

Submit 1 Copy To Appropriate District Office  
District I - (575) 393-6161  
1625 N. French Dr., Hobbs, NM 88240  
District II - (575) 748-1283  
811 S. First St., Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV - (505) 476-3460  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised July 18, 2013

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

|                                                                                                     |
|-----------------------------------------------------------------------------------------------------|
| WELL API NO.<br>30-045-35476                                                                        |
| 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No.<br>LG 5686 and LG 9804                                                 |
| 7. Lease Name or Unit Agreement Name                                                                |
| 8. Well Number<br>Good Times P36-2410 01H                                                           |
| 9. OGRID Number<br>282327                                                                           |
| 10. Pool name or Wildcat<br>Basin Mancos (97232)/South Bisti Gallup (5680)                          |

|                                                                                                                                                                                                                                                                                   |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| SUNDRY NOTICES AND REPORTS ON WELLS<br>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)                                                                            |                       |
| 1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other                                                                                                                                                                             |                       |
| 2. Name of Operator<br>Encana Oil & Gas (USA) Inc.                                                                                                                                                                                                                                | OIL CONS. DIV DIST. 3 |
| 3. Address of Operator<br>370 17 <sup>th</sup> Street, Suite 1700, Denver, Colorado 80202                                                                                                                                                                                         | MAY 07 2014           |
| 4. Well Location<br>SHL: Unit Letter: <u>P 1341</u> feet from the SOUTH line and <u>255</u> feet from the EAST line<br>BHL: Unit Letter: <u>L 2180</u> feet from the SOUTH line and <u>330</u> feet from the WEST line<br>Section: 36 Township 24N Range 10W NMPM San Juan County |                       |
| 11. Elevation (Show whether DR, RKB, RT, GR, etc.)<br>6874' GR                                                                                                                                                                                                                    |                       |

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

| NOTICE OF INTENTION TO:                        |                                                  | SUBSEQUENT REPORT OF:                            |                                          |
|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------|
| PERFORM REMEDIAL WORK <input type="checkbox"/> | PLUG AND ABANDON <input type="checkbox"/>        | REMEDIAL WORK <input type="checkbox"/>           | ALTERING CASING <input type="checkbox"/> |
| TEMPORARILY ABANDON <input type="checkbox"/>   | CHANGE PLANS <input checked="" type="checkbox"/> | COMMENCE DRILLING OPNS. <input type="checkbox"/> | P AND A <input type="checkbox"/>         |
| PULL OR ALTER CASING <input type="checkbox"/>  | MULTIPLE COMPL <input type="checkbox"/>          | CASING/CEMENT JOB <input type="checkbox"/>       |                                          |
| DOWNHOLE COMMINGLE <input type="checkbox"/>    |                                                  |                                                  |                                          |
| CLOSED-LOOP SYSTEM <input type="checkbox"/>    |                                                  |                                                  |                                          |
| OTHER: <input type="checkbox"/>                |                                                  | OTHER: <input type="checkbox"/>                  |                                          |

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Encana Oil & Gas (USA) Inc. (Encana) requests approval to land the Total Vertical Depth (TVD) of the Good Times P36-2410 01H (API: 30-045-35476-0000) approximately 180' above the original TVD. The new TVD target is still within the Gallup formation and still within the depths defining the permitted pool. 7" casing will be set @ 368.3' west of the SHL on the new plan. The 7" casing point is still located on the legal side of our setbacks within the permitted project area. The updated plan is attached for your reference.

\* APO COA's still apply

Spud Date: Estimated: 05/10/14

Rig Release Date: Estimated: 05/22/14

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jessica Gregg TITLE Regulatory Analyst DATE 05/01/2014

Type or print name Jessica Gregg E-mail address: jessica.gregg@encana.com PHONE: 720-876-3926

For State Use Only

APPROVED BY: WHL TITLE GEOLOGIST DISTRICT #3 DATE 5/7/14  
Conditions of Approval (if any): AV

# encana

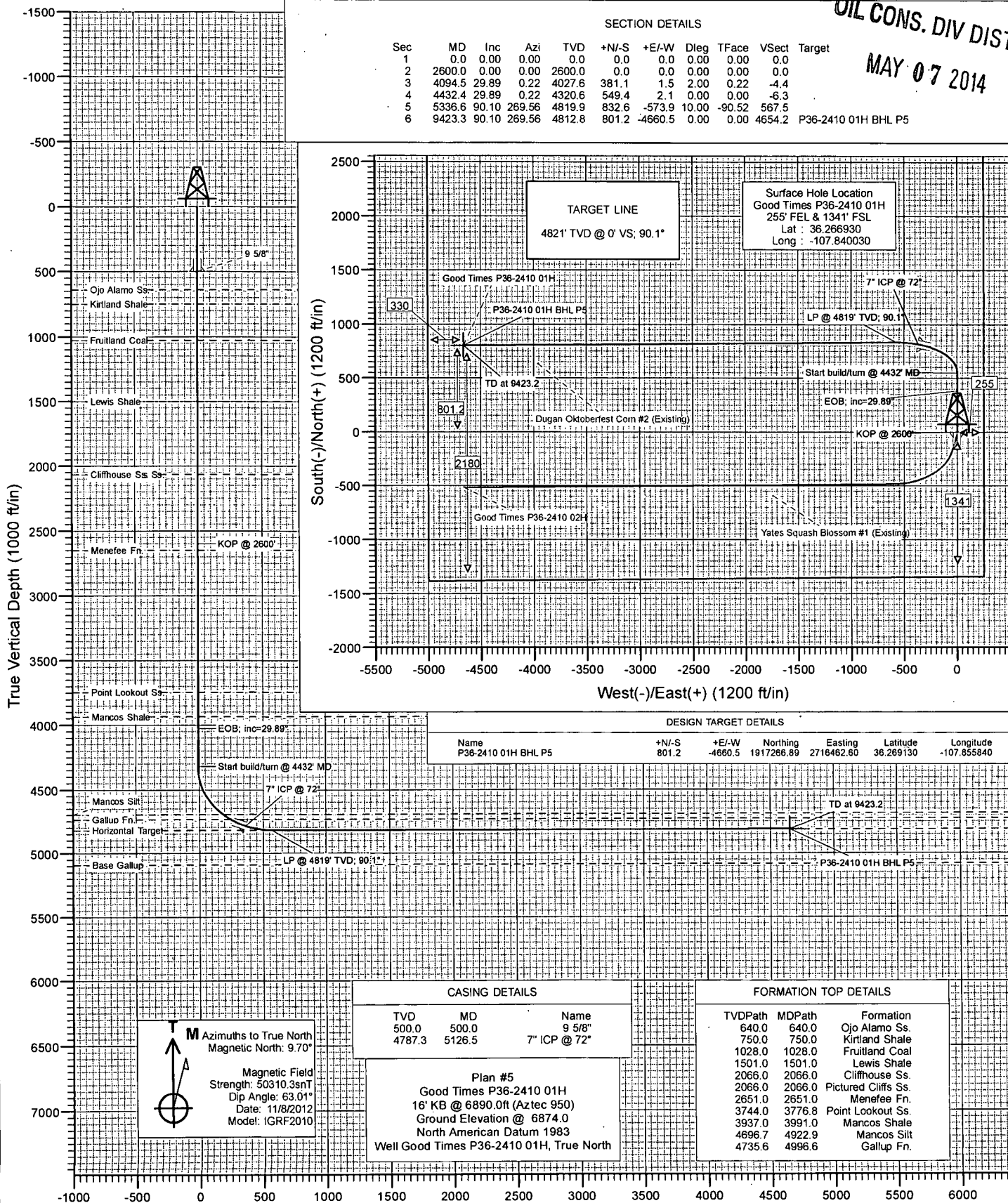
Project: San Juan County, NM  
 Site: S36-T24N-R10W (Good Times)  
 Well: Good Times P36-2410 01H  
 Wellbore: HZ  
 Design: Plan #5

**CATHEDRAL**

OIL CONS. DIV DIST. 3  
 MAY 07 2014

## 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   | 2600.0 | 0.00  | 0.00   | 2600.0 | 0.0   | 0.0     | 0.00  | 0.00   | 0.0    |                     |
| 3   | 4094.5 | 29.89 | 0.22   | 4027.6 | 381.1 | 1.5     | 2.00  | 0.22   | -4.4   |                     |
| 4   | 4432.4 | 29.89 | 0.22   | 4320.6 | 549.4 | 2.1     | 0.00  | 0.00   | -6.3   |                     |
| 5   | 5336.6 | 90.10 | 269.56 | 4819.9 | 832.6 | -573.9  | 10.00 | -90.52 | 567.5  |                     |
| 6   | 9423.3 | 90.10 | 269.56 | 4812.8 | 801.2 | -4660.5 | 0.00  | 0.00   | 4654.2 | P36-2410 01H BHL P5 |



Vertical Section at 269.56° (1000 ft/in)

# Cathedral Energy Services

## Planning Report

|           |                             |                              |                                 |
|-----------|-----------------------------|------------------------------|---------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Good Times P36-2410 01H    |
| Company:  | EnCana Oil & Gas (USA) Inc  | TVD Reference:               | 16' KB @ 6890.0usft (Aztec 950) |
| Project:  | San Juan County, NM         | MD Reference:                | 16' KB @ 6890.0usft (Aztec 950) |
| Site:     | S36-T24N-R10W (Good Times)  | North Reference:             | True                            |
| Well:     | Good Times P36-2410 01H     | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | HZ                          |                              |                                 |
| Design:   | Plan #5                     |                              |                                 |

|             |                           |               |                |
|-------------|---------------------------|---------------|----------------|
| Project     | San Juan County, NM       |               |                |
| Map System: | US State Plane 1983       | System Datum: | Mean Sea Level |
| Geo Datum:  | North American Datum 1983 |               |                |
| Map Zone:   | New Mexico Western Zone   |               |                |

|                       |                            |                   |                   |
|-----------------------|----------------------------|-------------------|-------------------|
| Site                  | S36-T24N-R10W (Good Times) |                   |                   |
| Site Position:        |                            | Northing:         | 1,937,827.53 usft |
| From:                 | Lat/Long                   | Easting:          | 2,706,096.15 usft |
| Position Uncertainty: | 0.0 usft                   | Slot Radius:      | 13-3/16"          |
|                       |                            | Grid Convergence: | -0.03 °           |

|                      |                         |                     |                             |
|----------------------|-------------------------|---------------------|-----------------------------|
| Well                 | Good Times P36-2410 01H |                     |                             |
| Well Position        | +N/-S                   | 0.0 usft            | Northing: 1,916,461.50 usft |
|                      | +E/-W                   | 0.0 usft            | Easting: 2,721,117.57 usft  |
| Position Uncertainty | 0.0 usft                | Wellhead Elevation: | usft                        |
|                      |                         | Ground Level:       | 6,874.0 usft                |

|           |            |             |                     |
|-----------|------------|-------------|---------------------|
| Wellbore  | HZ         |             |                     |
| Magnetics | Model Name | Sample Date | Declination (°)     |
|           | IGRF2010   | 11/8/2012   | 9.70                |
|           |            |             | Dip Angle (°)       |
|           |            |             | 63.01               |
|           |            |             | Field Strength (nT) |
|           |            |             | 50,310              |

|                   |                         |              |                   |
|-------------------|-------------------------|--------------|-------------------|
| Design            | Plan #5                 |              |                   |
| Audit Notes:      |                         |              |                   |
| Version:          | Phase:                  | PLAN         | Tie On Depth: 0.0 |
| Vertical Section: | Depth From (TVD) (usft) | +N/-S (usft) | +E/-W (usft)      |
|                   | 0.0                     | 0.0          | 0.0               |
|                   |                         |              | Direction (°)     |
|                   |                         |              | 269.56            |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |                    |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|--------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target             |
| 0.0                   | 0.00            | 0.00        | 0.0                   | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 4,094.5               | 29.89           | 0.22        | 4,027.6               | 381.1        | 1.5          | 2.00                    | 2.00                   | 0.00                  | 0.22    |                    |
| 4,432.4               | 29.89           | 0.22        | 4,320.6               | 549.4        | 2.1          | 0.00                    | 0.00                   | 0.00                  | 0.00    |                    |
| 5,336.6               | 90.10           | 269.56      | 4,819.9               | 832.6        | -573.9       | 10.00                   | 6.66                   | -10.03                | -90.52  |                    |
| 9,423.2               | 90.10           | 269.56      | 4,812.8               | 801.2        | -4,660.5     | 0.00                    | 0.00                   | 0.00                  | 0.00    | P36-2410 01H BHL P |

