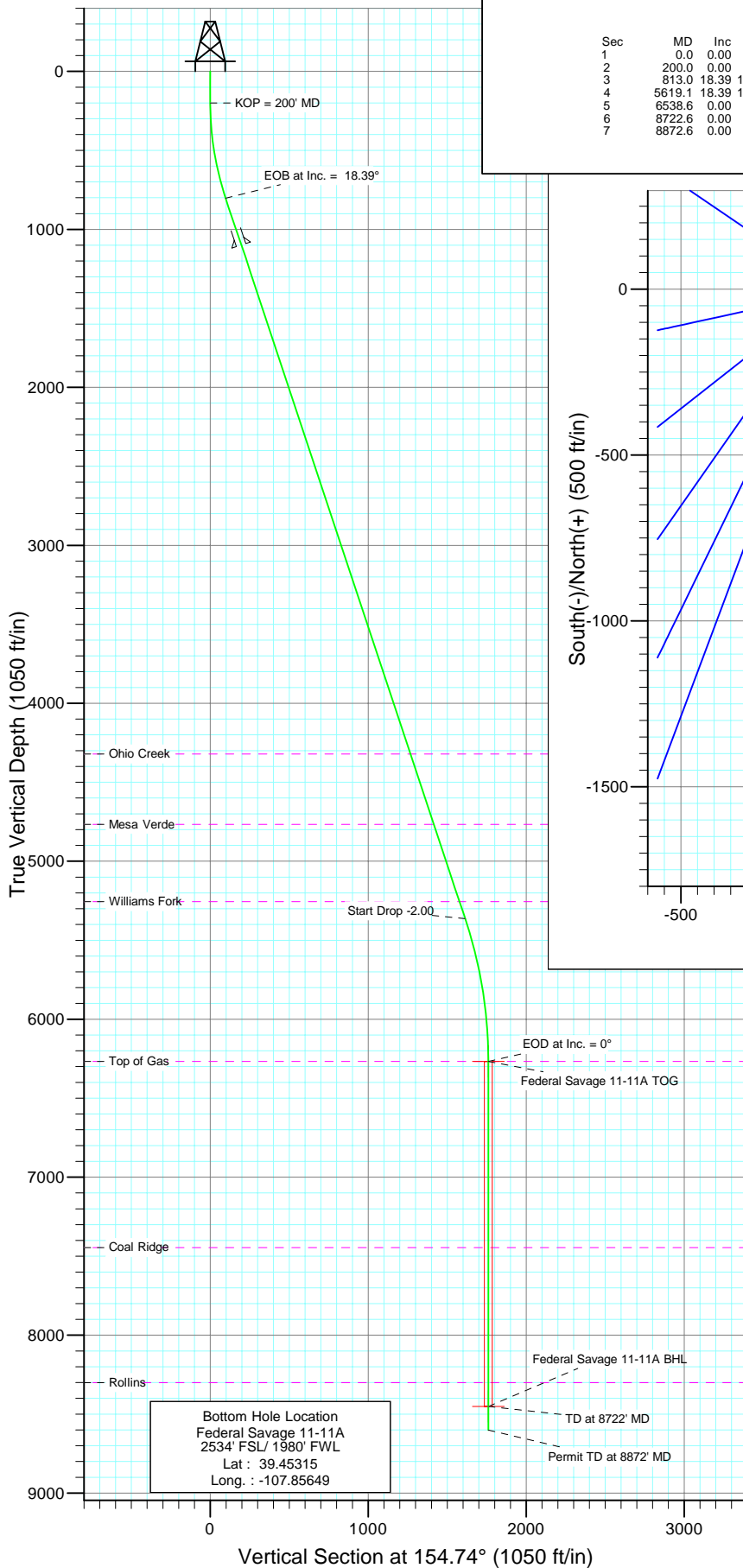
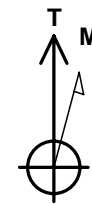
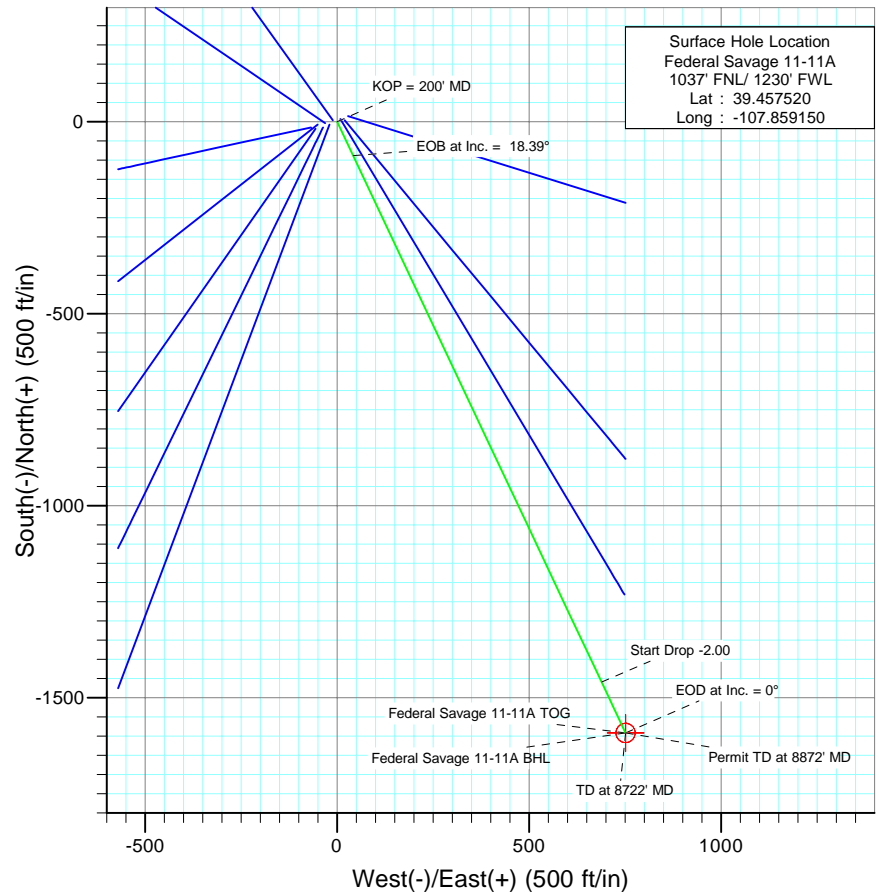




