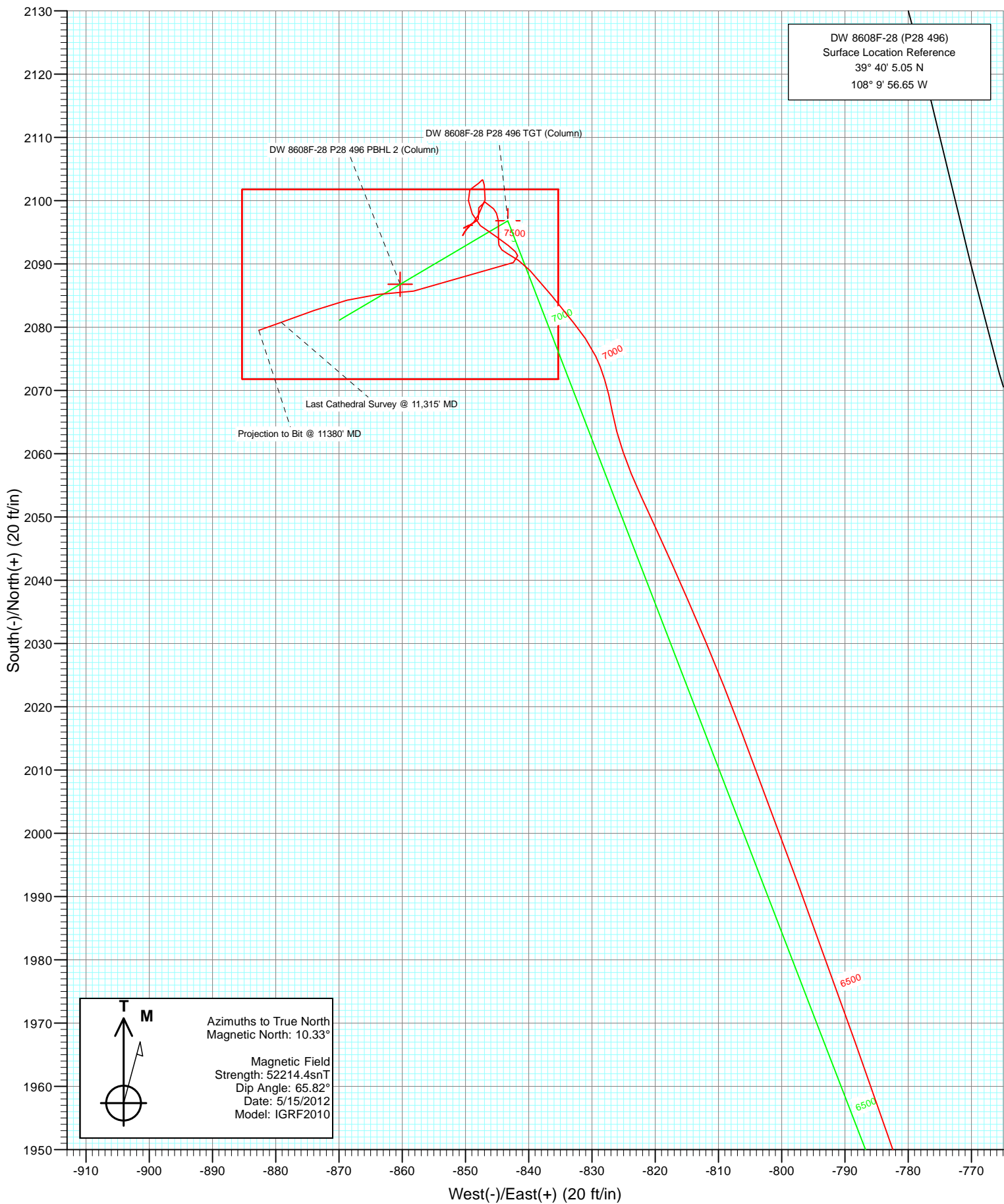


Azimuths to True North  
 Magnetic North: 10.33°  
 Magnetic Field  
 Strength: 52214.4snT  
 Dip Angle: 65.82°  
 Date: 5/15/2012  
 Model: IGRF2010

FINAL  
 DW 8608F-28 (P28 496)  
 125133; 143155; DN

KBE @ 7813.0ft (Patterson 308)  
 North American Datum 1983  
 Well DW 8608F-28 (P28 496), True North

| Type Target                         | Target                              | Azimuth | Origin Type Slot | N/S             | E/W             | From TVD |
|-------------------------------------|-------------------------------------|---------|------------------|-----------------|-----------------|----------|
|                                     | DW 8608F-28 P28 496 PBHL 2 (Column) | 337.59  |                  | 0.0             | 0.0             | 0.0      |
| Name                                | TVD                                 | +N/-S   | +E/-W            | Latitude        | Longitude       |          |
| DW 8608F-28 P28 496 TGT 2 (Column)  | 7253.0                              | 2096.8  | -843.3           | 39° 40' 25.77 N | 108° 10' 7.44 W |          |
| DW 8608F-28 P28 496 PBHL 2 (Column) | 10833.0                             | 2086.8  | -860.3           | 39° 40' 25.67 N | 108° 10' 7.65 W |          |