# Cathedral Energy Services

## Planning Report

|           |                             |                              |                                 |
|-----------|-----------------------------|------------------------------|---------------------------------|
| Database: | USA EDM 5000 Multi Users DB | Local Co-ordinate Reference: | Well Good Times P36-2410 01H    |
| Company:  | EnCana Oil & Gas (USA) Inc  | TVD Reference:               | 16' KB @ 6890.0usft (Aztec 950) |
| Project:  | San Juan County, NM         | MD Reference:                | 16' KB @ 6890.0usft (Aztec 950) |
| Site:     | S36-T24N-R10W (Good Times)  | North Reference:             | True                            |
| Well:     | Good Times P36-2410 01H     | Survey Calculation Method:   | Minimum Curvature               |
| Wellbore: | HZ                          |                              |                                 |
| Design:   | Plan #5                     |                              |                                 |

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | 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                |                                      |
| 300.0                 | 0.00            | 0.00        | 300.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 400.0                 | 0.00            | 0.00        | 400.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 500.0                 | 0.00            | 0.00        | 500.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | 9 5/8"                               |
| 600.0                 | 0.00            | 0.00        | 600.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 640.0                 | 0.00            | 0.00        | 640.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | Ojo Alamo Ss.                        |
| 700.0                 | 0.00            | 0.00        | 700.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 750.0                 | 0.00            | 0.00        | 750.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | Kirtland Shale                       |
| 800.0                 | 0.00            | 0.00        | 800.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 900.0                 | 0.00            | 0.00        | 900.0                 | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,000.0               | 0.00            | 0.00        | 1,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,028.0               | 0.00            | 0.00        | 1,028.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | Fruitland Coal                       |
| 1,100.0               | 0.00            | 0.00        | 1,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,200.0               | 0.00            | 0.00        | 1,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,300.0               | 0.00            | 0.00        | 1,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,400.0               | 0.00            | 0.00        | 1,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,500.0               | 0.00            | 0.00        | 1,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,501.0               | 0.00            | 0.00        | 1,501.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | Lewis Shale                          |
| 1,600.0               | 0.00            | 0.00        | 1,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,700.0               | 0.00            | 0.00        | 1,700.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,800.0               | 0.00            | 0.00        | 1,800.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 1,900.0               | 0.00            | 0.00        | 1,900.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,000.0               | 0.00            | 0.00        | 2,000.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,066.0               | 0.00            | 0.00        | 2,066.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | Pictured Cliffs Ss. - Cliffhouse Ss. |
| 2,100.0               | 0.00            | 0.00        | 2,100.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,200.0               | 0.00            | 0.00        | 2,200.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,300.0               | 0.00            | 0.00        | 2,300.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,400.0               | 0.00            | 0.00        | 2,400.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,500.0               | 0.00            | 0.00        | 2,500.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                |                                      |
| 2,600.0               | 0.00            | 0.00        | 2,600.0               | 0.0          | 0.0          | 0.0                     | 0.00                    | 0.00                | KOP @ 2600'                          |
| 2,651.0               | 1.02            | 0.22        | 2,651.0               | 0.5          | 0.0          | 0.0                     | 2.00                    | 2.00                | Menefee Fn.                          |
| 2,700.0               | 2.00            | 0.22        | 2,700.0               | 1.7          | 0.0          | 0.0                     | 2.00                    | 2.00                |                                      |
| 2,800.0               | 4.00            | 0.22        | 2,799.8               | 7.0          | 0.0          | -0.1                    | 2.00                    | 2.00                |                                      |
| 2,900.0               | 6.00            | 0.22        | 2,899.4               | 15.7         | 0.1          | -0.2                    | 2.00                    | 2.00                |                                      |
| 3,000.0               | 8.00            | 0.22        | 2,998.7               | 27.9         | 0.1          | -0.3                    | 2.00                    | 2.00                |                                      |
| 3,100.0               | 10.00           | 0.22        | 3,097.5               | 43.5         | 0.2          | -0.5                    | 2.00                    | 2.00                |                                      |
| 3,200.0               | 12.00           | 0.22        | 3,195.6               | 62.6         | 0.2          | -0.7                    | 2.00                    | 2.00                |                                      |
| 3,300.0               | 14.00           | 0.22        | 3,293.0               | 85.1         | 0.3          | -1.0                    | 2.00                    | 2.00                |                                      |
| 3,400.0               | 16.00           | 0.22        | 3,389.6               | 111.0        | 0.4          | -1.3                    | 2.00                    | 2.00                |                                      |
| 3,500.0               | 18.00           | 0.22        | 3,485.3               | 140.2        | 0.5          | -1.6                    | 2.00                    | 2.00                |                                      |
| 3,600.0               | 20.00           | 0.22        | 3,579.8               | 172.8        | 0.7          | -2.0                    | 2.00                    | 2.00                |                                      |
| 3,700.0               | 22.00           | 0.22        | 3,673.2               | 208.6        | 0.8          | -2.4                    | 2.00                    | 2.00                |                                      |
| 3,776.8               | 23.54           | 0.22        | 3,744.0               | 238.3        | 0.9          | -2.7                    | 2.00                    | 2.00                | Point Lookout Ss.                    |
| 3,800.0               | 24.00           | 0.22        | 3,765.2               | 247.7        | 1.0          | -2.9                    | 2.00                    | 2.00                |                                      |
| 3,900.0               | 26.00           | 0.22        | 3,855.8               | 289.9        | 1.1          | -3.3                    | 2.00                    | 2.00                |                                      |
| 3,991.0               | 27.82           | 0.22        | 3,937.0               | 331.1        | 1.3          | -3.8                    | 2.00                    | 2.00                | Mancos Shale                         |
| 4,000.0               | 28.00           | 0.22        | 3,944.9               | 335.3        | 1.3          | -3.9                    | 2.00                    | 2.00                |                                      |
| 4,094.5               | 29.89           | 0.22        | 4,027.6               | 381.1        | 1.5          | -4.4                    | 2.00                    | 2.00                | EOB; inc=29.89°                      |
| 4,100.0               | 29.89           | 0.22        | 4,032.4               | 383.8        | 1.5          | -4.4                    | 0.00                    | 0.00                |                                      |
| 4,200.0               | 29.89           | 0.22        | 4,119.1               | 433.6        | 1.7          | -5.0                    | 0.00                    | 0.00                |                                      |