Project: S. Piceance  
 Site: NWNW S11-T7S-R94W (RD 11 Pad)  
 Well: Federal Savage 11-11A  
 Wellbore: DD  
 Design: Plan #1



| SECTION DETAILS |        |       |        |        |         |       |      |        |        |                           |
|-----------------|--------|-------|--------|--------|---------|-------|------|--------|--------|---------------------------|
| Sec             | MD     | Inc   | Azi    | TVD    | +N/-S   | +E/-W | Dleg | TFace  | VSect  | Target                    |
| 1               | 0.0    | 0.00  | 0.00   | 0.0    | 0.0     | 0.0   | 0.00 | 0.00   | 0.0    |                           |
| 2               | 200.0  | 0.00  | 0.00   | 200.0  | 0.0     | 0.0   | 0.00 | 0.00   | 0.0    |                           |
| 3               | 813.0  | 18.39 | 154.74 | 802.5  | -88.2   | 41.6  | 3.00 | 154.74 | 97.5   |                           |
| 4               | 5619.1 | 18.39 | 154.74 | 5363.2 | -1459.4 | 688.7 | 0.00 | 0.00   | 1613.7 |                           |
| 5               | 6538.6 | 0.00  | 0.00   | 6267.0 | -1591.7 | 751.1 | 2.00 | 180.00 | 1760.0 | Federal Savage 11-11A TOG |
| 6               | 8722.6 | 0.00  | 0.00   | 8451.0 | -1591.7 | 751.1 | 0.00 | 0.00   | 1760.0 | Federal Savage 11-11A BHL |
| 7               | 8872.6 | 0.00  | 0.00   | 8601.0 | -1591.7 | 751.1 | 0.00 | 0.00   | 1760.0 |                           |



Azimuths to True North  
 Magnetic North: 10.41°

Magnetic Field  
 Strength: 52390.3nT  
 Dip Angle: 65.78°  
 Date: 4/16/2010  
 Model: IGRF200510

#### FORMATION TOP DETAILS

| TVDPath | MDPath | Formation     |
|---------|--------|---------------|
| 4321.0  | 4520.8 | Ohio Creek    |
| 4766.0  | 4989.8 | Mesa Verde    |
| 5256.0  | 5506.1 | Williams Fork |
| 6267.0  | 6538.6 | Top of Gas    |
| 7446.0  | 7717.6 | Coal Ridge    |
| 8301.0  | 8572.6 | Rollins       |

