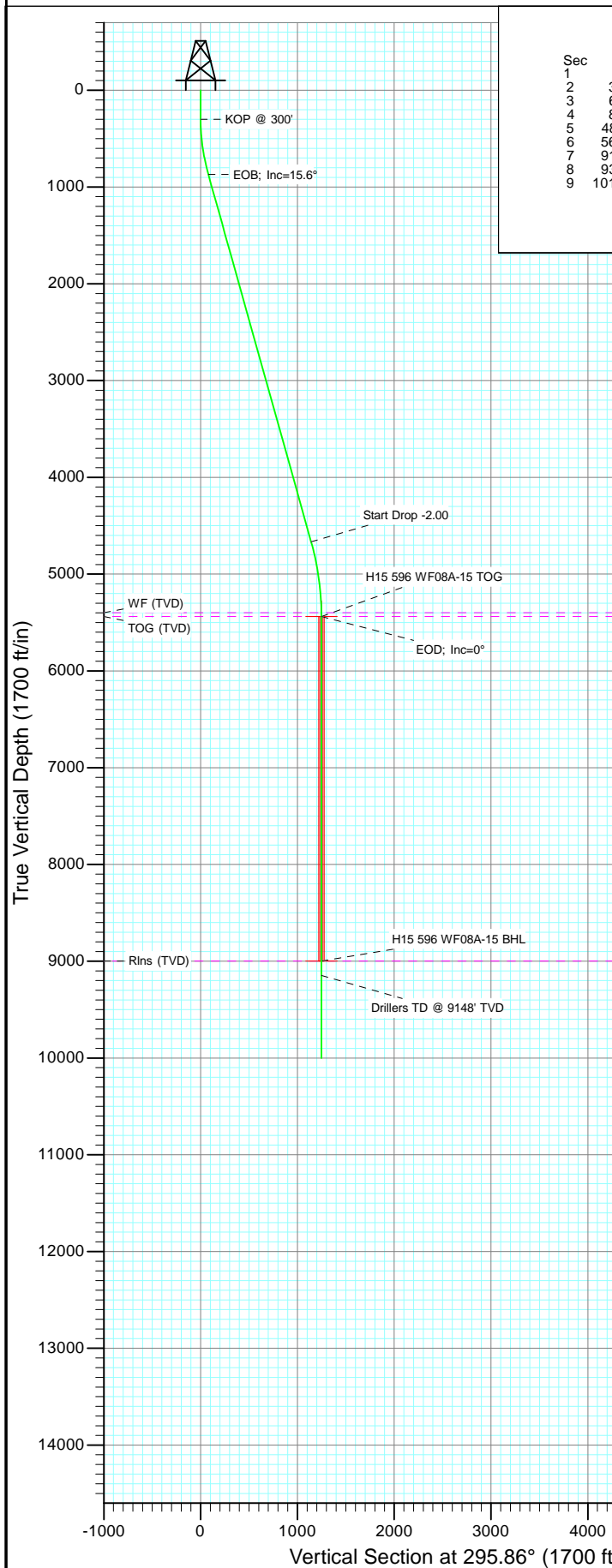
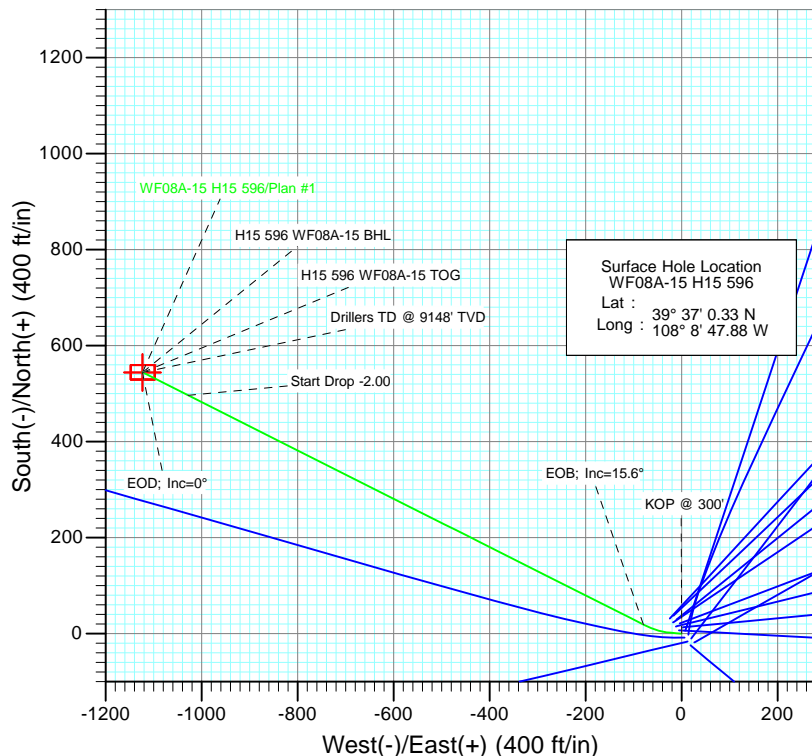