# Cathedral Energy Services

## Planning Report

|                  |                             |                                     |                                 |
|------------------|-----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc  | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Project:</b>  | San Juan County, NM         | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site:</b>     | S36-T24N-R10W (Good Times)  | <b>North Reference:</b>             | True                            |
| <b>Well:</b>     | Good Times P36-2410 01H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HZ                          |                                     |                                 |
| <b>Design:</b>   | Plan #5                     |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                     |                             |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|-----------------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations       |
| 4,300.0               | 29.89           | 0.22        | 4,205.8               | 483.5        | 1.9          | -5.6                    | 0.00                    | 0.00                |                             |
| 4,400.0               | 29.89           | 0.22        | 4,292.5               | 533.3        | 2.1          | -6.1                    | 0.00                    | 0.00                |                             |
| 4,432.4               | 29.89           | 0.22        | 4,320.6               | 549.4        | 2.1          | -6.3                    | 0.00                    | 0.00                | Start build/turn @ 4432' MD |
| 4,500.0               | 30.52           | 346.82      | 4,379.1               | 583.0        | -1.7         | -2.7                    | 10.00                   | 0.93                |                             |
| 4,600.0               | 33.75           | 328.95      | 4,463.9               | 631.7        | -21.9        | 17.1                    | 10.00                   | 3.23                |                             |
| 4,700.0               | 39.09           | 314.65      | 4,544.5               | 677.8        | -58.8        | 53.5                    | 10.00                   | 5.34                |                             |
| 4,800.0               | 45.79           | 303.61      | 4,618.4               | 719.9        | -111.2       | 105.6                   | 10.00                   | 6.70                |                             |
| 4,900.0               | 53.33           | 294.96      | 4,683.3               | 756.7        | -177.5       | 171.7                   | 10.00                   | 7.54                |                             |
| 4,922.9               | 55.14           | 293.22      | 4,696.7               | 764.3        | -194.5       | 188.6                   | 10.00                   | 7.89                | Mancos Silt                 |
| 4,996.6               | 61.09           | 288.12      | 4,735.6               | 786.3        | -253.0       | 246.9                   | 10.00                   | 8.09                | Gallup Fn.                  |
| 5,000.0               | 61.38           | 287.90      | 4,737.2               | 787.2        | -255.9       | 249.8                   | 10.00                   | 8.23                |                             |
| 5,100.0               | 69.74           | 281.87      | 4,778.6               | 810.4        | -343.7       | 337.5                   | 10.00                   | 8.36                |                             |
| 5,126.5               | 71.99           | 280.39      | 4,787.3               | 815.2        | -368.3       | 362.0                   | 10.00                   | 8.50                | 7" ICP @ 72°                |
| 5,200.0               | 78.29           | 276.46      | 4,806.1               | 825.6        | -438.5       | 432.2                   | 10.00                   | 8.57                |                             |
| 5,300.0               | 86.93           | 271.38      | 4,819.0               | 832.3        | -537.4       | 530.9                   | 10.00                   | 8.64                |                             |
| 5,336.6               | 90.10           | 269.56      | 4,819.9               | 832.6        | -573.9       | 567.5                   | 10.00                   | 8.67                | LP @ 4819' TVD; 90.1°       |
| 5,400.0               | 90.10           | 269.56      | 4,819.8               | 832.1        | -637.3       | 630.9                   | 0.00                    | 0.00                |                             |
| 5,500.0               | 90.10           | 269.56      | 4,819.6               | 831.4        | -737.3       | 730.9                   | 0.00                    | 0.00                |                             |
| 5,600.0               | 90.10           | 269.56      | 4,819.5               | 830.6        | -837.3       | 830.9                   | 0.00                    | 0.00                |                             |
| 5,700.0               | 90.10           | 269.56      | 4,819.3               | 829.8        | -937.3       | 930.9                   | 0.00                    | 0.00                |                             |
| 5,800.0               | 90.10           | 269.56      | 4,819.1               | 829.1        | -1,037.3     | 1,030.9                 | 0.00                    | 0.00                |                             |
| 5,900.0               | 90.10           | 269.56      | 4,818.9               | 828.3        | -1,137.3     | 1,130.9                 | 0.00                    | 0.00                |                             |
| 6,000.0               | 90.10           | 269.56      | 4,818.8               | 827.5        | -1,237.3     | 1,230.9                 | 0.00                    | 0.00                |                             |
| 6,100.0               | 90.10           | 269.56      | 4,818.6               | 826.8        | -1,337.3     | 1,330.9                 | 0.00                    | 0.00                |                             |
| 6,200.0               | 90.10           | 269.56      | 4,818.4               | 826.0        | -1,437.3     | 1,430.9                 | 0.00                    | 0.00                |                             |
| 6,300.0               | 90.10           | 269.56      | 4,818.3               | 825.2        | -1,537.3     | 1,530.9                 | 0.00                    | 0.00                |                             |
| 6,400.0               | 90.10           | 269.56      | 4,818.1               | 824.4        | -1,637.3     | 1,630.9                 | 0.00                    | 0.00                |                             |
| 6,500.0               | 90.10           | 269.56      | 4,817.9               | 823.7        | -1,737.3     | 1,730.9                 | 0.00                    | 0.00                |                             |
| 6,600.0               | 90.10           | 269.56      | 4,817.7               | 822.9        | -1,837.3     | 1,830.9                 | 0.00                    | 0.00                |                             |
| 6,700.0               | 90.10           | 269.56      | 4,817.6               | 822.1        | -1,937.3     | 1,930.9                 | 0.00                    | 0.00                |                             |
| 6,800.0               | 90.10           | 269.56      | 4,817.4               | 821.4        | -2,037.3     | 2,030.9                 | 0.00                    | 0.00                |                             |
| 6,900.0               | 90.10           | 269.56      | 4,817.2               | 820.6        | -2,137.3     | 2,130.9                 | 0.00                    | 0.00                |                             |
| 7,000.0               | 90.10           | 269.56      | 4,817.0               | 819.8        | -2,237.3     | 2,230.9                 | 0.00                    | 0.00                |                             |
| 7,100.0               | 90.10           | 269.56      | 4,816.9               | 819.1        | -2,337.3     | 2,330.9                 | 0.00                    | 0.00                |                             |
| 7,200.0               | 90.10           | 269.56      | 4,816.7               | 818.3        | -2,437.3     | 2,430.9                 | 0.00                    | 0.00                |                             |
| 7,300.0               | 90.10           | 269.56      | 4,816.5               | 817.5        | -2,537.3     | 2,530.9                 | 0.00                    | 0.00                |                             |
| 7,400.0               | 90.10           | 269.56      | 4,816.3               | 816.8        | -2,637.3     | 2,630.9                 | 0.00                    | 0.00                |                             |
| 7,500.0               | 90.10           | 269.56      | 4,816.2               | 816.0        | -2,737.3     | 2,730.9                 | 0.00                    | 0.00                |                             |
| 7,600.0               | 90.10           | 269.56      | 4,816.0               | 815.2        | -2,837.3     | 2,830.9                 | 0.00                    | 0.00                |                             |
| 7,700.0               | 90.10           | 269.56      | 4,815.8               | 814.5        | -2,937.3     | 2,930.9                 | 0.00                    | 0.00                |                             |
| 7,800.0               | 90.10           | 269.56      | 4,815.6               | 813.7        | -3,037.2     | 3,030.9                 | 0.00                    | 0.00                |                             |
| 7,900.0               | 90.10           | 269.56      | 4,815.5               | 812.9        | -3,137.2     | 3,130.9                 | 0.00                    | 0.00                |                             |
| 8,000.0               | 90.10           | 269.56      | 4,815.3               | 812.2        | -3,237.2     | 3,230.9                 | 0.00                    | 0.00                |                             |
| 8,100.0               | 90.10           | 269.56      | 4,815.1               | 811.4        | -3,337.2     | 3,330.9                 | 0.00                    | 0.00                |                             |
| 8,200.0               | 90.10           | 269.56      | 4,814.9               | 810.6        | -3,437.2     | 3,430.9                 | 0.00                    | 0.00                |                             |
| 8,300.0               | 90.10           | 269.56      | 4,814.8               | 809.9        | -3,537.2     | 3,530.9                 | 0.00                    | 0.00                |                             |
| 8,400.0               | 90.10           | 269.56      | 4,814.6               | 809.1        | -3,637.2     | 3,630.9                 | 0.00                    | 0.00                |                             |
| 8,500.0               | 90.10           | 269.56      | 4,814.4               | 808.3        | -3,737.2     | 3,730.9                 | 0.00                    | 0.00                |                             |
| 8,600.0               | 90.10           | 269.56      | 4,814.2               | 807.6        | -3,837.2     | 3,830.9                 | 0.00                    | 0.00                |                             |
| 8,700.0               | 90.10           | 269.56      | 4,814.1               | 806.8        | -3,937.2     | 3,930.9                 | 0.00                    | 0.00                |                             |
| 8,800.0               | 90.10           | 269.56      | 4,813.9               | 806.0        | -4,037.2     | 4,030.9                 | 0.00                    | 0.00                |                             |
| 8,900.0               | 90.10           | 269.56      | 4,813.7               | 805.3        | -4,137.2     | 4,130.9                 | 0.00                    | 0.00                |                             |

# Cathedral Energy Services

## Planning Report

|                  |                             |                                     |                                 |
|------------------|-----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc  | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Project:</b>  | San Juan County, NM         | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site:</b>     | S36-T24N-R10W (Good Times)  | <b>North Reference:</b>             | True                            |
| <b>Well:</b>     | Good Times P36-2410 01H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HZ                          |                                     |                                 |
| <b>Design:</b>   | Plan #5                     |                                     |                                 |

### Planned Survey

| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100u) | Comments / Formations |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|---------------------|-----------------------|
| 9,000.0               | 90.10           | 269.56      | 4,813.5               | 804.5        | -4,237.2     | 4,230.9                 | 0.00                    | 0.00                |                       |
| 9,100.0               | 90.10           | 269.56      | 4,813.4               | 803.7        | -4,337.2     | 4,330.9                 | 0.00                    | 0.00                |                       |
| 9,200.0               | 90.10           | 269.56      | 4,813.2               | 802.9        | -4,437.2     | 4,430.9                 | 0.00                    | 0.00                |                       |
| 9,300.0               | 90.10           | 269.56      | 4,813.0               | 802.2        | -4,537.2     | 4,530.9                 | 0.00                    | 0.00                |                       |
| 9,400.0               | 90.10           | 269.56      | 4,812.8               | 801.4        | -4,637.2     | 4,630.9                 | 0.00                    | 0.00                |                       |
| 9,423.2               | 90.10           | 269.56      | 4,812.8               | 801.2        | -4,660.5     | 4,654.2                 | 0.00                    | 0.00                | TD at 9423.2          |

### Targets

| Target Name                                                                                | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude  | Longitude   |
|--------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|-----------|-------------|
| - hit/miss target                                                                          |               |              |            |              |              |                 |                |           |             |
| - Shape                                                                                    |               |              |            |              |              |                 |                |           |             |
| P36-2410 01H BHL                                                                           | 0.00          | 359.99       | 4,988.7    | 801.2        | -4,660.5     | 1,917,263.05    | 2,716,457.17   | 36.269130 | -107.855840 |
| - plan misses target center by 175.9usft at 9422.9usft MD (4812.8 TVD, 801.2 N, -4660.2 E) |               |              |            |              |              |                 |                |           |             |
| - Point                                                                                    |               |              |            |              |              |                 |                |           |             |
| P36-2410 01H PZPPL                                                                         | 0.00          | 0.00         | 4,995.8    | 833.6        | -403.8       | 1,917,295.14    | 2,720,713.78   | 36.269220 | -107.841400 |
| - plan misses target center by 193.0usft at 5200.0usft MD (4806.1 TVD, 825.6 N, -438.5 E)  |               |              |            |              |              |                 |                |           |             |
| - Point                                                                                    |               |              |            |              |              |                 |                |           |             |
| P36-2410 01H BHL P4                                                                        | 0.00          | 359.99       | 4,986.8    | 801.2        | -4,660.5     | 1,917,263.05    | 2,716,457.17   | 36.269130 | -107.855840 |
| - plan misses target center by 174.0usft at 9422.9usft MD (4812.8 TVD, 801.2 N, -4660.2 E) |               |              |            |              |              |                 |                |           |             |
| - Point                                                                                    |               |              |            |              |              |                 |                |           |             |
| P36-2410 01H BHL P5                                                                        | 0.00          | 359.99       | 4,812.8    | 801.2        | -4,660.5     | 1,917,263.05    | 2,716,457.17   | 36.269130 | -107.855840 |
| - plan hits target center                                                                  |               |              |            |              |              |                 |                |           |             |
| - Point                                                                                    |               |              |            |              |              |                 |                |           |             |

### Casing Points

| Measured Depth (usft) | Vertical Depth (usft) | Name         | Casing Diameter (") | Hole Diameter (") |
|-----------------------|-----------------------|--------------|---------------------|-------------------|
| 5,126.5               | 4,787.3               | 7" ICP @ 72° | 0                   | 0                 |
| 500.0                 | 500.0                 | 9 5/8"       | 0                   | 0                 |

# Cathedral Energy Services

## Planning Report

|                  |                             |                                     |                                 |
|------------------|-----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | USA EDM 5000 Multi Users DB | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Company:</b>  | EnCana Oil & Gas (USA) Inc  | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Project:</b>  | San Juan County, NM         | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site:</b>     | S36-T24N-R10W (Good Times)  | <b>North Reference:</b>             | True                            |
| <b>Well:</b>     | Good Times P36-2410 01H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HZ                          |                                     |                                 |
| <b>Design:</b>   | Plan #5                     |                                     |                                 |

| Formations            |                       |                     |           |         |                   |
|-----------------------|-----------------------|---------------------|-----------|---------|-------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name                | Lithology | Dip (°) | Dip Direction (°) |
| 640.0                 | 640.0                 | Ojo Alamo Ss.       |           | -0.10   | 269.56            |
| 750.0                 | 750.0                 | Kirtland Shale      |           | -0.10   | 269.56            |
| 1,028.0               | 1,028.0               | Fruitland Coal      |           | -0.10   | 269.56            |
| 1,501.0               | 1,501.0               | Lewis Shale         |           | -0.10   | 269.56            |
| 2,066.0               | 2,066.0               | Pictured Cliffs Ss. |           | -0.10   | 269.56            |
| 2,066.0               | 2,066.0               | Cliffhouse Ss.      |           | -0.10   | 269.56            |
| 2,651.0               | 2,651.0               | Menefee Fn.         |           | -0.10   | 269.56            |
| 3,776.8               | 3,744.0               | Point Lookout Ss.   |           | -0.10   | 269.56            |
| 3,991.0               | 3,937.0               | Mancos Shale        |           | -0.10   | 269.56            |
| 4,922.9               | 4,697.0               | Mancos Silt         |           | -0.10   | 269.56            |
| 4,996.6               | 4,736.0               | Gallup Fn.          |           | -0.10   | 269.56            |

| Plan Annotations      |                       |                   |              |                             |  |
|-----------------------|-----------------------|-------------------|--------------|-----------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates |              |                             |  |
|                       |                       | +N/-S (usft)      | +E/-W (usft) | Comment                     |  |
| 2,600.0               | 2,600.0               | 0.0               | 0.0          | KOP @ 2600'                 |  |
| 4,094.5               | 4,027.6               | 381.1             | 1.5          | EOB; inc=29.89°             |  |
| 4,432.4               | 4,320.6               | 549.4             | 2.1          | Start build/turn @ 4432' MD |  |
| 5,336.6               | 4,819.9               | 832.6             | -573.9       | LP @ 4819' TVD; 90.1°       |  |
| 9,423.2               | 4,812.8               | 801.2             | -4,660.5     | TD at 9423.2                |  |