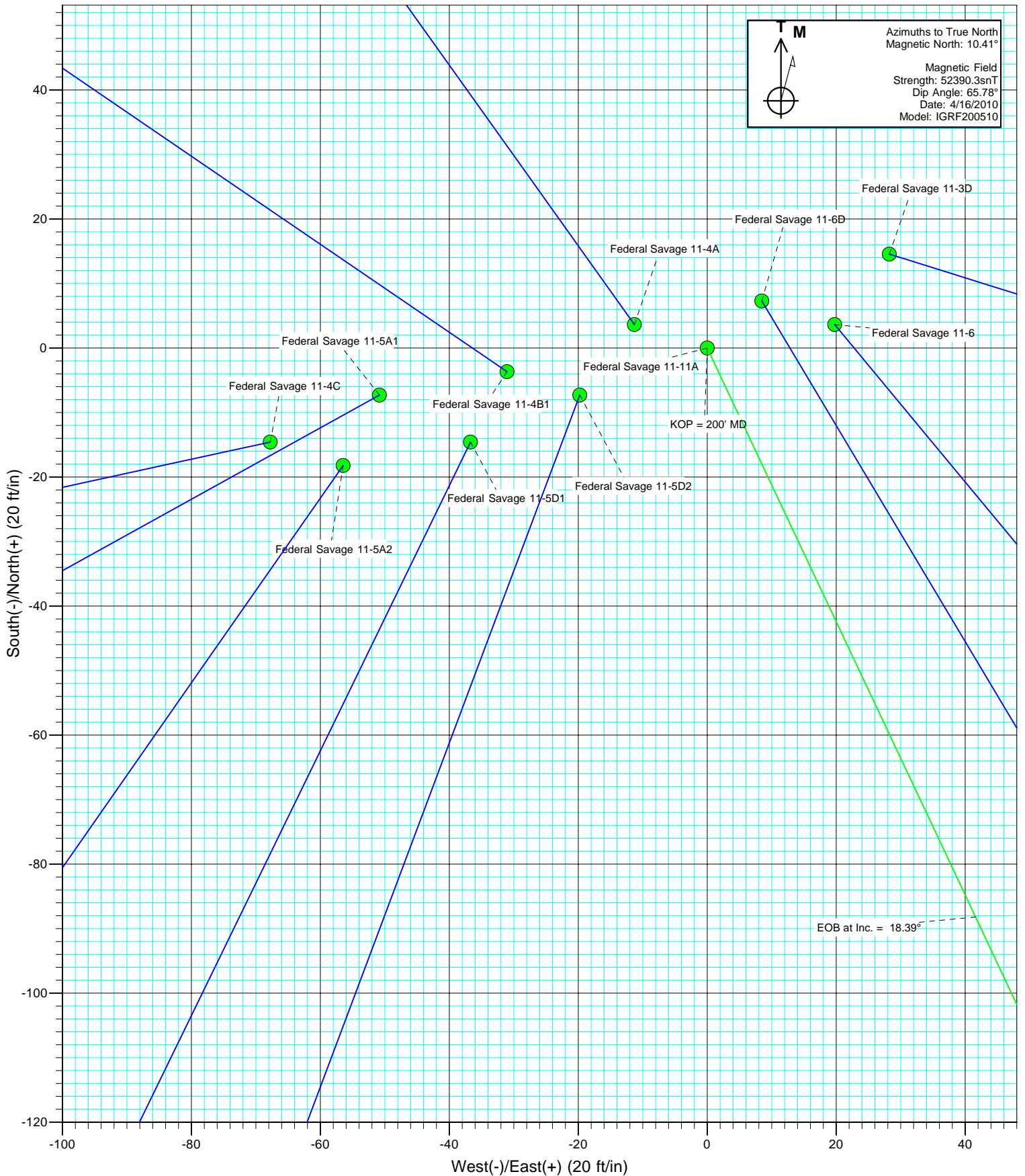
#### DESIGN DETAILS: Plan #1

105xxx: KR  
 WELL @ 6406.0ft (Original Well Elev)

| Target                    | Azimuth | Origin | N/S | E/W | From TVD |
|---------------------------|---------|--------|-----|-----|----------|
| Federal Savage 11-11A BHL | 154.74  | Slot   | 0.0 | 0.0 | 0.0      |

