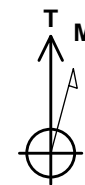
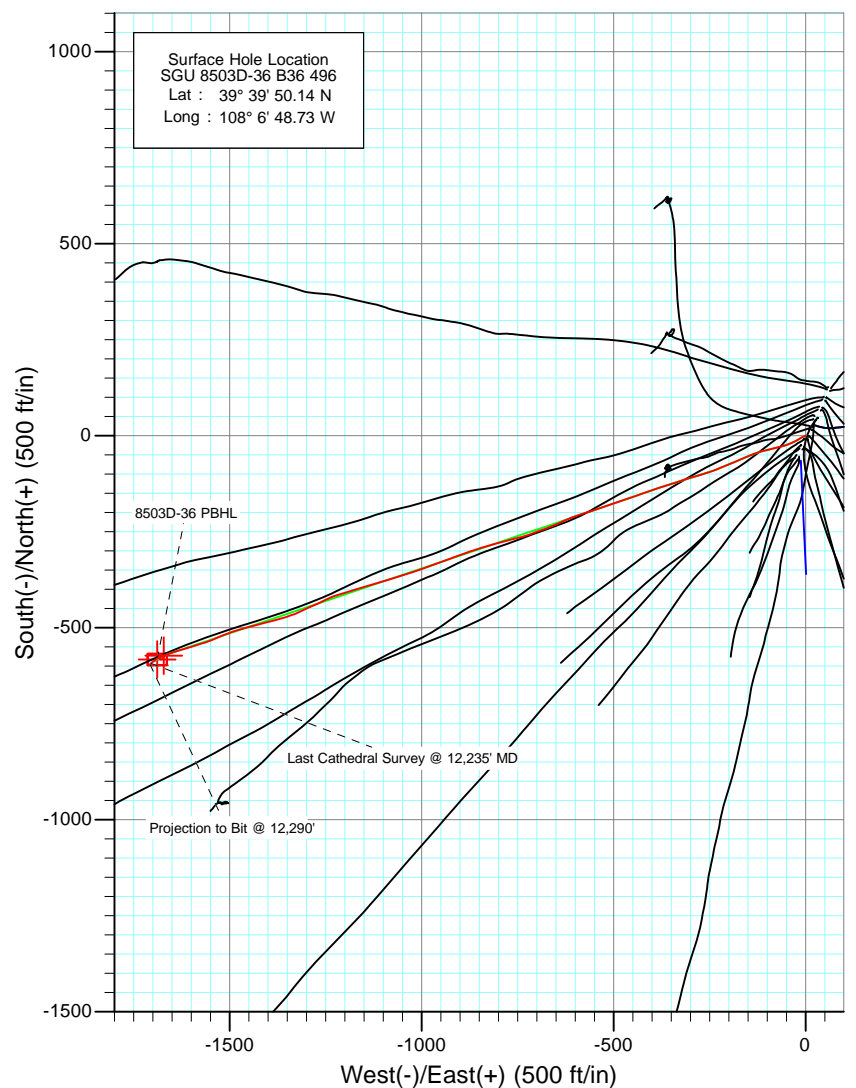
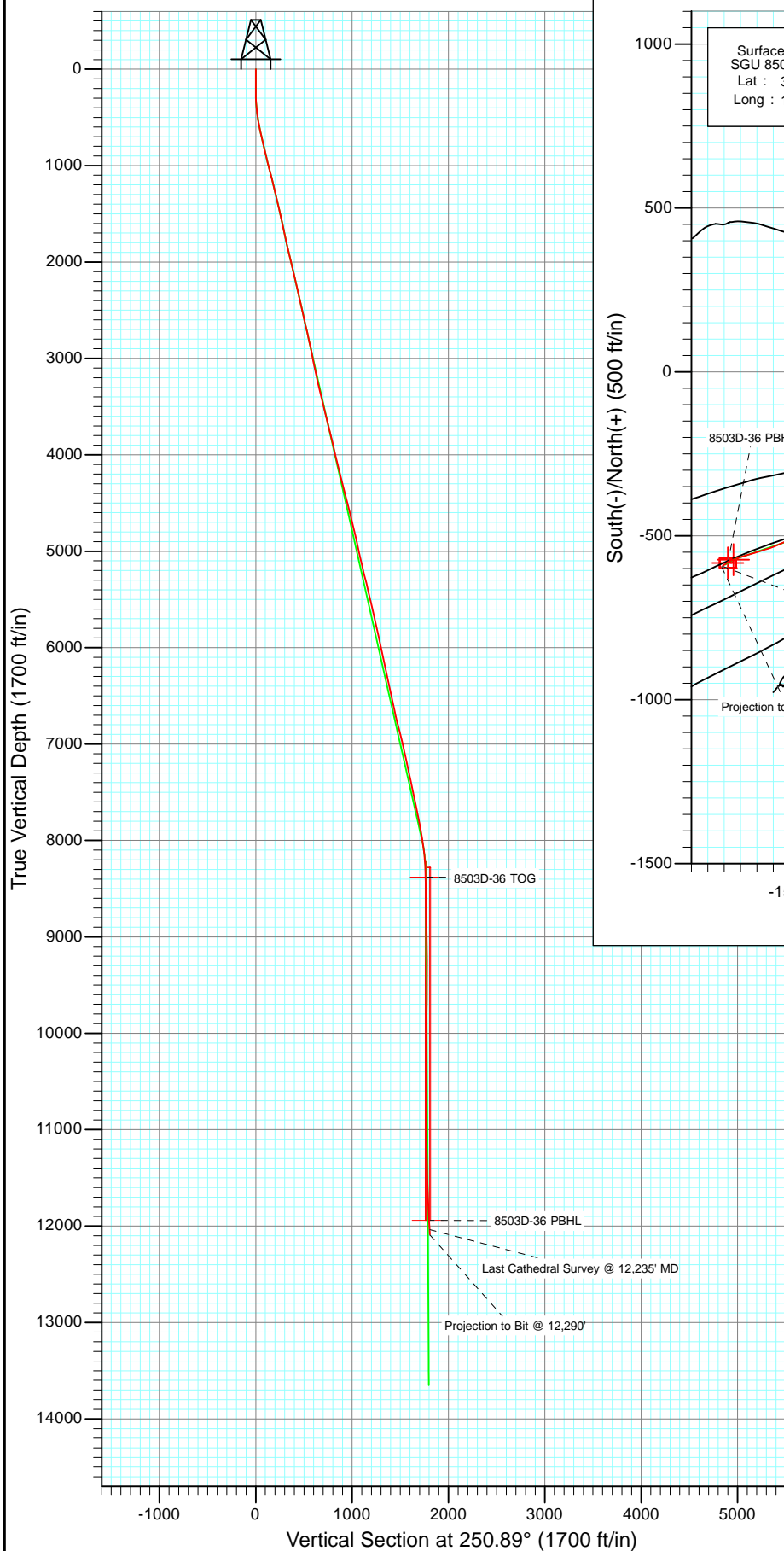




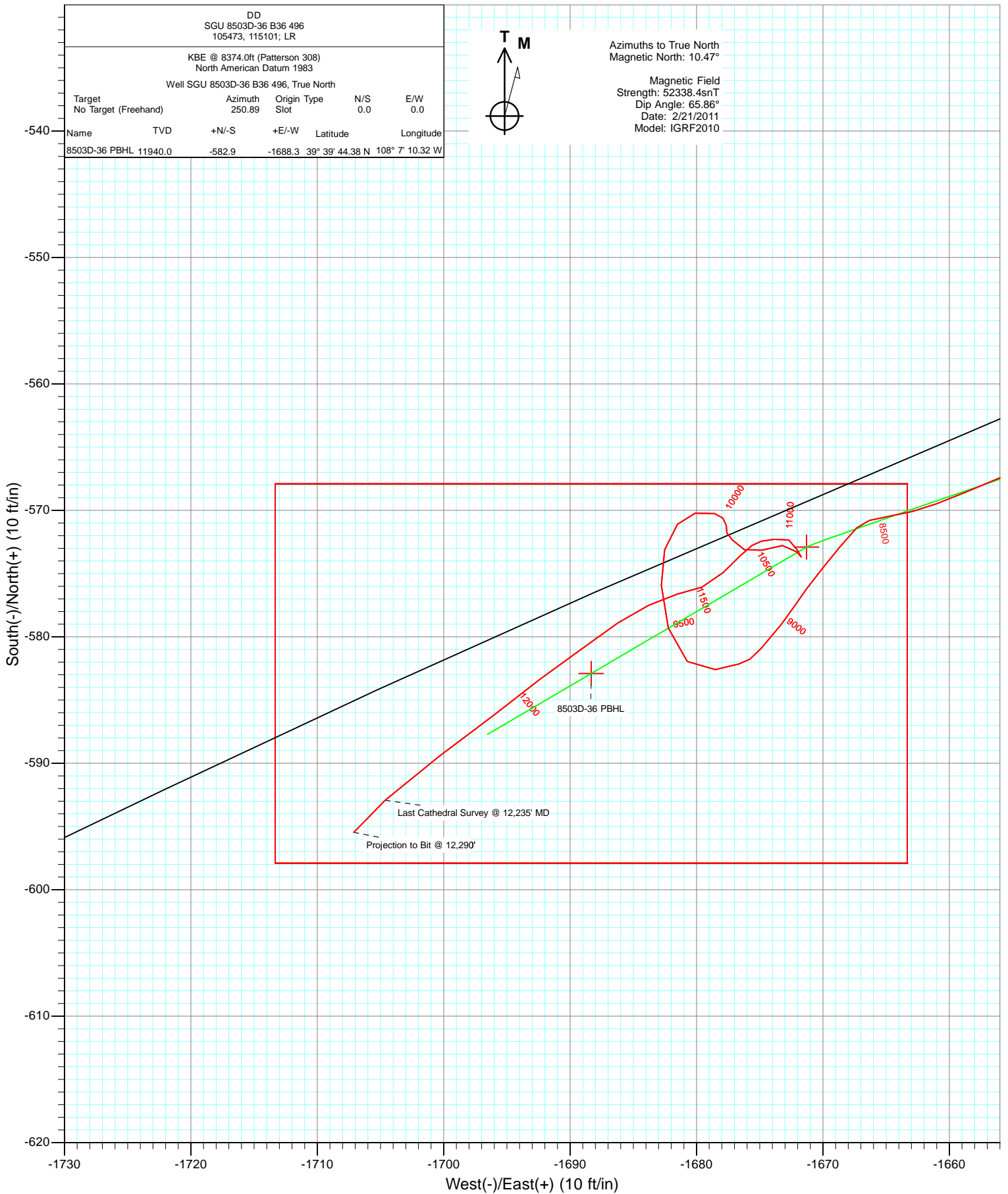
Project: Story Gulch  
 Site: S36-T4S-R96W (B36 496)  
 Well: SGU 8503D-36 B36 496  
 Wellbore: DD  
 Design: FINAL



Azimuths to True North  
 Magnetic North: 10.47°

Magnetic Field  
 Strength: 52338.4snT  
 Dip Angle: 65.86°  
 Date: 2/21/2011  
 Model: IGRF2010

|                                       |         |        |         |                 |                 |
|---------------------------------------|---------|--------|---------|-----------------|-----------------|
| DD                                    |         |        |         |                 |                 |
| SGU 8503D-36 B36 496                  |         |        |         |                 |                 |
| 105473, 115101; LR                    |         |        |         |                 |                 |
| KBE @ 8374.0ft (Patterson 308)        |         |        |         |                 |                 |
| North American Datum 1983             |         |        |         |                 |                 |
| Well SGU 8503D-36 B36 496, True North |         |        |         |                 |                 |
| Target                                | Azimuth | Origin | Type    | N/S             |                 |
| No Target (Freehand)                  | 250.89  | Slot   |         | 0.0             |                 |
| Name                                  | TVD     | +N/-S  | +E/-W   | Latitude        | Longitude       |
| 8503D-36 PBHL                         | 11940.0 | -582.9 | -1688.3 | 39° 39' 44.38 N | 108° 7' 10.32 W |



## Survey Report

|                  |                            |                                     |                                |
|------------------|----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well SGU 8503D-36 B36 496      |
| <b>Project:</b>  | Story Gulch                | <b>TVD Reference:</b>               | KBE @ 8374.0ft (Patterson 308) |
| <b>Site:</b>     | S36-T4S-R96W (B36 496)     | <b>MD Reference:</b>                | KBE @ 8374.0ft (Patterson 308) |
| <b>Well:</b>     | SGU 8503D-36 B36 496       | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                         | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | DD                         | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB   |

|                    |                           |                      |                |
|--------------------|---------------------------|----------------------|----------------|
| <b>Project</b>     | Story Gulch               |                      |                |
| <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                  |          | S36-T4S-R96W (B36 496) |                 |                   |                 |
| Site Position:        |          | Northing:              | 1,677,422.27 ft | Latitude:         | 39° 39' 51.36 N |
| From:                 | Lat/Long | Easting:               | 2,264,394.80 ft | Longitude:        | 108° 6' 47.88 W |
| Position Uncertainty: | 0.0 ft   | Slot Radius:           | 13.200 in       | Grid Convergence: | -1.65 °         |

|                      |                      |        |                     |                 |               |                 |
|----------------------|----------------------|--------|---------------------|-----------------|---------------|-----------------|
| Well                 | SGU 8503D-36 B36 496 |        |                     |                 |               |                 |
| Well Position        | +N/-S                | 0.0 ft | Northing:           | 1,677,300.92 ft | Latitude:     | 39° 39' 50.14 N |
|                      | +E/-W                | 0.0 ft | Easting:            | 2,264,324.53 ft | Longitude:    | 108° 6' 48.73 W |
| Position Uncertainty |                      | 0.0 ft | Wellhead Elevation: | ft              | Ground Level: | 8,352.0 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          | 2/21/2011          | 10.47                  | 65.86                | 52,338                     |

|                          |                         |               |              |                      |     |
|--------------------------|-------------------------|---------------|--------------|----------------------|-----|
| <b>Design</b>            | DD                      |               |              |                      |     |
| <b>Audit Notes:</b>      |                         |               |              |                      |     |
| <b>Version:</b>          | 1.0                     | <b>Phase:</b> | ACTUAL       | <b>Tie On Depth:</b> | 0.0 |
| <b>Vertical Section:</b> | <b>Depth From (TVD)</b> | <b>+N/-S</b>  | <b>+E/-W</b> | <b>Direction</b>     |     |
|                          | (ft)                    | (ft)          | (ft)         | (°)                  |     |
|                          | 0.0                     | 0.0           | 0.0          | 250.89               |     |

|                       |                |                          |                  |                    |  |
|-----------------------|----------------|--------------------------|------------------|--------------------|--|
| <b>Survey Program</b> | <b>Date</b>    | 3/9/2011                 |                  |                    |  |
| <b>From (ft)</b>      | <b>To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b> |  |
| 204.0                 | 12,290.0       | Survey #1 (DD)           | MWD              | Geolink MWD        |  |

|                            |                        |                    |                            |                   |                   |                              |                              |                             |                              |  |
|----------------------------|------------------------|--------------------|----------------------------|-------------------|-------------------|------------------------------|------------------------------|-----------------------------|------------------------------|--|
| <b>Survey</b>              |                        |                    |                            |                   |                   |                              |                              |                             |                              |  |
| <b>Measured Depth (ft)</b> | <b>Inclination (°)</b> | <b>Azimuth (°)</b> | <b>Vertical Depth (ft)</b> | <b>+N/-S (ft)</b> | <b>+E/-W (ft)</b> | <b>Vertical Section (ft)</b> | <b>Dogleg Rate (°/100ft)</b> | <b>Build Rate (°/100ft)</b> | <b>Formations / Comments</b> |  |
| 0.0                        | 0.00                   | 0.00               | 0.0                        | 0.0               | 0.0               | 0.0                          | 0.00                         | 0.00                        |                              |  |
| 204.0                      | 0.10                   | 333.20             | 204.0                      | 0.2               | -0.1              | 0.0                          | 0.05                         | 0.05                        |                              |  |
| 235.0                      | 0.40                   | 288.80             | 235.0                      | 0.2               | -0.2              | 0.1                          | 1.08                         | 0.97                        |                              |  |
| 266.0                      | 1.00                   | 258.00             | 266.0                      | 0.2               | -0.6              | 0.5                          | 2.22                         | 1.94                        |                              |  |
| 297.0                      | 1.80                   | 243.20             | 297.0                      | -0.1              | -1.3              | 1.2                          | 2.81                         | 2.58                        |                              |  |
| 326.0                      | 2.80                   | 242.30             | 326.0                      | -0.6              | -2.3              | 2.4                          | 3.45                         | 3.45                        |                              |  |
| 357.0                      | 4.00                   | 241.00             | 356.9                      | -1.5              | -3.9              | 4.2                          | 3.88                         | 3.87                        |                              |  |
| 388.0                      | 5.00                   | 241.70             | 387.8                      | -2.7              | -6.0              | 6.6                          | 3.23                         | 3.23                        |                              |  |
| 418.0                      | 6.10                   | 241.20             | 417.7                      | -4.0              | -8.6              | 9.4                          | 3.67                         | 3.67                        |                              |  |
| 449.0                      | 7.20                   | 238.90             | 448.5                      | -5.8              | -11.7             | 13.0                         | 3.65                         | 3.55                        |                              |  |
| 480.0                      | 8.10                   | 240.30             | 479.2                      | -7.9              | -15.3             | 17.0                         | 2.96                         | 2.90                        |                              |  |
| 510.0                      | 8.90                   | 240.00             | 508.9                      | -10.1             | -19.1             | 21.4                         | 2.67                         | 2.67                        |                              |  |
| 542.0                      | 9.90                   | 241.30             | 540.4                      | -12.7             | -23.7             | 26.5                         | 3.19                         | 3.12                        |                              |  |

## Survey Report

|                  |                            |                                     |                                |
|------------------|----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well SGU 8503D-36 B36 496      |
| <b>Project:</b>  | Story Gulch                | <b>TVD Reference:</b>               | KBE @ 8374.0ft (Patterson 308) |
| <b>Site:</b>     | S36-T4S-R96W (B36 496)     | <b>MD Reference:</b>                | KBE @ 8374.0ft (Patterson 308) |
| <b>Well:</b>     | SGU 8503D-36 B36 496       | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                         | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | DD                         | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB   |

### Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 574.0               | 10.70           | 242.80      | 571.9               | -15.4      | -28.7      | 32.2                  | 2.64                  | 2.50                 |                       |
| 606.0               | 11.30           | 245.80      | 603.3               | -18.0      | -34.2      | 38.2                  | 2.59                  | 1.87                 |                       |
| 701.0               | 13.00           | 252.60      | 696.2               | -25.0      | -52.9      | 58.2                  | 2.34                  | 1.79                 |                       |
| 796.0               | 13.50           | 255.50      | 788.7               | -31.0      | -73.8      | 79.9                  | 0.88                  | 0.53                 |                       |
| 891.0               | 13.60           | 257.20      | 881.0               | -36.2      | -95.5      | 102.1                 | 0.43                  | 0.11                 |                       |
| 986.0               | 14.10           | 254.20      | 973.3               | -41.9      | -117.5     | 124.7                 | 0.92                  | 0.53                 |                       |
| 1,081.0             | 14.30           | 247.60      | 1,065.4             | -49.5      | -139.5     | 148.0                 | 1.72                  | 0.21                 |                       |
| 1,176.0             | 14.30           | 246.60      | 1,157.4             | -58.6      | -161.1     | 171.4                 | 0.26                  | 0.00                 |                       |
| 1,271.0             | 14.10           | 247.90      | 1,249.5             | -67.6      | -182.6     | 194.7                 | 0.40                  | -0.21                |                       |
| 1,366.0             | 13.20           | 248.40      | 1,341.8             | -76.0      | -203.4     | 217.1                 | 0.96                  | -0.95                |                       |
| 1,461.0             | 12.30           | 246.00      | 1,434.5             | -84.1      | -222.7     | 238.0                 | 1.10                  | -0.95                |                       |
| 1,556.0             | 12.90           | 249.90      | 1,527.2             | -91.9      | -241.9     | 258.7                 | 1.10                  | 0.63                 |                       |
| 1,651.0             | 12.80           | 253.40      | 1,619.8             | -98.5      | -262.0     | 279.8                 | 0.83                  | -0.11                |                       |
| 1,746.0             | 12.10           | 253.80      | 1,712.6             | -104.3     | -281.6     | 300.2                 | 0.74                  | -0.74                |                       |
| 1,841.0             | 13.00           | 252.80      | 1,805.3             | -110.2     | -301.4     | 320.9                 | 0.97                  | 0.95                 |                       |
| 1,936.0             | 12.70           | 252.00      | 1,897.9             | -116.6     | -321.5     | 342.0                 | 0.37                  | -0.32                |                       |
| 2,031.0             | 13.10           | 252.00      | 1,990.5             | -123.2     | -341.7     | 363.2                 | 0.42                  | 0.42                 |                       |
| 2,126.0             | 13.80           | 252.00      | 2,082.9             | -130.0     | -362.7     | 385.3                 | 0.74                  | 0.74                 |                       |
| 2,222.0             | 13.40           | 252.00      | 2,176.2             | -137.0     | -384.2     | 407.8                 | 0.42                  | -0.42                |                       |
| 2,317.0             | 12.40           | 251.90      | 2,268.9             | -143.5     | -404.3     | 429.1                 | 1.05                  | -1.05                |                       |
| 2,412.0             | 12.70           | 250.30      | 2,361.6             | -150.2     | -423.9     | 449.7                 | 0.48                  | 0.32                 |                       |
| 2,507.0             | 12.80           | 249.60      | 2,454.2             | -157.4     | -443.6     | 470.7                 | 0.19                  | 0.11                 |                       |
| 2,602.0             | 12.80           | 251.50      | 2,546.9             | -164.4     | -463.4     | 491.7                 | 0.44                  | 0.00                 |                       |
| 2,698.0             | 12.80           | 252.50      | 2,640.5             | -171.0     | -483.6     | 513.0                 | 0.23                  | 0.00                 |                       |
| 2,793.0             | 13.10           | 251.30      | 2,733.1             | -177.6     | -503.9     | 534.2                 | 0.42                  | 0.32                 |                       |
| 2,888.0             | 12.80           | 250.60      | 2,825.7             | -184.6     | -524.0     | 555.5                 | 0.36                  | -0.32                |                       |
| 2,967.0             | 12.50           | 250.60      | 2,902.7             | -190.3     | -540.3     | 572.8                 | 0.38                  | -0.38                |                       |
| 3,081.0             | 9.90            | 251.80      | 3,014.6             | -197.5     | -561.3     | 595.0                 | 2.29                  | -2.28                |                       |
| 3,173.0             | 11.20           | 253.90      | 3,105.0             | -202.4     | -577.4     | 611.8                 | 1.47                  | 1.41                 |                       |
| 3,264.0             | 14.00           | 250.50      | 3,193.8             | -208.5     | -596.2     | 631.6                 | 3.18                  | 3.08                 |                       |
| 3,356.0             | 13.50           | 247.00      | 3,283.2             | -216.5     | -616.6     | 653.5                 | 1.05                  | -0.54                |                       |
| 3,447.0             | 13.00           | 246.10      | 3,371.7             | -224.8     | -635.7     | 674.3                 | 0.59                  | -0.55                |                       |
| 3,539.0             | 12.80           | 245.60      | 3,461.4             | -233.2     | -654.5     | 694.7                 | 0.25                  | -0.22                |                       |
| 3,631.0             | 15.10           | 249.70      | 3,550.7             | -241.5     | -675.0     | 716.9                 | 2.72                  | 2.50                 |                       |
| 3,722.0             | 14.20           | 250.10      | 3,638.7             | -249.4     | -696.6     | 739.9                 | 1.00                  | -0.99                |                       |
| 3,814.0             | 12.90           | 249.50      | 3,728.2             | -256.9     | -716.8     | 761.4                 | 1.42                  | -1.41                |                       |
| 3,906.0             | 14.20           | 256.70      | 3,817.6             | -263.1     | -737.4     | 782.9                 | 2.31                  | 1.41                 |                       |
| 3,997.0             | 12.40           | 255.30      | 3,906.2             | -268.1     | -757.8     | 803.8                 | 2.01                  | -1.98                |                       |
| 4,089.0             | 14.10           | 254.80      | 3,995.7             | -273.6     | -778.1     | 824.8                 | 1.85                  | 1.85                 |                       |
| 4,180.0             | 13.70           | 255.30      | 4,084.1             | -279.2     | -799.3     | 846.6                 | 0.46                  | -0.44                |                       |
| 4,272.0             | 12.90           | 254.50      | 4,173.6             | -284.7     | -819.7     | 867.7                 | 0.89                  | -0.87                |                       |
| 4,363.0             | 15.40           | 252.10      | 4,261.8             | -291.1     | -841.0     | 889.9                 | 2.82                  | 2.75                 |                       |
| 4,455.0             | 14.40           | 251.80      | 4,350.7             | -298.5     | -863.5     | 913.6                 | 1.09                  | -1.09                |                       |
| 4,546.0             | 13.40           | 250.70      | 4,439.1             | -305.5     | -884.2     | 935.5                 | 1.14                  | -1.10                |                       |
| 4,638.0             | 14.90           | 250.30      | 4,528.3             | -313.0     | -905.4     | 957.9                 | 1.63                  | 1.63                 |                       |
| 4,729.0             | 14.10           | 249.70      | 4,616.4             | -320.8     | -926.8     | 980.7                 | 0.89                  | -0.88                |                       |
| 4,821.0             | 13.40           | 249.40      | 4,705.7             | -328.4     | -947.3     | 1,002.6               | 0.76                  | -0.76                |                       |
| 4,912.0             | 12.90           | 251.20      | 4,794.4             | -335.4     | -966.8     | 1,023.3               | 0.71                  | -0.55                |                       |
| 5,004.0             | 12.50           | 249.40      | 4,884.1             | -342.2     | -985.8     | 1,043.5               | 0.61                  | -0.43                |                       |
| 5,096.0             | 11.80           | 249.30      | 4,974.0             | -349.0     | -1,003.9   | 1,062.9               | 0.76                  | -0.76                |                       |
| 5,187.0             | 13.30           | 253.10      | 5,062.9             | -355.4     | -1,022.6   | 1,082.6               | 1.88                  | 1.65                 |                       |
| 5,279.0             | 12.70           | 253.00      | 5,152.5             | -361.4     | -1,042.4   | 1,103.3               | 0.65                  | -0.65                |                       |
| 5,371.0             | 14.60           | 252.60      | 5,241.9             | -367.8     | -1,063.2   | 1,125.0               | 2.07                  | 2.07                 |                       |

## Survey Report

|                  |                            |                                     |                                |
|------------------|----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well SGU 8503D-36 B36 496      |
| <b>Project:</b>  | Story Gulch                | <b>TVD Reference:</b>               | KBE @ 8374.0ft (Patterson 308) |
| <b>Site:</b>     | S36-T4S-R96W (B36 496)     | <b>MD Reference:</b>                | KBE @ 8374.0ft (Patterson 308) |
| <b>Well:</b>     | SGU 8503D-36 B36 496       | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                         | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | DD                         | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB   |

### Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|-----------------------|
| 5,462.0             | 14.00           | 253.10      | 5,330.1             | -374.5     | -1,084.6   | 1,147.5               | 0.67                  | -0.66                |                       |
| 5,554.0             | 13.00           | 252.90      | 5,419.5             | -380.7     | -1,105.2   | 1,168.9               | 1.09                  | -1.09                |                       |
| 5,646.0             | 12.40           | 252.60      | 5,509.3             | -386.7     | -1,124.5   | 1,189.1               | 0.66                  | -0.65                |                       |
| 5,738.0             | 13.40           | 254.70      | 5,599.0             | -392.5     | -1,144.2   | 1,209.7               | 1.20                  | 1.09                 |                       |
| 5,830.0             | 13.30           | 253.50      | 5,688.5             | -398.3     | -1,164.6   | 1,230.9               | 0.32                  | -0.11                |                       |
| 5,921.0             | 12.60           | 253.30      | 5,777.2             | -404.2     | -1,184.2   | 1,251.2               | 0.77                  | -0.77                |                       |
| 6,013.0             | 11.90           | 253.50      | 5,867.1             | -409.7     | -1,202.9   | 1,270.7               | 0.76                  | -0.76                |                       |
| 6,103.0             | 11.80           | 252.00      | 5,955.2             | -415.2     | -1,220.5   | 1,289.2               | 0.36                  | -0.11                |                       |
| 6,195.0             | 13.20           | 245.60      | 6,045.0             | -422.5     | -1,239.1   | 1,309.1               | 2.14                  | 1.52                 |                       |
| 6,287.0             | 12.60           | 243.10      | 6,134.7             | -431.3     | -1,257.6   | 1,329.5               | 0.89                  | -0.65                |                       |
| 6,378.0             | 12.80           | 248.00      | 6,223.4             | -439.6     | -1,275.8   | 1,349.4               | 1.20                  | 0.22                 |                       |
| 6,470.0             | 11.30           | 244.50      | 6,313.4             | -447.3     | -1,293.4   | 1,368.5               | 1.81                  | -1.63                |                       |
| 6,562.0             | 10.60           | 244.40      | 6,403.7             | -454.8     | -1,309.1   | 1,385.9               | 0.76                  | -0.76                |                       |
| 6,653.0             | 11.60           | 246.10      | 6,493.0             | -462.2     | -1,325.0   | 1,403.3               | 1.16                  | 1.10                 |                       |
| 6,745.0             | 13.30           | 252.20      | 6,582.9             | -469.1     | -1,343.6   | 1,423.1               | 2.33                  | 1.85                 |                       |
| 6,836.0             | 12.40           | 251.60      | 6,671.6             | -475.4     | -1,362.8   | 1,443.4               | 1.00                  | -0.99                |                       |
| 6,928.0             | 14.80           | 256.50      | 6,761.0             | -481.3     | -1,383.6   | 1,464.9               | 2.89                  | 2.61                 |                       |
| 7,019.0             | 14.20           | 255.80      | 6,849.1             | -486.7     | -1,405.7   | 1,487.6               | 0.69                  | -0.66                |                       |
| 7,111.0             | 13.60           | 255.60      | 6,938.4             | -492.2     | -1,427.1   | 1,509.6               | 0.65                  | -0.65                |                       |
| 7,202.0             | 13.00           | 255.10      | 7,027.0             | -497.5     | -1,447.4   | 1,530.5               | 0.67                  | -0.66                |                       |
| 7,293.0             | 12.40           | 253.30      | 7,115.7             | -502.9     | -1,466.7   | 1,550.5               | 0.79                  | -0.66                |                       |
| 7,385.0             | 11.70           | 253.10      | 7,205.7             | -508.5     | -1,485.0   | 1,569.7               | 0.76                  | -0.76                |                       |
| 7,477.0             | 12.80           | 250.30      | 7,295.6             | -514.6     | -1,503.6   | 1,589.2               | 1.36                  | 1.20                 |                       |
| 7,568.0             | 12.00           | 247.00      | 7,384.5             | -521.7     | -1,521.8   | 1,608.7               | 1.17                  | -0.88                |                       |
| 7,660.0             | 11.70           | 244.90      | 7,474.5             | -529.4     | -1,539.0   | 1,627.5               | 0.57                  | -0.33                |                       |
| 7,752.0             | 12.00           | 253.00      | 7,564.6             | -536.2     | -1,556.6   | 1,646.4               | 1.84                  | 0.33                 |                       |
| 7,843.0             | 11.60           | 252.40      | 7,653.7             | -541.7     | -1,574.4   | 1,665.0               | 0.46                  | -0.44                |                       |
| 7,935.0             | 11.20           | 253.10      | 7,743.8             | -547.1     | -1,591.7   | 1,683.1               | 0.46                  | -0.43                |                       |
| 8,026.0             | 10.70           | 253.30      | 7,833.2             | -552.1     | -1,608.3   | 1,700.4               | 0.55                  | -0.55                |                       |
| 8,118.0             | 10.30           | 252.40      | 7,923.6             | -557.0     | -1,624.3   | 1,717.2               | 0.47                  | -0.43                |                       |
| 8,209.0             | 8.40            | 254.40      | 8,013.4             | -561.3     | -1,638.5   | 1,731.9               | 2.12                  | -2.09                |                       |
| 8,301.0             | 6.80            | 249.00      | 8,104.6             | -565.0     | -1,650.0   | 1,744.1               | 1.90                  | -1.74                |                       |
| 8,393.0             | 5.00            | 246.70      | 8,196.1             | -568.6     | -1,658.8   | 1,753.5               | 1.97                  | -1.96                |                       |
| 8,484.0             | 2.70            | 263.00      | 8,286.9             | -570.4     | -1,664.6   | 1,759.6               | 2.77                  | -2.53                |                       |
| 8,575.0             | 1.20            | 222.40      | 8,377.9             | -571.4     | -1,667.3   | 1,762.5               | 2.14                  | -1.65                |                       |
| 8,666.0             | 1.30            | 220.60      | 8,468.8             | -572.9     | -1,668.6   | 1,764.2               | 0.12                  | 0.11                 |                       |
| 8,758.0             | 1.30            | 217.60      | 8,560.8             | -574.5     | -1,670.0   | 1,766.0               | 0.07                  | 0.00                 |                       |
| 8,850.0             | 1.30            | 218.20      | 8,652.8             | -576.1     | -1,671.2   | 1,767.8               | 0.01                  | 0.00                 |                       |
| 8,941.0             | 0.90            | 210.90      | 8,743.8             | -577.6     | -1,672.2   | 1,769.2               | 0.46                  | -0.44                |                       |
| 9,033.0             | 1.30            | 219.30      | 8,835.8             | -579.0     | -1,673.3   | 1,770.6               | 0.47                  | 0.43                 |                       |
| 9,125.0             | 1.80            | 220.20      | 8,927.7             | -580.9     | -1,674.9   | 1,772.7               | 0.54                  | 0.54                 |                       |
| 9,216.0             | 1.10            | 259.20      | 9,018.7             | -582.1     | -1,676.7   | 1,774.8               | 1.29                  | -0.77                |                       |
| 9,308.0             | 1.30            | 255.20      | 9,110.7             | -582.6     | -1,678.5   | 1,776.8               | 0.24                  | 0.22                 |                       |
| 9,399.0             | 1.90            | 306.60      | 9,201.7             | -581.9     | -1,680.7   | 1,778.6               | 1.64                  | 0.66                 |                       |
| 9,491.0             | 2.20            | 351.30      | 9,293.6             | -579.3     | -1,682.2   | 1,779.2               | 1.72                  | 0.33                 |                       |
| 9,582.0             | 2.10            | 350.00      | 9,384.5             | -575.9     | -1,682.8   | 1,778.6               | 0.12                  | -0.11                |                       |
| 9,674.0             | 1.60            | 25.60       | 9,476.5             | -573.1     | -1,682.5   | 1,777.4               | 1.33                  | -0.54                |                       |
| 9,766.0             | 1.20            | 28.30       | 9,568.5             | -571.1     | -1,681.5   | 1,775.8               | 0.44                  | -0.43                |                       |
| 9,857.0             | 1.20            | 87.60       | 9,659.4             | -570.2     | -1,680.1   | 1,774.2               | 1.30                  | 0.00                 |                       |
| 9,949.0             | 0.70            | 96.70       | 9,751.4             | -570.2     | -1,678.6   | 1,772.8               | 0.57                  | -0.54                |                       |
| 10,040.0            | 0.40            | 158.30      | 9,842.4             | -570.6     | -1,677.9   | 1,772.3               | 0.68                  | -0.33                |                       |
| 10,132.0            | 0.40            | 151.50      | 9,934.4             | -571.2     | -1,677.6   | 1,772.2               | 0.05                  | 0.00                 |                       |
| 10,224.0            | 0.40            | 198.20      | 10,026.4            | -571.8     | -1,677.6   | 1,772.3               | 0.34                  | 0.00                 |                       |

## Survey Report

|                  |                            |                                     |                                |
|------------------|----------------------------|-------------------------------------|--------------------------------|
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well SGU 8503D-36 B36 496      |
| <b>Project:</b>  | Story Gulch                | <b>TVD Reference:</b>               | KBE @ 8374.0ft (Patterson 308) |
| <b>Site:</b>     | S36-T4S-R96W (B36 496)     | <b>MD Reference:</b>                | KBE @ 8374.0ft (Patterson 308) |
| <b>Well:</b>     | SGU 8503D-36 B36 496       | <b>North Reference:</b>             | True                           |
| <b>Wellbore:</b> | DD                         | <b>Survey Calculation Method:</b>   | Minimum Curvature              |
| <b>Design:</b>   | DD                         | <b>Database:</b>                    | EDM 5000.1 US Multi Users DB   |

| Survey              |                 |             |                     |            |            |                       |                       |                      |                                    |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|------------------------------------|
| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Formations / Comments              |
| 10,315.0            | 0.70            | 115.80      | 10,117.4            | -572.3     | -1,677.2   | 1,772.1               | 0.83                  | 0.33                 |                                    |
| 10,407.0            | 0.90            | 138.70      | 10,209.4            | -573.1     | -1,676.2   | 1,771.5               | 0.41                  | 0.22                 |                                    |
| 10,499.0            | 1.30            | 61.20       | 10,301.4            | -573.1     | -1,674.8   | 1,770.2               | 1.53                  | 0.43                 |                                    |
| 10,590.0            | 0.90            | 100.50      | 10,392.4            | -572.8     | -1,673.2   | 1,768.5               | 0.91                  | -0.44                |                                    |
| 10,682.0            | 0.70            | 130.70      | 10,484.4            | -573.3     | -1,672.1   | 1,767.6               | 0.50                  | -0.22                |                                    |
| 10,773.0            | 0.10            | 241.60      | 10,575.4            | -573.7     | -1,671.7   | 1,767.4               | 0.81                  | -0.66                |                                    |
| 10,865.0            | 0.80            | 337.70      | 10,667.4            | -573.1     | -1,672.0   | 1,767.5               | 0.89                  | 0.76                 |                                    |
| 10,956.0            | 0.60            | 294.40      | 10,758.4            | -572.3     | -1,672.7   | 1,767.9               | 0.60                  | -0.22                |                                    |
| 11,048.0            | 0.90            | 257.60      | 10,850.4            | -572.3     | -1,673.9   | 1,769.0               | 0.60                  | 0.33                 |                                    |
| 11,140.0            | 0.40            | 271.70      | 10,942.3            | -572.4     | -1,674.9   | 1,770.0               | 0.57                  | -0.54                |                                    |
| 11,231.0            | 0.70            | 230.50      | 11,033.3            | -572.8     | -1,675.6   | 1,770.8               | 0.53                  | 0.33                 |                                    |
| 11,323.0            | 0.80            | 227.50      | 11,125.3            | -573.6     | -1,676.5   | 1,771.9               | 0.12                  | 0.11                 |                                    |
| 11,415.0            | 1.60            | 224.60      | 11,217.3            | -574.9     | -1,677.9   | 1,773.7               | 0.87                  | 0.87                 |                                    |
| 11,506.0            | 1.00            | 253.40      | 11,308.3            | -576.1     | -1,679.6   | 1,775.6               | 0.96                  | -0.66                |                                    |
| 11,597.0            | 1.60            | 254.30      | 11,399.3            | -576.6     | -1,681.5   | 1,777.7               | 0.66                  | 0.66                 |                                    |
| 11,689.0            | 1.40            | 242.10      | 11,491.2            | -577.5     | -1,683.8   | 1,780.0               | 0.41                  | -0.22                |                                    |
| 11,781.0            | 2.10            | 238.80      | 11,583.2            | -578.9     | -1,686.2   | 1,782.8               | 0.77                  | 0.76                 |                                    |
| 11,872.0            | 2.40            | 230.50      | 11,674.1            | -581.0     | -1,689.1   | 1,786.2               | 0.49                  | 0.33                 |                                    |
| 11,964.0            | 2.60            | 237.30      | 11,766.0            | -583.3     | -1,692.4   | 1,790.1               | 0.39                  | 0.22                 |                                    |
| 12,055.0            | 3.20            | 227.90      | 11,856.9            | -586.1     | -1,696.0   | 1,794.4               | 0.84                  | 0.66                 |                                    |
| 12,147.0            | 3.60            | 237.70      | 11,948.8            | -589.4     | -1,700.3   | 1,799.6               | 0.77                  | 0.43                 |                                    |
| 12,235.0            | 3.70            | 224.30      | 12,036.6            | -592.9     | -1,704.6   | 1,804.8               | 0.97                  | 0.11                 | Last Cathedral Survey @ 12,235' MD |
| 12,290.0            | 3.70            | 224.30      | 12,091.5            | -595.5     | -1,707.1   | 1,808.0               | 0.00                  | 0.00                 | Projection to Bit @ 12,290'        |

| Targets   |               |              |          |            |            |               |              |                 |                 |
|---|---------------|--------------|----------|------------|------------|---------------|--------------|-----------------|-----------------|
| Target Name   | Dip Angle (°) | Dip Dir. (°) | TVD (ft) | +N/-S (ft) | +E/-W (ft) | Northing (ft) | Easting (ft) | Latitude        | Longitude       |
| 8503D-36 TOG<br>- hit/miss target<br>- Shape<br>- Point   | 0.00          | 0.00         | 8,380.0  | -572.9     | -1,671.3   | 1,676,776.34  | 2,262,637.45 | 39° 39' 44.48 N | 108° 7' 10.10 W |
| - survey misses target center by 4.2ft at 8577.2ft MD (8380.1 TVD, -571.4 N, -1667.4 E)   |               |              |          |            |            |               |              |                 |                 |
| 8503D-36 PBHL<br>- survey misses target center by 13.1ft at 12137.5ft MD (11939.2 TVD, -589.1 N, -1699.8 E)<br>- Rectangle (sides W30.0 H50.0 D0.0) | 0.00          | 0.00         | 11,940.0 | -582.9     | -1,688.3   | 1,676,766.83  | 2,262,620.13 | 39° 39' 44.38 N | 108° 7' 10.32 W |

| Survey Annotations  |                     |                   |            |                                    |  |
|---------------------|---------------------|-------------------|------------|------------------------------------|--|
| Measured Depth (ft) | Vertical Depth (ft) | Local Coordinates |            | Comment                            |  |
|                     |                     | +N/-S (ft)        | +E/-W (ft) |                                    |  |
| 12,235.0            | 12,036.6            | -592.9            | -1,704.6   | Last Cathedral Survey @ 12,235' MD |  |
| 12,290.0            | 12,091.5            | -595.5            | -1,707.1   | Projection to Bit @ 12,290'        |  |

|                   |                    |             |
|-------------------|--------------------|-------------|
| Checked By: _____ | Approved By: _____ | Date: _____ |
|-------------------|--------------------|-------------|