# **EnCana Oil & Gas (USA) Inc**

**San Juan County, NM**

**S36-T24N-R10W (Good Times)**

**Good Times P36-2410 01H**

**HZ**

**Plan #5**

## **Anticollision Report**

**25 April, 2014**

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

|                                     |                                                                     |
|-------------------------------------|---------------------------------------------------------------------|
| <b>Reference</b>                    | Plan #5                                                             |
| <b>Filter type:</b>                 | NO GLOBAL FILTER: Using user defined selection & filtering criteria |
| <b>Interpolation Method:</b>        | MD Interval 100.0usft                                               |
| <b>Depth Range:</b>                 | Unlimited                                                           |
| <b>Results Limited by:</b>          | Maximum center-center distance of 1,000.0usft                       |
| <b>Warning Levels Evaluated at:</b> | 2.00 Sigma                                                          |
| <b>Error Model:</b>                 | Systematic Ellipse                                                  |
| <b>Scan Method:</b>                 | Closest Approach 3D                                                 |
| <b>Error Surface:</b>               | Elliptical Conic                                                    |

|                            |                  |                          |
|----------------------------|------------------|--------------------------|
| <b>Survey Tool Program</b> | <b>Date</b>      | 4/25/2014                |
| <b>From (usft)</b>         | <b>To (usft)</b> | <b>Survey (Wellbore)</b> |
| 0.0                        | 9,423.2          | Plan #5 (HZ)             |
|                            |                  | <b>Tool Name</b>         |
|                            |                  | MWD                      |
|                            |                  | <b>Description</b>       |
|                            |                  | Geolink MWD              |

| Summary                                                   |                                 |                              |                                 |                                  |                   |              |
|-----------------------------------------------------------|---------------------------------|------------------------------|---------------------------------|----------------------------------|-------------------|--------------|
| Site Name                                                 | Reference Measured Depth (usft) | Offset Measured Depth (usft) | Distance Between Centres (usft) | Distance Between Ellipses (usft) | Separation Factor | Warning      |
| <b>Offset Well - Wellbore - Design</b>                    |                                 |                              |                                 |                                  |                   |              |
| S36-T24N-R10W (Good Times)                                |                                 |                              |                                 |                                  |                   |              |
| Dugan Champ #9 (Existing) - Existing - Existing           |                                 |                              |                                 |                                  |                   | Out of range |
| Dugan Fairway #1 (Existing) - Existing - Existing         |                                 |                              |                                 |                                  |                   | Out of range |
| Dugan Octoberfest #1 (Existing) - Existing - Existing     | 8,721.5                         | 4,916.3                      | 175.2                           | 68.6                             | 1.645             | CC, ES, SF   |
| Dugan Oktoberfest Com #2 (Existing) - Existing - Existing | 8,721.5                         | 4,809.1                      | 175.2                           | 68.8                             | 1.647             | CC, ES, SF   |
| Good Times P36-2410 02H - HZ - Plan #3                    | 2,600.0                         | 2,600.0                      | 29.1                            | 20.1                             | 3.229             | CC, ES, SF   |
| Good Times P36-2410 03H - HZ - Plan #2                    | 2,600.0                         | 2,597.0                      | 61.9                            | 52.9                             | 6.861             | CC, ES       |
| Good Times P36-2410 03H - HZ - Plan #2                    | 2,700.0                         | 2,697.0                      | 63.6                            | 54.3                             | 6.794             | SF           |
| Good Times P36-2410 04H - HZ - Plan #2                    | 2,600.0                         | 2,597.0                      | 91.0                            | 82.0                             | 10.090            | CC, ES       |
| Good Times P36-2410 04H - HZ - Plan #2                    | 2,700.0                         | 2,697.0                      | 92.8                            | 83.4                             | 9.904             | SF           |
| Good Times P36A-2410 01H - HZ - Plan #2                   |                                 |                              |                                 |                                  |                   | Out of range |
| Good Times P36A-2410 02H - HZ - Plan #1                   |                                 |                              |                                 |                                  |                   | Out of range |
| Good Times P36A-2410 03H - HZ - Plan #3                   |                                 |                              |                                 |                                  |                   | Out of range |
| Good Times P36A-2410 04H - DD - Plan #1                   |                                 |                              |                                 |                                  |                   | Out of range |
| Yates Squash Blossom #1 (Existing) - Existing - Existing  |                                 |                              |                                 |                                  |                   | Out of range |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

| Offset Design S36-T24N-R10W (Good Times) - Dugan Octoberfest #1 (Existing) - Existing - Existing |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                  |                  | Offset Site Error: 0.0 usft |
|--------------------------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|------------------|------------------|-----------------------------|
| Survey Program: 0-MWD                                                                            |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                  |                  | Offset Well Error: 0.0 usft |
| Reference                                                                                        | Offset                | Semi Major Axis       |                       | Distance         |               | Total                 |                                     | Separation   |                        | Warning                 |                  |                  |                             |
| Measured Depth (usft)                                                                            | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Uncertainty Axis | Factor           |                             |
| 7,800.0                                                                                          | 4,815.6               | 4,917.9               | 4,917.9               | 76.3             | 8.6           | -90.53                | 631.5                               | -3,957.4     | 938.0                  | 854.2                   | 83.81            | 11.192           |                             |
| 7,900.0                                                                                          | 4,815.5               | 4,917.8               | 4,917.8               | 78.7             | 8.6           | -90.47                | 631.5                               | -3,957.4     | 840.0                  | 753.7                   | 86.27            | 9.736            |                             |
| 8,000.0                                                                                          | 4,815.3               | 4,917.6               | 4,917.6               | 81.1             | 8.6           | -90.41                | 631.5                               | -3,957.4     | 742.5                  | 653.7                   | 88.73            | 8.367            |                             |
| 8,100.0                                                                                          | 4,815.1               | 4,917.4               | 4,917.4               | 83.6             | 8.6           | -90.35                | 631.5                               | -3,957.4     | 645.7                  | 554.5                   | 91.19            | 7.081            |                             |
| 8,200.0                                                                                          | 4,814.9               | 4,917.2               | 4,917.2               | 86.0             | 8.6           | -90.30                | 631.5                               | -3,957.4     | 550.1                  | 456.5                   | 93.66            | 5.874            |                             |
| 8,300.0                                                                                          | 4,814.8               | 4,917.1               | 4,917.1               | 88.4             | 8.6           | -90.24                | 631.5                               | -3,957.4     | 456.5                  | 360.3                   | 96.12            | 4.749            |                             |
| 8,400.0                                                                                          | 4,814.6               | 4,916.9               | 4,916.9               | 90.9             | 8.6           | -90.18                | 631.5                               | -3,957.4     | 366.1                  | 267.5                   | 98.58            | 3.714            |                             |
| 8,500.0                                                                                          | 4,814.4               | 4,916.7               | 4,916.7               | 93.3             | 8.6           | -90.13                | 631.5                               | -3,957.4     | 282.4                  | 181.3                   | 101.05           | 2.795            |                             |
| 8,600.0                                                                                          | 4,814.2               | 4,916.5               | 4,916.5               | 95.7             | 8.6           | -90.07                | 631.5                               | -3,957.4     | 213.2                  | 109.7                   | 103.51           | 2.059            |                             |
| 8,700.0                                                                                          | 4,814.1               | 4,916.4               | 4,916.4               | 98.2             | 8.6           | -90.01                | 631.5                               | -3,957.4     | 176.5                  | 70.5                    | 105.98           | 1.665            |                             |
| 8,721.5                                                                                          | 4,814.0               | 4,916.3               | 4,916.3               | 98.7             | 8.6           | -90.00                | 631.5                               | -3,957.4     | 175.2                  | 68.6                    | 106.51           | 1.645 CC, ES, SF |                             |
| 8,800.0                                                                                          | 4,813.9               | 4,916.2               | 4,916.2               | 100.6            | 8.6           | -89.96                | 631.5                               | -3,957.4     | 191.9                  | 83.5                    | 108.44           | 1.770            |                             |
| 8,900.0                                                                                          | 4,813.7               | 4,916.0               | 4,916.0               | 103.1            | 8.6           | -89.90                | 631.5                               | -3,957.4     | 250.1                  | 139.2                   | 110.91           | 2.255            |                             |
| 9,000.0                                                                                          | 4,813.5               | 4,915.8               | 4,915.8               | 105.5            | 8.6           | -89.84                | 631.5                               | -3,957.4     | 329.0                  | 215.6                   | 113.37           | 2.902            |                             |
| 9,100.0                                                                                          | 4,813.4               | 4,915.7               | 4,915.7               | 108.0            | 8.6           | -89.78                | 631.5                               | -3,957.4     | 417.1                  | 301.2                   | 115.84           | 3.600            |                             |
| 9,200.0                                                                                          | 4,813.2               | 4,915.5               | 4,915.5               | 110.4            | 8.6           | -89.73                | 631.5                               | -3,957.4     | 509.5                  | 391.2                   | 118.30           | 4.307            |                             |
| 9,300.0                                                                                          | 4,813.0               | 4,915.3               | 4,915.3               | 112.9            | 8.6           | -89.67                | 631.5                               | -3,957.4     | 604.4                  | 483.7                   | 120.77           | 5.005            |                             |
| 9,400.0                                                                                          | 4,812.8               | 4,915.1               | 4,915.1               | 115.3            | 8.6           | -89.61                | 631.5                               | -3,957.4     | 700.7                  | 577.5                   | 123.24           | 5.686            |                             |
| 9,423.2                                                                                          | 4,812.8               | 4,915.1               | 4,915.1               | 115.9            | 8.6           | -89.60                | 631.5                               | -3,957.4     | 723.3                  | 599.5                   | 123.81           | 5.842            |                             |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