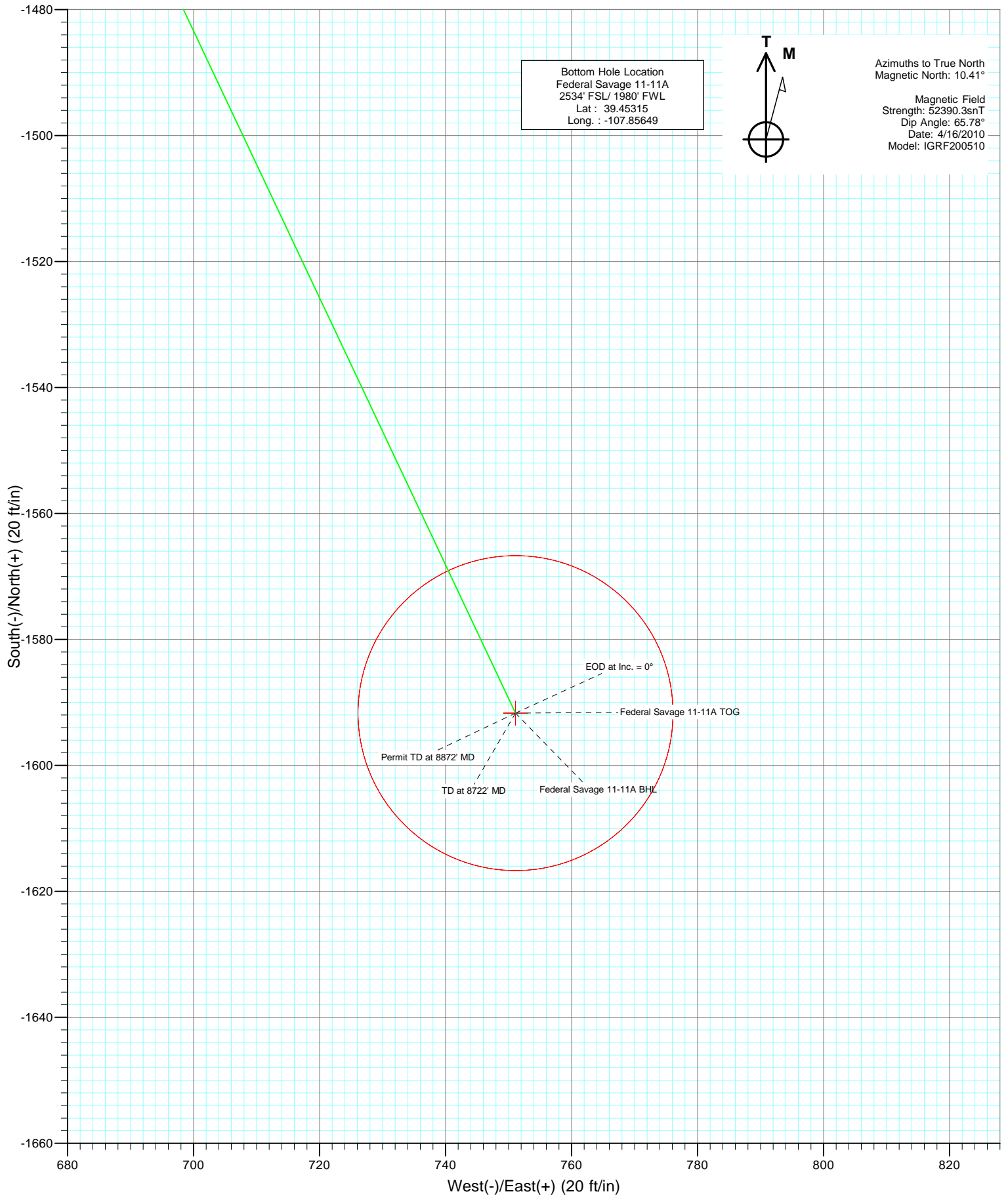


Project: S. Piceance  
Site: NWNW S11-T7S-R94W (RD 11 Pad)  
Well: Federal Savage 11-11A  
Wellbore: DD  
Design: Plan #1





Project: S. Piceance  
Site: NWNW S11-T7S-R94W (RD 11 Pad)  
Well: Federal Savage 11-11A  
Wellbore: DD  
Design: Plan #1



# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                      |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB  | <b>Local Co-ordinate Reference:</b> | Well Federal Savage 11-11A           |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc    | <b>TVD Reference:</b>               | WELL @ 6406.0ft (Original Well Elev) |
| <b>Project:</b>  | S. Piceance                   | <b>MD Reference:</b>                | WELL @ 6406.0ft (Original Well Elev) |
| <b>Site:</b>     | NWNW S11-T7S-R94W (RD 11 Pad) | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | Federal Savage 11-11A         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | DD                            |                                     |                                      |
| <b>Design:</b>   | Plan #1                       |                                     |                                      |

|                    |                                  |                      |                |
|--------------------|----------------------------------|----------------------|----------------|
| <b>Project</b>     | S. Piceance, Garfield County, CO |                      |                |
| <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            |                      |                |

|                       |          |                               |                 |                   |             |
|-----------------------|----------|-------------------------------|-----------------|-------------------|-------------|
| Site                  |          | NWNW S11-T7S-R94W (RD 11 Pad) |                 |                   |             |
| Site Position:        |          | Northing:                     | 1,600,192.72 ft | Latitude:         | 39.457550   |
| From:                 | Lat/Long | Easting:                      | 2,333,999.30 ft | Longitude:        | -107.859020 |
| Position Uncertainty: | 0.0 ft   | Slot Radius:                  | 13.200 in       | Grid Convergence: | -1.49 °     |

|                      |                       |        |                     |                 |               |             |
|----------------------|-----------------------|--------|---------------------|-----------------|---------------|-------------|
| Well                 | Federal Savage 11-11A |        |                     |                 |               |             |
| Well Position        | +N/-S                 | 0.0 ft | Northing:           | 1,600,182.74 ft | Latitude:     | 39.457520   |
|                      | +E/-W                 | 0.0 ft | Easting:            | 2,333,962.32 ft | Longitude:    | -107.859150 |
| Position Uncertainty |                       | 0.0 ft | Wellhead Elevation: | ft              | Ground Level: | 6,384.0 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> |
|                  | IGRF200510        | 4/16/2010          | 10.41                  | 65.78                | 52,390                     |

|                          |                              |                   |                      |                      |
|--------------------------|------------------------------|-------------------|----------------------|----------------------|
| <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                  | 154.74               |

| <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    |                      |
| 200.0                | 0.00            | 0.00        | 200.0               | 0.0        | 0.0        | 0.00                  | 0.00                 | 0.00                | 0.00    |                      |
| 813.0                | 18.39           | 154.74      | 802.5               | -88.2      | 41.6       | 3.00                  | 3.00                 | 0.00                | 154.74  |                      |
| 5,619.1              | 18.39           | 154.74      | 5,363.2             | -1,459.4   | 688.7      | 0.00                  | 0.00                 | 0.00                | 0.00    |                      |
| 6,538.6              | 0.00            | 0.00        | 6,267.0             | -1,591.7   | 751.1      | 2.00                  | -2.00                | 0.00                | 180.00  | Federal Savage 11-1' |
| 8,722.6              | 0.00            | 0.00        | 8,451.0             | -1,591.7   | 751.1      | 0.00                  | 0.00                 | 0.00                | 0.00    | Federal Savage 11-1' |
| 8,872.6              | 0.00            | 0.00        | 8,601.0             | -1,591.7   | 751.1      | 0.00                  | 0.00                 | 0.00                | 0.00    |                      |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                      |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB  | <b>Local Co-ordinate Reference:</b> | Well Federal Savage 11-11A           |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc    | <b>TVD Reference:</b>               | WELL @ 6406.0ft (Original Well Elev) |
| <b>Project:</b>  | S. Piceance                   | <b>MD Reference:</b>                | WELL @ 6406.0ft (Original Well Elev) |
| <b>Site:</b>     | NWNW S11-T7S-R94W (RD 11 Pad) | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | Federal Savage 11-11A         | <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                 |                       |
| 100.0               | 0.00            | 0.00        | 100.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 |                       |
| 200.0               | 0.00            | 0.00        | 200.0               | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | KOP = 200' MD         |
| 300.0               | 3.00            | 154.74      | 300.0               | -2.4       | 1.1        | 2.6                   | 3.00                  | 3.00                 |                       |
| 400.0               | 6.00            | 154.74      | 399.6               | -9.5       | 4.5        | 10.5                  | 3.00                  | 3.00                 |                       |
| 500.0               | 9.00            | 154.74      | 498.8               | -21.3      | 10.0       | 23.5                  | 3.00                  | 3.00                 |                       |
| 600.0               | 12.00           | 154.74      | 597.1               | -37.7      | 17.8       | 41.7                  | 3.00                  | 3.00                 |                       |
| 700.0               | 15.00           | 154.74      | 694.3               | -58.9      | 27.8       | 65.1                  | 3.00                  | 3.00                 |                       |
| 800.0               | 18.00           | 154.74      | 790.2               | -84.5      | 39.9       | 93.5                  | 3.00                  | 3.00                 |                       |
| 813.0               | 18.39           | 154.74      | 802.5               | -88.2      | 41.6       | 97.5                  | 3.00                  | 3.00                 | EOB at Inc. = 18.39°  |
| 900.0               | 18.39           | 154.74      | 885.1               | -113.0     | 53.3       | 125.0                 | 0.00                  | 0.00                 |                       |
| 1,000.0             | 18.39           | 154.74      | 980.0               | -141.6     | 66.8       | 156.5                 | 0.00                  | 0.00                 |                       |
| 1,100.0             | 18.39           | 154.74      | 1,074.9             | -170.1     | 80.3       | 188.1                 | 0.00                  | 0.00                 |                       |
| 1,126.5             | 18.39           | 154.74      | 1,100.0             | -177.6     | 83.8       | 196.4                 | 0.00                  | 0.00                 | Surface Casing        |
| 1,200.0             | 18.39           | 154.74      | 1,169.8             | -198.6     | 93.7       | 219.6                 | 0.00                  | 0.00                 |                       |
| 1,300.0             | 18.39           | 154.74      | 1,264.7             | -227.1     | 107.2      | 251.2                 | 0.00                  | 0.00                 |                       |
| 1,400.0             | 18.39           | 154.74      | 1,359.6             | -255.7     | 120.7      | 282.7                 | 0.00                  | 0.00                 |                       |
| 1,500.0             | 18.39           | 154.74      | 1,454.4             | -284.2     | 134.1      | 314.3                 | 0.00                  | 0.00                 |                       |
| 1,600.0             | 18.39           | 154.74      | 1,549.3             | -312.7     | 147.6      | 345.8                 | 0.00                  | 0.00                 |                       |
| 1,700.0             | 18.39           | 154.74      | 1,644.2             | -341.3     | 161.0      | 377.4                 | 0.00                  | 0.00                 |                       |
| 1,800.0             | 18.39           | 154.74      | 1,739.1             | -369.8     | 174.5      | 408.9                 | 0.00                  | 0.00                 |                       |
| 1,900.0             | 18.39           | 154.74      | 1,834.0             | -398.3     | 188.0      | 440.5                 | 0.00                  | 0.00                 |                       |
| 2,000.0             | 18.39           | 154.74      | 1,928.9             | -426.9     | 201.4      | 472.0                 | 0.00                  | 0.00                 |                       |
| 2,100.0             | 18.39           | 154.74      | 2,023.8             | -455.4     | 214.9      | 503.5                 | 0.00                  | 0.00                 |                       |
| 2,200.0             | 18.39           | 154.74      | 2,118.7             | -483.9     | 228.4      | 535.1                 | 0.00                  | 0.00                 |                       |
| 2,300.0             | 18.39           | 154.74      | 2,213.6             | -512.4     | 241.8      | 566.6                 | 0.00                  | 0.00                 |                       |
| 2,400.0             | 18.39           | 154.74      | 2,308.5             | -541.0     | 255.3      | 598.2                 | 0.00                  | 0.00                 |                       |
| 2,500.0             | 18.39           | 154.74      | 2,403.4             | -569.5     | 268.7      | 629.7                 | 0.00                  | 0.00                 |                       |
| 2,600.0             | 18.39           | 154.74      | 2,498.3             | -598.0     | 282.2      | 661.3                 | 0.00                  | 0.00                 |                       |
| 2,700.0             | 18.39           | 154.74      | 2,593.2             | -626.6     | 295.7      | 692.8                 | 0.00                  | 0.00                 |                       |
| 2,800.0             | 18.39           | 154.74      | 2,688.1             | -655.1     | 309.1      | 724.4                 | 0.00                  | 0.00                 |                       |
| 2,900.0             | 18.39           | 154.74      | 2,783.0             | -683.6     | 322.6      | 755.9                 | 0.00                  | 0.00                 |                       |
| 3,000.0             | 18.39           | 154.74      | 2,877.9             | -712.2     | 336.1      | 787.5                 | 0.00                  | 0.00                 |                       |
| 3,100.0             | 18.39           | 154.74      | 2,972.7             | -740.7     | 349.5      | 819.0                 | 0.00                  | 0.00                 |                       |
| 3,200.0             | 18.39           | 154.74      | 3,067.6             | -769.2     | 363.0      | 850.6                 | 0.00                  | 0.00                 |                       |
| 3,300.0             | 18.39           | 154.74      | 3,162.5             | -797.7     | 376.5      | 882.1                 | 0.00                  | 0.00                 |                       |
| 3,400.0             | 18.39           | 154.74      | 3,257.4             | -826.3     | 389.9      | 913.7                 | 0.00                  | 0.00                 |                       |
| 3,500.0             | 18.39           | 154.74      | 3,352.3             | -854.8     | 403.4      | 945.2                 | 0.00                  | 0.00                 |                       |
| 3,600.0             | 18.39           | 154.74      | 3,447.2             | -883.3     | 416.8      | 976.7                 | 0.00                  | 0.00                 |                       |
| 3,700.0             | 18.39           | 154.74      | 3,542.1             | -911.9     | 430.3      | 1,008.3               | 0.00                  | 0.00                 |                       |
| 3,800.0             | 18.39           | 154.74      | 3,637.0             | -940.4     | 443.8      | 1,039.8               | 0.00                  | 0.00                 |                       |
| 3,900.0             | 18.39           | 154.74      | 3,731.9             | -968.9     | 457.2      | 1,071.4               | 0.00                  | 0.00                 |                       |
| 4,000.0             | 18.39           | 154.74      | 3,826.8             | -997.5     | 470.7      | 1,102.9               | 0.00                  | 0.00                 |                       |
| 4,100.0             | 18.39           | 154.74      | 3,921.7             | -1,026.0   | 484.2      | 1,134.5               | 0.00                  | 0.00                 |                       |
| 4,200.0             | 18.39           | 154.74      | 4,016.6             | -1,054.5   | 497.6      | 1,166.0               | 0.00                  | 0.00                 |                       |
| 4,300.0             | 18.39           | 154.74      | 4,111.5             | -1,083.0   | 511.1      | 1,197.6               | 0.00                  | 0.00                 |                       |
| 4,400.0             | 18.39           | 154.74      | 4,206.4             | -1,111.6   | 524.5      | 1,229.1               | 0.00                  | 0.00                 |                       |
| 4,500.0             | 18.39           | 154.74      | 4,301.3             | -1,140.1   | 538.0      | 1,260.7               | 0.00                  | 0.00                 |                       |
| 4,520.8             | 18.39           | 154.74      | 4,321.0             | -1,146.0   | 540.8      | 1,267.2               | 0.00                  | 0.00                 | Ohio Creek            |
| 4,600.0             | 18.39           | 154.74      | 4,396.1             | -1,168.6   | 551.5      | 1,292.2               | 0.00                  | 0.00                 |                       |
| 4,700.0             | 18.39           | 154.74      | 4,491.0             | -1,197.2   | 564.9      | 1,323.8               | 0.00                  | 0.00                 |                       |
| 4,800.0             | 18.39           | 154.74      | 4,585.9             | -1,225.7   | 578.4      | 1,355.3               | 0.00                  | 0.00                 |                       |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                      |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB  | <b>Local Co-ordinate Reference:</b> | Well Federal Savage 11-11A           |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc    | <b>TVD Reference:</b>               | WELL @ 6406.0ft (Original Well Elev) |
| <b>Project:</b>  | S. Piceance                   | <b>MD Reference:</b>                | WELL @ 6406.0ft (Original Well Elev) |
| <b>Site:</b>     | NWNW S11-T7S-R94W (RD 11 Pad) | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | Federal Savage 11-11A         | <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                          |
| 4,900.0             | 18.39           | 154.74      | 4,680.8             | -1,254.2   | 591.9      | 1,386.9               | 0.00                  | 0.00                 |  |
| 4,989.8             | 18.39           | 154.74      | 4,766.0             | -1,279.8   | 603.9      | 1,415.2               | 0.00                  | 0.00                 | Mesa Verde                                     |
| 5,000.0             | 18.39           | 154.74      | 4,775.7             | -1,282.8   | 605.3      | 1,418.4               | 0.00                  | 0.00                 |  |
| 5,100.0             | 18.39           | 154.74      | 4,870.6             | -1,311.3   | 618.8      | 1,450.0               | 0.00                  | 0.00                 |  |
| 5,200.0             | 18.39           | 154.74      | 4,965.5             | -1,339.8   | 632.3      | 1,481.5               | 0.00                  | 0.00                 |  |
| 5,300.0             | 18.39           | 154.74      | 5,060.4             | -1,368.3   | 645.7      | 1,513.0               | 0.00                  | 0.00                 |  |
| 5,400.0             | 18.39           | 154.74      | 5,155.3             | -1,396.9   | 659.2      | 1,544.6               | 0.00                  | 0.00                 |  |
| 5,500.0             | 18.39           | 154.74      | 5,250.2             | -1,425.4   | 672.6      | 1,576.1               | 0.00                  | 0.00                 |  |
| 5,506.1             | 18.39           | 154.74      | 5,256.0             | -1,427.2   | 673.5      | 1,578.1               | 0.00                  | 0.00                 | Williams Fork                                  |
| 5,600.0             | 18.39           | 154.74      | 5,345.1             | -1,453.9   | 686.1      | 1,607.7               | 0.00                  | 0.00                 |  |
| 5,619.1             | 18.39           | 154.74      | 5,363.2             | -1,459.4   | 688.7      | 1,613.7               | 0.00                  | 0.00                 | Start Drop -2.00                               |
| 5,700.0             | 16.77           | 154.74      | 5,440.3             | -1,481.5   | 699.1      | 1,638.1               | 2.00                  | -2.00                |  |
| 5,800.0             | 14.77           | 154.74      | 5,536.6             | -1,506.1   | 710.7      | 1,665.3               | 2.00                  | -2.00                |  |
| 5,900.0             | 12.77           | 154.74      | 5,633.7             | -1,527.6   | 720.9      | 1,689.1               | 2.00                  | -2.00                |  |
| 6,000.0             | 10.77           | 154.74      | 5,731.6             | -1,546.0   | 729.6      | 1,709.5               | 2.00                  | -2.00                |  |
| 6,100.0             | 8.77            | 154.74      | 5,830.1             | -1,561.4   | 736.8      | 1,726.5               | 2.00                  | -2.00                |  |
| 6,200.0             | 6.77            | 154.74      | 5,929.2             | -1,573.6   | 742.6      | 1,740.0               | 2.00                  | -2.00                |  |
| 6,300.0             | 4.77            | 154.74      | 6,028.7             | -1,582.7   | 746.9      | 1,750.1               | 2.00                  | -2.00                |  |
| 6,400.0             | 2.77            | 154.74      | 6,128.5             | -1,588.7   | 749.7      | 1,756.7               | 2.00                  | -2.00                |  |
| 6,500.0             | 0.77            | 154.74      | 6,228.4             | -1,591.5   | 751.0      | 1,759.8               | 2.00                  | -2.00                |  |
| 6,538.6             | 0.00            | 0.00        | 6,267.0             | -1,591.7   | 751.1      | 1,760.0               | 2.00                  | -2.00                | EOD at Inc. = 0° - Top of Gas - Federal Savage |
| 6,600.0             | 0.00            | 0.00        | 6,328.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 6,700.0             | 0.00            | 0.00        | 6,428.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 6,800.0             | 0.00            | 0.00        | 6,528.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 6,900.0             | 0.00            | 0.00        | 6,628.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,000.0             | 0.00            | 0.00        | 6,728.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,100.0             | 0.00            | 0.00        | 6,828.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,200.0             | 0.00            | 0.00        | 6,928.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,300.0             | 0.00            | 0.00        | 7,028.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,400.0             | 0.00            | 0.00        | 7,128.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,500.0             | 0.00            | 0.00        | 7,228.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,600.0             | 0.00            | 0.00        | 7,328.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,700.0             | 0.00            | 0.00        | 7,428.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,717.6             | 0.00            | 0.00        | 7,446.0             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 | Coal Ridge                                     |
| 7,800.0             | 0.00            | 0.00        | 7,528.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 7,900.0             | 0.00            | 0.00        | 7,628.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,000.0             | 0.00            | 0.00        | 7,728.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,100.0             | 0.00            | 0.00        | 7,828.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,200.0             | 0.00            | 0.00        | 7,928.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,300.0             | 0.00            | 0.00        | 8,028.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,400.0             | 0.00            | 0.00        | 8,128.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,500.0             | 0.00            | 0.00        | 8,228.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,572.6             | 0.00            | 0.00        | 8,301.0             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 | Rollins  |
| 8,600.0             | 0.00            | 0.00        | 8,328.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,700.0             | 0.00            | 0.00        | 8,428.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,722.6             | 0.00            | 0.00        | 8,451.0             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 | TD at 8722' MD - Federal Savage 11-11A BHL     |
| 8,800.0             | 0.00            | 0.00        | 8,528.4             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 |  |
| 8,872.6             | 0.00            | 0.00        | 8,601.0             | -1,591.7   | 751.1      | 1,760.0               | 0.00                  | 0.00                 | Permit TD at 8872' MD                          |