## Survey Report

|   |  |
|---|--|
| <b>Company:</b> EnCana Oil & Gas (USA) Inc          | <b>Local Co-ordinate Reference:</b> Well DW 8608F-28 (P28 496) |
| <b>Project:</b> Double Willow                       | <b>TVD Reference:</b> KBE @ 7813.0ft (Patterson 308)           |
| <b>Site:</b> S28-T4S-R96W (P28 496)(column pattern) | <b>MD Reference:</b> KBE @ 7813.0ft (Patterson 308)            |
| <b>Well:</b> DW 8608F-28 (P28 496)                  | <b>North Reference:</b> True                                   |
| <b>Wellbore:</b> DD                                 | <b>Survey Calculation Method:</b> Minimum Curvature            |
| <b>Design:</b> FINAL                                | <b>Database:</b> USA EDM 5000 Multi Users DB                   |

|   |                      |                |
|---|----------------------|----------------|
| <b>Project</b> Double Willow                |                      |                |
| <b>Map System:</b> US State Plane 1983      | <b>System Datum:</b> | Mean Sea Level |
| <b>Geo Datum:</b> North American Datum 1983 |                      |                |
| <b>Map Zone:</b> Colorado Central Zone      |                      |                |

|  |          |                     |                 |                          |                 |
|--|----------|---------------------|-----------------|--------------------------|-----------------|
| <b>Site</b> S28-T4S-R96W (P28 496)(column pattern) |          |                     |                 |                          |                 |
| <b>Site Position:</b>                              |          | <b>Northing:</b>    | 1,679,243.29 ft | <b>Latitude:</b>         | 39° 40' 5.13 N  |
| <b>From:</b>                                       | Lat/Long | <b>Easting:</b>     | 2,249,687.54 ft | <b>Longitude:</b>        | 108° 9' 56.55 W |
| <b>Position Uncertainty:</b>                       | 0.0 ft   | <b>Slot Radius:</b> | 13.200 in       | <b>Grid Convergence:</b> | -1.68 °         |

|                                   |              |        |                            |                 |                                   |
|-----------------------------------|--------------|--------|----------------------------|-----------------|-----------------------------------|
| <b>Well</b> DW 8608F-28 (P28 496) |              |        |                            |                 |                                   |
| <b>Well Position</b>              | <b>+N/-S</b> | 0.0 ft | <b>Northing:</b>           | 1,679,235.52 ft | <b>Latitude:</b> 39° 40' 5.05 N   |
|                                   | <b>+E/-W</b> | 0.0 ft | <b>Easting:</b>            | 2,249,679.32 ft | <b>Longitude:</b> 108° 9' 56.65 W |
| <b>Position Uncertainty</b>       |              | 0.0 ft | <b>Wellhead Elevation:</b> | ft              | <b>Ground Level:</b> 7,780.0 ft   |

|                    |                   |                    |                        |                      |                            |
|--------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b> DD |                   |                    |                        |                      |                            |
| <b>Magnetics</b>   | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                    | IGRF2010          | 5/15/2012          | 10.33                  | 65.82                | 52,214                     |

|                          |     |                              |                   |                      |                      |
|--------------------------|-----|------------------------------|-------------------|----------------------|----------------------|
| <b>Design</b> FINAL      |     |                              |                   |                      |                      |
| <b>Audit Notes:</b>      |     |                              |                   |                      |                      |
| <b>Version:</b>          | 1.0 | <b>Phase:</b>                | ACTUAL            | <b>Tie On Depth:</b> | 0.0                  |
| <b>Vertical Section:</b> |     | <b>Depth From (TVD) (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b>    | <b>Direction (°)</b> |
|                          |     | 0.0                          | 0.0               | 0.0                  | 337.59               |

|                                      |                |                          |                  |                    |  |
|--------------------------------------|----------------|--------------------------|------------------|--------------------|--|
| <b>Survey Program</b> Date 6/28/2012 |                |                          |                  |                    |  |
| <b>From (ft)</b>                     | <b>To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 114.0                                | 11,380.0       | Survey #1 (DD)           | MWD              | Geolink MWD        |  |

| <b>Survey</b>       |                 |             |                     |            |            |                       |                       |                      |                       |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
| 0.0                 | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 114.0               | 0.00            | 0.00        | 114.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 144.0               | 0.00            | 0.00        | 144.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 175.0               | 1.10            | 25.00       | 175.0               | 0.3        | 0.1        | 0.2                   | 3.55                  | 3.55                 |                       |
| 205.0               | 1.20            | 25.90       | 205.0               | 0.8        | 0.4        | 0.6                   | 0.34                  | 0.33                 |                       |
| 236.0               | 0.80            | 343.90      | 236.0               | 1.3        | 0.5        | 1.0                   | 2.61                  | -1.29                |                       |
| 266.0               | 1.60            | 332.60      | 266.0               | 1.9        | 0.2        | 1.7                   | 2.77                  | 2.67                 |                       |
| 296.0               | 2.30            | 345.60      | 296.0               | 2.8        | -0.1       | 2.7                   | 2.75                  | 2.33                 |                       |
| 327.0               | 3.30            | 346.50      | 326.9               | 4.3        | -0.5       | 4.2                   | 3.23                  | 3.23                 |                       |
| 358.0               | 4.00            | 331.40      | 357.9               | 6.1        | -1.2       | 6.1                   | 3.82                  | 2.26                 |                       |
| 388.0               | 5.10            | 330.10      | 387.8               | 8.2        | -2.4       | 8.5                   | 3.68                  | 3.67                 |                       |
| 418.0               | 5.50            | 326.30      | 417.6               | 10.6       | -3.8       | 11.2                  | 1.77                  | 1.33                 |                       |
| 449.0               | 5.90            | 326.30      | 448.5               | 13.1       | -5.6       | 14.2                  | 1.29                  | 1.29                 |                       |