| Offset Design S36-T24N-R10W (Good Times) - Dugan Oktoberfest Corn #2 (Existing) - Existing - Existing |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                              | Offset Site Error:   | 0.0 usft   |
|-------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|-----------------------------|---------------------|------------------|-----------------------------|------------------------|-----------------|------------------------------|-------------------------------|------------------------------|----------------------|------------|
| Survey Program: 0-MWD                                                                                 |                             |                             |                             |                     |                  |                             |                        |                 |                              |                               |                              | Offset Well Error:   | 0.0 usft   |
| Reference                                                                                             |                             | Offset                      |                             | Semi Major Axis     |                  | Highside<br>Toolface<br>(°) | Offset Wellbore Centre |                 | Distance                     |                               | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning    |
| Measured<br>Depth<br>(usft)                                                                           | Vertical<br>Depth<br>(usft) | Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) |                             | +N/-S<br>(usft)        | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) |                              |                      |            |
| 7,800.0                                                                                               | 4,815.6                     | 4,810.7                     | 4,810.7                     | 76.3                | 8.4              | -90.53                      | 631.5                  | -3,957.4        | 938.0                        | 854.4                         | 83.63                        | 11.217               |            |
| 7,900.0                                                                                               | 4,815.5                     | 4,810.6                     | 4,810.6                     | 78.7                | 8.4              | -90.47                      | 631.5                  | -3,957.4        | 840.0                        | 753.9                         | 86.09                        | 9.757                |            |
| 8,000.0                                                                                               | 4,815.3                     | 4,810.4                     | 4,810.4                     | 81.1                | 8.4              | -90.41                      | 631.5                  | -3,957.4        | 742.5                        | 653.9                         | 88.55                        | 8.385                |            |
| 8,100.0                                                                                               | 4,815.1                     | 4,810.2                     | 4,810.2                     | 83.6                | 8.4              | -90.35                      | 631.5                  | -3,957.4        | 645.7                        | 554.7                         | 91.01                        | 7.095                |            |
| 8,200.0                                                                                               | 4,814.9                     | 4,810.0                     | 4,810.0                     | 86.0                | 8.4              | -90.30                      | 631.5                  | -3,957.4        | 550.1                        | 456.7                         | 93.47                        | 5.886                |            |
| 8,300.0                                                                                               | 4,814.8                     | 4,809.9                     | 4,809.9                     | 88.4                | 8.4              | -90.24                      | 631.5                  | -3,957.4        | 456.5                        | 360.5                         | 95.93                        | 4.758                |            |
| 8,400.0                                                                                               | 4,814.6                     | 4,809.7                     | 4,809.7                     | 90.9                | 8.4              | -90.18                      | 631.5                  | -3,957.4        | 366.1                        | 267.7                         | 98.40                        | 3.721                |            |
| 8,500.0                                                                                               | 4,814.4                     | 4,809.5                     | 4,809.5                     | 93.3                | 8.4              | -90.13                      | 631.5                  | -3,957.4        | 282.4                        | 181.5                         | 100.86                       | 2.800                |            |
| 8,600.0                                                                                               | 4,814.2                     | 4,809.3                     | 4,809.3                     | 95.7                | 8.4              | -90.07                      | 631.5                  | -3,957.4        | 213.2                        | 109.9                         | 103.32                       | 2.063                |            |
| 8,700.0                                                                                               | 4,814.1                     | 4,809.2                     | 4,809.2                     | 98.2                | 8.4              | -90.01                      | 631.5                  | -3,957.4        | 176.5                        | 70.7                          | 105.79                       | 1.668                |            |
| 8,721.5                                                                                               | 4,814.0                     | 4,809.1                     | 4,809.1                     | 98.7                | 8.4              | -90.00                      | 631.5                  | -3,957.4        | 175.2                        | 68.8                          | 106.32                       | 1.647                | CC, ES, SF |
| 8,800.0                                                                                               | 4,813.9                     | 4,809.0                     | 4,809.0                     | 100.6               | 8.4              | -89.96                      | 631.5                  | -3,957.4        | 191.9                        | 83.7                          | 108.25                       | 1.773                |            |
| 8,900.0                                                                                               | 4,813.7                     | 4,808.8                     | 4,808.8                     | 103.1               | 8.4              | -89.90                      | 631.5                  | -3,957.4        | 250.1                        | 139.4                         | 110.72                       | 2.259                |            |
| 9,000.0                                                                                               | 4,813.5                     | 4,808.6                     | 4,808.6                     | 105.5               | 8.4              | -89.84                      | 631.5                  | -3,957.4        | 329.0                        | 215.8                         | 113.18                       | 2.907                |            |
| 9,100.0                                                                                               | 4,813.4                     | 4,808.5                     | 4,808.5                     | 108.0               | 8.4              | -89.78                      | 631.5                  | -3,957.4        | 417.1                        | 301.4                         | 115.65                       | 3.606                |            |
| 9,200.0                                                                                               | 4,813.2                     | 4,808.3                     | 4,808.3                     | 110.4               | 8.4              | -89.73                      | 631.5                  | -3,957.4        | 509.5                        | 391.4                         | 118.12                       | 4.314                |            |
| 9,300.0                                                                                               | 4,813.0                     | 4,808.1                     | 4,808.1                     | 112.9               | 8.4              | -89.67                      | 631.5                  | -3,957.4        | 604.4                        | 483.8                         | 120.58                       | 5.013                |            |
| 9,400.0                                                                                               | 4,812.8                     | 4,807.9                     | 4,807.9                     | 115.3               | 8.4              | -89.61                      | 631.5                  | -3,957.4        | 700.7                        | 577.7                         | 123.05                       | 5.695                |            |
| 9,423.2                                                                                               | 4,812.8                     | 4,807.9                     | 4,807.9                     | 115.9               | 8.4              | -89.60                      | 631.5                  | -3,957.4        | 723.3                        | 599.6                         | 123.62                       | 5.851                |            |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

| Offset Design S36-T24N-R10W (Good Times) - Good Times P36-2410 02H - HZ - Plan #3 |                          |                          |                          |                     |                  |                             |                                           |                 |                              |                               |                              | Offset Site Error:   | 0.0 usft |
|-----------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|---------------------|------------------|-----------------------------|-------------------------------------------|-----------------|------------------------------|-------------------------------|------------------------------|----------------------|----------|
| Survey Program: 0-MWD                                                             |                          |                          |                          |                     |                  |                             |                                           |                 |                              |                               |                              | Offset Well Error:   | 0.0 usft |
| Measured Depth<br>(usft)                                                          | Vertical Depth<br>(usft) | Measured Depth<br>(usft) | Vertical Depth<br>(usft) | Reference<br>(usft) | Offset<br>(usft) | Highside<br>Toolface<br>(°) | Offset Wellbore Centre<br>+N/-S<br>(usft) | +E/-W<br>(usft) | Between<br>Centres<br>(usft) | Between<br>Ellipses<br>(usft) | Total<br>Uncertainty<br>Axis | Separation<br>Factor | Warning  |
| 0.0                                                                               | 0.0                      | 0.0                      | 0.0                      | 0.0                 | 0.0              | 180.00                      | -29.1                                     | 0.0             | 29.1                         |                               |                              |                      |          |
| 100.0                                                                             | 100.0                    | 100.0                    | 100.0                    | 0.1                 | 0.1              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 28.8                          | 0.29                         | 99.319               |          |
| 200.0                                                                             | 200.0                    | 200.0                    | 200.0                    | 0.3                 | 0.3              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 28.5                          | 0.64                         | 45.341               |          |
| 300.0                                                                             | 300.0                    | 300.0                    | 300.0                    | 0.5                 | 0.5              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 28.1                          | 0.99                         | 29.376               |          |
| 400.0                                                                             | 400.0                    | 400.0                    | 400.0                    | 0.7                 | 0.7              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 27.8                          | 1.34                         | 21.726               |          |
| 500.0                                                                             | 500.0                    | 500.0                    | 500.0                    | 0.8                 | 0.8              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 27.4                          | 1.69                         | 17.237               |          |
| 600.0                                                                             | 600.0                    | 600.0                    | 600.0                    | 1.0                 | 1.0              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 27.1                          | 2.04                         | 14.286               |          |
| 700.0                                                                             | 700.0                    | 700.0                    | 700.0                    | 1.2                 | 1.2              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 26.7                          | 2.39                         | 12.197               |          |
| 800.0                                                                             | 800.0                    | 800.0                    | 800.0                    | 1.4                 | 1.4              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 26.4                          | 2.74                         | 10.641               |          |
| 900.0                                                                             | 900.0                    | 900.0                    | 900.0                    | 1.5                 | 1.5              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 26.0                          | 3.09                         | 9.438                |          |
| 1,000.0                                                                           | 1,000.0                  | 1,000.0                  | 1,000.0                  | 1.7                 | 1.7              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 25.7                          | 3.43                         | 8.478                |          |
| 1,100.0                                                                           | 1,100.0                  | 1,100.0                  | 1,100.0                  | 1.9                 | 1.9              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 25.3                          | 3.78                         | 7.696                |          |