# Cathedral Energy Services

## Planning Report

|                  |                               |                                     |                                      |
|------------------|-------------------------------|-------------------------------------|--------------------------------------|
| <b>Database:</b> | EDM 5000.1 US Multi Users DB  | <b>Local Co-ordinate Reference:</b> | Well Federal Savage 11-11A           |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc    | <b>TVD Reference:</b>               | WELL @ 6406.0ft (Original Well Elev) |
| <b>Project:</b>  | S. Piceance                   | <b>MD Reference:</b>                | WELL @ 6406.0ft (Original Well Elev) |
| <b>Site:</b>     | NWNW S11-T7S-R94W (RD 11 Pad) | <b>North Reference:</b>             | True                                 |
| <b>Well:</b>     | Federal Savage 11-11A         | <b>Survey Calculation Method:</b>   | Minimum Curvature                    |
| <b>Wellbore:</b> | DD                            |                                     |                                      |
| <b>Design:</b>   | Plan #1                       |                                     |                                      |

| Targets                   |           |          |         |          |       |              |              |           |             |
|---------------------------|-----------|----------|---------|----------|-------|--------------|--------------|-----------|-------------|
| Target Name               |           |          |         |          |       |              |              |           |             |
| - hit/miss target         | Dip Angle | Dip Dir. | TVD     | +N/-S    | +E/-W | Northing     | Easting      | Latitude  | Longitude   |
| - Shape                   | (°)       | (°)      | (ft)    | (ft)     | (ft)  | (ft)         | (ft)         |           |             |
| Federal Savage 11-11A     | 0.00      | 0.00     | 8,451.0 | -1,591.7 | 751.1 | 1,598,572.08 | 2,334,671.85 | 39.453150 | -107.856490 |
| - plan hits target center |           |          |         |          |       |              |              |           |             |
| - Circle (radius 25.0)    |           |          |         |          |       |              |              |           |             |
| Federal Savage 11-11A     | 0.00      | 0.00     | 6,267.0 | -1,591.7 | 751.1 | 1,598,572.08 | 2,334,671.85 | 39.453150 | -107.856490 |
| - plan hits target center |           |          |         |          |       |              |              |           |             |
| - Point                   |           |          |         |          |       |              |              |           |             |

| Casing Points  |                |                |  |                 |               |
|----------------|----------------|----------------|--|-----------------|---------------|
| Measured Depth | Vertical Depth |                |  | Casing Diameter | Hole Diameter |
| (ft)           | (ft)           | Name           |  | (in)            | (in)          |
| 1,126.5        | 1,100.0        | Surface Casing |  | 5.500           | 6.000         |

| Formations     |                |               |  |           |     |               |
|----------------|----------------|---------------|--|-----------|-----|---------------|
| Measured Depth | Vertical Depth |               |  |           | Dip | Dip Direction |
| (ft)           | (ft)           | Name          |  | Lithology | (°) | (°)           |
| 4,520.8        | 4,321.0        | Ohio Creek    |  |           |     |               |
| 4,989.8        | 4,766.0        | Mesa Verde    |  |           |     |               |
| 5,506.1        | 5,256.0        | Williams Fork |  |           |     |               |
| 6,538.6        | 6,267.0        | Top of Gas    |  |           |     |               |
| 7,717.6        | 7,446.0        | Coal Ridge    |  |           |     |               |
| 8,572.6        | 8,301.0        | Rollins       |  |           |     |               |

| Plan Annotations |                |                   |       |                       |  |
|------------------|----------------|-------------------|-------|-----------------------|--|
| Measured Depth   | Vertical Depth | Local Coordinates |       |                       |  |
| (ft)             | (ft)           | +N/-S             | +E/-W | Comment               |  |
| (ft)             | (ft)           | (ft)              | (ft)  |                       |  |
| 200.0            | 200.0          | 0.0               | 0.0   | KOP = 200' MD         |  |
| 813.0            | 802.5          | -88.2             | 41.6  | EOB at Inc. = 18.39°  |  |
| 5,619.1          | 5,363.2        | -1,459.4          | 688.7 | Start Drop -2.00      |  |
| 6,538.6          | 6,267.0        | -1,591.7          | 751.1 | EOD at Inc. = 0°      |  |
| 8,722.6          | 8,451.0        | -1,591.7          | 751.1 | TD at 8722' MD        |  |
| 8,872.6          | 8,601.0        | -1,591.7          | 751.1 | Permit TD at 8872' MD |  |