## Survey Report

|                  |  |                                     |                                |
|------------------|--|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc             | <b>Local Co-ordinate Reference:</b> | Well DW 8608F-28 (P28 496)     |
| <b>Project:</b>  | Double Willow                          | <b>TD Reference:</b>                | KBE @ 7813.0ft (Patterson 308) |
| <b>Site:</b>     | S28-T4S-R96W (P28 496)(column pattern) | <b>MVD Reference:</b>               | KBE @ 7813.0ft (Patterson 308) |
| <b>Well:</b>     | DW 8608F-28 (P28 496)                  | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                                     | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | FINAL                                  | <b>Database:</b>                    | USA EDM 5000 Multi Users DB    |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                       |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
| 480.0               | 7.40            | 325.90      | 479.3               | 16.1       | -7.6       | 17.8                  | 4.84                  | 4.84                 |                       |
| 510.0               | 7.60            | 322.00      | 509.0               | 19.3       | -9.9       | 21.6                  | 1.82                  | 0.67                 |                       |
| 559.0               | 8.90            | 319.90      | 557.5               | 24.7       | -14.3      | 28.3                  | 2.72                  | 2.65                 |                       |
| 605.0               | 10.50           | 315.90      | 602.9               | 30.4       | -19.5      | 35.6                  | 3.77                  | 3.48                 |                       |
| 651.0               | 11.60           | 317.80      | 648.0               | 36.9       | -25.5      | 43.8                  | 2.52                  | 2.39                 |                       |
| 696.0               | 13.10           | 321.00      | 692.0               | 44.2       | -31.8      | 53.0                  | 3.66                  | 3.33                 |                       |
| 742.0               | 14.80           | 324.10      | 736.6               | 53.0       | -38.5      | 63.7                  | 4.04                  | 3.70                 |                       |
| 788.0               | 16.30           | 323.00      | 780.9               | 62.9       | -45.8      | 75.6                  | 3.32                  | 3.26                 |                       |
| 834.0               | 17.20           | 328.80      | 825.0               | 73.9       | -53.2      | 88.6                  | 4.12                  | 1.96                 |                       |
| 879.0               | 17.90           | 336.30      | 867.9               | 85.9       | -59.5      | 102.1                 | 5.26                  | 1.56                 |                       |
| 925.0               | 19.00           | 338.20      | 911.5               | 99.3       | -65.1      | 116.7                 | 2.72                  | 2.39                 |                       |
| 971.0               | 21.40           | 337.60      | 954.7               | 114.1      | -71.1      | 132.5                 | 5.24                  | 5.22                 |                       |
| 1,063.0             | 22.50           | 338.60      | 1,040.0             | 146.0      | -83.9      | 166.9                 | 1.26                  | 1.20                 |                       |
| 1,154.0             | 22.30           | 338.90      | 1,124.1             | 178.3      | -96.5      | 201.6                 | 0.25                  | -0.22                |                       |
| 1,246.0             | 20.40           | 336.00      | 1,209.8             | 209.2      | -109.3     | 235.1                 | 2.36                  | -2.07                |                       |
| 1,337.0             | 20.30           | 335.70      | 1,295.1             | 238.1      | -122.2     | 266.7                 | 0.16                  | -0.11                |                       |
| 1,429.0             | 20.30           | 335.60      | 1,381.4             | 267.2      | -135.4     | 298.6                 | 0.04                  | 0.00                 |                       |
| 1,520.0             | 18.90           | 341.80      | 1,467.2             | 295.6      | -146.5     | 329.1                 | 2.75                  | -1.54                |                       |
| 1,566.0             | 17.50           | 339.30      | 1,510.9             | 309.1      | -151.3     | 343.4                 | 3.48                  | -3.04                |                       |
| 1,612.0             | 18.10           | 339.10      | 1,554.7             | 322.3      | -156.3     | 357.5                 | 1.31                  | 1.30                 |                       |
| 1,658.0             | 18.80           | 337.90      | 1,598.3             | 335.8      | -161.6     | 372.0                 | 1.73                  | 1.52                 |                       |
| 1,703.0             | 19.60           | 339.60      | 1,640.8             | 349.6      | -167.0     | 386.8                 | 2.17                  | 1.78                 |                       |
| 1,795.0             | 20.50           | 337.20      | 1,727.2             | 378.9      | -178.6     | 418.4                 | 1.33                  | 0.98                 |                       |
| 1,886.0             | 20.50           | 337.00      | 1,812.5             | 408.3      | -191.0     | 450.2                 | 0.08                  | 0.00                 |                       |
| 1,978.0             | 19.50           | 337.20      | 1,898.9             | 437.2      | -203.2     | 481.7                 | 1.09                  | -1.09                |                       |
| 2,091.0             | 18.30           | 338.20      | 2,005.8             | 471.1      | -217.1     | 518.3                 | 1.10                  | -1.06                |                       |
| 2,168.0             | 16.00           | 337.20      | 2,079.4             | 492.1      | -225.7     | 541.0                 | 3.01                  | -2.99                |                       |
| 2,259.0             | 14.70           | 342.90      | 2,167.1             | 514.7      | -234.0     | 565.0                 | 2.19                  | -1.43                |                       |
| 2,351.0             | 16.10           | 340.50      | 2,255.8             | 537.9      | -241.7     | 589.4                 | 1.67                  | 1.52                 |                       |
| 2,442.0             | 17.20           | 341.70      | 2,343.0             | 562.6      | -250.1     | 615.4                 | 1.27                  | 1.21                 |                       |
| 2,534.0             | 19.10           | 340.50      | 2,430.4             | 589.7      | -259.4     | 644.0                 | 2.10                  | 2.07                 |                       |
| 2,625.0             | 22.60           | 342.30      | 2,515.5             | 620.4      | -269.7     | 676.3                 | 3.91                  | 3.85                 |                       |
| 2,717.0             | 22.90           | 341.60      | 2,600.3             | 654.2      | -280.7     | 711.8                 | 0.44                  | 0.33                 |                       |
| 2,808.0             | 22.40           | 340.40      | 2,684.3             | 687.3      | -292.1     | 746.8                 | 0.75                  | -0.55                |                       |
| 2,900.0             | 22.00           | 339.00      | 2,769.5             | 719.9      | -304.2     | 781.5                 | 0.72                  | -0.43                |                       |
| 2,992.0             | 21.50           | 338.30      | 2,854.9             | 751.7      | -316.6     | 815.6                 | 0.61                  | -0.54                |                       |
| 3,083.0             | 20.00           | 337.70      | 2,940.0             | 781.6      | -328.7     | 847.9                 | 1.66                  | -1.65                |                       |
| 3,175.0             | 19.60           | 338.90      | 3,026.6             | 810.5      | -340.2     | 879.0                 | 0.62                  | -0.43                |                       |
| 3,266.0             | 19.60           | 336.00      | 3,112.3             | 838.7      | -351.9     | 909.5                 | 1.07                  | 0.00                 |                       |
| 3,357.0             | 19.60           | 337.20      | 3,198.0             | 866.7      | -364.0     | 940.1                 | 0.44                  | 0.00                 |                       |
| 3,449.0             | 20.60           | 336.80      | 3,284.4             | 895.8      | -376.4     | 971.7                 | 1.10                  | 1.09                 |                       |
| 3,540.0             | 24.10           | 341.20      | 3,368.6             | 928.1      | -388.7     | 1,006.2               | 4.26                  | 3.85                 |                       |
| 3,631.0             | 23.80           | 341.10      | 3,451.8             | 963.1      | -400.6     | 1,043.1               | 0.33                  | -0.33                |                       |
| 3,723.0             | 20.80           | 338.50      | 3,536.9             | 995.9      | -412.6     | 1,078.0               | 3.43                  | -3.26                |                       |
| 3,814.0             | 23.80           | 338.00      | 3,621.1             | 1,027.9    | -425.4     | 1,112.5               | 3.30                  | 3.30                 |                       |
| 3,906.0             | 22.20           | 336.40      | 3,705.7             | 1,061.1    | -439.3     | 1,148.4               | 1.87                  | -1.74                |                       |
| 3,997.0             | 20.10           | 334.90      | 3,790.6             | 1,091.0    | -452.8     | 1,181.2               | 2.38                  | -2.31                |                       |
| 4,089.0             | 19.20           | 337.60      | 3,877.2             | 1,119.3    | -465.3     | 1,212.2               | 1.39                  | -0.98                |                       |
| 4,180.0             | 20.60           | 339.30      | 3,962.8             | 1,148.1    | -476.7     | 1,243.1               | 1.66                  | 1.54                 |                       |
| 4,272.0             | 18.20           | 337.10      | 4,049.6             | 1,176.5    | -488.0     | 1,273.7               | 2.73                  | -2.61                |                       |
| 4,363.0             | 20.10           | 340.50      | 4,135.5             | 1,204.3    | -498.7     | 1,303.5               | 2.42                  | 2.09                 |                       |
| 4,455.0             | 18.30           | 338.60      | 4,222.4             | 1,232.7    | -509.3     | 1,333.7               | 2.07                  | -1.96                |                       |
| 4,546.0             | 19.60           | 337.60      | 4,308.5             | 1,260.1    | -520.3     | 1,363.3               | 1.47                  | 1.43                 |                       |

## Survey Report

|                  |  |                                     |                                |
|------------------|--|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc             | <b>Local Co-ordinate Reference:</b> | Well DW 8608F-28 (P28 496)     |
| <b>Project:</b>  | Double Willow                          | <b>TD Reference:</b>                | KBE @ 7813.0ft (Patterson 308) |
| <b>Site:</b>     | S28-T4S-R96W (P28 496)(column pattern) | <b>MVD Reference:</b>               | KBE @ 7813.0ft (Patterson 308) |
| <b>Well:</b>     | DW 8608F-28 (P28 496)                  | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                                     | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | FINAL                                  | <b>Database:</b>                    | USA EDM 5000 Multi Users DB    |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                                    |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|------------------------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments              |
| 4,638.0             | 18.20           | 335.40      | 4,395.5             | 1,287.4    | -532.2     | 1,393.1               | 1.71                  | -1.52                |                                    |
| 4,730.0             | 20.10           | 340.90      | 4,482.4             | 1,315.4    | -543.3     | 1,423.2               | 2.85                  | 2.07                 |                                    |
| 4,821.0             | 18.80           | 339.70      | 4,568.2             | 1,344.0    | -553.5     | 1,453.5               | 1.49                  | -1.43                |                                    |
| 4,913.0             | 21.10           | 340.80      | 4,654.7             | 1,373.5    | -564.1     | 1,484.8               | 2.53                  | 2.50                 |                                    |
| 5,004.0             | 20.30           | 340.40      | 4,739.8             | 1,403.8    | -574.8     | 1,517.0               | 0.89                  | -0.88                |                                    |
| 5,096.0             | 18.70           | 338.60      | 4,826.6             | 1,432.6    | -585.5     | 1,547.7               | 1.86                  | -1.74                |                                    |
| 5,187.0             | 20.40           | 339.30      | 4,912.3             | 1,461.0    | -596.5     | 1,578.1               | 1.89                  | 1.87                 |                                    |
| 5,279.0             | 19.40           | 340.80      | 4,998.8             | 1,490.5    | -607.2     | 1,609.4               | 1.22                  | -1.09                |                                    |
| 5,370.0             | 18.00           | 339.30      | 5,085.0             | 1,517.9    | -617.1     | 1,638.5               | 1.63                  | -1.54                |                                    |
| 5,462.0             | 18.80           | 340.50      | 5,172.3             | 1,545.2    | -627.1     | 1,667.5               | 0.96                  | 0.87                 |                                    |
| 5,554.0             | 21.00           | 341.70      | 5,258.8             | 1,574.8    | -637.2     | 1,698.8               | 2.43                  | 2.39                 |                                    |
| 5,645.0             | 20.00           | 340.60      | 5,344.1             | 1,605.0    | -647.5     | 1,730.6               | 1.18                  | -1.10                |                                    |
| 5,736.0             | 18.20           | 339.50      | 5,430.0             | 1,632.9    | -657.6     | 1,760.3               | 2.02                  | -1.98                |                                    |
| 5,828.0             | 17.50           | 335.10      | 5,517.6             | 1,659.0    | -668.5     | 1,788.5               | 1.65                  | -0.76                |                                    |
| 5,919.0             | 19.70           | 336.00      | 5,603.9             | 1,685.4    | -680.5     | 1,817.5               | 2.44                  | 2.42                 |                                    |
| 6,011.0             | 17.90           | 332.40      | 5,690.9             | 1,712.1    | -693.4     | 1,847.1               | 2.33                  | -1.96                |                                    |
| 6,103.0             | 18.70           | 334.50      | 5,778.3             | 1,737.9    | -706.3     | 1,875.9               | 1.13                  | 0.87                 |                                    |
| 6,194.0             | 18.80           | 338.80      | 5,864.5             | 1,764.8    | -717.8     | 1,905.1               | 1.52                  | 0.11                 |                                    |
| 6,286.0             | 21.30           | 340.70      | 5,950.9             | 1,794.4    | -728.7     | 1,936.7               | 2.81                  | 2.72                 |                                    |
| 6,378.0             | 20.80           | 341.90      | 6,036.8             | 1,825.7    | -739.3     | 1,969.6               | 0.72                  | -0.54                |                                    |
| 6,469.0             | 20.00           | 341.10      | 6,122.0             | 1,855.7    | -749.4     | 2,001.3               | 0.93                  | -0.88                |                                    |
| 6,561.0             | 18.30           | 340.20      | 6,208.9             | 1,884.2    | -759.4     | 2,031.4               | 1.88                  | -1.85                |                                    |
| 6,653.0             | 19.40           | 340.70      | 6,296.0             | 1,912.2    | -769.3     | 2,061.1               | 1.21                  | 1.20                 |                                    |
| 6,744.0             | 18.50           | 341.10      | 6,382.1             | 1,940.1    | -779.0     | 2,090.6               | 1.00                  | -0.99                |                                    |
| 6,836.0             | 17.60           | 340.30      | 6,469.6             | 1,967.0    | -788.4     | 2,119.1               | 1.01                  | -0.98                |                                    |
| 6,928.0             | 16.60           | 340.00      | 6,557.5             | 1,992.5    | -797.6     | 2,146.1               | 1.09                  | -1.09                |                                    |
| 7,019.0             | 15.30           | 339.20      | 6,645.0             | 2,015.9    | -806.3     | 2,171.1               | 1.45                  | -1.43                |                                    |
| 7,111.0             | 12.70           | 336.30      | 6,734.2             | 2,036.5    | -814.7     | 2,193.3               | 2.93                  | -2.83                |                                    |
| 7,202.0             | 10.40           | 335.10      | 6,823.4             | 2,053.2    | -822.2     | 2,211.5               | 2.54                  | -2.53                |                                    |
| 7,294.0             | 7.50            | 349.30      | 6,914.3             | 2,066.6    | -826.8     | 2,225.7               | 3.94                  | -3.15                |                                    |
| 7,385.0             | 4.20            | 332.90      | 7,004.8             | 2,075.4    | -829.4     | 2,234.9               | 4.03                  | -3.63                |                                    |
| 7,477.0             | 3.80            | 319.50      | 7,096.6             | 2,080.7    | -832.9     | 2,241.1               | 1.10                  | -0.43                |                                    |
| 7,568.0             | 3.20            | 323.00      | 7,187.4             | 2,085.0    | -836.4     | 2,246.4               | 0.70                  | -0.66                |                                    |
| 7,634.3             | 3.27            | 317.26      | 7,253.5             | 2,087.9    | -838.8     | 2,250.0               | 0.50                  | 0.10                 | DW 8608F-28 P28 496 TGT 2 (Column) |
| 7,660.0             | 3.30            | 315.10      | 7,279.3             | 2,089.0    | -839.8     | 2,251.4               | 0.50                  | 0.13                 |                                    |
| 7,752.0             | 2.30            | 295.30      | 7,371.1             | 2,091.6    | -843.3     | 2,255.2               | 1.50                  | -1.09                |                                    |
| 7,843.0             | 1.90            | 8.50        | 7,462.1             | 2,093.9    | -844.8     | 2,257.8               | 2.77                  | -0.44                |                                    |
| 7,935.0             | 1.80            | 350.80      | 7,554.0             | 2,096.8    | -844.8     | 2,260.5               | 0.63                  | -0.11                |                                    |
| 8,026.0             | 0.90            | 310.00      | 7,645.0             | 2,098.7    | -845.6     | 2,262.6               | 1.39                  | -0.99                |                                    |
| 8,117.0             | 1.30            | 307.10      | 7,736.0             | 2,099.8    | -846.9     | 2,264.1               | 0.44                  | 0.44                 |                                    |
| 8,209.0             | 1.90            | 185.00      | 7,828.0             | 2,098.9    | -847.9     | 2,263.6               | 3.06                  | 0.65                 |                                    |
| 8,301.0             | 0.40            | 170.60      | 7,920.0             | 2,097.1    | -848.0     | 2,262.0               | 1.65                  | -1.63                |                                    |
| 8,392.0             | 0.40            | 283.30      | 8,011.0             | 2,096.8    | -848.2     | 2,261.8               | 0.73                  | 0.00                 |                                    |
| 8,483.0             | 1.70            | 228.00      | 8,102.0             | 2,096.0    | -849.5     | 2,261.6               | 1.66                  | 1.43                 |                                    |
| 8,575.0             | 0.80            | 23.90       | 8,193.9             | 2,095.7    | -850.3     | 2,261.6               | 2.67                  | -0.98                |                                    |
| 8,666.0             | 0.70            | 102.90      | 8,284.9             | 2,096.1    | -849.5     | 2,261.7               | 1.05                  | -0.11                |                                    |
| 8,758.0             | 0.20            | 26.30       | 8,376.9             | 2,096.1    | -848.9     | 2,261.5               | 0.74                  | -0.54                |                                    |
| 8,849.0             | 0.50            | 257.70      | 8,467.9             | 2,096.2    | -849.2     | 2,261.6               | 0.71                  | 0.33                 |                                    |
| 8,941.0             | 1.50            | 207.30      | 8,559.9             | 2,095.0    | -850.1     | 2,260.9               | 1.35                  | 1.09                 |                                    |
| 9,032.0             | 0.70            | 25.00       | 8,650.9             | 2,094.5    | -850.5     | 2,260.5               | 2.42                  | -0.88                |                                    |
| 9,118.0             | 0.90            | 35.80       | 8,736.9             | 2,095.5    | -849.8     | 2,261.2               | 0.29                  | 0.23                 |                                    |
| 9,210.0             | 0.60            | 58.90       | 8,828.9             | 2,096.3    | -849.0     | 2,261.7               | 0.46                  | -0.33                |                                    |
| 9,301.0             | 0.20            | 250.20      | 8,919.9             | 2,096.5    | -848.7     | 2,261.8               | 0.88                  | -0.44                |                                    |

## Survey Report

|   |  |
|---|--|
| <b>Company:</b> EnCana Oil & Gas (USA) Inc          | <b>Local Co-ordinate Reference:</b> Well DW 8608F-28 (P28 496) |
| <b>Project:</b> Double Willow                       | <b>TVD Reference:</b> KBE @ 7813.0ft (Patterson 308)           |
| <b>Site:</b> S28-T4S-R96W (P28 496)(column pattern) | <b>MD Reference:</b> KBE @ 7813.0ft (Patterson 308)            |
| <b>Well:</b> DW 8608F-28 (P28 496)                  | <b>North Reference:</b> True                                   |
| <b>Wellbore:</b> DD                                 | <b>Survey Calculation Method:</b> Minimum Curvature            |
| <b>Design:</b> FINAL                                | <b>Database:</b> USA EDM 5000 Multi Users DB                   |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                                     |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-------------------------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments               |
| 9,393.0             | 2.00            | 36.40       | 9,011.9             | 2,097.8    | -847.9     | 2,262.6               | 2.36                  | 1.96                 |                                     |
| 9,484.0             | 1.40            | 6.00        | 9,102.8             | 2,100.2    | -846.9     | 2,264.4               | 1.17                  | -0.66                |                                     |
| 9,576.0             | 1.50            | 347.00      | 9,194.8             | 2,102.5    | -847.0     | 2,266.6               | 0.53                  | 0.11                 |                                     |
| 9,667.0             | 0.40            | 188.80      | 9,285.8             | 2,103.3    | -847.4     | 2,267.5               | 2.06                  | -1.21                |                                     |
| 9,759.0             | 0.70            | 246.30      | 9,377.8             | 2,102.8    | -847.9     | 2,267.2               | 0.64                  | 0.33                 |                                     |
| 9,850.0             | 1.50            | 227.80      | 9,468.8             | 2,101.7    | -849.3     | 2,266.8               | 0.95                  | 0.88                 |                                     |
| 9,942.0             | 1.40            | 143.10      | 9,560.8             | 2,100.0    | -849.5     | 2,265.3               | 2.12                  | -0.11                |                                     |
| 10,034.0            | 1.50            | 183.50      | 9,652.7             | 2,097.9    | -848.9     | 2,263.1               | 1.09                  | 0.11                 |                                     |
| 10,125.0            | 1.90            | 117.10      | 9,743.7             | 2,096.0    | -847.7     | 2,260.9               | 2.08                  | 0.44                 |                                     |
| 10,216.0            | 1.90            | 131.50      | 9,834.6             | 2,094.4    | -845.2     | 2,258.4               | 0.52                  | 0.00                 |                                     |
| 10,308.0            | 1.20            | 118.70      | 9,926.6             | 2,092.9    | -843.2     | 2,256.3               | 0.84                  | -0.76                |                                     |
| 10,400.0            | 0.70            | 153.30      | 10,018.6            | 2,091.9    | -842.1     | 2,255.0               | 0.80                  | -0.54                |                                     |
| 10,491.0            | 0.20            | 146.10      | 10,109.6            | 2,091.3    | -841.8     | 2,254.3               | 0.55                  | -0.55                |                                     |
| 10,583.0            | 1.50            | 219.30      | 10,201.6            | 2,090.2    | -842.4     | 2,253.5               | 1.58                  | 1.41                 |                                     |
| 10,949.0            | 4.00            | 266.40      | 10,567.2            | 2,085.7    | -858.2     | 2,255.4               | 0.87                  | 0.68                 |                                     |
| 11,041.0            | 3.10            | 262.20      | 10,659.0            | 2,085.2    | -863.9     | 2,257.0               | 1.02                  | -0.98                |                                     |
| 11,132.0            | 3.10            | 256.30      | 10,749.9            | 2,084.3    | -868.7     | 2,258.0               | 0.35                  | 0.00                 |                                     |
| 11,214.5            | 3.64            | 250.46      | 10,832.2            | 2,082.9    | -873.3     | 2,258.5               | 0.77                  | 0.65                 | DW 8608F-28 P28 496 PBHL 2 (Column) |
| 11,224.0            | 3.70            | 249.90      | 10,841.7            | 2,082.7    | -873.9     | 2,258.5               | 0.77                  | 0.67                 |                                     |
| 11,315.0            | 3.30            | 250.40      | 10,932.5            | 2,080.8    | -879.1     | 2,258.8               | 0.44                  | -0.44                | Last Cathedral Survey @ 11,315' MD  |
| 11,380.0            | 3.30            | 250.40      | 10,997.4            | 2,079.5    | -882.7     | 2,259.0               | 0.00                  | 0.00                 | Projection to Bit @ 11380' MD       |