| 1,200.0                                                                           | 1,200.0                  | 1,200.0                  | 1,200.0                  | 2.1                 | 2.1              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 25.0                          | 4.13                         | 7.046                |          |
| 1,300.0                                                                           | 1,300.0                  | 1,300.0                  | 1,300.0                  | 2.2                 | 2.2              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 24.6                          | 4.48                         | 6.498                |          |
| 1,400.0                                                                           | 1,400.0                  | 1,400.0                  | 1,400.0                  | 2.4                 | 2.4              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 24.3                          | 4.83                         | 6.028                |          |
| 1,500.0                                                                           | 1,500.0                  | 1,500.0                  | 1,500.0                  | 2.6                 | 2.6              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 23.9                          | 5.18                         | 5.622                |          |
| 1,600.0                                                                           | 1,600.0                  | 1,600.0                  | 1,600.0                  | 2.8                 | 2.8              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 23.6                          | 5.53                         | 5.267                |          |
| 1,700.0                                                                           | 1,700.0                  | 1,700.0                  | 1,700.0                  | 2.9                 | 2.9              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 23.2                          | 5.88                         | 4.954                |          |
| 1,800.0                                                                           | 1,800.0                  | 1,800.0                  | 1,800.0                  | 3.1                 | 3.1              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 22.9                          | 6.23                         | 4.676                |          |
| 1,900.0                                                                           | 1,900.0                  | 1,900.0                  | 1,900.0                  | 3.3                 | 3.3              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 22.5                          | 6.58                         | 4.428                |          |
| 2,000.0                                                                           | 2,000.0                  | 2,000.0                  | 2,000.0                  | 3.5                 | 3.5              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 22.2                          | 6.93                         | 4.205                |          |
| 2,100.0                                                                           | 2,100.0                  | 2,100.0                  | 2,100.0                  | 3.6                 | 3.6              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 21.8                          | 7.27                         | 4.003                |          |
| 2,200.0                                                                           | 2,200.0                  | 2,200.0                  | 2,200.0                  | 3.8                 | 3.8              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 21.5                          | 7.62                         | 3.820                |          |
| 2,300.0                                                                           | 2,300.0                  | 2,300.0                  | 2,300.0                  | 4.0                 | 4.0              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 21.1                          | 7.97                         | 3.653                |          |
| 2,400.0                                                                           | 2,400.0                  | 2,400.0                  | 2,400.0                  | 4.2                 | 4.2              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 20.8                          | 8.32                         | 3.500                |          |
| 2,500.0                                                                           | 2,500.0                  | 2,500.0                  | 2,500.0                  | 4.3                 | 4.3              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 20.5                          | 8.67                         | 3.359                |          |
| 2,600.0                                                                           | 2,600.0                  | 2,600.0                  | 2,600.0                  | 4.5                 | 4.5              | 180.00                      | -29.1                                     | 0.0             | 29.1                         | 20.1                          | 9.02                         | 3.229 CC, ES, SF     |          |
| 2,700.0                                                                           | 2,700.0                  | 2,700.0                  | 2,700.0                  | 4.7                 | 4.7              | 179.79                      | -29.1                                     | 0.0             | 30.9                         | 21.5                          | 9.37                         | 3.296                |          |
| 2,800.0                                                                           | 2,799.8                  | 2,799.8                  | 2,799.8                  | 4.9                 | 4.9              | 179.82                      | -29.1                                     | 0.0             | 36.1                         | 26.4                          | 9.70                         | 3.721                |          |
| 2,900.0                                                                           | 2,899.5                  | 2,899.5                  | 2,899.5                  | 5.0                 | 5.0              | 179.86                      | -29.1                                     | 0.0             | 44.8                         | 34.8                          | 10.03                        | 4.468                |          |
| 3,000.0                                                                           | 2,998.7                  | 2,998.7                  | 2,998.7                  | 5.2                 | 5.2              | 179.89                      | -29.1                                     | 0.0             | 57.0                         | 46.7                          | 10.35                        | 5.507                |          |
| 3,100.0                                                                           | 3,097.5                  | 3,097.5                  | 3,097.5                  | 5.5                 | 5.4              | 179.91                      | -29.1                                     | 0.0             | 72.6                         | 62.0                          | 10.66                        | 6.815                |          |
| 3,200.0                                                                           | 3,195.6                  | 3,195.6                  | 3,195.6                  | 5.7                 | 5.5              | 179.93                      | -29.1                                     | 0.0             | 91.7                         | 80.8                          | 10.96                        | 8.370                |          |
| 3,300.0                                                                           | 3,293.1                  | 3,293.1                  | 3,293.1                  | 6.0                 | 5.7              | 179.94                      | -29.1                                     | 0.0             | 114.2                        | 103.0                         | 11.25                        | 10.156               |          |
| 3,400.0                                                                           | 3,389.6                  | 3,389.6                  | 3,389.6                  | 6.3                 | 5.9              | 179.95                      | -29.1                                     | 0.0             | 140.1                        | 128.6                         | 11.52                        | 12.159               |          |
| 3,500.0                                                                           | 3,485.3                  | 3,485.3                  | 3,485.3                  | 6.7                 | 6.1              | 179.96                      | -29.1                                     | 0.0             | 169.3                        | 157.5                         | 11.79                        | 14.366               |          |
| 3,600.0                                                                           | 3,579.8                  | 3,579.8                  | 3,579.8                  | 7.1                 | 6.2              | 179.97                      | -29.1                                     | 0.0             | 201.9                        | 189.8                         | 12.04                        | 16.768               |          |
| 3,700.0                                                                           | 3,673.2                  | 3,673.2                  | 3,673.2                  | 7.6                 | 6.4              | 179.97                      | -29.1                                     | 0.0             | 237.7                        | 225.4                         | 12.28                        | 19.359               |          |
| 3,800.0                                                                           | 3,765.2                  | 3,765.2                  | 3,765.2                  | 8.1                 | 6.5              | 179.97                      | -29.1                                     | 0.0             | 276.8                        | 264.3                         | 12.51                        | 22.131               |          |
| 3,900.0                                                                           | 3,855.8                  | 3,855.8                  | 3,855.8                  | 8.7                 | 6.7              | 179.98                      | -29.1                                     | 0.0             | 319.1                        | 306.3                         | 12.72                        | 25.081               |          |
| 4,000.0                                                                           | 3,944.9                  | 3,944.9                  | 3,944.9                  | 9.4                 | 6.9              | 179.98                      | -29.1                                     | 0.0             | 364.5                        | 351.5                         | 12.92                        | 28.204               |          |
| 4,100.0                                                                           | 4,032.4                  | 4,032.4                  | 4,032.4                  | 10.1                | 7.0              | 179.98                      | -29.1                                     | 0.0             | 412.9                        | 399.8                         | 13.12                        | 31.478               |          |
| 4,200.0                                                                           | 4,119.1                  | 4,119.1                  | 4,119.1                  | 10.8                | 7.2              | 179.98                      | -29.1                                     | 0.0             | 462.8                        | 449.3                         | 13.44                        | 34.423               |          |
| 4,300.0                                                                           | 4,205.8                  | 4,205.8                  | 4,205.8                  | 11.6                | 7.3              | 179.99                      | -29.1                                     | 0.0             | 512.6                        | 498.8                         | 13.77                        | 37.230               |          |
| 4,400.0                                                                           | 4,292.5                  | 4,271.9                  | 4,271.9                  | 12.4                | 7.4              | -180.00                     | -29.5                                     | -0.1            | 563.2                        | 549.1                         | 14.06                        | 40.058               |          |
| 4,500.0                                                                           | 4,379.1                  | 4,313.7                  | 4,313.5                  | 13.2                | 7.5              | -163.87                     | -32.5                                     | -1.1            | 619.0                        | 604.6                         | 14.42                        | 42.931               |          |
| 4,600.0                                                                           | 4,463.9                  | 4,350.0                  | 4,349.5                  | 14.0                | 7.6              | -142.06                     | -37.4                                     | -2.6            | 679.1                        | 663.9                         | 15.24                        | 44.551               |          |
| 4,700.0                                                                           | 4,544.5                  | 4,384.6                  | 4,383.4                  | 14.8                | 7.6              | -124.11                     | -44.2                                     | -4.7            | 741.6                        | 725.1                         | 16.50                        | 44.943               |          |
| 4,800.0                                                                           | 4,618.4                  | 4,400.0                  | 4,398.3                  | 15.6                | 7.7              | -108.97                     | -47.8                                     | -5.8            | 805.5                        | 787.4                         | 18.05                        | 44.620               |          |
| 4,900.0                                                                           | 4,683.3                  | 4,450.0                  | 4,446.0                  | 16.5                | 7.8              | -99.01                      | -62.1                                     | -10.3           | 868.8                        | 849.4                         | 19.39                        | 44.812               |          |
| 5,000.0                                                                           | 4,737.2                  | 4,450.0                  | 4,446.0                  | 17.4                | 7.8              | -88.54                      | -62.1                                     | -10.3           | 930.8                        | 910.1                         | 20.70                        | 44.959               |          |
| 5,100.0                                                                           | 4,778.6                  | 4,475.7                  | 4,469.9                  | 18.5                | 7.8              | -81.78                      | -71.0                                     | -13.1           | 990.7                        | 969.1                         | 21.64                        | 45.791               |          |

