - DD - Plan #1 | | | | | | Out of range |
| Zisch 3A-6H-M368 - HZ - Plan #1 | | | | | | Out of range |
| Zisch 3B-6H-M368 - HZ - Plan #1 | | | | | | Out of range |
| Zisch 3C-6H-M368 - HZ - Plan #1 | | | | | | Out of range |
| Zisch 3D-6H-M368 - HZ - Plan #1 | | | | | | Out of range |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 1E-6H-A368 - 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 | | |
| 4,700.0 | 4,581.8 | 4,693.2 | 4,592.5 | 19.0 | 17.5 | -23.07 | 1,343.8 | 508.7 | 495.2 | 473.4 | 21.74 | 22.782 | | |
| 4,800.0 | 4,679.5 | 4,783.4 | 4,682.4 | 19.4 | 17.7 | -23.44 | 1,337.7 | 511.7 | 469.4 | 447.3 | 22.16 | 21.179 | | |
| 4,900.0 | 4,777.6 | 4,874.4 | 4,773.3 | 19.8 | 17.8 | -23.90 | 1,332.9 | 514.1 | 446.6 | 424.0 | 22.58 | 19.777 | | |
| 5,000.0 | 4,876.0 | 4,966.3 | 4,865.1 | 20.1 | 18.0 | -24.43 | 1,329.3 | 515.9 | 426.6 | 403.6 | 22.98 | 18.564 | | |
| 5,100.0 | 4,974.7 | 5,058.9 | 4,957.6 | 20.5 | 18.1 | -25.05 | 1,327.0 | 517.1 | 409.7 | 386.3 | 23.37 | 17.528 | | |
| 5,200.0 | 5,073.7 | 5,152.1 | 5,050.8 | 20.7 | 18.2 | -25.74 | 1,326.1 | 517.5 | 395.8 | 372.0 | 23.75 | 16.661 | | |
| 5,300.0 | 5,172.9 | 5,250.2 | 5,148.9 | 21.0 | 18.3 | -26.49 | 1,326.0 | 517.6 | 384.4 | 360.3 | 24.14 | 15.927 | | |
| 5,400.0 | 5,272.3 | 5,349.6 | 5,248.3 | 21.2 | 18.3 | -27.18 | 1,326.0 | 517.6 | 374.7 | 350.2 | 24.51 | 15.287 | | |
| 5,500.0 | 5,371.9 | 5,449.2 | 5,347.9 | 21.4 | 18.4 | -27.79 | 1,326.0 | 517.6 | 366.6 | 341.7 | 24.87 | 14.739 | | |
| 5,600.0 | 5,471.6 | 5,548.9 | 5,447.6 | 21.6 | 18.5 | -28.31 | 1,326.0 | 517.6 | 360.1 | 334.9 | 25.22 | 14.276 | | |
| 5,700.0 | 5,571.5 | 5,648.7 | 5,547.5 | 21.8 | 18.6 | -28.72 | 1,326.0 | 517.6 | 355.2 | 329.6 | 25.56 | 13.896 | | |
| 5,800.0 | 5,671.4 | 5,748.7 | 5,647.4 | 21.9 | 18.7 | -29.00 | 1,326.0 | 517.6 | 351.7 | 325.9 | 25.87 | 13.596 | | |
| 5,900.0 | 5,771.4 | 5,848.6 | 5,747.4 | 22.0 | 18.8 | -29.17 | 1,326.0 | 517.6 | 349.9 | 323.7 | 26.17 | 13.371 | | |
| 6,000.0 | 5,871.4 | 5,948.6 | 5,847.4 | 22.1 | 18.9 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.9 | 26.54 | 13.080 | | |
| 6,100.0 | 5,971.4 | 6,048.6 | 5,947.4 | 22.2 | 19.0 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.7 | 26.94 | 12.760 | | |
| 6,200.0 | 6,071.4 | 6,148.6 | 6,047.4 | 22.3 | 19.1 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.5 | 27.34 | 12.440 | | |
| 6,300.0 | 6,171.4 | 6,248.6 | 6,147.4 | 22.3 | 19.2 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.3 | 27.74 | 12.120 | | |
| 6,400.0 | 6,271.4 | 6,348.6 | 6,247.4 | 22.4 | 19.3 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.1 | 28.14 | 11.800 | | |
| 6,454.7 | 6,326.0 | 6,403.3 | 6,302.0 | 22.5 | 19.3 | -1.00 | 1,326.0 | 517.6 | 349.5 | 311.0 | 28.45 | 9.089 CC | | |
| 6,500.0 | 6,371.4 | 6,448.4 | 6,347.1 | 22.5 | 19.4 | -1.09 | 1,326.0 | 517.0 | 349.5 | 310.9 | 28.54 | 9.069 | | |
| 6,600.0 | 6,471.4 | 6,546.3 | 6,444.4 | 22.6 | 19.4 | -2.79 | 1,326.0 | 506.6 | 349.8 | 311.2 | 28.64 | 9.053 | | |
| 6,700.0 | 6,571.4 | 6,639.7 | 6,535.0 | 22.7 | 19.3 | 83.58 | 1,326.0 | 484.5 | 351.8 | 323.3 | 28.50 | 12.344 | | |
| 6,800.0 | 6,671.0 | 6,728.7 | 6,618.0 | 22.7 | 19.2 | 79.19 | 1,326.0 | 452.5 | 356.2 | 327.4 | 28.89 | 12.329 | | |
| 6,900.0 | 6,768.5 | 6,815.1 | 6,694.2 | 22.6 | 19.1 | 75.12 | 1,326.1 | 411.9 | 362.4 | 333.2 | 29.16 | 12.429 | | |
| 7,000.0 | 6,862.0 | 6,900.0 | 6,763.8 | 22.5 | 19.0 | 71.41 | 1,326.1 | 363.3 | 369.7 | 340.5 | 29.24 | 12.645 | | |
| 7,100.0 | 6,949.7 | 6,981.5 | 6,824.8 | 22.2 | 18.9 | 68.18 | 1,326.1 | 309.3 | 377.6 | 348.5 | 29.08 | 12.984 | | |
| 7,200.0 | 7,029.9 | 7,062.2 | 6,878.7 | 22.0 | 18.8 | 65.37 | 1,326.1 | 249.3 | 385.6 | 356.9 | 28.69 | 13.441 | | |
| 7,300.0 | 7,101.1 | 7,141.7 | 6,924.8 | 21.8 | 18.8 | 63.01 | 1,326.1 | 184.6 | 393.2 | 365.1 | 28.12 | 13.982 | | |
| 7,400.0 | 7,161.8 | 7,220.1 | 6,963.1 | 21.7 | 18.9 | 61.10 | 1,326.1 | 116.2 | 399.9 | 372.4 | 27.52 | 14.534 | | |
| 7,500.0 | 7,210.8 | 7,300.0 | 6,994.1 | 21.6 | 19.1 | 59.61 | 1,326.1 | 42.6 | 405.5 | 378.3 | 27.19 | 14.914 | | |
| 7,600.0 | 7,247.2 | 7,374.8 | 7,015.6 | 21.7 | 19.5 | 58.61 | 1,326.1 | -29.0 | 409.6 | 382.3 | 27.33 | 14.988 | | |
| 7,700.0 | 7,270.4 | 7,450.0 | 7,029.6 | 21.9 | 20.0 | 58.00 | 1,326.1 | -102.8 | 412.2 | 383.9 | 28.21 | 14.611 | | |
| 7,800.0 | 7,279.8 | 7,528.1 | 7,035.8 | 22.5 | 20.7 | 57.80 | 1,326.1 | -180.6 | 413.0 | 383.0 | 29.96 | 13.784 | | |
| 7,896.9 | 7,281.0 | 7,619.4 | 7,036.0 | 23.2 | 21.8 | 57.69 | 1,326.1 | -272.0 | 413.5 | 381.0 | 32.50 | 12.721 | | |
| 7,900.0 | 7,280.0 | 7,622.5 | 7,036.0 | 23.2 | 21.9 | 57.81 | 1,326.1 | -275.1 | 412.9 | 380.3 | 32.62 | 12.659 | | |
| 8,000.0 | 7,280.0 | 7,722.5 | 7,036.0 | 24.3 | 23.4 | 57.81 | 1,326.1 | -375.1 | 413.0 | 377.3 | 35.65 | 11.583 | | |
| 8,100.0 | 7,280.0 | 7,822.5 | 7,036.0 | 25.7 | 25.1 | 57.81 | 1,326.1 | -475.1 | 413.0 | 374.1 | 38.90 | 10.617 | | |
| 8,200.0 | 7,280.0 | 7,922.5 | 7,036.0 | 27.3 | 26.9 | 57.81 | 1,326.1 | -575.1 | 413.0 | 370.7 | 42.31 | 9.760 | | |
| 8,300.0 | 7,280.0 | 8,022.5 | 7,036.0 | 29.0 | 28.8 | 57.81 | 1,326.1 | -675.1 | 413.0 | 367.1 | 45.85 | 9.007 | | |
| 8,400.0 | 7,280.0 | 8,122.5 | 7,036.0 | 30.9 | 30.9 | 57.81 | 1,326.1 | -775.1 | 413.0 | 363.5 | 49.50 | 8.344 | | |
| 8,500.0 | 7,280.0 | 8,222.5 | 7,036.0 | 32.9 | 33.0 | 57.81 | 1,326.1 | -875.1 | 413.0 | 359.8 | 53.22 | 7.760 | | |