Project: North Piceance  
Site: H15 596 (S15-T5S-96W)  
Well: WF08A-15 H15 596  
Wellbore: DD  
Design: Plan #1



| SECTION DETAILS |         |       |        |         |       |         |      |        |        |                      |
|-----------------|---------|-------|--------|---------|-------|---------|------|--------|--------|----------------------|
| Sec             | MD      | Inc   | Azi    | TVD     | +N/-S | +E/-W   | Dleg | TFace  | VSec   | Target               |
| 1               | 0.0     | 0.00  | 0.00   | 0.0     | 0.0   | 0.0     | 0.00 | 0.00   | 0.0    |                      |
| 2               | 300.0   | 0.00  | 0.00   | 300.0   | 0.0   | 0.0     | 0.00 | 0.00   | 0.0    |                      |
| 3               | 633.3   | 10.00 | 275.00 | 631.6   | 2.5   | -28.9   | 3.00 | 275.00 | 27.1   |                      |
| 4               | 877.3   | 15.63 | 296.72 | 869.6   | 19.2  | -79.4   | 3.00 | 51.50  | 79.8   |                      |
| 5               | 4819.6  | 15.63 | 296.72 | 4666.1  | 496.8 | -1028.3 | 0.00 | 0.00   | 1142.0 |                      |
| 6               | 5601.2  | 0.00  | 0.00   | 5438.0  | 544.4 | -1122.9 | 2.00 | 180.00 | 1247.9 | H15 596 WF08A-15 TOG |
| 7               | 9161.2  | 0.00  | 0.00   | 8998.0  | 544.4 | -1122.9 | 0.00 | 0.00   | 1247.9 | H15 596 WF08A-15 BHL |
| 8               | 9311.2  | 0.00  | 0.00   | 9148.0  | 544.4 | -1122.9 | 0.00 | 0.00   | 1247.9 |                      |
| 9               | 10163.2 | 0.00  | 0.00   | 10000.0 | 544.4 | -1122.9 | 0.00 | 0.00   | 1247.9 |                      |



Surface Hole Location  
WF08A-15 H15 596  
Lat : 39° 37' 0.33 N  
Long : 108° 8' 47.88 W



Azimuths to True North  
Magnetic North: 10.44°

Magnetic Field  
Strength: 52294.6nT  
Dip Angle: 65.81°  
Date: 6/7/2011  
Model: IGRF2010

#### FORMATION TOP DETAILS

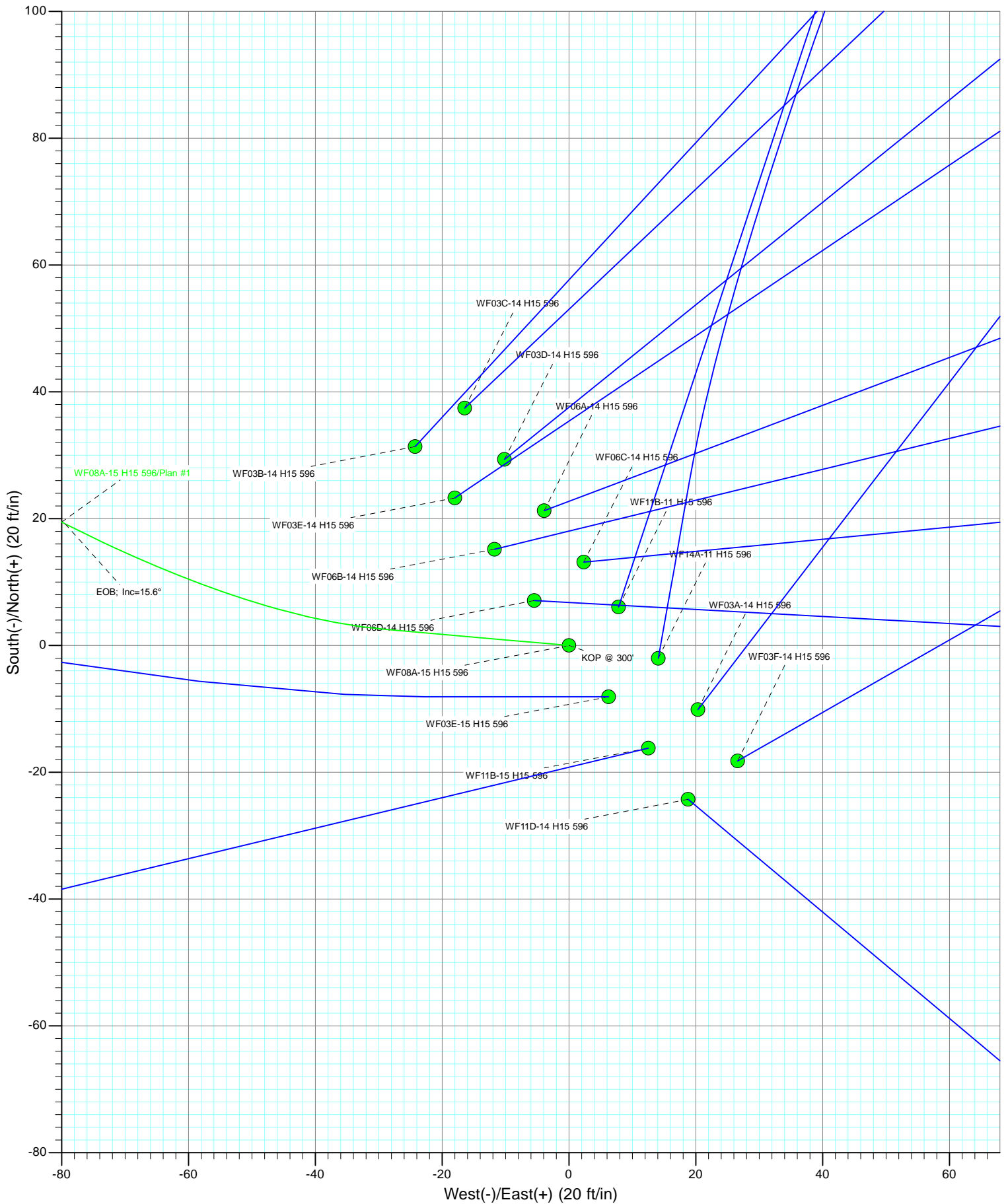
| TVDPath | MDPath | Formation  |
|---------|--------|------------|
| 5398.0  | 5561.2 | WF (TVD)   |
| 5438.0  | 5601.2 | TOG (TVD)  |
| 8998.0  | 9161.2 | Rins (TVD) |

Plan #1  
WF08A-15 H15 596  
115xxx; LR  
KBE @ 6453.0ft (Original Well Elev)  
North American Datum 1983  
Well WF08A-15 H15 596, True North

| Type                 | Target               | Azimuth | Origin  | Type           | N/S            | E/W | From |
|----------------------|----------------------|---------|---------|----------------|----------------|-----|------|
| Target               | H15 596 WF08A-15 BHL | 295.86  | Slot    |                | 0.0            | 0.0 | TVD  |
|                      |                      |         |         |                |                |     | 0.0  |
| Name                 | TVD                  | +N/-S   | +E/-W   | Latitude       | Longitude      |     |      |
| H15 596 WF08A-15 TOG | 5438.0               | 544.4   | -1122.9 | 39° 37' 5.71 N | 108° 9' 2.23 W |     |      |
| H15 596 WF08A-15 BHL | 8998.0               | 544.4   | -1122.9 | 39° 37' 5.71 N | 108° 9' 2.23 W |     |      |

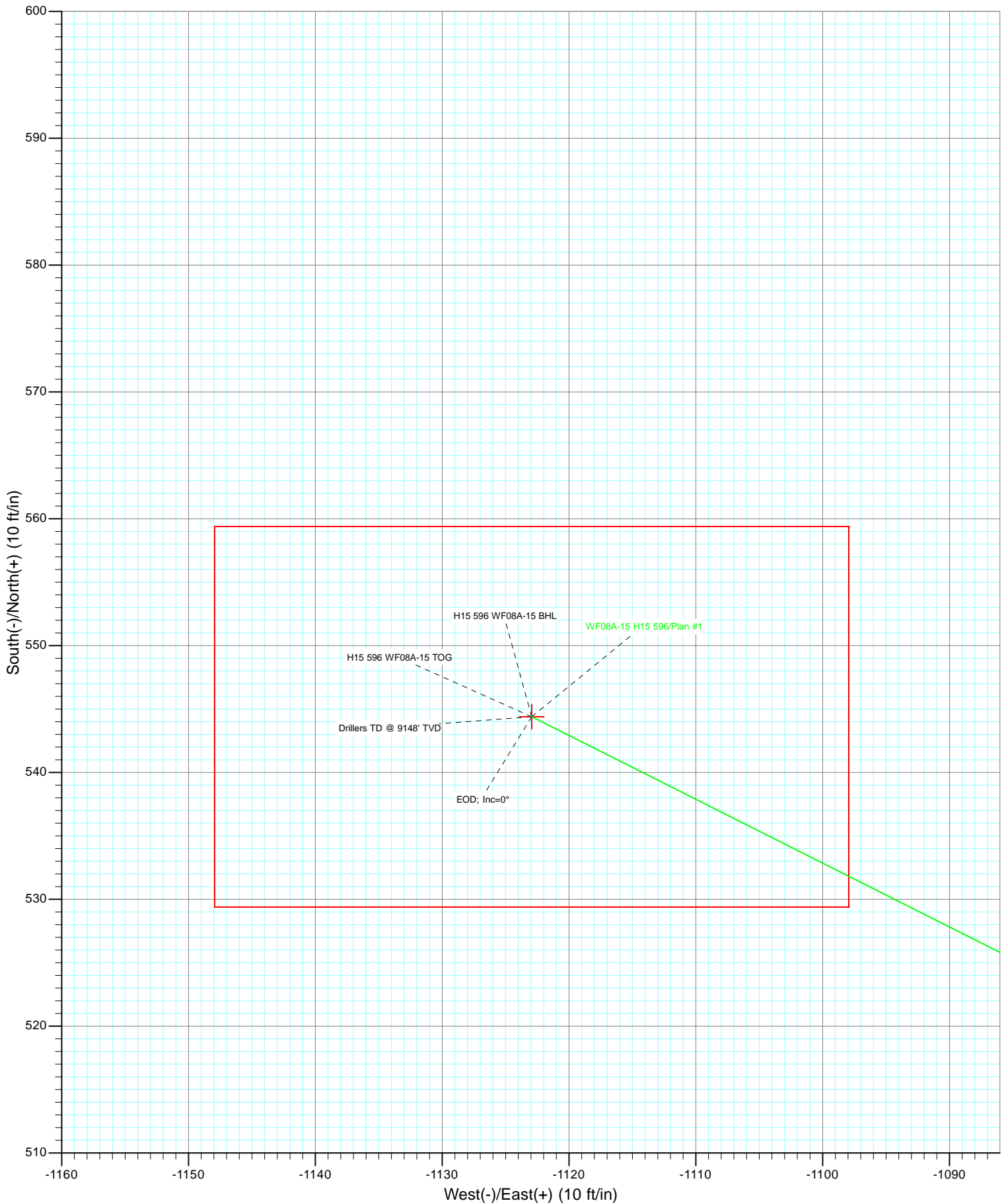


Project: North Piceance  
Site: H15 596 (S15-T5S-96W)  
Well: WF08A-15 H15 596  
Wellbore: DD  
Design: Plan #1





Project: North Piceance  
Site: H15 596 (S15-T5S-96W)  
Well: WF08A-15 H15 596  
Wellbore: DD  
Design: Plan #1



## Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | Plan #1                      |                                     |                                     |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | North Piceance            |                      |                |
| <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>                  | H15 596 (S15-T5S-96W) |                     |                 |                                   |
| <b>Site Position:</b>        |                       | <b>Northing:</b>    | 1,660,371.18 ft | <b>Latitude:</b> 39° 37' 0.09 N   |
| <b>From:</b>                 | Lat/Long              | <b>Easting:</b>     | 2,254,528.31 ft | <b>Longitude:</b> 108° 8' 47.64 W |
| <b>Position Uncertainty:</b> | 0.0 ft                | <b>Slot Radius:</b> | 13.200 in       | <b>Grid Convergence:</b> -1.67 °  |

|                             |                  |        |                            |                 |
|-----------------------------|------------------|--------|----------------------------|-----------------|
| <b>Well</b>                 | WF08A-15 H15 596 |        |                            |                 |
| <b>Well Position</b>        | <b>+N/-S</b>     | 0.0 ft | <b>Northing:</b>           | 1,660,395.98 ft |
|                             | <b>+E/-W</b>     | 0.0 ft | <b>Easting:</b>            | 2,254,510.24 ft |
| <b>Position Uncertainty</b> | 0.0 ft           |        | <b>Wellhead Elevation:</b> | ft              |
|                             |                  |        | <b>Ground Level:</b>       | 6,431.0 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          | 6/7/2011           | 10.44                  | 65.81                | 52,295                     |

|                          |                              |                   |                   |                      |     |
|--------------------------|------------------------------|-------------------|-------------------|----------------------|-----|
| <b>Design</b>            | Plan #1                      |                   |                   |                      |     |
| <b>Audit Notes:</b>      |                              |                   |                   |                      |     |
| <b>Version:</b>          | <b>Phase:</b>                | PLAN              |                   | <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               | 295.86               |     |

| <b>Plan Sections</b> |                 |             |                     |            |            |                       |                      |                     |         |                    |
|----------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|----------------------|---------------------|---------|--------------------|
| 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    |                    |
| 300.0                | 0.00            | 0.00        | 300.0               | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 633.3                | 10.00           | 275.00      | 631.6               | 2.5        | -28.9      | 3.00                  | 3.00                 | 0.00                | 275.00  |                    |
| 877.3                | 15.63           | 296.72      | 869.6               | 19.2       | -79.4      | 3.00                  | 2.31                 | 8.90                | 51.50   |                    |
| 4,819.6              | 15.63           | 296.72      | 4,666.1             | 496.8      | -1,028.3   | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 5,601.2              | 0.00            | 0.00        | 5,438.0             | 544.4      | -1,122.9   | 2.00                  | -2.00                | 0.00                | 180.00  | H15 596 WF08A-15 T |
| 9,161.2              | 0.00            | 0.00        | 8,998.0             | 544.4      | -1,122.9   | 0.00                  | 0.00                 | 0.00                | 0.00    | H15 596 WF08A-15 E |
| 9,311.2              | 0.00            | 0.00        | 9,148.0             | 544.4      | -1,122.9   | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |
| 10,163.2             | 0.00            | 0.00        | 10,000.0            | 544.4      | -1,122.9   | 0.00                  | 0.00                 | 0.00                | 0.00    |                    |

# Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | 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                 |                       |
| 30.0                | 0.00            | 0.00        | 30.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 60.0                | 0.00            | 0.00        | 60.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 90.0                | 0.00            | 0.00        | 90.0                | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 120.0               | 0.00            | 0.00        | 120.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 150.0               | 0.00            | 0.00        | 150.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 180.0               | 0.00            | 0.00        | 180.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 210.0               | 0.00            | 0.00        | 210.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 240.0               | 0.00            | 0.00        | 240.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 270.0               | 0.00            | 0.00        | 270.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 300.0               | 0.00            | 0.00        | 300.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | KOP @ 300'            |
| 330.0               | 0.90            | 275.00      | 330.0               | 0.0        | -0.2       | 0.2                   | 3.00                  | 3.00                 |                       |
| 360.0               | 1.80            | 275.00      | 360.0               | 0.1        | -0.9       | 0.9                   | 3.00                  | 3.00                 |                       |
| 390.0               | 2.70            | 275.00      | 390.0               | 0.2        | -2.1       | 2.0                   | 3.00                  | 3.00                 |                       |
| 420.0               | 3.60            | 275.00      | 419.9               | 0.3        | -3.8       | 3.5                   | 3.00                  | 3.00                 |                       |
| 450.0               | 4.50            | 275.00      | 449.8               | 0.5        | -5.9       | 5.5                   | 3.00                  | 3.00                 |                       |
| 480.0               | 5.40            | 275.00      | 479.7               | 0.7        | -8.4       | 7.9                   | 3.00                  | 3.00                 |                       |
| 510.0               | 6.30            | 275.00      | 509.6               | 1.0        | -11.5      | 10.8                  | 3.00                  | 3.00                 |                       |
| 540.0               | 7.20            | 275.00      | 539.4               | 1.3        | -15.0      | 14.1                  | 3.00                  | 3.00                 |                       |
| 570.0               | 8.10            | 275.00      | 569.1               | 1.7        | -19.0      | 17.8                  | 3.00                  | 3.00                 |                       |
| 600.0               | 9.00            | 275.00      | 598.8               | 2.0        | -23.4      | 22.0                  | 3.00                  | 3.00                 |                       |
| 630.0               | 9.90            | 275.00      | 628.4               | 2.5        | -28.3      | 26.6                  | 3.00                  | 3.00                 |                       |
| 633.3               | 10.00           | 275.00      | 631.6               | 2.5        | -28.9      | 27.1                  | 3.00                  | 3.00                 |                       |
| 660.0               | 10.52           | 278.43      | 657.9               | 3.1        | -33.6      | 31.6                  | 3.00                  | 1.94                 |                       |
| 690.0               | 11.14           | 281.90      | 687.4               | 4.1        | -39.2      | 37.0                  | 3.00                  | 2.07                 |                       |
| 720.0               | 11.79           | 285.00      | 716.8               | 5.5        | -45.0      | 42.8                  | 3.00                  | 2.19                 |                       |
| 750.0               | 12.48           | 287.77      | 746.1               | 7.3        | -51.0      | 49.1                  | 3.00                  | 2.29                 |                       |
| 780.0               | 13.19           | 290.25      | 775.3               | 9.4        | -57.3      | 55.7                  | 3.00                  | 2.37                 |                       |
| 810.0               | 13.92           | 292.48      | 804.5               | 12.0       | -63.9      | 62.7                  | 3.00                  | 2.44                 |                       |
| 840.0               | 14.68           | 294.49      | 833.6               | 15.0       | -70.6      | 70.1                  | 3.00                  | 2.50                 |                       |
| 870.0               | 15.44           | 296.30      | 862.5               | 18.3       | -77.7      | 77.9                  | 3.00                  | 2.56                 |                       |
| 877.3               | 15.63           | 296.72      | 869.6               | 19.2       | -79.4      | 79.8                  | 3.00                  | 2.59                 | EOB; Inc=15.6°        |
| 900.0               | 15.63           | 296.72      | 891.4               | 21.9       | -84.9      | 86.0                  | 0.00                  | 0.00                 |                       |
| 930.0               | 15.63           | 296.72      | 920.3               | 25.6       | -92.1      | 94.0                  | 0.00                  | 0.00                 |                       |
| 960.0               | 15.63           | 296.72      | 949.2               | 29.2       | -99.3      | 102.1                 | 0.00                  | 0.00                 |                       |
| 990.0               | 15.63           | 296.72      | 978.1               | 32.8       | -106.6     | 110.2                 | 0.00                  | 0.00                 |                       |
| 1,020.0             | 15.63           | 296.72      | 1,007.0             | 36.5       | -113.8     | 118.3                 | 0.00                  | 0.00                 |                       |
| 1,050.0             | 15.63           | 296.72      | 1,035.9             | 40.1       | -121.0     | 126.4                 | 0.00                  | 0.00                 |                       |
| 1,080.0             | 15.63           | 296.72      | 1,064.8             | 43.7       | -128.2     | 134.5                 | 0.00                  | 0.00                 |                       |
| 1,110.0             | 15.63           | 296.72      | 1,093.7             | 47.4       | -135.4     | 142.5                 | 0.00                  | 0.00                 |                       |
| 1,140.0             | 15.63           | 296.72      | 1,122.6             | 51.0       | -142.7     | 150.6                 | 0.00                  | 0.00                 |                       |
| 1,170.0             | 15.63           | 296.72      | 1,151.4             | 54.6       | -149.9     | 158.7                 | 0.00                  | 0.00                 |                       |
| 1,200.0             | 15.63           | 296.72      | 1,180.3             | 58.3       | -157.1     | 166.8                 | 0.00                  | 0.00                 |                       |
| 1,230.0             | 15.63           | 296.72      | 1,209.2             | 61.9       | -164.3     | 174.9                 | 0.00                  | 0.00                 |                       |
| 1,260.0             | 15.63           | 296.72      | 1,238.1             | 65.5       | -171.5     | 183.0                 | 0.00                  | 0.00                 |                       |
| 1,290.0             | 15.63           | 296.72      | 1,267.0             | 69.2       | -178.8     | 191.0                 | 0.00                  | 0.00                 |                       |
| 1,320.0             | 15.63           | 296.72      | 1,295.9             | 72.8       | -186.0     | 199.1                 | 0.00                  | 0.00                 |                       |
| 1,350.0             | 15.63           | 296.72      | 1,324.8             | 76.4       | -193.2     | 207.2                 | 0.00                  | 0.00                 |                       |
| 1,380.0             | 15.63           | 296.72      | 1,353.7             | 80.1       | -200.4     | 215.3                 | 0.00                  | 0.00                 |                       |
| 1,410.0             | 15.63           | 296.72      | 1,382.6             | 83.7       | -207.6     | 223.4                 | 0.00                  | 0.00                 |                       |
| 1,440.0             | 15.63           | 296.72      | 1,411.5             | 87.3       | -214.9     | 231.4                 | 0.00                  | 0.00                 |                       |
| 1,470.0             | 15.63           | 296.72      | 1,440.3             | 91.0       | -222.1     | 239.5                 | 0.00                  | 0.00                 |                       |

# Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | 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 |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 1,500.0             | 15.63           | 296.72      | 1,469.2             | 94.6       | -229.3     | 247.6                 | 0.00                  | 0.00                 |                       |
| 1,530.0             | 15.63           | 296.72      | 1,498.1             | 98.2       | -236.5     | 255.7                 | 0.00                  | 0.00                 |                       |
| 1,560.0             | 15.63           | 296.72      | 1,527.0             | 101.9      | -243.7     | 263.8                 | 0.00                  | 0.00                 |                       |
| 1,590.0             | 15.63           | 296.72      | 1,555.9             | 105.5      | -251.0     | 271.9                 | 0.00                  | 0.00                 |                       |
| 1,620.0             | 15.63           | 296.72      | 1,584.8             | 109.1      | -258.2     | 279.9                 | 0.00                  | 0.00                 |                       |
| 1,650.0             | 15.63           | 296.72      | 1,613.7             | 112.8      | -265.4     | 288.0                 | 0.00                  | 0.00                 |                       |
| 1,680.0             | 15.63           | 296.72      | 1,642.6             | 116.4      | -272.6     | 296.1                 | 0.00                  | 0.00                 |                       |
| 1,710.0             | 15.63           | 296.72      | 1,671.5             | 120.1      | -279.9     | 304.2                 | 0.00                  | 0.00                 |                       |
| 1,740.0             | 15.63           | 296.72      | 1,700.4             | 123.7      | -287.1     | 312.3                 | 0.00                  | 0.00                 |                       |
| 1,770.0             | 15.63           | 296.72      | 1,729.3             | 127.3      | -294.3     | 320.4                 | 0.00                  | 0.00                 |                       |
| 1,800.0             | 15.63           | 296.72      | 1,758.1             | 131.0      | -301.5     | 328.4                 | 0.00                  | 0.00                 |                       |
| 1,830.0             | 15.63           | 296.72      | 1,787.0             | 134.6      | -308.7     | 336.5                 | 0.00                  | 0.00                 |                       |
| 1,860.0             | 15.63           | 296.72      | 1,815.9             | 138.2      | -316.0     | 344.6                 | 0.00                  | 0.00                 |                       |
| 1,890.0             | 15.63           | 296.72      | 1,844.8             | 141.9      | -323.2     | 352.7                 | 0.00                  | 0.00                 |                       |
| 1,920.0             | 15.63           | 296.72      | 1,873.7             | 145.5      | -330.4     | 360.8                 | 0.00                  | 0.00                 |                       |
| 1,950.0             | 15.63           | 296.72      | 1,902.6             | 149.1      | -337.6     | 368.9                 | 0.00                  | 0.00                 |                       |
| 1,980.0             | 15.63           | 296.72      | 1,931.5             | 152.8      | -344.8     | 376.9                 | 0.00                  | 0.00                 |                       |
| 2,010.0             | 15.63           | 296.72      | 1,960.4             | 156.4      | -352.1     | 385.0                 | 0.00                  | 0.00                 |                       |
| 2,040.0             | 15.63           | 296.72      | 1,989.3             | 160.0      | -359.3     | 393.1                 | 0.00                  | 0.00                 |                       |
| 2,070.0             | 15.63           | 296.72      | 2,018.2             | 163.7      | -366.5     | 401.2                 | 0.00                  | 0.00                 |                       |
| 2,100.0             | 15.63           | 296.72      | 2,047.0             | 167.3      | -373.7     | 409.3                 | 0.00                  | 0.00                 |                       |
| 2,130.0             | 15.63           | 296.72      | 2,075.9             | 170.9      | -380.9     | 417.3                 | 0.00                  | 0.00                 |                       |
| 2,160.0             | 15.63           | 296.72      | 2,104.8             | 174.6      | -388.2     | 425.4                 | 0.00                  | 0.00                 |                       |
| 2,190.0             | 15.63           | 296.72      | 2,133.7             | 178.2      | -395.4     | 433.5                 | 0.00                  | 0.00                 |                       |
| 2,220.0             | 15.63           | 296.72      | 2,162.6             | 181.8      | -402.6     | 441.6                 | 0.00                  | 0.00                 |                       |
| 2,250.0             | 15.63           | 296.72      | 2,191.5             | 185.5      | -409.8     | 449.7                 | 0.00                  | 0.00                 |                       |
| 2,280.0             | 15.63           | 296.72      | 2,220.4             | 189.1      | -417.0     | 457.8                 | 0.00                  | 0.00                 |                       |
| 2,310.0             | 15.63           | 296.72      | 2,249.3             | 192.7      | -424.3     | 465.8                 | 0.00                  | 0.00                 |                       |
| 2,340.0             | 15.63           | 296.72      | 2,278.2             | 196.4      | -431.5     | 473.9                 | 0.00                  | 0.00                 |                       |
| 2,370.0             | 15.63           | 296.72      | 2,307.1             | 200.0      | -438.7     | 482.0                 | 0.00                  | 0.00                 |                       |
| 2,400.0             | 15.63           | 296.72      | 2,336.0             | 203.6      | -445.9     | 490.1                 | 0.00                  | 0.00                 |                       |
| 2,430.0             | 15.63           | 296.72      | 2,364.8             | 207.3      | -453.1     | 498.2                 | 0.00                  | 0.00                 |                       |
| 2,460.0             | 15.63           | 296.72      | 2,393.7             | 210.9      | -460.4     | 506.3                 | 0.00                  | 0.00                 |                       |
| 2,490.0             | 15.63           | 296.72      | 2,422.6             | 214.5      | -467.6     | 514.3                 | 0.00                  | 0.00                 |                       |

## 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  |               |              |          |            |            |               |              |                |                |
| H15 596 WF08A-15 TOC   | 0.00          | 0.00         | 5,438.0  | 544.4      | -1,122.9   | 1,660,972.86  | 2,253,403.65 | 39° 37' 5.71 N | 108° 9' 2.23 W |
| - plan misses target center by 3103.4ft at 2490.0ft MD (2422.6 TVD, 214.5 N, -467.6 E) |               |              |          |            |            |               |              |                |                |
| - Point  |               |              |          |            |            |               |              |                |                |
| H15 596 WF08A-15 BHL   | 0.00          | 0.00         | 8,998.0  | 544.4      | -1,122.9   | 1,660,972.86  | 2,253,403.65 | 39° 37' 5.71 N | 108° 9' 2.23 W |
| - plan misses target center by 6616.2ft at 2490.0ft MD (2422.6 TVD, 214.5 N, -467.6 E) |               |              |          |            |            |               |              |                |                |
| - Rectangle (sides W30.0 H50.0 D0.0)   |               |              |          |            |            |               |              |                |                |

# Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | 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                      |
| 2,500.0             | 15.63           | 296.72      | 2,432.3             | 215.8      | -470.0     | 517.0                 | 0.00                  | 0.00                 |  |
| 2,600.0             | 15.63           | 296.72      | 2,528.6             | 227.9      | -494.1     | 544.0                 | 0.00                  | 0.00                 |  |
| 2,700.0             | 15.63           | 296.72      | 2,624.9             | 240.0      | -518.1     | 570.9                 | 0.00                  | 0.00                 |  |
| 2,800.0             | 15.63           | 296.72      | 2,721.2             | 252.1      | -542.2     | 597.9                 | 0.00                  | 0.00                 |  |
| 2,900.0             | 15.63           | 296.72      | 2,817.5             | 264.2      | -566.3     | 624.8                 | 0.00                  | 0.00                 |  |
| 3,000.0             | 15.63           | 296.72      | 2,913.8             | 276.3      | -590.3     | 651.7                 | 0.00                  | 0.00                 |  |
| 3,100.0             | 15.63           | 296.72      | 3,010.1             | 288.4      | -614.4     | 678.7                 | 0.00                  | 0.00                 |  |
| 3,200.0             | 15.63           | 296.72      | 3,106.4             | 300.6      | -638.5     | 705.6                 | 0.00                  | 0.00                 |  |
| 3,300.0             | 15.63           | 296.72      | 3,202.7             | 312.7      | -662.5     | 732.6                 | 0.00                  | 0.00                 |  |
| 3,400.0             | 15.63           | 296.72      | 3,299.0             | 324.8      | -686.6     | 759.5                 | 0.00                  | 0.00                 |  |
| 3,500.0             | 15.63           | 296.72      | 3,395.3             | 336.9      | -710.7     | 786.5                 | 0.00                  | 0.00                 |  |
| 3,600.0             | 15.63           | 296.72      | 3,491.6             | 349.0      | -734.7     | 813.4                 | 0.00                  | 0.00                 |  |
| 3,700.0             | 15.63           | 296.72      | 3,587.9             | 361.1      | -758.8     | 840.3                 | 0.00                  | 0.00                 |  |
| 3,800.0             | 15.63           | 296.72      | 3,684.2             | 373.2      | -782.9     | 867.3                 | 0.00                  | 0.00                 |  |
| 3,900.0             | 15.63           | 296.72      | 3,780.5             | 385.4      | -806.9     | 894.2                 | 0.00                  | 0.00                 |  |
| 4,000.0             | 15.63           | 296.72      | 3,876.8             | 397.5      | -831.0     | 921.2                 | 0.00                  | 0.00                 |  |
| 4,100.0             | 15.63           | 296.72      | 3,973.1             | 409.6      | -855.1     | 948.1                 | 0.00                  | 0.00                 |  |
| 4,200.0             | 15.63           | 296.72      | 4,069.4             | 421.7      | -879.2     | 975.0                 | 0.00                  | 0.00                 |  |
| 4,300.0             | 15.63           | 296.72      | 4,165.7             | 433.8      | -903.2     | 1,002.0               | 0.00                  | 0.00                 |  |
| 4,400.0             | 15.63           | 296.72      | 4,262.0             | 445.9      | -927.3     | 1,028.9               | 0.00                  | 0.00                 |  |
| 4,500.0             | 15.63           | 296.72      | 4,358.3             | 458.0      | -951.4     | 1,055.9               | 0.00                  | 0.00                 |  |
| 4,600.0             | 15.63           | 296.72      | 4,454.6             | 470.2      | -975.4     | 1,082.8               | 0.00                  | 0.00                 |  |
| 4,700.0             | 15.63           | 296.72      | 4,550.9             | 482.3      | -999.5     | 1,109.8               | 0.00                  | 0.00                 |  |
| 4,800.0             | 15.63           | 296.72      | 4,647.2             | 494.4      | -1,023.6   | 1,136.7               | 0.00                  | 0.00                 |  |
| 4,819.6             | 15.63           | 296.72      | 4,666.1             | 496.8      | -1,028.3   | 1,142.0               | 0.00                  | 0.00                 | Start Drop -2.00                           |
| 4,900.0             | 14.02           | 296.72      | 4,743.8             | 506.0      | -1,046.7   | 1,162.6               | 2.00                  | -2.00                |  |
| 5,000.0             | 12.02           | 296.72      | 4,841.2             | 516.1      | -1,066.8   | 1,185.1               | 2.00                  | -2.00                |  |
| 5,100.0             | 10.02           | 296.72      | 4,939.4             | 524.7      | -1,083.9   | 1,204.2               | 2.00                  | -2.00                |  |
| 5,200.0             | 8.02            | 296.72      | 5,038.1             | 531.8      | -1,097.9   | 1,219.9               | 2.00                  | -2.00                |  |
| 5,300.0             | 6.02            | 296.72      | 5,137.4             | 537.3      | -1,108.8   | 1,232.1               | 2.00                  | -2.00                |  |
| 5,400.0             | 4.02            | 296.72      | 5,237.0             | 541.2      | -1,116.6   | 1,240.9               | 2.00                  | -2.00                |  |
| 5,500.0             | 2.02            | 296.72      | 5,336.8             | 543.6      | -1,121.3   | 1,246.1               | 2.00                  | -2.00                |  |
| 5,561.2             | 0.80            | 296.72      | 5,398.0             | 544.3      | -1,122.7   | 1,247.7               | 2.00                  | -2.00                | WF (TVD)                                   |
| 5,600.0             | 0.02            | 296.72      | 5,436.8             | 544.4      | -1,122.9   | 1,247.9               | 2.00                  | -2.00                |  |
| 5,601.2             | 0.00            | 0.00        | 5,438.0             | 544.4      | -1,122.9   | 1,247.9               | 2.00                  | -2.00                | EOD; Inc=0° - TOG (TVD) - H15 596 WF08A-15 |
| 5,700.0             | 0.00            | 0.00        | 5,536.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 5,800.0             | 0.00            | 0.00        | 5,636.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 5,900.0             | 0.00            | 0.00        | 5,736.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,000.0             | 0.00            | 0.00        | 5,836.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,100.0             | 0.00            | 0.00        | 5,936.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,200.0             | 0.00            | 0.00        | 6,036.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,300.0             | 0.00            | 0.00        | 6,136.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,400.0             | 0.00            | 0.00        | 6,236.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,500.0             | 0.00            | 0.00        | 6,336.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,600.0             | 0.00            | 0.00        | 6,436.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,700.0             | 0.00            | 0.00        | 6,536.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,800.0             | 0.00            | 0.00        | 6,636.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 6,900.0             | 0.00            | 0.00        | 6,736.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 7,000.0             | 0.00            | 0.00        | 6,836.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 7,100.0             | 0.00            | 0.00        | 6,936.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 7,200.0             | 0.00            | 0.00        | 7,036.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |
| 7,300.0             | 0.00            | 0.00        | 7,136.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |  |

## Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | 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             |
| 7,400.0             | 0.00            | 0.00        | 7,236.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 7,500.0             | 0.00            | 0.00        | 7,336.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 7,600.0             | 0.00            | 0.00        | 7,436.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 7,700.0             | 0.00            | 0.00        | 7,536.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 7,800.0             | 0.00            | 0.00        | 7,636.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 7,900.0             | 0.00            | 0.00        | 7,736.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,000.0             | 0.00            | 0.00        | 7,836.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,100.0             | 0.00            | 0.00        | 7,936.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,200.0             | 0.00            | 0.00        | 8,036.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,300.0             | 0.00            | 0.00        | 8,136.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,400.0             | 0.00            | 0.00        | 8,236.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,500.0             | 0.00            | 0.00        | 8,336.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,600.0             | 0.00            | 0.00        | 8,436.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,700.0             | 0.00            | 0.00        | 8,536.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,800.0             | 0.00            | 0.00        | 8,636.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 8,900.0             | 0.00            | 0.00        | 8,736.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,000.0             | 0.00            | 0.00        | 8,836.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,100.0             | 0.00            | 0.00        | 8,936.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,161.2             | 0.00            | 0.00        | 8,998.0             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 | Rins (TVD) - H15 596 WF08A-15 BHL |
| 9,200.0             | 0.00            | 0.00        | 9,036.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,300.0             | 0.00            | 0.00        | 9,136.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,311.2             | 0.00            | 0.00        | 9,148.0             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 | Drillers TD @ 9148' TVD           |
| 9,400.0             | 0.00            | 0.00        | 9,236.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,500.0             | 0.00            | 0.00        | 9,336.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,600.0             | 0.00            | 0.00        | 9,436.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,700.0             | 0.00            | 0.00        | 9,536.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,800.0             | 0.00            | 0.00        | 9,636.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 9,900.0             | 0.00            | 0.00        | 9,736.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 10,000.0            | 0.00            | 0.00        | 9,836.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 10,100.0            | 0.00            | 0.00        | 9,936.8             | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 |                                   |
| 10,163.2            | 0.00            | 0.00        | 10,000.0            | 544.4      | -1,122.9   | 1,247.9               | 0.00                  | 0.00                 | Permit TD @ 10000' TVD            |

| Targets   |               |              |          |            |            |               |              |                |                |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|----------------|----------------|
| Target Name<br>- hit/miss target<br>- Shape   | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude       | Longitude      |
| H15 596 WF08A-15 TOC<br>- plan hits target center<br>- Point                              | 0.00          | 0.00         | 5,438.0  | 544.4      | -1,122.9   | 1,660,972.86  | 2,253,403.65 | 39° 37' 5.71 N | 108° 9' 2.23 W |
| H15 596 WF08A-15 BHL<br>- plan hits target center<br>- Rectangle (sides W30.0 H50.0 D0.0) | 0.00          | 0.00         | 8,998.0  | 544.4      | -1,122.9   | 1,660,972.86  | 2,253,403.65 | 39° 37' 5.71 N | 108° 9' 2.23 W |



## Planning Report

|                  |                              |                                     |                                     |
|------------------|------------------------------|-------------------------------------|-------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well WF08A-15 H15 596               |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc   | <b>TVD Reference:</b>               | KBE @ 6453.0ft (Original Well Elev) |
| <b>Project:</b>  | North Piceance               | <b>MD Reference:</b>                | KBE @ 6453.0ft (Original Well Elev) |
| <b>Site:</b>     | H15 596 (S15-T5S-96W)        | <b>North Reference:</b>             | True                                |
| <b>Well:</b>     | WF08A-15 H15 596             | <b>Survey Calculation Method:</b>   | Minimum Curvature                   |
| <b>Wellbore:</b> | DD                           |                                     |                                     |
| <b>Design:</b>   | Plan #1                      |                                     |                                     |

| Formations          |                     |            |           |         |                   |  |
|---------------------|---------------------|------------|-----------|---------|-------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Name       | Lithology | Dip (°) | Dip Direction (°) |  |
| 5,561.2             | 5,398.0             | WF (TVD)   |           | 0.00    |                   |  |
| 5,601.2             | 5,438.0             | TOG (TVD)  |           | 0.00    |                   |  |
| 9,161.2             | 8,998.0             | Rlns (TVD) |           | 0.00    |                   |  |

| Plan Annotations    |                     |                   |            |                         |  |
|---------------------|---------------------|-------------------|------------|-------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            |                         |  |
|                     |                     | +N/-S (ft)        | +E/-W (ft) | Comment                 |  |
| 300.0               | 300.0               | 0.0               | 0.0        | KOP @ 300'              |  |
| 877.3               | 869.6               | 2.5               | -28.9      | EOB; Inc=15.6°          |  |
| 4,819.6             | 4,666.1             | 19.2              | -79.4      | Start Drop -2.00        |  |
| 5,601.2             | 5,438.0             | 496.8             | -1,028.3   | EOD; Inc=0°             |  |
| 9,311.2             | 9,148.0             | 544.4             | -1,122.9   | Drillers TD @ 9148' TVD |  |
| 10,163.2            | 10,000.0            | 544.4             | -1,122.9   | Permit TD @ 10000' TVD  |  |