CC - Min centre to center distance or covergent point, SF - min separation factor, ES - min ellipse separation

## Cathedral Energy Services

### Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

# Cathedral Energy Services

## Anticollision Report

Company: EnCana Oil & Gas (USA) Inc  
Project: San Juan County, NM  
Reference Site: S36-T24N-R10W (Good Times)  
Site Error: 0.0usft  
Reference Well: Good Times P36-2410 01H  
Well Error: 0.0usft  
Reference Wellbore: HZ  
Reference Design: Plan #5

Local Co-ordinate Reference: Well Good Times P36-2410 01H  
TVD Reference: 16' KB @ 6890.0usft (Aztec 950)  
MD Reference: 16' KB @ 6890.0usft (Aztec 950)  
North Reference: True  
Survey Calculation Method: Minimum Curvature  
Output errors are at: 2.00 sigma  
Database: USA EDM 5000 Multi Users DB  
Offset TVD Reference: Offset Datum

| Offset Design S36-T24N-R10W (Good Times) - Good Times P36-2410 03H - HZ - Plan #2 |                       |                       |                       |                  |               |                       |                                    |                                    |                        |                         |                  |              |         | Offset Site Error: 0.0 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|------------------------------------|------------------------------------|------------------------|-------------------------|------------------|--------------|---------|-----------------------------|
| Survey Program: 0-MWD                                                             |                       |                       |                       |                  |               |                       |                                    |                                    |                        |                         |                  |              |         | Offset Well Error: 0.0 usft |
| Reference                                                                         | Offset                |                       | Semi Major Axis       |                  | Distance      |                       | Between                            |                                    | Total                  |                         | Separation       |              | Warning |                             |
| Measured Depth (usft)                                                             | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N-S (usft) | Offset Wellbore Centre +E-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Uncertainty Axis | Factor       |         |                             |
| 0.0                                                                               | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | 180.00                | -61.9                              | 0.0                                | 62.0                   |                         |                  |              |         |                             |
| 100.0                                                                             | 100.0                 | 97.0                  | 97.0                  | 0.1              | 0.1           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 61.6                    | 0.29             | 210.564      |         |                             |
| 200.0                                                                             | 200.0                 | 197.0                 | 197.0                 | 0.3              | 0.3           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 61.2                    | 0.64             | 96.350       |         |                             |
| 300.0                                                                             | 300.0                 | 297.0                 | 297.0                 | 0.5              | 0.5           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 60.9                    | 0.99             | 62.424       |         |                             |
| 400.0                                                                             | 400.0                 | 397.0                 | 397.0                 | 0.7              | 0.7           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 60.5                    | 1.34             | 46.168       |         |                             |
| 500.0                                                                             | 500.0                 | 497.0                 | 497.0                 | 0.8              | 0.8           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 60.2                    | 1.69             | 36.629       |         |                             |
| 600.0                                                                             | 600.0                 | 597.0                 | 597.0                 | 1.0              | 1.0           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 59.8                    | 2.04             | 30.357       |         |                             |
| 700.0                                                                             | 700.0                 | 697.0                 | 697.0                 | 1.2              | 1.2           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 59.5                    | 2.39             | 25.919       |         |                             |
| 800.0                                                                             | 800.0                 | 797.0                 | 797.0                 | 1.4              | 1.4           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 59.1                    | 2.74             | 22.613       |         |                             |
| 900.0                                                                             | 900.0                 | 897.0                 | 897.0                 | 1.5              | 1.5           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 58.8                    | 3.09             | 20.055       |         |                             |
| 1,000.0                                                                           | 1,000.0               | 997.0                 | 997.0                 | 1.7              | 1.7           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 58.4                    | 3.43             | 18.017       |         |                             |
| 1,100.0                                                                           | 1,100.0               | 1,097.0               | 1,097.0               | 1.9              | 1.9           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 58.1                    | 3.78             | 16.355       |         |                             |
| 1,200.0                                                                           | 1,200.0               | 1,197.0               | 1,197.0               | 2.1              | 2.1           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 57.8                    | 4.13             | 14.973       |         |                             |
| 1,300.0                                                                           | 1,300.0               | 1,297.0               | 1,297.0               | 2.2              | 2.2           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 57.4                    | 4.48             | 13.807       |         |                             |
| 1,400.0                                                                           | 1,400.0               | 1,397.0               | 1,397.0               | 2.4              | 2.4           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 57.1                    | 4.83             | 12.810       |         |                             |
| 1,500.0                                                                           | 1,500.0               | 1,497.0               | 1,497.0               | 2.6              | 2.6           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 56.7                    | 5.18             | 11.946       |         |                             |
| 1,600.0                                                                           | 1,600.0               | 1,597.0               | 1,597.0               | 2.8              | 2.8           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 56.4                    | 5.53             | 11.192       |         |                             |
| 1,700.0                                                                           | 1,700.0               | 1,697.0               | 1,697.0               | 2.9              | 2.9           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 56.0                    | 5.88             | 10.528       |         |                             |
| 1,800.0                                                                           | 1,800.0               | 1,797.0               | 1,797.0               | 3.1              | 3.1           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 55.7                    | 6.23             | 9.937        |         |                             |
| 1,900.0                                                                           | 1,900.0               | 1,897.0               | 1,897.0               | 3.3              | 3.3           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 55.3                    | 6.58             | 9.410        |         |                             |
| 2,000.0                                                                           | 2,000.0               | 1,997.0               | 1,997.0               | 3.5              | 3.5           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 55.0                    | 6.93             | 8.936        |         |                             |
| 2,100.0                                                                           | 2,100.0               | 2,097.0               | 2,097.0               | 3.6              | 3.6           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 54.6                    | 7.27             | 8.507        |         |                             |
| 2,200.0                                                                           | 2,200.0               | 2,197.0               | 2,197.0               | 3.8              | 3.8           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 54.3                    | 7.62             | 8.117        |         |                             |
| 2,300.0                                                                           | 2,300.0               | 2,297.0               | 2,297.0               | 4.0              | 4.0           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 53.9                    | 7.97             | 7.762        |         |                             |
| 2,400.0                                                                           | 2,400.0               | 2,397.0               | 2,397.0               | 4.2              | 4.2           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 53.6                    | 8.32             | 7.436        |         |                             |
| 2,500.0                                                                           | 2,500.0               | 2,497.0               | 2,497.0               | 4.3              | 4.3           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 53.2                    | 8.67             | 7.137        |         |                             |
| 2,600.0                                                                           | 2,600.0               | 2,597.0               | 2,597.0               | 4.5              | 4.5           | 180.00                | -61.9                              | 0.0                                | 61.9                   | 52.9                    | 9.02             | 6.861 CC, ES |         |                             |
| 2,700.0                                                                           | 2,700.0               | 2,697.0               | 2,697.0               | 4.7              | 4.7           | 179.79                | -61.9                              | 0.0                                | 63.6                   | 54.3                    | 9.37             | 6.794 SF     |         |                             |
| 2,800.0                                                                           | 2,799.8               | 2,796.8               | 2,796.8               | 4.9              | 4.9           | 179.80                | -61.9                              | 0.0                                | 68.9                   | 59.2                    | 9.70             | 7.098        |         |                             |
| 2,900.0                                                                           | 2,899.5               | 2,896.5               | 2,896.5               | 5.0              | 5.0           | 179.82                | -61.9                              | 0.0                                | 77.6                   | 67.5                    | 10.03            | 7.734        |         |                             |
| 3,000.0                                                                           | 2,998.7               | 2,995.7               | 2,995.7               | 5.2              | 5.2           | 179.85                | -61.9                              | 0.0                                | 89.8                   | 79.4                    | 10.35            | 8.673        |         |                             |
| 3,100.0                                                                           | 3,097.5               | 3,094.5               | 3,094.5               | 5.5              | 5.4           | 179.87                | -61.9                              | 0.0                                | 105.4                  | 94.7                    | 10.66            | 9.889        |         |                             |
| 3,200.0                                                                           | 3,195.6               | 3,192.6               | 3,192.6               | 5.7              | 5.5           | 179.89                | -61.9                              | 0.0                                | 124.5                  | 113.5                   | 10.96            | 11.360       |         |                             |
| 3,300.0                                                                           | 3,293.1               | 3,290.1               | 3,290.1               | 6.0              | 5.7           | 179.90                | -61.9                              | 0.0                                | 147.0                  | 135.7                   | 11.25            | 13.070       |         |                             |
| 3,400.0                                                                           | 3,389.6               | 3,386.6               | 3,386.6               | 6.3              | 5.9           | 179.92                | -61.9                              | 0.0                                | 172.9                  | 161.3                   | 11.52            | 15.002       |         |                             |
| 3,500.0                                                                           | 3,485.3               | 3,482.3               | 3,482.3               | 6.7              | 6.1           | 179.93                | -61.9                              | 0.0                                | 202.1                  | 190.3                   | 11.79            | 17.145       |         |                             |
| 3,600.0                                                                           | 3,579.8               | 3,576.8               | 3,576.8               | 7.1              | 6.2           | 179.94                | -61.9                              | 0.0                                | 234.7                  | 222.6                   | 12.04            | 19.490       |         |                             |
| 3,700.0                                                                           | 3,673.2               | 3,670.2               | 3,670.2               | 7.6              | 6.4           | 179.95                | -61.9                              | 0.0                                | 270.5                  | 258.2                   | 12.28            | 22.027       |         |                             |
| 3,800.0                                                                           | 3,765.2               | 3,762.2               | 3,762.2               | 8.1              | 6.5           | 179.95                | -61.9                              | 0.0                                | 309.6                  | 297.1                   | 12.51            | 24.751       |         |                             |
| 3,900.0                                                                           | 3,855.8               | 3,852.8               | 3,852.8               | 8.7              | 6.7           | 179.96                | -61.9                              | 0.0                                | 351.8                  | 339.1                   | 12.72            | 27.656       |         |                             |
| 4,000.0                                                                           | 3,944.9               | 3,941.9               | 3,941.9               | 9.4              | 6.9           | 179.96                | -61.9                              | 0.0                                | 397.2                  | 384.3                   | 12.92            | 30.739       |         |                             |
| 4,100.0                                                                           | 4,032.4               | 4,016.5               | 4,016.5               | 10.1             | 7.0           | 179.96                | -62.1                              | 0.0                                | 446.1                  | 433.0                   | 13.10            | 34.061       |         |                             |
| 4,200.0                                                                           | 4,119.1               | 4,062.0               | 4,061.9               | 10.8             | 7.1           | 179.97                | -65.2                              | 0.0                                | 501.8                  | 488.5                   | 13.36            | 37.572       |         |                             |
| 4,300.0                                                                           | 4,205.8               | 4,100.0               | 4,099.5               | 11.6             | 7.1           | 179.97                | -70.6                              | 0.0                                | 563.6                  | 550.0                   | 13.60            | 41.439       |         |                             |
| 4,400.0                                                                           | 4,292.5               | 4,150.0               | 4,148.3               | 12.4             | 7.2           | 179.97                | -81.4                              | -0.1                               | 630.7                  | 616.9                   | 13.86            | 45.501       |         |                             |
| 4,500.0                                                                           | 4,379.1               | 4,171.6               | 4,169.0               | 13.2             | 7.3           | -161.70               | -87.4                              | -0.1                               | 701.7                  | 687.4                   | 14.27            | 49.168       |         |                             |
| 4,600.0                                                                           | 4,463.9               | 4,200.1               | 4,196.0               | 14.0             | 7.3           | -136.86               | -96.5                              | -0.2                               | 775.1                  | 759.7                   | 15.47            | 50.113       |         |                             |
| 4,700.0                                                                           | 4,544.5               | 4,259.9               | 4,252.2               | 14.8             | 7.5           | -118.40               | -116.9                             | -0.2                               | 847.7                  | 830.8                   | 16.96            | 49.986       |         |                             |
| 4,800.0                                                                           | 4,618.4               | 4,315.0               | 4,304.0               | 15.6             | 7.6           | -104.75               | -135.8                             | -0.3                               | 917.3                  | 898.9                   | 18.41            | 49.836       |         |                             |
| 4,900.0                                                                           | 4,683.3               | 4,363.4               | 4,349.5               | 16.5             | 7.8           | -94.55                | -152.4                             | -0.4                               | 983.5                  | 963.8                   | 19.69            | 49.957       |         |                             |