| Targets  |               |              |          |            |            |               |              |                 |                 |
|--|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-----------------|
| Target Name  | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude        | Longitude       |
| DW 8608F-28 P28 496 f<br>- hit/miss target<br>- Shape  | 0.00          | 0.00         | 10,851.0 | 2,086.8    | -860.3     | 1,681,346.64  | 2,248,880.59 | 39° 40' 25.67 N | 108° 10' 7.65 W |
| - actual wellpath misses target center by 14.8ft at 11232.4ft MD (10850.1 TVD, 2082.5 N, -874.4 E) |               |              |          |            |            |               |              |                 |                 |
| - Rectangle (sides W30.0 H50.0 D0.0)   |               |              |          |            |            |               |              |                 |                 |
| DW 8608F-28 P28 496 †  | 0.00          | 0.00         | 7,191.0  | 2,096.8    | -843.3     | 1,681,356.18  | 2,248,897.90 | 39° 40' 25.77 N | 108° 10' 7.44 W |
| - actual wellpath misses target center by 13.4ft at 7572.4ft MD (7191.7 TVD, 2085.2 N, -836.5 E)   |               |              |          |            |            |               |              |                 |                 |
| - Point  |               |              |          |            |            |               |              |                 |                 |
| DW 8608F-28 P28 496 †  | 0.00          | 0.00         | 7,253.0  | 2,096.8    | -843.3     | 1,681,356.18  | 2,248,897.90 | 39° 40' 25.77 N | 108° 10' 7.44 W |
| - actual wellpath misses target center by 10.0ft at 7634.3ft MD (7253.5 TVD, 2087.9 N, -838.8 E)   |               |              |          |            |            |               |              |                 |                 |
| - Point  |               |              |          |            |            |               |              |                 |                 |
| DW 8608F-28 P28 496 f  | 0.00          | 0.00         | 10,833.0 | 2,086.8    | -860.3     | 1,681,346.64  | 2,248,880.59 | 39° 40' 25.67 N | 108° 10' 7.65 W |
| - actual wellpath misses target center by 13.6ft at 11214.5ft MD (10832.2 TVD, 2082.9 N, -873.3 E) |               |              |          |            |            |               |              |                 |                 |
| - Rectangle (sides W30.0 H50.0 D0.0)   |               |              |          |            |            |               |              |                 |                 |

| Design Annotations  |                     |            |            |                                    |
|---------------------|---------------------|------------|------------|------------------------------------|
| Measured Depth (ft) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Comment                            |
| 11,315.0            | 10,932.5            | 2,080.8    | -879.1     | Last Cathedral Survey @ 11,315' MD |
| 11,380.0            | 10,997.4            | 2,079.5    | -882.7     | Projection to Bit @ 11380' MD      |

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_