| 8,600.0 | 7,280.0 | 8,322.5 | 7,036.0 | 34.9 | 35.1 | 57.81 | 1,326.1 | -975.1 | 413.0 | 356.0 | 57.01 | 7.244 | | |
| 8,700.0 | 7,280.0 | 8,422.5 | 7,036.0 | 37.0 | 37.3 | 57.81 | 1,326.2 | -1,075.1 | 413.0 | 352.1 | 60.85 | 6.787 | | |
| 8,800.0 | 7,280.0 | 8,522.5 | 7,036.0 | 39.2 | 39.6 | 57.81 | 1,326.2 | -1,175.1 | 413.0 | 348.3 | 64.74 | 6.379 | | |
| 8,900.0 | 7,280.0 | 8,622.5 | 7,036.0 | 41.4 | 41.8 | 57.81 | 1,326.2 | -1,275.1 | 413.0 | 344.3 | 68.66 | 6.015 | | |
| 9,000.0 | 7,280.0 | 8,722.5 | 7,036.0 | 43.6 | 44.1 | 57.81 | 1,326.2 | -1,375.1 | 413.0 | 340.4 | 72.62 | 5.687 | | |
| 9,100.0 | 7,280.0 | 8,822.5 | 7,036.0 | 45.8 | 46.4 | 57.81 | 1,326.2 | -1,475.1 | 413.0 | 336.4 | 76.60 | 5.392 | | |
| 9,200.0 | 7,280.0 | 8,922.5 | 7,036.0 | 48.1 | 48.8 | 57.81 | 1,326.2 | -1,575.1 | 413.0 | 332.4 | 80.60 | 5.124 | | |
| 9,300.0 | 7,280.0 | 9,022.5 | 7,036.0 | 50.4 | 51.1 | 57.81 | 1,326.2 | -1,675.1 | 413.0 | 328.4 | 84.62 | 4.881 | | |
| 9,400.0 | 7,280.0 | 9,122.5 | 7,036.0 | 52.7 | 53.4 | 57.82 | 1,326.2 | -1,775.1 | 413.0 | 324.4 | 88.65 | 4.659 | | |
| 9,500.0 | 7,280.0 | 9,222.5 | 7,036.0 | 55.0 | 55.8 | 57.82 | 1,326.2 | -1,875.1 | 413.0 | 320.3 | 92.70 | 4.455 | | |
| 9,600.0 | 7,280.0 | 9,322.5 | 7,036.0 | 57.4 | 58.2 | 57.82 | 1,326.2 | -1,975.1 | 413.0 | 316.3 | 96.77 | 4.268 | | |

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 Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 1E-6H-A368 - 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 | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre | Between Centres | Between Ellipses | Total Uncertainty | Separation Factor | | |
| (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (°) | +N/-S (ft) | +E/-W (ft) | (ft) | (ft) | Axis | | |
| 9,700.0 | 7,280.0 | 9,422.5 | 7,036.0 | 59.7 | 60.5 | 57.82 | 1,326.2 | -2,075.1 | 413.0 | 312.2 | 100.84 | 4.096 | |
| 9,800.0 | 7,280.0 | 9,522.5 | 7,036.0 | 62.1 | 62.9 | 57.82 | 1,326.2 | -2,175.1 | 413.1 | 308.1 | 104.92 | 3.937 | |
| 9,900.0 | 7,280.0 | 9,622.5 | 7,036.0 | 64.5 | 65.3 | 57.82 | 1,326.2 | -2,275.1 | 413.1 | 304.0 | 109.01 | 3.789 | |
| 10,000.0 | 7,280.0 | 9,722.5 | 7,036.0 | 66.8 | 67.7 | 57.82 | 1,326.2 | -2,375.1 | 413.1 | 300.0 | 113.11 | 3.652 | |
| 10,100.0 | 7,280.0 | 9,822.5 | 7,036.0 | 69.2 | 70.1 | 57.82 | 1,326.2 | -2,475.1 | 413.1 | 295.9 | 117.22 | 3.524 | |
| 10,200.0 | 7,280.0 | 9,922.5 | 7,036.0 | 71.6 | 72.5 | 57.82 | 1,326.3 | -2,575.1 | 413.1 | 291.7 | 121.33 | 3.405 | |
| 10,300.0 | 7,280.0 | 10,022.5 | 7,036.0 | 74.0 | 74.9 | 57.82 | 1,326.3 | -2,675.1 | 413.1 | 287.6 | 125.45 | 3.293 | |
| 10,400.0 | 7,280.0 | 10,122.5 | 7,036.0 | 76.4 | 77.4 | 57.82 | 1,326.3 | -2,775.1 | 413.1 | 283.5 | 129.57 | 3.188 | |
| 10,500.0 | 7,280.0 | 10,222.5 | 7,036.0 | 78.8 | 79.8 | 57.82 | 1,326.3 | -2,875.1 | 413.1 | 279.4 | 133.69 | 3.090 | |
| 10,600.0 | 7,280.0 | 10,322.5 | 7,036.0 | 81.2 | 82.2 | 57.82 | 1,326.3 | -2,975.1 | 413.1 | 275.3 | 137.83 | 2.997 | |
| 10,700.0 | 7,280.0 | 10,422.5 | 7,036.0 | 83.6 | 84.6 | 57.82 | 1,326.3 | -3,075.1 | 413.1 | 271.1 | 141.96 | 2.910 | |
| 10,800.0 | 7,280.0 | 10,522.5 | 7,036.0 | 86.0 | 87.1 | 57.82 | 1,326.3 | -3,175.1 | 413.1 | 267.0 | 146.10 | 2.828 | |
| 10,900.0 | 7,280.0 | 10,622.5 | 7,036.0 | 88.4 | 89.5 | 57.82 | 1,326.3 | -3,275.1 | 413.1 | 262.9 | 150.24 | 2.750 | |
| 11,000.0 | 7,280.0 | 10,722.5 | 7,036.0 | 90.9 | 91.9 | 57.82 | 1,326.3 | -3,375.1 | 413.1 | 258.7 | 154.38 | 2.676 | |
| 11,100.0 | 7,280.0 | 10,822.5 | 7,036.0 | 93.3 | 94.4 | 57.82 | 1,326.3 | -3,475.1 | 413.1 | 254.6 | 158.53 | 2.606 | |
| 11,200.0 | 7,280.0 | 10,922.5 | 7,036.0 | 95.7 | 96.8 | 57.82 | 1,326.3 | -3,575.1 | 413.1 | 250.4 | 162.68 | 2.540 | |
| 11,300.0 | 7,280.0 | 11,022.5 | 7,036.0 | 98.1 | 99.2 | 57.82 | 1,326.3 | -3,675.1 | 413.1 | 246.3 | 166.83 | 2.476 | |
| 11,400.0 | 7,280.0 | 11,122.5 | 7,036.0 | 100.6 | 101.7 | 57.82 | 1,326.3 | -3,775.1 | 413.1 | 242.2 | 170.99 | 2.416 | |
| 11,500.0 | 7,280.0 | 11,222.5 | 7,036.0 | 103.0 | 104.1 | 57.83 | 1,326.3 | -3,875.1 | 413.1 | 238.0 | 175.14 | 2.359 | |
| 11,600.0 | 7,280.0 | 11,322.5 | 7,036.0 | 105.4 | 106.6 | 57.83 | 1,326.4 | -3,975.1 | 413.2 | 233.9 | 179.30 | 2.304 | |
| 11,700.0 | 7,280.0 | 11,422.5 | 7,036.0 | 107.9 | 109.0 | 57.83 | 1,326.4 | -4,075.1 | 413.2 | 229.7 | 183.46 | 2.252 | |
| 11,743.8 | 7,280.0 | 11,466.3 | 7,036.0 | 108.9 | 110.1 | 57.83 | 1,326.4 | -4,118.8 | 413.2 | 227.9 | 185.28 | 2.230 | |
| 11,778.2 | 7,280.0 | 11,500.4 | 7,036.0 | 109.8 | 110.9 | 57.83 | 1,326.4 | -4,152.9 | 413.2 | 226.5 | 186.71 | 2.213 ES, SF | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4B-6H-I368 - 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 | | Separation | | 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) | Uncertainty Axis | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 180.00 | -10.9 | 0.0 | 10.9 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 180.00 | -10.9 | 0.0 | 10.9 | 10.6 | 0.30 | 35.986 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 180.00 | -10.9 | 0.0 | 10.9 | 10.3 | 0.65 | 16.742 CC, ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 153.82 | -10.9 | 0.0 | 11.7 | 10.7 | 1.00 | 11.683 | | |
| 400.0 | 400.0 | 400.2 | 400.2 | 0.7 | 0.7 | 156.51 | -10.2 | 0.6 | 13.4 | 12.0 | 1.35 | 9.890 | | |
| 500.0 | 499.9 | 500.3 | 500.3 | 0.9 | 0.9 | 157.47 | -8.2 | 2.2 | 15.2 | 13.5 | 1.70 | 8.927 | | |
| 600.0 | 599.7 | 600.6 | 600.4 | 1.1 | 1.0 | 157.24 | -4.8 | 5.0 | 17.2 | 15.1 | 2.06 | 8.352 | | |
| 700.0 | 699.4 | 700.8 | 700.5 | 1.3 | 1.2 | 156.18 | -0.1 | 8.8 | 19.4 | 16.9 | 2.42 | 7.987 | | |
| 800.0 | 798.9 | 801.1 | 800.4 | 1.5 | 1.4 | 154.57 | 6.1 | 13.8 | 21.7 | 18.9 | 2.80 | 7.744 | | |
| 900.0 | 898.3 | 901.4 | 900.2 | 1.8 | 1.7 | 152.60 | 13.5 | 19.9 | 24.2 | 21.0 | 3.19 | 7.575 | | |
| 1,000.0 | 997.4 | 1,001.7 | 999.9 | 2.0 | 1.9 | 150.40 | 22.4 | 27.1 | 26.9 | 23.3 | 3.61 | 7.447 | | |
| 1,100.0 | 1,096.3 | 1,102.0 | 1,099.4 | 2.3 | 2.2 | 148.10 | 32.6 | 35.3 | 29.8 | 25.8 | 4.06 | 7.341 | | |
| 1,200.0 | 1,194.9 | 1,202.3 | 1,198.6 | 2.7 | 2.5 | 145.75 | 44.1 | 44.7 | 33.0 | 28.5 | 4.56 | 7.243 | | |
| 1,300.0 | 1,293.3 | 1,302.7 | 1,297.6 | 3.0 | 2.8 | 143.42 | 57.0 | 55.2 | 36.5 | 31.4 | 5.10 | 7.146 | | |
| 1,400.0 | 1,391.2 | 1,403.0 | 1,396.2 | 3.4 | 3.2 | 141.15 | 71.2 | 66.8 | 40.2 | 34.5 | 5.70 | 7.047 | | |
| 1,500.0 | 1,488.9 | 1,503.4 | 1,494.6 | 3.8 | 3.5 | 138.96 | 86.8 | 79.4 | 44.2 | 37.8 | 6.36 | 6.946 | | |
| 1,600.0 | 1,586.1 | 1,603.3 | 1,592.3 | 4.2 | 3.9 | 137.75 | 102.9 | 92.5 | 49.0 | 42.0 | 7.02 | 6.977 | | |
| 1,700.0 | 1,682.9 | 1,703.1 | 1,689.9 | 4.7 | 4.3 | 137.99 | 119.0 | 105.6 | 55.1 | 47.5 | 7.65 | 7.205 | | |
| 1,800.0 | 1,779.5 | 1,802.8 | 1,787.5 | 5.2 | 4.7 | 138.75 | 135.1 | 118.7 | 61.9 | 53.7 | 8.26 | 7.498 | | |
| 1,900.0 | 1,876.1 | 1,902.6 | 1,885.1 | 5.6 | 5.1 | 139.36 | 151.2 | 131.8 | 68.7 | 59.9 | 8.87 | 7.750 | | |
| 2,000.0 | 1,972.7 | 2,002.4 | 1,982.6 | 6.1 | 5.5 | 139.86 | 167.3 | 144.8 | 75.6 | 66.1 | 9.48 | 7.967 | | |
| 2,100.0 | 2,069.3 | 2,102.1 | 2,080.2 | 6.6 | 5.9 | 140.28 | 183.4 | 157.9 | 82.4 | 72.3 | 10.10 | 8.158 | | |
| 2,200.0 | 2,165.9 | 2,201.9 | 2,177.8 | 7.0 | 6.2 | 140.64 | 199.5 | 171.0 | 89.2 | 78.5 | 10.71 | 8.325 | | |
| 2,300.0 | 2,262.5 | 2,301.7 | 2,275.4 | 7.5 | 6.6 | 140.94 | 215.6 | 184.1 | 96.0 | 84.7 | 11.33 | 8.473 | | |
| 2,400.0 | 2,359.1 | 2,401.4 | 2,373.0 | 8.0 | 7.0 | 141.20 | 231.7 | 197.2 | 102.8 | 90.9 | 11.95 | 8.606 | | |
| 2,500.0 | 2,455.7 | 2,501.2 | 2,470.6 | 8.5 | 7.4 | 141.43 | 247.8 | 210.2 | 109.7 | 97.1 | 12.57 | 8.725 | | |
| 2,600.0 | 2,552.3 | 2,601.0 | 2,568.2 | 9.0 | 7.8 | 141.64 | 263.9 | 223.3 | 116.5 | 103.3 | 13.19 | 8.832 | | |
| 2,700.0 | 2,648.8 | 2,700.7 | 2,665.7 | 9.4 | 8.2 | 141.82 | 280.0 | 236.4 | 123.3 | 109.5 | 13.81 | 8.929 | | |
| 2,800.0 | 2,745.4 | 2,800.5 | 2,763.3 | 9.9 | 8.6 | 141.98 | 296.1 | 249.5 | 130.1 | 115.7 | 14.43 | 9.018 | | |
| 2,900.0 | 2,842.0 | 2,900.3 | 2,860.9 | 10.4 | 9.0 | 142.13 | 312.2 | 262.6 | 137.0 | 121.9 | 15.05 | 9.099 | | |
| 3,000.0 | 2,938.6 | 3,000.0 | 2,958.5 | 10.9 | 9.4 | 142.26 | 328.3 | 275.7 | 143.8 | 128.1 | 15.68 | 9.173 | | |
| 3,100.0 | 3,035.2 | 3,099.8 | 3,056.1 | 11.4 | 9.8 | 142.38 | 344.4 | 288.7 | 150.6 | 134.3 | 16.30 | 9.241 | | |
| 3,200.0 | 3,131.8 | 3,199.6 | 3,153.7 | 11.9 | 10.2 | 142.49 | 360.5 | 301.8 | 157.5 | 140.5 | 16.92 | 9.305 | | |
| 3,300.0 | 3,228.4 | 3,299.3 | 3,251.3 | 12.3 | 10.6 | 142.59 | 376.6 | 314.9 | 164.3 | 146.8 | 17.55 | 9.363 | | |
| 3,400.0 | 3,325.0 | 3,399.1 | 3,348.8 | 12.8 | 11.0 | 142.68 | 392.7 | 328.0 | 171.1 | 153.0 | 18.17 | 9.417 | | |
| 3,500.0 | 3,421.6 | 3,498.9 | 3,446.4 | 13.3 | 11.4 | 142.77 | 408.8 | 341.1 | 178.0 | 159.2 | 18.80 | 9.468 | | |
| 3,600.0 | 3,518.2 | 3,598.6 | 3,544.0 | 13.8 | 11.8 | 142.85 | 424.8 | 354.1 | 184.8 | 165.4 | 19.42 | 9.515 | | |
| 3,700.0 | 3,614.8 | 3,698.4 | 3,641.6 | 14.3 | 12.2 | 142.92 | 440.9 | 367.2 | 191.6 | 171.6 | 20.05 | 9.560 | | |
| 3,800.0 | 3,711.4 | 3,798.2 | 3,739.2 | 14.8 | 12.6 | 142.99 | 457.0 | 380.3 | 198.5 | 177.8 | 20.67 | 9.601 | | |
| 3,900.0 | 3,808.0 | 3,897.9 | 3,836.8 | 15.2 | 13.1 | 143.05 | 473.1 | 393.4 | 205.3 | 184.0 | 21.30 | 9.640 | | |
| 4,000.0 | 3,904.6 | 3,997.7 | 3,934.4 | 15.7 | 13.5 | 143.11 | 489.2 | 406.5 | 212.1 | 190.2 | 21.92 | 9.677 | | |
| 4,100.0 | 4,001.1 | 4,097.5 | 4,031.9 | 16.2 | 13.9 | 143.17 | 505.3 | 419.6 | 219.0 | 196.4 | 22.55 | 9.711 | | |
| 4,200.0 | 4,097.7 | 4,197.2 | 4,129.5 | 16.7 | 14.3 | 143.22 | 521.4 | 432.6 | 225.8 | 202.6 | 23.18 | 9.744 | | |
| 4,300.0 | 4,194.3 | 4,295.7 | 4,225.9 | 17.2 | 14.7 | 143.30 | 537.2 | 445.4 | 232.8 | 209.0 | 23.78 | 9.787 | | |
| 4,400.0 | 4,290.9 | 4,392.7 | 4,321.1 | 17.7 | 15.0 | 143.63 | 551.6 | 457.2 | 240.7 | 216.4 | 24.30 | 9.909 | | |
| 4,500.0 | 4,387.5 | 4,489.4 | 4,416.3 | 18.2 | 15.3 | 144.21 | 564.8 | 467.9 | 249.8 | 225.1 | 24.71 | 10.110 | | |
| 4,600.0 | 4,484.5 | 4,586.0 | 4,511.6 | 18.6 | 15.6 | 144.90 | 576.6 | 477.5 | 259.0 | 234.0 | 25.06 | 10.337 | | |
| 4,700.0 | 4,581.8 | 4,682.4 | 4,607.1 | 19.0 | 15.9 | 145.57 | 587.3 | 486.1 | 268.0 | 242.7 | 25.37 | 10.565 | | |
| 4,800.0 | 4,679.5 | 4,778.7 | 4,702.6 | 19.4 | 16.2 | 146.25 | 596.6 | 493.7 | 276.8 | 251.2 | 25.64 | 10.796 | | |
| 4,900.0 | 4,777.6 | 4,874.9 | 4,798.3 | 19.8 | 16.4 | 146.93 | 604.7 | 500.3 | 285.4 | 259.5 | 25.88 | 11.028 | | |
| 5,000.0 | 4,876.0 | 4,971.0 | 4,893.9 | 20.1 | 16.6 | 147.60 | 611.6 | 505.9 | 293.7 | 267.6 | 26.08 | 11.264 | | |
| 5,100.0 | 4,974.7 | 5,066.9 | 4,989.6 | 20.5 | 16.8 | 148.28 | 617.2 | 510.4 | 301.9 | 275.6 | 26.24 | 11.502 | | |

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 Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4B-6H-I368 - 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 | | 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) | Uncertainty Axis | Separation Factor | | |
| 5,200.0 | 5,073.7 | 5,162.8 | 5,085.3 | 20.7 | 16.9 | 148.96 | 621.5 | 514.0 | 309.8 | 283.4 | 26.38 | 11.744 | | |
| 5,300.0 | 5,172.9 | 5,258.5 | 5,180.9 | 21.0 | 17.1 | 149.64 | 624.6 | 516.5 | 317.5 | 291.0 | 26.48 | 11.989 | | |
| 5,400.0 | 5,272.3 | 5,354.1 | 5,276.5 | 21.2 | 17.2 | 150.32 | 626.5 | 518.0 | 325.0 | 298.5 | 26.56 | 12.237 | | |
| 5,500.0 | 5,371.9 | 5,450.0 | 5,372.4 | 21.4 | 17.3 | 151.02 | 627.1 | 518.5 | 332.3 | 305.7 | 26.62 | 12.487 | | |
| 5,600.0 | 5,471.6 | 5,549.2 | 5,471.6 | 21.6 | 17.4 | 151.65 | 627.1 | 518.5 | 338.8 | 312.1 | 26.68 | 12.699 | | |
| 5,700.0 | 5,571.5 | 5,649.1 | 5,571.5 | 21.8 | 17.5 | 152.12 | 627.1 | 518.5 | 343.8 | 317.0 | 26.79 | 12.831 | | |
| 5,800.0 | 5,671.4 | 5,749.0 | 5,671.4 | 21.9 | 17.6 | 152.43 | 627.1 | 518.5 | 347.2 | 320.3 | 26.95 | 12.885 | | |
| 5,900.0 | 5,771.4 | 5,849.0 | 5,771.4 | 22.0 | 17.7 | 152.61 | 627.1 | 518.5 | 349.1 | 322.0 | 27.14 | 12.864 | | |
| 6,000.0 | 5,871.4 | 5,949.0 | 5,871.4 | 22.1 | 17.8 | -179.16 | 627.1 | 518.5 | 349.6 | 314.0 | 35.55 | 9.834 | | |
| 6,100.0 | 5,971.4 | 6,049.0 | 5,971.4 | 22.2 | 17.9 | -179.16 | 627.1 | 518.5 | 349.6 | 313.8 | 35.75 | 9.776 | | |
| 6,200.0 | 6,071.4 | 6,149.0 | 6,071.4 | 22.3 | 18.0 | -179.16 | 627.1 | 518.5 | 349.6 | 313.6 | 35.97 | 9.719 | | |
| 6,300.0 | 6,171.4 | 6,249.0 | 6,171.4 | 22.3 | 18.1 | -179.16 | 627.1 | 518.5 | 349.6 | 313.4 | 36.18 | 9.662 | | |
| 6,400.0 | 6,271.4 | 6,349.0 | 6,271.4 | 22.4 | 18.2 | -179.16 | 627.1 | 518.5 | 349.6 | 313.2 | 36.40 | 9.605 | | |
| 6,454.8 | 6,326.1 | 6,403.7 | 6,326.1 | 22.5 | 18.3 | -179.16 | 627.1 | 518.5 | 349.6 | 313.0 | 36.51 | 9.573 | | |
| 6,500.0 | 6,371.4 | 6,448.8 | 6,371.1 | 22.5 | 18.3 | -179.07 | 627.1 | 518.0 | 349.6 | 312.9 | 36.63 | 9.542 | | |
| 6,600.0 | 6,471.4 | 6,546.8 | 6,468.5 | 22.6 | 18.3 | -177.37 | 627.1 | 507.6 | 349.9 | 312.7 | 37.24 | 9.395 | | |
| 6,700.0 | 6,571.4 | 6,640.3 | 6,559.3 | 22.7 | 18.2 | -83.73 | 627.1 | 485.3 | 351.8 | 324.6 | 27.26 | 12.908 | | |
| 6,800.0 | 6,671.0 | 6,729.4 | 6,642.4 | 22.7 | 18.0 | -79.33 | 627.1 | 453.3 | 356.2 | 330.2 | 25.99 | 13.705 | | |
| 6,900.0 | 6,768.5 | 6,815.8 | 6,718.6 | 22.6 | 17.8 | -75.25 | 627.1 | 412.6 | 362.3 | 337.3 | 24.96 | 14.512 | | |
| 7,000.0 | 6,862.0 | 6,900.0 | 6,787.6 | 22.5 | 17.5 | -71.55 | 627.1 | 364.5 | 369.6 | 345.3 | 24.27 | 15.226 | | |
| 7,100.0 | 6,949.7 | 6,982.4 | 6,849.2 | 22.2 | 17.3 | -68.28 | 627.1 | 309.8 | 377.5 | 353.5 | 23.92 | 15.778 | | |
| 7,200.0 | 7,029.9 | 7,063.2 | 6,903.1 | 22.0 | 17.1 | -65.45 | 627.1 | 249.7 | 385.4 | 361.6 | 23.86 | 16.151 | | |
| 7,300.0 | 7,101.1 | 7,142.6 | 6,949.2 | 21.8 | 17.0 | -63.09 | 627.1 | 185.0 | 393.0 | 369.0 | 24.04 | 16.346 | | |
| 7,400.0 | 7,161.8 | 7,221.1 | 6,987.4 | 21.7 | 16.9 | -61.17 | 627.1 | 116.6 | 399.8 | 375.3 | 24.46 | 16.348 | | |
| 7,500.0 | 7,210.8 | 7,300.0 | 7,018.0 | 21.6 | 17.0 | -59.67 | 627.1 | 43.9 | 405.4 | 380.3 | 25.07 | 16.170 | | |
| 7,600.0 | 7,247.2 | 7,375.9 | 7,039.8 | 21.7 | 17.2 | -58.64 | 627.1 | -28.8 | 409.6 | 383.6 | 25.95 | 15.784 | | |
| 7,700.0 | 7,270.4 | 7,450.0 | 7,053.5 | 21.9 | 17.6 | -58.03 | 627.1 | -101.6 | 412.2 | 385.1 | 27.08 | 15.218 | | |
| 7,800.0 | 7,279.8 | 7,529.1 | 7,059.8 | 22.5 | 18.3 | -57.81 | 627.1 | -180.4 | 413.1 | 384.5 | 28.59 | 14.447 | | |
| 7,898.3 | 7,281.0 | 7,622.1 | 7,060.0 | 23.2 | 19.5 | -57.70 | 627.1 | -273.4 | 413.6 | 382.5 | 31.04 | 13.325 | | |
| 7,900.0 | 7,280.0 | 7,623.8 | 7,060.0 | 23.2 | 19.5 | -57.81 | 627.1 | -275.1 | 413.0 | 381.9 | 31.11 | 13.275 | | |
| 8,000.0 | 7,280.0 | 7,723.8 | 7,060.0 | 24.3 | 21.1 | -57.82 | 627.1 | -375.1 | 413.0 | 378.9 | 34.10 | 12.113 | | |
| 8,100.0 | 7,280.0 | 7,823.8 | 7,060.0 | 25.7 | 22.8 | -57.82 | 627.1 | -475.1 | 413.0 | 375.7 | 37.32 | 11.068 | | |
| 8,200.0 | 7,280.0 | 7,923.8 | 7,060.0 | 27.3 | 24.8 | -57.82 | 627.1 | -575.1 | 413.0 | 372.3 | 40.72 | 10.144 | | |
| 8,300.0 | 7,280.0 | 8,023.8 | 7,060.0 | 29.0 | 26.7 | -57.82 | 627.1 | -675.1 | 413.0 | 368.8 | 44.25 | 9.334 | | |
| 8,400.0 | 7,280.0 | 8,123.8 | 7,060.0 | 30.9 | 28.8 | -57.82 | 627.1 | -775.1 | 413.0 | 365.1 | 47.89 | 8.625 | | |
| 8,500.0 | 7,280.0 | 8,223.8 | 7,060.0 | 32.9 | 31.0 | -57.82 | 627.1 | -875.1 | 413.0 | 361.4 | 51.62 | 8.002 | | |
| 8,600.0 | 7,280.0 | 8,323.8 | 7,060.0 | 34.9 | 33.1 | -57.82 | 627.1 | -975.1 | 413.0 | 357.6 | 55.41 | 7.455 | | |
| 8,700.0 | 7,280.0 | 8,423.8 | 7,060.0 | 37.0 | 35.4 | -57.82 | 627.0 | -1,075.1 | 413.1 | 353.8 | 59.26 | 6.971 | | |
| 8,800.0 | 7,280.0 | 8,523.8 | 7,060.0 | 39.2 | 37.6 | -57.82 | 627.0 | -1,175.1 | 413.1 | 349.9 | 63.15 | 6.541 | | |
| 8,900.0 | 7,280.0 | 8,623.8 | 7,060.0 | 41.4 | 39.9 | -57.82 | 627.0 | -1,275.1 | 413.1 | 346.0 | 67.07 | 6.158 | | |
| 9,000.0 | 7,280.0 | 8,723.8 | 7,060.0 | 43.6 | 42.2 | -57.82 | 627.0 | -1,375.1 | 413.1 | 342.0 | 71.03 | 5.815 | | |
| 9,100.0 | 7,280.0 | 8,823.8 | 7,060.0 | 45.8 | 44.5 | -57.82 | 627.0 | -1,475.1 | 413.1 | 338.0 | 75.02 | 5.506 | | |
| 9,200.0 | 7,280.0 | 8,923.8 | 7,060.0 | 48.1 | 46.8 | -57.82 | 627.0 | -1,575.1 | 413.1 | 334.0 | 79.02 | 5.227 | | |
| 9,300.0 | 7,280.0 | 9,023.8 | 7,060.0 | 50.4 | 49.2 | -57.82 | 627.0 | -1,675.1 | 413.1 | 330.0 | 83.05 | 4.974 | | |
| 9,400.0 | 7,280.0 | 9,123.8 | 7,060.0 | 52.7 | 51.5 | -57.82 | 627.0 | -1,775.1 | 413.1 | 326.0 | 87.09 | 4.743 | | |
| 9,500.0 | 7,280.0 | 9,223.8 | 7,060.0 | 55.0 | 53.9 | -57.82 | 627.0 | -1,875.1 | 413.1 | 321.9 | 91.14 | 4.532 | | |
| 9,600.0 | 7,280.0 | 9,323.8 | 7,060.0 | 57.4 | 56.3 | -57.82 | 627.0 | -1,975.1 | 413.1 | 317.9 | 95.21 | 4.339 | | |
| 9,700.0 | 7,280.0 | 9,423.8 | 7,060.0 | 59.7 | 58.7 | -57.82 | 627.0 | -2,075.1 | 413.1 | 313.8 | 99.28 | 4.161 | | |
| 9,800.0 | 7,280.0 | 9,523.8 | 7,060.0 | 62.1 | 61.1 | -57.82 | 627.0 | -2,175.1 | 413.1 | 309.7 | 103.37 | 3.996 | | |
| 9,900.0 | 7,280.0 | 9,623.8 | 7,060.0 | 64.5 | 63.5 | -57.82 | 627.0 | -2,275.1 | 413.1 | 305.6 | 107.46 | 3.844 | | |
| 10,000.0 | 7,280.0 | 9,723.8 | 7,060.0 | 66.8 | 65.9 | -57.82 | 627.0 | -2,375.1 | 413.1 | 301.5 | 111.57 | 3.703 | | |
| 10,100.0 | 7,280.0 | 9,823.8 | 7,060.0 | 69.2 | 68.3 | -57.82 | 627.0 | -2,475.1 | 413.1 | 297.4 | 115.67 | 3.571 | | |

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 Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4B-6H-I368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: | 0.0 ft |
|-----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|-----------------------------------------|---------------|------------------------------|----------------------|---------|----------|--------------------|--------|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: | 0.0 ft |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Distance | | Total Uncertainty Axis | Separation Factor | Warning | | | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | | Offset Wellbore Centre +N/-S (ft) | +E/-W (ft) | | | | | | |
| 10,200.0 | 7,280.0 | 9,923.8 | 7,060.0 | 71.6 | 70.7 | -57.82 | 627.0 | -2,575.1 | 413.1 | 293.3 | 119.79 | 3.449 | | |
| 10,300.0 | 7,280.0 | 10,023.8 | 7,060.0 | 74.0 | 73.1 | -57.82 | 627.0 | -2,675.1 | 413.1 | 289.2 | 123.91 | 3.334 | | |
| 10,400.0 | 7,280.0 | 10,123.8 | 7,060.0 | 76.4 | 75.5 | -57.82 | 627.0 | -2,775.1 | 413.1 | 285.1 | 128.03 | 3.227 | | |
| 10,500.0 | 7,280.0 | 10,223.8 | 7,060.0 | 78.8 | 78.0 | -57.82 | 627.0 | -2,875.1 | 413.1 | 281.0 | 132.16 | 3.126 | | |
| 10,600.0 | 7,280.0 | 10,323.8 | 7,060.0 | 81.2 | 80.4 | -57.82 | 627.0 | -2,975.1 | 413.1 | 276.8 | 136.30 | 3.031 | | |
| 10,700.0 | 7,280.0 | 10,423.8 | 7,060.0 | 83.6 | 82.8 | -57.82 | 627.0 | -3,075.1 | 413.1 | 272.7 | 140.43 | 2.942 | | |
| 10,800.0 | 7,280.0 | 10,523.8 | 7,060.0 | 86.0 | 85.2 | -57.82 | 627.0 | -3,175.1 | 413.1 | 268.6 | 144.57 | 2.858 | | |
| 10,900.0 | 7,280.0 | 10,623.8 | 7,060.0 | 88.4 | 87.7 | -57.82 | 627.0 | -3,275.1 | 413.1 | 264.4 | 148.72 | 2.778 | | |
| 11,000.0 | 7,280.0 | 10,723.8 | 7,060.0 | 90.9 | 90.1 | -57.82 | 627.0 | -3,375.1 | 413.1 | 260.3 | 152.86 | 2.703 | | |
| 11,100.0 | 7,280.0 | 10,823.8 | 7,060.0 | 93.3 | 92.6 | -57.82 | 627.0 | -3,475.1 | 413.1 | 256.1 | 157.01 | 2.631 | | |
| 11,200.0 | 7,280.0 | 10,923.8 | 7,060.0 | 95.7 | 95.0 | -57.82 | 627.0 | -3,575.1 | 413.1 | 252.0 | 161.16 | 2.563 | | |
| 11,300.0 | 7,280.0 | 11,023.8 | 7,060.0 | 98.1 | 97.4 | -57.83 | 626.9 | -3,675.1 | 413.1 | 247.8 | 165.32 | 2.499 | | |
| 11,400.0 | 7,280.0 | 11,123.8 | 7,060.0 | 100.6 | 99.9 | -57.83 | 626.9 | -3,775.1 | 413.1 | 243.7 | 169.47 | 2.438 | | |
| 11,500.0 | 7,280.0 | 11,223.8 | 7,060.0 | 103.0 | 102.3 | -57.83 | 626.9 | -3,875.1 | 413.2 | 239.5 | 173.63 | 2.379 | | |
| 11,600.0 | 7,280.0 | 11,323.8 | 7,060.0 | 105.4 | 104.8 | -57.83 | 626.9 | -3,975.1 | 413.2 | 235.4 | 177.79 | 2.324 | | |
| 11,700.0 | 7,280.0 | 11,423.8 | 7,060.0 | 107.9 | 107.2 | -57.83 | 626.9 | -4,075.1 | 413.2 | 231.2 | 181.95 | 2.271 | | |
| 11,744.0 | 7,280.0 | 11,467.8 | 7,060.0 | 109.0 | 108.3 | -57.83 | 626.9 | -4,119.1 | 413.2 | 229.4 | 183.78 | 2.248 | | |
| 11,778.2 | 7,280.0 | 11,501.8 | 7,060.0 | 109.8 | 109.1 | -57.83 | 626.9 | -4,153.0 | 413.2 | 228.0 | 185.20 | 2.231 SF | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4C-6H-I368 - 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 | | Separation | | 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) | Uncertainty Axis | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 180.00 | -21.9 | 0.0 | 21.9 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 180.00 | -21.9 | 0.0 | 21.9 | 21.6 | 0.30 | 71.973 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 180.00 | -21.9 | 0.0 | 21.9 | 21.2 | 0.65 | 33.485 CC, ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 152.84 | -21.9 | 0.0 | 22.6 | 21.6 | 1.00 | 22.586 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 155.57 | -21.9 | 0.0 | 25.0 | 23.6 | 1.35 | 18.489 | | |
| 500.0 | 499.9 | 500.2 | 500.2 | 0.9 | 0.9 | 157.72 | -21.4 | 0.8 | 28.5 | 26.8 | 1.70 | 16.741 | | |
| 600.0 | 599.7 | 600.4 | 600.3 | 1.1 | 1.0 | 158.02 | -20.1 | 3.0 | 32.6 | 30.6 | 2.06 | 15.866 | | |
| 700.0 | 699.4 | 700.6 | 700.5 | 1.3 | 1.2 | 157.07 | -18.0 | 6.9 | 37.4 | 34.9 | 2.42 | 15.449 | | |
| 800.0 | 798.9 | 800.9 | 800.5 | 1.5 | 1.4 | 155.31 | -15.0 | 12.2 | 42.7 | 39.9 | 2.79 | 15.297 SF | | |
| 900.0 | 898.3 | 901.1 | 900.4 | 1.8 | 1.6 | 153.09 | -11.1 | 19.1 | 48.8 | 45.6 | 3.19 | 15.300 | | |
| 1,000.0 | 997.4 | 1,001.3 | 1,000.2 | 2.0 | 1.8 | 150.64 | -6.3 | 27.4 | 55.6 | 51.9 | 3.61 | 15.389 | | |
| 1,100.0 | 1,096.3 | 1,101.4 | 1,099.7 | 2.3 | 2.1 | 148.11 | -0.7 | 37.3 | 63.1 | 59.1 | 4.07 | 15.517 | | |
| 1,200.0 | 1,194.9 | 1,201.5 | 1,198.9 | 2.7 | 2.3 | 145.61 | 5.7 | 48.7 | 71.5 | 67.0 | 4.57 | 15.654 | | |
| 1,300.0 | 1,293.3 | 1,301.6 | 1,297.8 | 3.0 | 2.6 | 143.21 | 13.0 | 61.6 | 80.8 | 75.7 | 5.12 | 15.783 | | |
| 1,400.0 | 1,391.2 | 1,401.5 | 1,396.4 | 3.4 | 3.0 | 140.93 | 21.1 | 76.0 | 90.9 | 85.2 | 5.72 | 15.896 | | |
| 1,500.0 | 1,488.9 | 1,500.8 | 1,494.2 | 3.8 | 3.3 | 139.30 | 29.6 | 91.0 | 102.2 | 95.9 | 6.35 | 16.111 | | |
| 1,600.0 | 1,586.1 | 1,600.0 | 1,591.9 | 4.2 | 3.6 | 138.54 | 38.1 | 106.0 | 114.9 | 107.9 | 6.98 | 16.463 | | |
| 1,700.0 | 1,682.9 | 1,699.0 | 1,689.4 | 4.7 | 3.9 | 138.44 | 46.6 | 121.0 | 128.9 | 121.3 | 7.62 | 16.924 | | |
| 1,800.0 | 1,779.5 | 1,798.0 | 1,786.8 | 5.2 | 4.3 | 138.66 | 55.0 | 135.9 | 143.5 | 135.3 | 8.25 | 17.390 | | |
| 1,900.0 | 1,876.1 | 1,896.9 | 1,884.3 | 5.6 | 4.6 | 138.84 | 63.5 | 150.9 | 158.1 | 149.2 | 8.89 | 17.779 | | |
| 2,000.0 | 1,972.7 | 1,995.8 | 1,981.7 | 6.1 | 4.9 | 139.00 | 72.0 | 165.8 | 172.8 | 163.2 | 9.54 | 18.110 | | |
| 2,100.0 | 2,069.3 | 2,094.7 | 2,079.1 | 6.6 | 5.3 | 139.12 | 80.4 | 180.8 | 187.4 | 177.2 | 10.19 | 18.392 | | |
| 2,200.0 | 2,165.9 | 2,193.6 | 2,176.5 | 7.0 | 5.6 | 139.23 | 88.9 | 195.7 | 202.0 | 191.2 | 10.84 | 18.637 | | |
| 2,300.0 | 2,262.5 | 2,292.6 | 2,273.9 | 7.5 | 5.9 | 139.33 | 97.3 | 210.7 | 216.6 | 205.1 | 11.49 | 18.851 | | |
| 2,400.0 | 2,359.1 | 2,391.5 | 2,371.4 | 8.0 | 6.3 | 139.41 | 105.8 | 225.6 | 231.3 | 219.1 | 12.15 | 19.039 | | |
| 2,500.0 | 2,455.7 | 2,490.4 | 2,468.8 | 8.5 | 6.6 | 139.48 | 114.2 | 240.6 | 245.9 | 233.1 | 12.80 | 19.205 | | |
| 2,600.0 | 2,552.3 | 2,589.3 | 2,566.2 | 9.0 | 7.0 | 139.55 | 122.7 | 255.5 | 260.5 | 247.0 | 13.46 | 19.354 | | |
| 2,700.0 | 2,648.8 | 2,688.3 | 2,663.6 | 9.4 | 7.3 | 139.61 | 131.2 | 270.5 | 275.1 | 261.0 | 14.12 | 19.487 | | |
| 2,800.0 | 2,745.4 | 2,787.2 | 2,761.0 | 9.9 | 7.7 | 139.66 | 139.6 | 285.4 | 289.8 | 275.0 | 14.78 | 19.607 | | |
| 2,900.0 | 2,842.0 | 2,886.1 | 2,858.5 | 10.4 | 8.0 | 139.71 | 148.1 | 300.4 | 304.4 | 289.0 | 15.44 | 19.716 | | |
| 3,000.0 | 2,938.6 | 2,985.0 | 2,955.9 | 10.9 | 8.3 | 139.75 | 156.5 | 315.3 | 319.0 | 302.9 | 16.10 | 19.815 | | |
| 3,100.0 | 3,035.2 | 3,084.0 | 3,053.3 | 11.4 | 8.7 | 139.79 | 165.0 | 330.3 | 333.6 | 316.9 | 16.76 | 19.905 | | |
| 3,200.0 | 3,131.8 | 3,182.9 | 3,150.7 | 11.9 | 9.0 | 139.82 | 173.5 | 345.2 | 348.3 | 330.9 | 17.42 | 19.988 | | |
| 3,300.0 | 3,228.4 | 3,281.8 | 3,248.2 | 12.3 | 9.4 | 139.86 | 181.9 | 360.2 | 362.9 | 344.8 | 18.09 | 20.065 | | |
| 3,400.0 | 3,325.0 | 3,380.7 | 3,345.6 | 12.8 | 9.7 | 139.89 | 190.4 | 375.1 | 377.5 | 358.8 | 18.75 | 20.135 | | |
| 3,500.0 | 3,421.6 | 3,479.7 | 3,443.0 | 13.3 | 10.1 | 139.91 | 198.8 | 390.1 | 392.2 | 372.7 | 19.41 | 20.200 | | |
| 3,600.0 | 3,518.2 | 3,578.6 | 3,540.4 | 13.8 | 10.4 | 139.94 | 207.3 | 405.0 | 406.8 | 386.7 | 20.08 | 20.261 | | |
| 3,700.0 | 3,614.8 | 3,677.5 | 3,637.8 | 14.3 | 10.8 | 139.96 | 215.8 | 420.0 | 421.4 | 400.7 | 20.74 | 20.317 | | |
| 3,800.0 | 3,711.4 | 3,776.4 | 3,735.3 | 14.8 | 11.1 | 139.99 | 224.2 | 434.9 | 436.1 | 414.6 | 21.41 | 20.370 | | |
| 3,900.0 | 3,808.0 | 3,875.4 | 3,832.7 | 15.2 | 11.5 | 140.01 | 232.7 | 449.9 | 450.7 | 428.6 | 22.07 | 20.419 | | |
| 4,000.0 | 3,904.6 | 3,972.3 | 3,928.2 | 15.7 | 11.8 | 140.09 | 240.7 | 464.1 | 465.5 | 442.8 | 22.70 | 20.505 | | |
| 4,100.0 | 4,001.1 | 4,068.5 | 4,023.4 | 16.2 | 12.1 | 140.35 | 247.9 | 476.8 | 480.8 | 457.5 | 23.27 | 20.661 | | |
| 4,200.0 | 4,097.7 | 4,164.6 | 4,118.5 | 16.7 | 12.3 | 140.77 | 254.3 | 488.1 | 496.7 | 472.9 | 23.78 | 20.885 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4D-6H-I368 - 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 | | Separation | | 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) | Uncertainty Axis | | | |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 175.13 | -32.8 | 2.8 | 32.9 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 175.13 | -32.8 | 2.8 | 32.9 | 32.6 | 0.30 | 108.350 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 175.13 | -32.8 | 2.8 | 32.9 | 32.3 | 0.65 | 50.409 CC, ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 147.74 | -32.8 | 2.8 | 33.6 | 32.6 | 1.00 | 33.572 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 149.96 | -32.8 | 2.8 | 35.9 | 34.5 | 1.35 | 26.538 | | |
| 500.0 | 499.9 | 499.9 | 499.9 | 0.9 | 0.8 | 153.09 | -32.8 | 2.8 | 39.7 | 38.0 | 1.70 | 23.324 | | |
| 600.0 | 599.7 | 599.7 | 599.7 | 1.1 | 1.0 | 156.57 | -32.8 | 2.8 | 45.2 | 43.2 | 2.05 | 22.033 | | |
| 700.0 | 699.4 | 699.4 | 699.4 | 1.3 | 1.2 | 159.01 | -32.8 | 3.7 | 52.5 | 50.1 | 2.40 | 21.813 SF | | |
| 800.0 | 798.9 | 799.2 | 799.1 | 1.5 | 1.4 | 159.77 | -32.9 | 6.2 | 61.2 | 58.4 | 2.76 | 22.170 | | |
| 900.0 | 898.3 | 898.7 | 898.6 | 1.8 | 1.6 | 159.41 | -33.1 | 10.6 | 71.4 | 68.3 | 3.12 | 22.852 | | |
| 1,000.0 | 997.4 | 998.2 | 997.8 | 2.0 | 1.7 | 158.36 | -33.4 | 16.6 | 83.1 | 79.6 | 3.50 | 23.721 | | |
| 1,100.0 | 1,096.3 | 1,097.4 | 1,096.7 | 2.3 | 1.9 | 156.92 | -33.7 | 24.3 | 96.3 | 92.4 | 3.90 | 24.685 | | |
| 1,200.0 | 1,194.9 | 1,196.3 | 1,195.2 | 2.7 | 2.2 | 155.28 | -34.1 | 33.8 | 111.0 | 106.7 | 4.32 | 25.682 | | |
| 1,300.0 | 1,293.3 | 1,294.9 | 1,293.2 | 3.0 | 2.4 | 153.58 | -34.5 | 44.8 | 127.4 | 122.6 | 4.78 | 26.667 | | |
| 1,400.0 | 1,391.2 | 1,393.2 | 1,390.6 | 3.4 | 2.6 | 151.89 | -35.1 | 57.6 | 145.4 | 140.2 | 5.27 | 27.608 | | |
| 1,500.0 | 1,488.9 | 1,491.0 | 1,487.4 | 3.8 | 2.9 | 150.25 | -35.7 | 71.9 | 165.1 | 159.3 | 5.80 | 28.487 | | |
| 1,600.0 | 1,586.1 | 1,588.4 | 1,583.5 | 4.2 | 3.2 | 148.68 | -36.3 | 87.8 | 186.5 | 180.1 | 6.37 | 29.292 | | |
| 1,700.0 | 1,682.9 | 1,685.6 | 1,679.2 | 4.7 | 3.5 | 147.38 | -37.1 | 104.6 | 209.5 | 202.5 | 6.96 | 30.092 | | |
| 1,800.0 | 1,779.5 | 1,782.7 | 1,774.8 | 5.2 | 3.8 | 146.56 | -37.8 | 121.4 | 233.3 | 225.7 | 7.57 | 30.800 | | |
| 1,900.0 | 1,876.1 | 1,879.7 | 1,870.4 | 5.6 | 4.1 | 145.88 | -38.5 | 138.3 | 257.1 | 248.9 | 8.20 | 31.372 | | |
| 2,000.0 | 1,972.7 | 1,976.8 | 1,966.0 | 6.1 | 4.5 | 145.32 | -39.2 | 155.1 | 281.0 | 272.1 | 8.82 | 31.839 | | |
| 2,100.0 | 2,069.3 | 2,073.9 | 2,061.6 | 6.6 | 4.8 | 144.85 | -39.9 | 172.0 | 304.8 | 295.4 | 9.46 | 32.226 | | |
| 2,200.0 | 2,165.9 | 2,171.0 | 2,157.2 | 7.0 | 5.1 | 144.45 | -40.6 | 188.8 | 328.7 | 318.6 | 10.10 | 32.550 | | |
| 2,300.0 | 2,262.5 | 2,268.1 | 2,252.8 | 7.5 | 5.4 | 144.10 | -41.3 | 205.7 | 352.6 | 341.9 | 10.74 | 32.825 | | |
| 2,400.0 | 2,359.1 | 2,365.1 | 2,348.4 | 8.0 | 5.8 | 143.80 | -42.0 | 222.5 | 376.5 | 365.1 | 11.39 | 33.060 | | |
| 2,500.0 | 2,455.7 | 2,462.2 | 2,444.1 | 8.5 | 6.1 | 143.53 | -42.7 | 239.4 | 400.4 | 388.4 | 12.04 | 33.263 | | |
| 2,600.0 | 2,552.3 | 2,559.3 | 2,539.7 | 9.0 | 6.4 | 143.29 | -43.4 | 256.2 | 424.4 | 411.7 | 12.69 | 33.440 | | |
| 2,700.0 | 2,648.8 | 2,656.4 | 2,635.3 | 9.4 | 6.8 | 143.08 | -44.1 | 273.0 | 448.3 | 435.0 | 13.34 | 33.595 | | |
| 2,800.0 | 2,745.4 | 2,753.5 | 2,730.9 | 9.9 | 7.1 | 142.89 | -44.8 | 289.9 | 472.2 | 458.2 | 14.00 | 33.732 | | |
| 2,900.0 | 2,842.0 | 2,850.5 | 2,826.5 | 10.4 | 7.4 | 142.72 | -45.5 | 306.7 | 496.2 | 481.5 | 14.66 | 33.854 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4E-6H-I368 - 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 | 176.02 | -40.1 | 2.8 | 40.2 | | | | | |
| 100.0 | 100.0 | 100.0 | 100.0 | 0.2 | 0.2 | 176.02 | -40.1 | 2.8 | 40.2 | 39.9 | 0.30 | 132.270 | | |
| 200.0 | 200.0 | 200.0 | 200.0 | 0.3 | 0.3 | 176.02 | -40.1 | 2.8 | 40.2 | 39.5 | 0.65 | 61.537 CC, ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 148.46 | -40.1 | 2.8 | 40.9 | 39.9 | 1.00 | 40.828 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 150.27 | -40.1 | 2.8 | 43.2 | 41.8 | 1.35 | 31.925 | | |
| 500.0 | 499.9 | 499.4 | 499.4 | 0.9 | 0.8 | 152.01 | -40.6 | 3.5 | 47.5 | 45.8 | 1.70 | 27.889 | | |
| 600.0 | 599.7 | 598.7 | 598.6 | 1.1 | 1.0 | 152.74 | -42.0 | 5.6 | 54.4 | 52.3 | 2.06 | 26.426 | | |
| 700.0 | 699.4 | 697.7 | 697.5 | 1.3 | 1.2 | 152.69 | -44.5 | 9.1 | 63.7 | 61.3 | 2.42 | 26.360 SF | | |
| 800.0 | 798.9 | 796.3 | 796.0 | 1.5 | 1.4 | 152.16 | -47.9 | 14.0 | 75.6 | 72.8 | 2.79 | 27.112 | | |
| 900.0 | 898.3 | 894.4 | 893.8 | 1.8 | 1.6 | 151.38 | -52.2 | 20.3 | 90.0 | 86.8 | 3.17 | 28.361 | | |
| 1,000.0 | 997.4 | 992.0 | 991.0 | 2.0 | 1.8 | 150.50 | -57.5 | 27.9 | 106.9 | 103.3 | 3.57 | 29.908 | | |
| 1,100.0 | 1,096.3 | 1,088.9 | 1,087.3 | 2.3 | 2.1 | 149.60 | -63.7 | 36.8 | 126.2 | 122.2 | 3.99 | 31.626 | | |
| 1,200.0 | 1,194.9 | 1,185.1 | 1,182.7 | 2.7 | 2.3 | 148.74 | -70.7 | 46.9 | 148.1 | 143.6 | 4.43 | 33.427 | | |
| 1,300.0 | 1,293.3 | 1,280.5 | 1,277.0 | 3.0 | 2.6 | 147.94 | -78.6 | 58.2 | 172.4 | 167.5 | 4.89 | 35.254 | | |
| 1,400.0 | 1,391.2 | 1,374.9 | 1,370.2 | 3.4 | 2.9 | 147.19 | -87.3 | 70.7 | 199.1 | 193.7 | 5.37 | 37.066 | | |
| 1,500.0 | 1,488.9 | 1,468.4 | 1,462.2 | 3.8 | 3.2 | 146.49 | -96.8 | 84.3 | 228.2 | 222.4 | 5.88 | 38.836 | | |
| 1,600.0 | 1,586.1 | 1,560.8 | 1,552.9 | 4.2 | 3.5 | 145.85 | -106.9 | 99.0 | 259.7 | 253.3 | 6.41 | 40.547 | | |
| 1,700.0 | 1,682.9 | 1,653.7 | 1,643.8 | 4.7 | 3.9 | 145.29 | -117.9 | 114.8 | 293.5 | 286.5 | 6.96 | 42.179 | | |
| 1,800.0 | 1,779.5 | 1,747.6 | 1,735.6 | 5.2 | 4.2 | 145.07 | -129.0 | 130.8 | 327.9 | 320.4 | 7.53 | 43.564 | | |
| 1,900.0 | 1,876.1 | 1,841.5 | 1,827.4 | 5.6 | 4.6 | 144.89 | -140.2 | 146.8 | 362.4 | 354.3 | 8.10 | 44.719 | | |
| 2,000.0 | 1,972.7 | 1,935.3 | 1,919.3 | 6.1 | 4.9 | 144.75 | -151.3 | 162.9 | 396.9 | 388.2 | 8.69 | 45.695 | | |
| 2,100.0 | 2,069.3 | 2,029.2 | 2,011.1 | 6.6 | 5.3 | 144.62 | -162.5 | 178.9 | 431.4 | 422.1 | 9.27 | 46.529 | | |
| 2,200.0 | 2,165.9 | 2,123.1 | 2,102.9 | 7.0 | 5.7 | 144.52 | -173.6 | 194.9 | 465.8 | 456.0 | 9.86 | 47.248 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4F-6H-I368 - Hz - Plan #1 | | | | | | | | | | | | | Offset Site Error: 0.0 ft | |
|-----------------------------------------------------------------------------|---------------------------|---------------------------|---------------------------|-------------------|----------------|-----------------------------|------------------------|---------------|----------------------------|-----------------------------|------------------------------|----------------------|---------------------------|--|
| Survey Program: 0-MWD | | | | | | | | | | | | | Offset Well Error: 0.0 ft | |
| Reference | | Offset | | Semi Major Axis | | Highside Toolface (°) | Offset Wellbore Centre | | Distance | | Total Uncertainty Axis | Separation Factor | Warning | |
| Measured Depth (ft) | Vertical Depth (ft) | Measured Depth (ft) | Vertical Depth (ft) | Reference (ft) | Offset (ft) | | +N/-S (ft) | +E/-W (ft) | Between Centres (ft) | Between Ellipses (ft) | | | | |
| 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 176.87 | -51.0 | 2.8 | 51.1 | | | | | |
| 100.0 | 100.0 | 101.0 | 101.0 | 0.2 | 0.2 | 176.87 | -51.0 | 2.8 | 51.1 | 50.8 | 0.31 | 167.227 | | |
| 200.0 | 200.0 | 201.0 | 201.0 | 0.3 | 0.3 | 176.87 | -51.0 | 2.8 | 51.1 | 50.4 | 0.65 | 78.039 CC, ES | | |
| 300.0 | 300.0 | 301.0 | 301.0 | 0.5 | 0.5 | 149.17 | -51.0 | 2.8 | 51.8 | 50.8 | 1.00 | 51.632 | | |
| 400.0 | 400.0 | 400.0 | 400.0 | 0.7 | 0.7 | 150.03 | -51.7 | 3.3 | 54.8 | 53.5 | 1.35 | 40.529 | | |
| 500.0 | 499.9 | 499.2 | 499.2 | 0.9 | 0.9 | 150.63 | -53.8 | 4.9 | 60.7 | 59.0 | 1.70 | 35.638 | | |
| 600.0 | 599.7 | 597.9 | 597.8 | 1.1 | 1.0 | 150.96 | -57.2 | 7.4 | 69.6 | 67.5 | 2.06 | 33.778 | | |
| 700.0 | 699.4 | 696.2 | 695.8 | 1.3 | 1.2 | 151.07 | -61.9 | 11.0 | 81.3 | 78.9 | 2.42 | 33.585 SF | | |
| 800.0 | 798.9 | 793.9 | 793.3 | 1.5 | 1.4 | 151.03 | -68.0 | 15.6 | 95.9 | 93.1 | 2.79 | 34.385 | | |
| 900.0 | 898.3 | 890.9 | 889.9 | 1.8 | 1.7 | 150.88 | -75.3 | 21.1 | 113.4 | 110.2 | 3.17 | 35.800 | | |
| 1,000.0 | 997.4 | 987.1 | 985.5 | 2.0 | 1.9 | 150.69 | -83.9 | 27.5 | 133.7 | 130.1 | 3.56 | 37.604 | | |
| 1,100.0 | 1,096.3 | 1,082.5 | 1,080.1 | 2.3 | 2.1 | 150.46 | -93.7 | 34.8 | 156.8 | 152.8 | 3.95 | 39.647 | | |
| 1,200.0 | 1,194.9 | 1,176.8 | 1,173.4 | 2.7 | 2.4 | 150.22 | -104.5 | 43.0 | 182.7 | 178.3 | 4.37 | 41.832 | | |
| 1,300.0 | 1,293.3 | 1,270.0 | 1,265.4 | 3.0 | 2.7 | 149.97 | -116.5 | 52.0 | 211.3 | 206.5 | 4.79 | 44.092 | | |
| 1,400.0 | 1,391.2 | 1,362.1 | 1,356.0 | 3.4 | 3.0 | 149.73 | -129.5 | 61.7 | 242.6 | 237.3 | 5.23 | 46.377 | | |
| 1,500.0 | 1,488.9 | 1,452.8 | 1,445.0 | 3.8 | 3.3 | 149.48 | -143.4 | 72.2 | 276.5 | 270.8 | 5.68 | 48.657 | | |
| 1,600.0 | 1,586.1 | 1,542.1 | 1,532.4 | 4.2 | 3.7 | 149.24 | -158.3 | 83.3 | 313.1 | 306.9 | 6.15 | 50.907 | | |
| 1,700.0 | 1,682.9 | 1,630.0 | 1,618.1 | 4.7 | 4.0 | 149.00 | -173.9 | 95.1 | 352.2 | 345.5 | 6.63 | 53.111 | | |
| 1,800.0 | 1,779.5 | 1,716.7 | 1,702.3 | 5.2 | 4.4 | 148.92 | -190.4 | 107.4 | 393.1 | 386.0 | 7.13 | 55.110 | | |
| 1,900.0 | 1,876.1 | 1,802.5 | 1,785.4 | 5.6 | 4.8 | 148.76 | -207.6 | 120.4 | 435.1 | 427.5 | 7.64 | 56.919 | | |
| 2,000.0 | 1,972.7 | 1,893.0 | 1,872.8 | 6.1 | 5.2 | 148.56 | -226.4 | 134.5 | 477.7 | 469.5 | 8.17 | 58.435 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 S6-T3N-R68W (Zisch/Drieth) - Drieth 4G-6H-I368 - 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 | Vertical Depth | Measured Depth | Vertical Depth | Reference | Offset | Highside Toolface | Offset Wellbore Centre | | Between Centres | Between Ellipses | Total Uncertainty Axis | Separation Factor | | |
| (ft) | (ft) | (ft) | (ft) | (ft) | (ft) | (°) | +N/-S (ft) | +E/-W (ft) | (ft) | (ft) | | | | |
| 0.0 | 0.0 | 1.0 | 1.0 | 0.0 | 0.0 | 177.42 | -61.9 | 2.8 | 62.0 | | | | | |
| 100.0 | 100.0 | 101.0 | 101.0 | 0.2 | 0.2 | 177.42 | -61.9 | 2.8 | 62.0 | 61.7 | 0.31 | 202.963 | | |
| 166.3 | 166.3 | 167.3 | 167.3 | 0.3 | 0.3 | 177.42 | -61.9 | 2.8 | 62.0 | 61.5 | 0.54 | 115.448 CC | | |
| 200.0 | 200.0 | 201.0 | 201.0 | 0.3 | 0.3 | 177.42 | -61.9 | 2.8 | 62.0 | 61.3 | 0.65 | 94.718 ES | | |
| 300.0 | 300.0 | 300.0 | 300.0 | 0.5 | 0.5 | 149.29 | -62.7 | 3.2 | 63.5 | 62.5 | 1.00 | 63.408 | | |
| 400.0 | 400.0 | 398.8 | 398.8 | 0.7 | 0.7 | 149.48 | -65.0 | 4.4 | 68.2 | 66.8 | 1.35 | 50.454 | | |
| 500.0 | 499.9 | 497.4 | 497.3 | 0.9 | 0.9 | 149.75 | -68.8 | 6.3 | 75.9 | 74.2 | 1.70 | 44.554 | | |
| 600.0 | 599.7 | 595.6 | 595.3 | 1.1 | 1.1 | 150.04 | -74.1 | 9.0 | 86.6 | 84.5 | 2.06 | 42.084 | | |
| 700.0 | 699.4 | 693.2 | 692.6 | 1.3 | 1.3 | 150.32 | -80.8 | 12.4 | 100.4 | 98.0 | 2.42 | 41.518 SF | | |
| 800.0 | 798.9 | 790.1 | 789.1 | 1.5 | 1.5 | 150.56 | -89.0 | 16.5 | 117.2 | 114.4 | 2.78 | 42.097 | | |
| 900.0 | 898.3 | 886.2 | 884.6 | 1.8 | 1.7 | 150.75 | -98.5 | 21.4 | 137.0 | 133.8 | 3.16 | 43.398 | | |
| 1,000.0 | 997.4 | 981.4 | 979.0 | 2.0 | 2.0 | 150.90 | -109.4 | 26.9 | 159.7 | 156.2 | 3.54 | 45.166 | | |
| 1,100.0 | 1,096.3 | 1,075.5 | 1,072.1 | 2.3 | 2.3 | 151.01 | -121.5 | 33.0 | 185.4 | 181.4 | 3.92 | 47.238 | | |
| 1,200.0 | 1,194.9 | 1,168.5 | 1,163.9 | 2.7 | 2.6 | 151.08 | -134.7 | 39.7 | 213.9 | 209.6 | 4.32 | 49.506 | | |
| 1,300.0 | 1,293.3 | 1,260.1 | 1,254.1 | 3.0 | 2.9 | 151.11 | -149.1 | 47.0 | 245.2 | 240.5 | 4.73 | 51.894 | | |
| 1,400.0 | 1,391.2 | 1,350.5 | 1,342.7 | 3.4 | 3.2 | 151.12 | -164.6 | 54.9 | 279.4 | 274.2 | 5.14 | 54.349 | | |
| 1,500.0 | 1,488.9 | 1,439.3 | 1,429.7 | 3.8 | 3.5 | 151.10 | -181.0 | 63.2 | 316.3 | 310.7 | 5.56 | 56.833 | | |
| 1,600.0 | 1,586.1 | 1,526.6 | 1,514.8 | 4.2 | 3.9 | 151.06 | -198.3 | 72.0 | 355.8 | 349.8 | 6.00 | 59.318 | | |
| 1,700.0 | 1,682.9 | 1,612.3 | 1,598.0 | 4.7 | 4.3 | 151.00 | -216.4 | 81.1 | 398.0 | 391.5 | 6.44 | 61.785 | | |
| 1,800.0 | 1,779.5 | 1,696.6 | 1,679.6 | 5.2 | 4.7 | 151.11 | -235.3 | 90.7 | 442.0 | 435.1 | 6.90 | 64.035 | | |
| 1,900.0 | 1,876.1 | 1,779.8 | 1,759.9 | 5.6 | 5.1 | 151.12 | -254.9 | 100.7 | 487.2 | 479.8 | 7.37 | 66.097 | | |

Anticollision Report

| | | | |
|---------------------------|----------------------------|-------------------------------------|--------------------------------------|
| Company: | EnCana Oil & Gas (USA) Inc | Local Co-ordinate Reference: | Well Drieth 4A-6H-I368 |
| Project: | DJ Wattenberg | TVD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Reference Site: | S6-T3N-R68W (Zisch/Drieth) | MD Reference: | WELL @ 5123.0ft (Original Well Elev) |
| Site Error: | 0.0ft | North Reference: | True |
| Reference Well: | Drieth 4A-6H-I368 | 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 @ 5123.0ft (Original Well Elev)

Offset Depths are relative to Offset Datum

Central Meridian is -105.500000 °

Coordinates are relative to: Drieth 4A-6H-I368

Coordinate System is US State Plane 1983, Colorado Northern Zone

Grid Convergence at Surface is: 0.30°