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

| Offset Design S36-T24N-R10W (Good Times) - Good Times P36-2410 04H - HZ - Plan #2 |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                  |               | Offset Site Error: | 0.0 usft |
|-----------------------------------------------------------------------------------|-----------------------|-----------------------|-----------------------|------------------|---------------|-----------------------|-------------------------------------|--------------|------------------------|-------------------------|------------------|---------------|--------------------|----------|
| Survey Program: 0-MWD                                                             |                       |                       |                       |                  |               |                       |                                     |              |                        |                         |                  |               | Offset Well Error: | 0.0 usft |
| Reference                                                                         | Offset                | Semi Major Axis       |                       | Distance         |               | Total                 |                                     | Separation   |                        | Warning                 |                  |               |                    |          |
| Measured Depth (usft)                                                             | Vertical Depth (usft) | Measured Depth (usft) | Vertical Depth (usft) | Reference (usft) | Offset (usft) | Highside Toolface (°) | Offset Wellbore Centre +N/-S (usft) | +E/-W (usft) | Between Centres (usft) | Between Ellipses (usft) | Uncertainty Axis | Factor        |                    |          |
| 0.0                                                                               | 0.0                   | 0.0                   | 0.0                   | 0.0              | 0.0           | 180.00                | -91.0                               | 0.0          | 91.1                   |                         |                  |               |                    |          |
| 100.0                                                                             | 100.0                 | 97.0                  | 97.0                  | 0.1              | 0.1           | 180.00                | -91.0                               | 0.0          | 91.0                   | 90.7                    | 0.29             | 309.653       |                    |          |
| 200.0                                                                             | 200.0                 | 197.0                 | 197.0                 | 0.3              | 0.3           | 180.00                | -91.0                               | 0.0          | 91.0                   | 90.4                    | 0.64             | 141.692       |                    |          |
| 300.0                                                                             | 300.0                 | 297.0                 | 297.0                 | 0.5              | 0.5           | 180.00                | -91.0                               | 0.0          | 91.0                   | 90.0                    | 0.99             | 91.800        |                    |          |
| 400.0                                                                             | 400.0                 | 397.0                 | 397.0                 | 0.7              | 0.7           | 180.00                | -91.0                               | 0.0          | 91.0                   | 89.7                    | 1.34             | 67.894        |                    |          |
| 500.0                                                                             | 500.0                 | 497.0                 | 497.0                 | 0.8              | 0.8           | 180.00                | -91.0                               | 0.0          | 91.0                   | 89.3                    | 1.69             | 53.866        |                    |          |
| 600.0                                                                             | 600.0                 | 597.0                 | 597.0                 | 1.0              | 1.0           | 180.00                | -91.0                               | 0.0          | 91.0                   | 89.0                    | 2.04             | 44.643        |                    |          |
| 700.0                                                                             | 700.0                 | 697.0                 | 697.0                 | 1.2              | 1.2           | 180.00                | -91.0                               | 0.0          | 91.0                   | 88.6                    | 2.39             | 38.116        |                    |          |
| 800.0                                                                             | 800.0                 | 797.0                 | 797.0                 | 1.4              | 1.4           | 180.00                | -91.0                               | 0.0          | 91.0                   | 88.3                    | 2.74             | 33.254        |                    |          |
| 900.0                                                                             | 900.0                 | 897.0                 | 897.0                 | 1.5              | 1.5           | 180.00                | -91.0                               | 0.0          | 91.0                   | 87.9                    | 3.09             | 29.492        |                    |          |
| 1,000.0                                                                           | 1,000.0               | 997.0                 | 997.0                 | 1.7              | 1.7           | 180.00                | -91.0                               | 0.0          | 91.0                   | 87.6                    | 3.43             | 26.495        |                    |          |
| 1,100.0                                                                           | 1,100.0               | 1,097.0               | 1,097.0               | 1.9              | 1.9           | 180.00                | -91.0                               | 0.0          | 91.0                   | 87.2                    | 3.78             | 24.051        |                    |          |
| 1,200.0                                                                           | 1,200.0               | 1,197.0               | 1,197.0               | 2.1              | 2.1           | 180.00                | -91.0                               | 0.0          | 91.0                   | 86.9                    | 4.13             | 22.020        |                    |          |
| 1,300.0                                                                           | 1,300.0               | 1,297.0               | 1,297.0               | 2.2              | 2.2           | 180.00                | -91.0                               | 0.0          | 91.0                   | 86.5                    | 4.48             | 20.305        |                    |          |
| 1,400.0                                                                           | 1,400.0               | 1,397.0               | 1,397.0               | 2.4              | 2.4           | 180.00                | -91.0                               | 0.0          | 91.0                   | 86.2                    | 4.83             | 18.838        |                    |          |
| 1,500.0                                                                           | 1,500.0               | 1,497.0               | 1,497.0               | 2.6              | 2.6           | 180.00                | -91.0                               | 0.0          | 91.0                   | 85.8                    | 5.18             | 17.568        |                    |          |
| 1,600.0                                                                           | 1,600.0               | 1,597.0               | 1,597.0               | 2.8              | 2.8           | 180.00                | -91.0                               | 0.0          | 91.0                   | 85.5                    | 5.53             | 16.459        |                    |          |
| 1,700.0                                                                           | 1,700.0               | 1,697.0               | 1,697.0               | 2.9              | 2.9           | 180.00                | -91.0                               | 0.0          | 91.0                   | 85.1                    | 5.88             | 15.482        |                    |          |
| 1,800.0                                                                           | 1,800.0               | 1,797.0               | 1,797.0               | 3.1              | 3.1           | 180.00                | -91.0                               | 0.0          | 91.0                   | 84.8                    | 6.23             | 14.614        |                    |          |
| 1,900.0                                                                           | 1,900.0               | 1,897.0               | 1,897.0               | 3.3              | 3.3           | 180.00                | -91.0                               | 0.0          | 91.0                   | 84.4                    | 6.58             | 13.838        |                    |          |
| 2,000.0                                                                           | 2,000.0               | 1,997.0               | 1,997.0               | 3.5              | 3.5           | 180.00                | -91.0                               | 0.0          | 91.0                   | 84.1                    | 6.93             | 13.141        |                    |          |
| 2,100.0                                                                           | 2,100.0               | 2,097.0               | 2,097.0               | 3.6              | 3.6           | 180.00                | -91.0                               | 0.0          | 91.0                   | 83.7                    | 7.27             | 12.510        |                    |          |
| 2,200.0                                                                           | 2,200.0               | 2,197.0               | 2,197.0               | 3.8              | 3.8           | 180.00                | -91.0                               | 0.0          | 91.0                   | 83.4                    | 7.62             | 11.937        |                    |          |
| 2,300.0                                                                           | 2,300.0               | 2,297.0               | 2,297.0               | 4.0              | 4.0           | 180.00                | -91.0                               | 0.0          | 91.0                   | 83.0                    | 7.97             | 11.415        |                    |          |
| 2,400.0                                                                           | 2,400.0               | 2,397.0               | 2,397.0               | 4.2              | 4.2           | 180.00                | -91.0                               | 0.0          | 91.0                   | 82.7                    | 8.32             | 10.936        |                    |          |
| 2,500.0                                                                           | 2,500.0               | 2,497.0               | 2,497.0               | 4.3              | 4.3           | 180.00                | -91.0                               | 0.0          | 91.0                   | 82.3                    | 8.67             | 10.496        |                    |          |
| 2,600.0                                                                           | 2,600.0               | 2,597.0               | 2,597.0               | 4.5              | 4.5           | 180.00                | -91.0                               | 0.0          | 91.0                   | 82.0                    | 9.02             | 10.090 CC, ES |                    |          |
| 2,700.0                                                                           | 2,700.0               | 2,697.0               | 2,697.0               | 4.7              | 4.7           | 179.78                | -91.0                               | 0.0          | 92.8                   | 83.4                    | 9.37             | 9.904 SF      |                    |          |
| 2,800.0                                                                           | 2,799.8               | 2,796.8               | 2,796.8               | 4.9              | 4.9           | 179.79                | -91.0                               | 0.0          | 98.0                   | 88.3                    | 9.70             | 10.099        |                    |          |
| 2,900.0                                                                           | 2,899.5               | 2,896.5               | 2,896.5               | 5.0              | 5.0           | 179.81                | -91.0                               | 0.0          | 106.7                  | 96.7                    | 10.03            | 10.637        |                    |          |
| 3,000.0                                                                           | 2,998.7               | 2,995.7               | 2,995.7               | 5.2              | 5.2           | 179.83                | -91.0                               | 0.0          | 118.9                  | 108.5                   | 10.35            | 11.487        |                    |          |
| 3,100.0                                                                           | 3,097.5               | 3,094.5               | 3,094.5               | 5.5              | 5.4           | 179.85                | -91.0                               | 0.0          | 134.5                  | 123.9                   | 10.66            | 12.621        |                    |          |
| 3,200.0                                                                           | 3,195.6               | 3,192.6               | 3,192.6               | 5.7              | 5.5           | 179.87                | -91.0                               | 0.0          | 153.6                  | 142.7                   | 10.96            | 14.018        |                    |          |
| 3,300.0                                                                           | 3,293.1               | 3,290.1               | 3,290.1               | 6.0              | 5.7           | 179.88                | -91.0                               | 0.0          | 176.1                  | 164.9                   | 11.25            | 15.659        |                    |          |
| 3,400.0                                                                           | 3,389.6               | 3,386.6               | 3,386.6               | 6.3              | 5.9           | 179.90                | -91.0                               | 0.0          | 202.0                  | 190.5                   | 11.52            | 17.529        |                    |          |
| 3,500.0                                                                           | 3,485.3               | 3,482.3               | 3,482.3               | 6.7              | 6.1           | 179.91                | -91.0                               | 0.0          | 231.2                  | 219.4                   | 11.79            | 19.616        |                    |          |
| 3,600.0                                                                           | 3,579.8               | 3,570.6               | 3,570.6               | 7.1              | 6.2           | 179.92                | -91.2                               | 0.0          | 264.0                  | 252.0                   | 12.03            | 21.947        |                    |          |
| 3,700.0                                                                           | 3,673.2               | 3,630.9               | 3,630.7               | 7.6              | 6.3           | 179.92                | -95.8                               | 0.0          | 306.9                  | 294.7                   | 12.21            | 25.130        |                    |          |
| 3,800.0                                                                           | 3,765.2               | 3,683.9               | 3,682.8               | 8.1              | 6.4           | 179.92                | -105.0                              | 0.0          | 361.5                  | 349.1                   | 12.37            | 29.216        |                    |          |
| 3,900.0                                                                           | 3,855.8               | 3,729.3               | 3,726.7               | 8.7              | 6.5           | 179.92                | -116.7                              | 0.0          | 425.8                  | 413.3                   | 12.51            | 34.035        |                    |          |
| 4,000.0                                                                           | 3,944.9               | 3,767.7               | 3,763.0               | 9.4              | 6.6           | 179.92                | -129.3                              | 0.0          | 497.9                  | 485.3                   | 12.62            | 39.440        |                    |          |
| 4,100.0                                                                           | 4,032.4               | 3,800.0               | 3,792.8               | 10.1             | 6.7           | 179.92                | -141.8                              | 0.0          | 576.4                  | 563.7                   | 12.73            | 45.282        |                    |          |
| 4,200.0                                                                           | 4,119.1               | 3,826.9               | 3,817.1               | 10.8             | 6.8           | 179.92                | -153.4                              | -0.1         | 658.8                  | 645.9                   | 12.95            | 50.862        |                    |          |
| 4,300.0                                                                           | 4,205.8               | 3,850.0               | 3,837.4               | 11.6             | 6.9           | 179.91                | -164.3                              | -0.1         | 743.7                  | 730.6                   | 13.17            | 56.464        |                    |          |
| 4,400.0                                                                           | 4,292.5               | 3,871.6               | 3,856.0               | 12.4             | 6.9           | 179.91                | -175.2                              | -0.1         | 830.6                  | 817.2                   | 13.39            | 62.043        |                    |          |
| 4,500.0                                                                           | 4,379.1               | 3,900.0               | 3,879.9               | 13.2             | 7.1           | -156.25               | -190.6                              | -0.1         | 919.1                  | 905.0                   | 14.12            | 65.099        |                    |          |

# Cathedral Energy Services

## Anticollision Report

|                           |                            |                                     |                                 |
|---------------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Company:</b>           | EnCana Oil & Gas (USA) Inc | <b>Local Co-ordinate Reference:</b> | Well Good Times P36-2410 01H    |
| <b>Project:</b>           | San Juan County, NM        | <b>TVD Reference:</b>               | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Reference Site:</b>    | S36-T24N-R10W (Good Times) | <b>MD Reference:</b>                | 16' KB @ 6890.0usft (Aztec 950) |
| <b>Site Error:</b>        | 0.0usft                    | <b>North Reference:</b>             | True                            |
| <b>Reference Well:</b>    | Good Times P36-2410 01H    | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Well Error:</b>        | 0.0usft                    | <b>Output errors are at</b>         | 2.00 sigma                      |
| <b>Reference Wellbore</b> | HZ                         | <b>Database:</b>                    | USA EDM 5000 Multi Users DB     |
| <b>Reference Design:</b>  | Plan #5                    | <b>Offset TVD Reference:</b>        | Offset Datum                    |

Reference Depths are relative to 16' KB @ 6890.0usft (Aztec 950)

Offset Depths are relative to Offset Datum

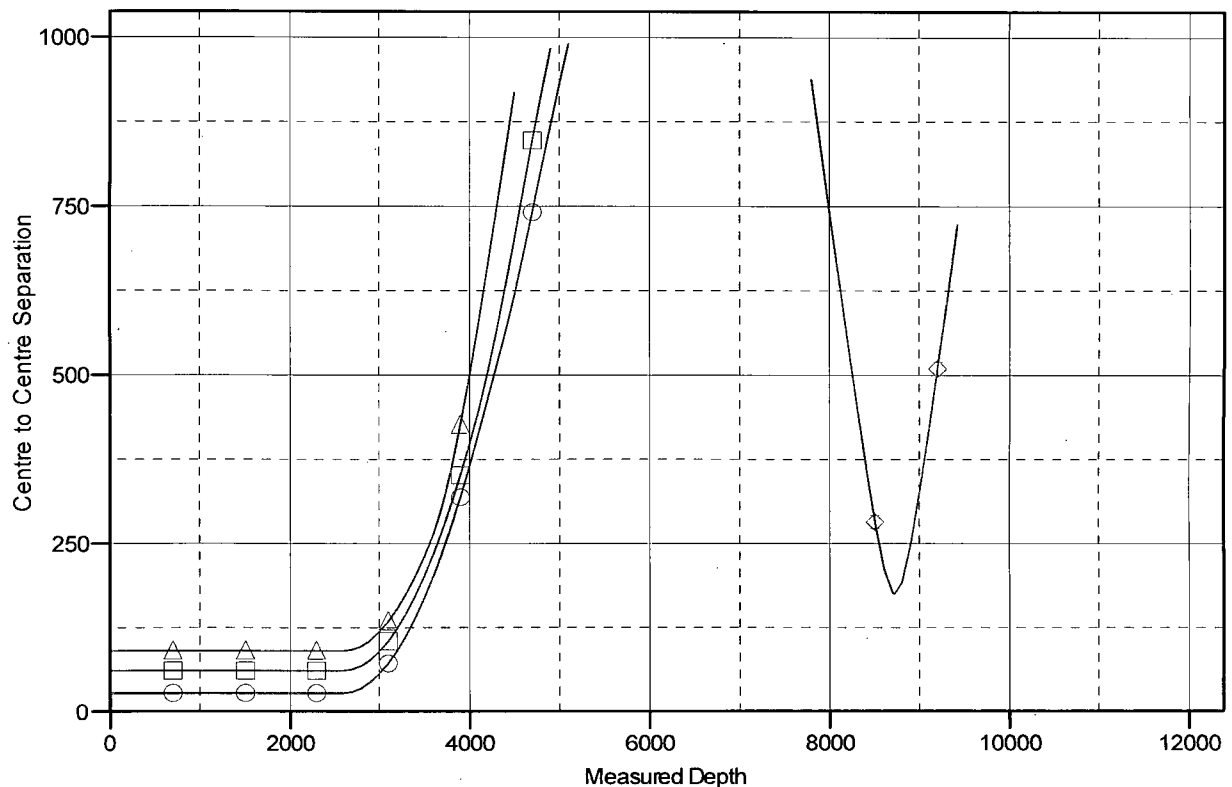
Central Meridian is -107.833333 °

Coordinates are relative to: Good Times P36-2410 01H

Coordinate System is US State Plane 1983, New Mexico Western Zone

Grid Convergence at Surface is: 0.00°

### Ladder Plot



### LEGEND

Coberfest#1 (Existing), Existing, Existing V0      Good Times P36-2410 02H, HZ, Plan #3 V0      Good Times P36-2410 04H, HZ, Plan #2 V0  
 Coberfest Corn#2 (Existing), Existing, Existing V0      Good Times P36-2410 03H, HZ, Plan #2 V0

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation