

DISTRICT I  
1625 N. French Dr., Hobbs, N.M. 88240

DISTRICT II  
1301 West Grand Avenue, Artesia, N.M. 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, N.M. 87410

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102  
Revised October 12, 2005

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

RCVD MAY 7 '10  
☐ AMENDED REPORT  
OIL CONS. DIV.  
DIST. 3

"AS DRILLED PLAT"

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                                                  |                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-039-30322</b> | <sup>2</sup> Pool Code<br><b>71599 / 72319</b>                                   | <sup>3</sup> Pool Name<br><b>BASIN DAKOTA/BLANCO MESAVERDE</b> |
| <sup>4</sup> Property Code<br><b>7465</b>      | <sup>5</sup> Property Name<br><b>SAN JUAN 29-7 UNIT</b>                          | <sup>6</sup> Well Number<br><b>66M</b>                         |
| <sup>7</sup> GRID No.<br><b>14538</b>          | <sup>8</sup> Operator Name<br><b>BURLINGTON RESOURCES OIL AND GAS COMPANY LP</b> | <sup>9</sup> Elevation<br><b>6778'</b>                         |

<sup>10</sup> Surface Location

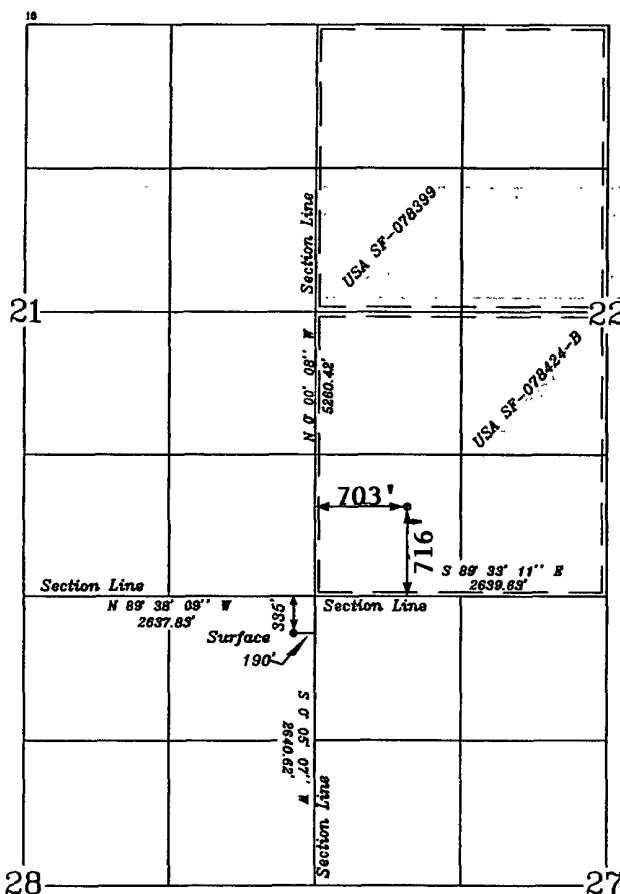
| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| A             | 28      | 29-N     | 7-W   |         | 335'          | NORTH            | 190'          | EAST           | RIO ARriba |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| M             | 22      | 29-N     | 7-W   |         | 716           | SOUTH            | 703           | WEST           | RIO ARriba |

|                                                      |                               |                                  |                         |
|------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>320.00 (W/2)</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No. |
|------------------------------------------------------|-------------------------------|----------------------------------|-------------------------|

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



Surface  
LAT: 36°42.1909' N.  
LONG: 107°34.0423' W.  
NAD 1927

LAT: 36.703189' N.  
LONG: 107.567979' W.  
NAD 1983

<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or a working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*Crystal Tafoya* 5/3/10  
Signature  
**Crystal Tafoya** 5/3/2010  
Printed Name

<sup>18</sup> SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

10-3-15897  
Date of Survey  
Signature and Seal of Professional Surveyor:  
*GENE W. RUSSELL*  
15703  
Certificate Number 15703



**COP Deviation Report**  
**SAN JUAN 29-7 UNIT #66M**

|                                                          |                                           |                         |                         |                              |
|----------------------------------------------------------|-------------------------------------------|-------------------------|-------------------------|------------------------------|
| Operator<br>BURLINGTON RESOURCES OIL &<br>GAS COMPANY LP | Legal WellName<br>SAN JUAN 29-7 UNIT #66M | API / UWI<br>3003930322 | County<br>RIO ARRIBA    | State/Province<br>NEW MEXICO |
| Surface Legal Location<br>028-029N-007W-A                | N/S Dist (ft)<br>335.00                   | N/S Ref<br>FNL          | E/W Dist (ft)<br>190.00 | E/W Ref<br>FEL               |

| Survey Data |           |          |          |                     |
|-------------|-----------|----------|----------|---------------------|
| Date        | MD (ftKB) | Incl (°) | Method   | Survey Company      |
| 12/4/2009   | 129.00    | 0.25     | Inc-Drop | MOTE                |
| 12/4/2009   | 234.00    | 0.75     | Inc-Drop | MOTE                |
| 12/12/2009  | 235.00    | 0.50     | MWD      | Scientific Drilling |
| 12/13/2009  | 266.00    | 0.15     | MWD      | Scientific Drilling |
| 12/13/2009  | 295.00    | 0.39     | MWD      | Scientific Drilling |
| 12/13/2009  | 326.00    | 0.69     | MWD      | Scientific Drilling |
| 12/13/2009  | 358.00    | 1.05     | MWD      | Scientific Drilling |
| 12/13/2009  | 389.00    | 1.92     | MWD      | Scientific Drilling |
| 12/13/2009  | 420.00    | 2.57     | MWD      | Scientific Drilling |
| 12/13/2009  | 451.00    | 3.40     | MWD      | Scientific Drilling |
| 12/13/2009  | 481.00    | 4.14     | MWD      | Scientific Drilling |
| 12/13/2009  | 512.00    | 4.95     | MWD      | Scientific Drilling |
| 12/14/2009  | 543.00    | 5.61     | MWD      | Scientific Drilling |
| 12/14/2009  | 574.00    | 6.08     | MWD      | Scientific Drilling |
| 12/14/2009  | 605.00    | 6.76     | MWD      | Scientific Drilling |
| 12/14/2009  | 635.00    | 7.73     | MWD      | Scientific Drilling |
| 12/14/2009  | 665.00    | 8.45     | MWD      | Scientific Drilling |
| 12/14/2009  | 697.00    | 9.45     | MWD      | Scientific Drilling |
| 12/14/2009  | 728.00    | 9.46     | MWD      | Scientific Drilling |
| 12/14/2009  | 759.00    | 10.30    | MWD      | Scientific Drilling |
| 12/14/2009  | 790.00    | 11.08    | MWD      | Scientific Drilling |
| 12/14/2009  | 821.00    | 11.78    | MWD      | Scientific Drilling |
| 12/14/2009  | 852.00    | 12.35    | MWD      | Scientific Drilling |
| 12/14/2009  | 878.00    | 12.96    | MWD      | Scientific Drilling |
| 12/14/2009  | 911.00    | 14.20    | MWD      | Scientific Drilling |
| 12/14/2009  | 943.00    | 14.66    | MWD      | Scientific Drilling |
| 12/14/2009  | 974.00    | 15.58    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,006.00  | 16.00    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,069.00  | 17.60    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,106.00  | 17.55    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,138.00  | 18.10    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,170.00  | 18.57    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,202.00  | 18.66    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,234.00  | 18.86    | MWD      | Scientific Drilling |
| 12/14/2009  | 1,266.00  | 19.62    | MWD      | Scientific Drilling |

I, the undersigned, certify that I acting in my capacity as \_\_\_\_\_ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

Subscribed and sworn to me this \_\_\_\_\_

Notary Public in and for San Juan County, New Mexico

My Commission expires \_\_\_\_\_



**COP Deviation Report**  
**SAN JUAN 29-7 UNIT #66M**

**Survey Data**

| Date       | MD (ftKB) | Incl (°) | Method | Survey Company      |
|------------|-----------|----------|--------|---------------------|
| 12/14/2009 | 1,298.00  | 19 51    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,329.00  | 19 72    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,361.00  | 20.37    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,393.00  | 20.62    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,425.00  | 20 93    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,457.00  | 21.44    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,488.00  | 21.84    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,520.00  | 22.19    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,552.00  | 22.49    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,583.00  | 22.22    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,615.00  | 22.18    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,647.00  | 22.04    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,678.00  | 22.75    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,710.00  | 23.18    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,742.00  | 23.73    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,774.00  | 24.33    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,806.00  | 24.41    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,838.00  | 24.08    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,870.00  | 24.64    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,902.00  | 25.17    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,933.00  | 25.19    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,964.00  | 25.32    | MWD    | Scientific Drilling |
| 12/14/2009 | 1,996.00  | 26.17    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,028.00  | 27.16    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,059.00  | 28 04    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,091.00  | 28.27    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,154.00  | 28.17    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,218.00  | 28 59    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,281.00  | 28.18    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,344.00  | 27.98    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,408.00  | 28.12    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,472.00  | 28.06    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,535.00  | 28 30    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,599.00  | 27.87    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,662.00  | 27.97    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,725.00  | 27.96    | MWD    | Scientific Drilling |
| 12/14/2009 | 2,788.00  | 28 61    | MWD    | Scientific Drilling |
| 12/15/2009 | 2,820.00  | 29.00    | MWD    | Scientific Drilling |
| 12/15/2009 | 2,852.00  | 28.93    | MWD    | Scientific Drilling |

I, the undersigned, certify that I acting in my capacity as \_\_\_\_\_ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

\_\_\_\_\_

Subscribed and sworn to me this \_\_\_\_\_

Notary Public in and for San Juan County, New Mexico

My Commission expires \_\_\_\_\_



**COP Deviation Report**  
**SAN JUAN 29-7 UNIT #66M**

**Survey Data**

| Date       | MD (RKB) | Incl (°) | Method | Survey Company      |
|------------|----------|----------|--------|---------------------|
| 12/15/2009 | 2,916.00 | 29.30    | MWD    | Scientific Drilling |
| 12/15/2009 | 2,979.00 | 30.03    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,041.00 | 28.83    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,105.00 | 29.15    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,169.00 | 27.75    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,233.00 | 27.83    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,296.00 | 27.87    | MWD    | Scientific Drilling |
| 12/15/2009 | 3,359.00 | 26.69    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,422.00 | 25.60    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,486.00 | 25.06    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,518.00 | 24.57    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,550.00 | 24.09    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,582.00 | 22.50    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,613.00 | 21.59    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,645.00 | 20.38    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,676.00 | 19.68    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,708.00 | 18.78    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,740.00 | 17.05    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,772.00 | 16.43    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,803.00 | 15.30    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,835.00 | 15.25    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,866.00 | 15.17    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,898.00 | 15.64    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,929.00 | 15.21    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,961.00 | 14.93    | MWD    | Scientific Drilling |
| 12/16/2009 | 3,992.00 | 14.34    | MWD    | Scientific Drilling |
| 12/16/2009 | 4,024.00 | 12.69    | MWD    | Scientific Drilling |
| 12/16/2009 | 4,056.00 | 11.88    | MWD    | Scientific Drilling |
| 12/16/2009 | 4,087.00 | 11.00    | MWD    | Scientific Drilling |
| 12/16/2009 | 4,119.00 | 10.34    | MWD    | Scientific Drilling |
| 12/16/2009 | 4,151.00 | 9.25     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,183.00 | 8.24     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,214.00 | 7.38     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,246.00 | 6.38     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,277.00 | 5.66     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,309.00 | 4.35     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,341.00 | 3.48     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,372.00 | 2.59     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,435.00 | 2.20     | MWD    | Scientific Drilling |

I, the undersigned, certify that I acting in my capacity as \_\_\_\_\_ for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

\_\_\_\_\_

Subscribed and sworn to me this \_\_\_\_\_

Notary Public in and for San Juan County, New Mexico

My Commission expires \_\_\_\_\_

**Survey Data**

| Date       | MD (ftKB) | Incl (°) | Method | Survey Company      |
|------------|-----------|----------|--------|---------------------|
| 12/16/2009 | 4,458.00  | 1.73     | MWD    | Scientific Drilling |
| 12/16/2009 | 4,510.00  | 0.67     | Interp | Scientific Drilling |
| 12/30/2009 | 8,291.00  | 1.00     | Inc-WL | PHOENIX             |

RCVD MAY 7 '10  
OIL CONS. DIV.  
DIST. 3

I, the undersigned, certify that: I acting in my capacity as Drilling Engineer for ConocoPhillips Company, am authorized by said Company to make this report; and that said report was prepared under my supervision and directions, and that the facts stated herein are true to the best of my knowledge and belief.

*Todd Dalmatas*

Subscribed and sworn to me this April 30, 2010

*Capital Tafa*

Notary Public in and for San Juan County, New Mexico

My Commission expires 10/12/2010

RCVD MAY 7 '10  
OIL CONS. DIV.

DIST. 3

# ConocoPhillips

SJB (NM Central)

SEC 28-T29N-R7W

SJ 29-7 #66M

API # 30-039-30322

Original Hole

Survey: Actual

## Standard Survey Report

17 February, 2010

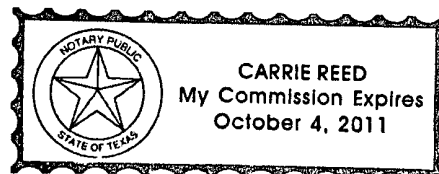
This survey is correct to the best of my knowledge and is supported by actual field data.

Lu Harton

Notorized this date 17th of February, 2010.

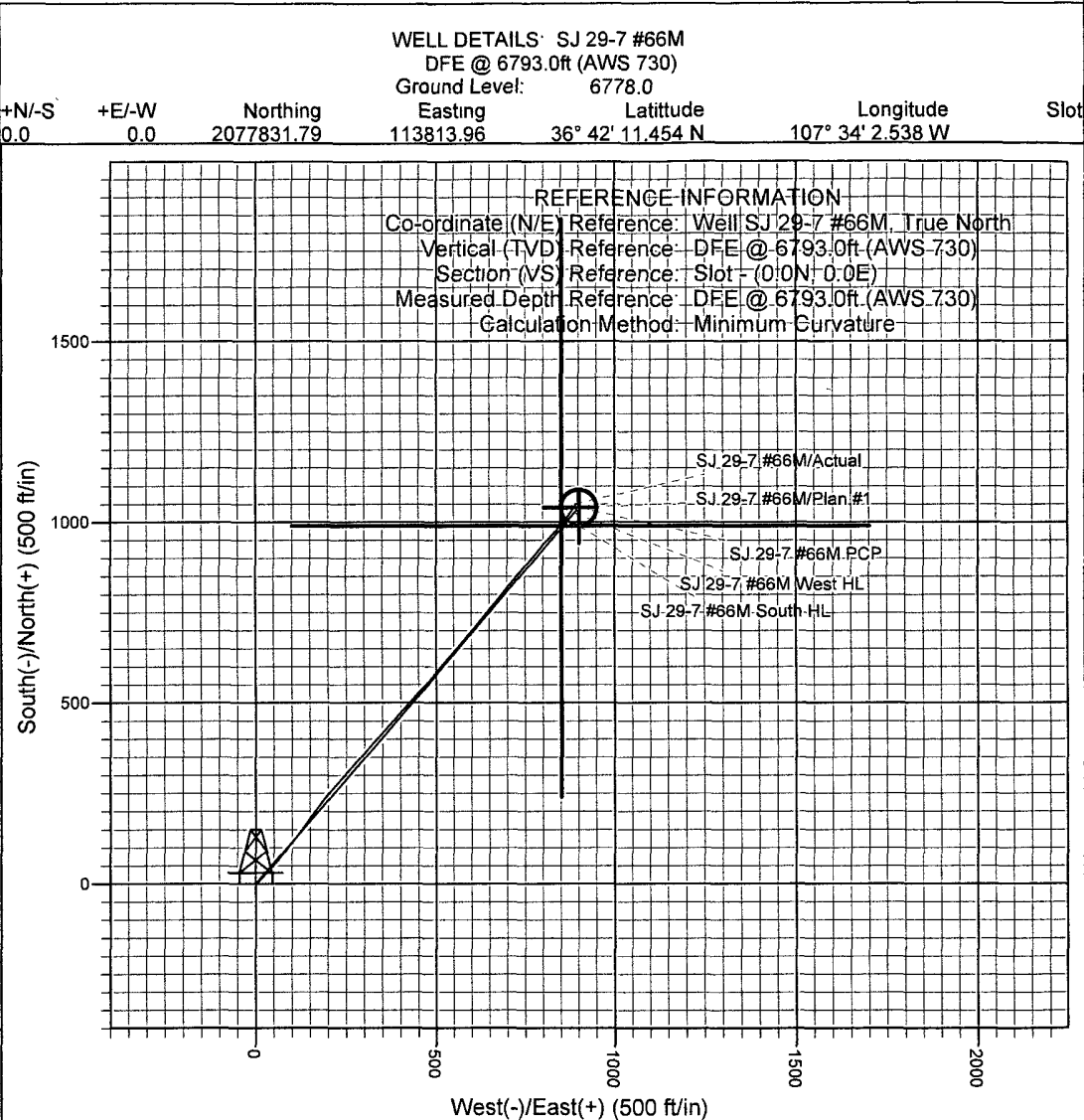
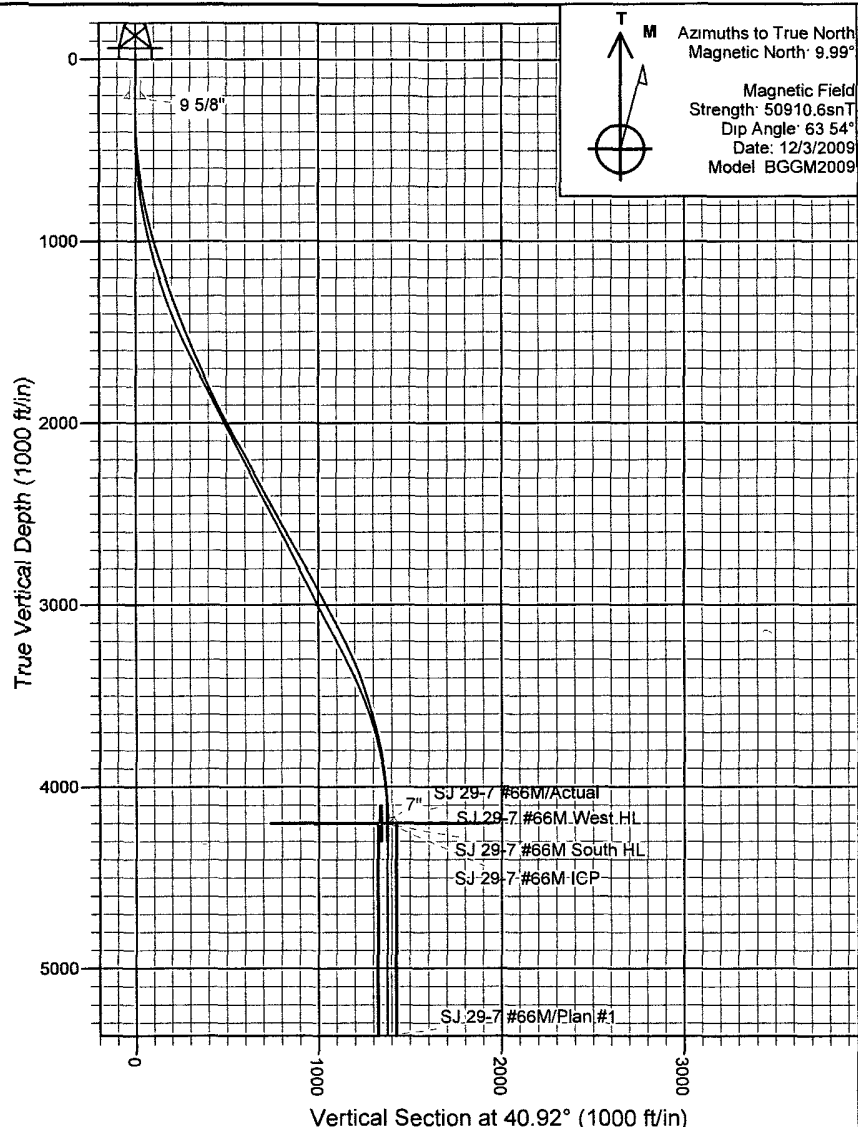
Carrie Reed

Notary Signature  
County of Midland  
State of Texas





Project: SJB (NM Central)  
 Site: SEC 28-T29N-R7W  
 Well: SJ 29-7 #66M  
 Wellbore: Original Hole  
 Design: Plan #1



COMPANY DETAILS: ConocoPhillips  
 Calculation Method: Minimum Curvature  
 Error System: ISCWSA  
 Scan Method: Closest Approach 3D  
 Error Surface: Combined Covariances  
 Warning Method: Risk Ratio

PROJECT DETAILS: SJB (NM Central)  
 Geodetic System: US State Plane 1927 (Exact solution)  
 Datum: NAD 1927 (NADCON CONUS)  
 Ellipsoid: Clarke 1866  
 Zone: New Mexico Central 3002  
 System Datum: Mean Sea Level

SITE DETAILS: SEC 28-T29N-R7W  
 Rio Arriba County NM  
 Site Centre Latitude: 36° 42' 11.454 N  
 Longitude: 107° 34' 2.538 W  
 Positional Uncertainty: 0.0  
 Convergence: -0.79  
 Local North: True

# Scientific Drilling International, Inc.

## Survey Report

|                  |                  |                                     |                          |
|------------------|------------------|-------------------------------------|--------------------------|
| <b>Company:</b>  | ConocoPhillips   | <b>Local Co-ordinate Reference:</b> | Well SJ 29-7 #66M        |
| <b>Project:</b>  | SJB (NM Central) | <b>TVD Reference:</b>               | DFE @ 6793.0ft (AWS 730) |
| <b>Site:</b>     | SEC 28-T29N-R7W  | <b>MD Reference:</b>                | DFE @ 6793.0ft (AWS 730) |
| <b>Well:</b>     | SJ 29-7 #66M     | <b>North Reference:</b>             | True                     |
| <b>Wellbore:</b> | Original Hole    | <b>Survey Calculation Method:</b>   | Minimum Curvature        |
| <b>Design:</b>   | Original Hole    | <b>Database:</b>                    | edmCOP                   |

|                    |                                                  |                      |                             |
|--------------------|--------------------------------------------------|----------------------|-----------------------------|
| <b>Project</b>     | SJB (NM Central), New Mexico, S-Type MV/DK Wells |                      |                             |
| <b>Map System:</b> | US State Plane 1927 (Exact solution)             | <b>System Datum:</b> | Mean Sea Level              |
| <b>Geo Datum:</b>  | NAD 1927 (NADCON CONUS)                          |                      | Using Well Reference Point  |
| <b>Map Zone:</b>   | New Mexico Central 3002                          |                      | Using geodetic scale factor |

|                       |          |                 |                 |                   |                  |
|-----------------------|----------|-----------------|-----------------|-------------------|------------------|
| Site                  |          | SEC 28-T29N-R7W |                 |                   |                  |
| Site Position:        |          | Northing:       | 2,077,831.79 ft | Latitude:         | 36° 42' 11.454 N |
| From:                 | Lat/Long | Easting:        | 113,813.96 ft   | Longitude:        | 107° 34' 2.538 W |
| Position Uncertainty: | 0.0 ft   | Slot Radius:    | 6-1/8"          | Grid Convergence: | -0.79 °          |

|                      |                                 |        |                     |                 |               |                  |
|----------------------|---------------------------------|--------|---------------------|-----------------|---------------|------------------|
| Well                 | SJ 29-7 #66M, S-Type MV/DK Well |        |                     |                 |               |                  |
| Well Position        | +N/-S                           | 0.0 ft | Northing:           | 2,077,831.79 ft | Latitude:     | 36° 42' 11.454 N |
|                      | +E/-W                           | 0.0 ft | Easting:            | 113,813.96 ft   | Longitude:    | 107° 34' 2.538 W |
| Position Uncertainty |                                 | 3.5 ft | Wellhead Elevation: | ft              | Ground Level: | 6,778.0 ft       |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | Original Hole     |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | BGGM2009          | 12/3/2009          | 9.99                   | 63.54                | 50,911                     |

|                   |                          |               |               |                  |     |
|-------------------|--------------------------|---------------|---------------|------------------|-----|
| Design            | Original Hole            |               |               |                  |     |
| Audit Notes:      |                          |               |               |                  |     |
| Version:          | 1.0                      | Phase:        | ACTUAL        | Tie On Depth:    | 0.0 |
| Vertical Section: | Depth From (TVD)<br>(ft) | +N/-S<br>(ft) | +E/-W<br>(ft) | Direction<br>(°) |     |
|                   | 0.0                      | 0.0           | 0.0           | 40.37            |     |

|                       |                |                          |                  |                          |
|-----------------------|----------------|--------------------------|------------------|--------------------------|
| <b>Survey Program</b> | Date 2/17/2010 |                          |                  |                          |
| <b>From (ft)</b>      | <b>To (ft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b> | <b>Description</b>       |
| 235.0                 | 4,458.0        | Actual (Original Hole)   | MWD SDI          | MWD - Standard ver 1.0.1 |

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 0.0                 | 0.00            | 0.00        | 0.0                 | 0.0        | 0.0        | 0.0                   | 0.00                  | 0.00                 | 0.00                |
| 235.0               | 0.50            | 66.10       | 235.0               | 0.4        | 0.9        | 0.9                   | 0.21                  | 0.21                 | 0.00                |
| 266.0               | 0.15            | 356.18      | 266.0               | 0.5        | 1.1        | 1.1                   | 1.52                  | -1.13                | -225.55             |
| 295.0               | 0.39            | 34.84       | 295.0               | 0.6        | 1.1        | 1.2                   | 0.99                  | 0.83                 | 133.31              |
| 326.0               | 0.69            | 55.20       | 326.0               | 0.8        | 1.3        | 1.5                   | 1.13                  | 0.97                 | 65.68               |
| 358.0               | 1.05            | 43.78       | 358.0               | 1.1        | 1.7        | 2.0                   | 1.24                  | 1.13                 | -35.69              |
| 389.0               | 1.92            | 54.23       | 389.0               | 1.7        | 2.3        | 2.8                   | 2.93                  | 2.81                 | 33.71               |
| 420.0               | 2.57            | 52.43       | 420.0               | 2.4        | 3.3        | 3.9                   | 2.11                  | 2.10                 | -5.81               |
| 451.0               | 3.40            | 55.56       | 450.9               | 3.3        | 4.6        | 5.5                   | 2.73                  | 2.68                 | 10.10               |
| 481.0               | 4.14            | 53.70       | 480.8               | 4.5        | 6.2        | 7.4                   | 2.50                  | 2.47                 | -6.20               |
| 512.0               | 4.95            | 46.71       | 511.8               | 6.0        | 8.1        | 9.8                   | 3.16                  | 2.61                 | -22.55              |
| 543.0               | 5.61            | 45.42       | 542.6               | 8.0        | 10.1       | 12.7                  | 2.16                  | 2.13                 | -4.16               |
| 574.0               | 6.08            | 45.24       | 573.5               | 10.2       | 12.4       | 15.8                  | 1.52                  | 1.52                 | -0.58               |

# Scientific Drilling International, Inc.

## Survey Report

|                  |                  |                                     |                          |
|------------------|------------------|-------------------------------------|--------------------------|
| <b>Company:</b>  | ConocoPhillips   | <b>Local Co-ordinate Reference:</b> | Well SJ 29-7 #66M        |
| <b>Project:</b>  | SJB (NM Central) | <b>TVD Reference:</b>               | DFE @ 6793.0ft (AWS 730) |
| <b>Site:</b>     | SEC 28-T29N-R7W  | <b>MD Reference:</b>                | DFE @ 6793.0ft (AWS 730) |
| <b>Well:</b>     | SJ 29-7 #66M     | <b>North Reference:</b>             | True                     |
| <b>Wellbore:</b> | Original Hole    | <b>Survey Calculation Method:</b>   | Minimum Curvature        |
| <b>Design:</b>   | Original Hole    | <b>Database:</b>                    | edmCOP                   |

### Survey

| Measured<br>Depth<br>(ft) | Inclination<br>(°) | Azimuth<br>(°) | Vertical<br>Depth<br>(ft) | +N/-S<br>(ft) | +E/-W<br>(ft) | Vertical<br>Section<br>(ft) | Dogleg<br>Rate<br>(°/100ft) | Build<br>Rate<br>(°/100ft) | Turn<br>Rate<br>(°/100ft) |
|---------------------------|--------------------|----------------|---------------------------|---------------|---------------|-----------------------------|-----------------------------|----------------------------|---------------------------|
| 605.0                     | 6 76               | 42 26          | 604 3                     | 12.8          | 14.8          | 19 3                        | 2.44                        | 2.19                       | -9.61                     |
| 635.0                     | 7 73               | 38.61          | 634 0                     | 15.6          | 17.2          | 23.1                        | 3.58                        | 3 23                       | -12.17                    |
| 665.0                     | 8 45               | 41 99          | 663.7                     | 18.9          | 19.9          | 27 3                        | 2.88                        | 2.40                       | 11 27                     |
| 697.0                     | 9 45               | 42 20          | 695 3                     | 22.5          | 23.3          | 32.3                        | 3.13                        | 3 13                       | 0 66                      |
| 728.0                     | 9.46               | 43.96          | 725.9                     | 26.3          | 26.8          | 37.3                        | 0 93                        | 0.03                       | 5.68                      |
| 759 0                     | 10.30              | 42.62          | 756 5                     | 30.1          | 30.4          | 42 7                        | 2.81                        | 2.71                       | -4 32                     |
| 790.0                     | 11.08              | 43.10          | 786.9                     | 34.4          | 34.3          | 48.4                        | 2.53                        | 2.52                       | 1.55                      |
| 821.0                     | 11 78              | 42.05          | 817.3                     | 38.9          | 38 5          | 54.5                        | 2.36                        | 2.26                       | -3.39                     |
| 852.0                     | 12.35              | 42.70          | 847.6                     | 43.7          | 42.8          | 61.0                        | 1.89                        | 1.84                       | 2 10                      |
| 878 0                     | 12.96              | 42.41          | 873.0                     | 47 9          | 46 7          | 66.7                        | 2.36                        | 2 35                       | -1.12                     |
| 911.0                     | 14.20              | 40.41          | 905.1                     | 53 7          | 51 8          | 74.4                        | 4.02                        | 3 76                       | -6.06                     |
| 943.0                     | 14.66              | 40.36          | 936.1                     | 59.7          | 57 0          | 82.4                        | 1.44                        | 1.44                       | -0.16                     |
| 974 0                     | 15.58              | 39.72          | 966 0                     | 65.9          | 62.2          | 90.5                        | 3.02                        | 2.97                       | -2.06                     |
| 1,006.0                   | 16 00              | 38 87          | 996.8                     | 72.7          | 67.7          | 99.2                        | 1.50                        | 1 31                       | -2 66                     |
| 1,069 0                   | 17.60              | 37 82          | 1,057 1                   | 87.0          | 79.0          | 117 4                       | 2.58                        | 2 54                       | -1.67                     |
| 1,106.0                   | 17 55              | 37.81          | 1,092 4                   | 95 8          | 85 8          | 128.6                       | 0.14                        | -0 14                      | -0.03                     |
| 1,138.0                   | 18 10              | 37 78          | 1,122.8                   | 103.5         | 91.8          | 138 4                       | 1.72                        | 1.72                       | -0.09                     |
| 1,170.0                   | 18 57              | 38.06          | 1,153 2                   | 111.5         | 98.0          | 148.4                       | 1.49                        | 1.47                       | 0.88                      |
| 1,202.0                   | 18.66              | 38 36          | 1,183 5                   | 119.5         | 104 3         | 158 6                       | 0.41                        | 0 28                       | 0.94                      |
| 1,234.0                   | 18 86              | 38 01          | 1,213.8                   | 127.6         | 110.7         | 168 9                       | 0.72                        | 0 63                       | -1.09                     |
| 1,266.0                   | 19 62              | 36.97          | 1,244 0                   | 136.0         | 117 1         | 179.4                       | 2.61                        | 2.38                       | -3 25                     |
| 1,298.0                   | 19 51              | 37 37          | 1,274.2                   | 144 5         | 123.6         | 190.1                       | 0.54                        | -0.34                      | 1.25                      |
| 1,329 0                   | 19.72              | 37.02          | 1,303.4                   | 152 8         | 129.9         | 200 5                       | 0.78                        | 0.68                       | -1.13                     |
| 1,361 0                   | 20.37              | 36 65          | 1,333 4                   | 161.6         | 136 5         | 211.5                       | 2.07                        | 2 03                       | -1 16                     |
| 1,393 0                   | 20.62              | 36 30          | 1,363.4                   | 170.6         | 143.1         | 222 7                       | 0 87                        | 0.78                       | -1.09                     |
| 1,425 0                   | 20.93              | 36.09          | 1,393.3                   | 179.7         | 149 8         | 234 0                       | 1 00                        | 0.97                       | -0 66                     |
| 1,457 0                   | 21.44              | 36.40          | 1,423.2                   | 189.1         | 156.7         | 245.5                       | 1.63                        | 1 59                       | 0.97                      |
| 1,488 0                   | 21.84              | 36.69          | 1,452.0                   | 198 2         | 163.5         | 256.9                       | 1.34                        | 1 29                       | 0.94                      |
| 1,520 0                   | 22.19              | 36 67          | 1,481.7                   | 207.9         | 170 6         | 268.9                       | 1 09                        | 1 09                       | -0.06                     |
| 1,552.0                   | 22 49              | 37 29          | 1,511.3                   | 217 6         | 177.9         | 281.0                       | 1.19                        | 0 94                       | 1 94                      |
| 1,583 0                   | 22 22              | 37.32          | 1,539.9                   | 227.0         | 185 1         | 292.8                       | 0.87                        | -0.87                      | 0 10                      |
| 1,615 0                   | 22 18              | 37.72          | 1,569.6                   | 236.5         | 192 5         | 304.9                       | 0 49                        | -0 13                      | 1.25                      |
| 1,647 0                   | 22.04              | 38.84          | 1,599.2                   | 246 0         | 199.9         | 316 9                       | 1 39                        | -0.44                      | 3.50                      |
| 1,678 0                   | 22 75              | 39.47          | 1,627.9                   | 255 2         | 207.4         | 328.7                       | 2 42                        | 2 29                       | 2 03                      |
| 1,710.0                   | 23 18              | 40.36          | 1,657 3                   | 264 7         | 215.4         | 341 2                       | 1 73                        | 1 34                       | 2.78                      |
| 1,742 0                   | 23 73              | 42.00          | 1,686.7                   | 274.3         | 223.8         | 353 9                       | 2.67                        | 1.72                       | 5 13                      |
| 1,774.0                   | 24 33              | 41 59          | 1,715 9                   | 284 0         | 232.5         | 367.0                       | 1.95                        | 1.88                       | -1 28                     |
| 1,806.0                   | 24 41              | 42 06          | 1,745.1                   | 293.9         | 241.3         | 380 2                       | 0 66                        | 0 25                       | 1 47                      |
| 1,838 0                   | 24.08              | 41 78          | 1,774 2                   | 303.6         | 250.0         | 393 3                       | 1.09                        | -1 03                      | -0 88                     |
| 1,870.0                   | 24.64              | 41.27          | 1,803 4                   | 313 5         | 258 8         | 406 5                       | 1.87                        | 1.75                       | -1 59                     |
| 1,902.0                   | 25.17              | 41.18          | 1,832.4                   | 323.7         | 267 7         | 420 0                       | 1.66                        | 1.66                       | -0 28                     |
| 1,933 0                   | 25 19              | 41.83          | 1,860 5                   | 333.5         | 276.4         | 433.2                       | 0.89                        | 0 06                       | 2.10                      |
| 1,964 0                   | 25.32              | 41 60          | 1,888.5                   | 343.4         | 285 2         | 446.4                       | 0.53                        | 0.42                       | -0.74                     |
| 1,996.0                   | 26 17              | 41 31          | 1,917 3                   | 353 8         | 294.4         | 460 3                       | 2 69                        | 2.66                       | -0.91                     |
| 2,028 0                   | 27 16              | 41 13          | 1,945.9                   | 364.6         | 303 9         | 474.6                       | 3.10                        | 3 09                       | -0 56                     |
| 2,059.0                   | 28 04              | 41.72          | 1,973 4                   | 375.4         | 313.4         | 489 0                       | 2.97                        | 2 84                       | 1 90                      |
| 2,091.0                   | 28 27              | 41.95          | 2,001.6                   | 386.7         | 323.4         | 504 1                       | 0.79                        | 0 72                       | 0.72                      |
| 2,154 0                   | 28.17              | 41.80          | 2,057.1                   | 408.8         | 343 3         | 533 9                       | 0.19                        | -0.16                      | -0.24                     |
| 2,218.0                   | 28.59              | 41.66          | 2,113.4                   | 431.5         | 363 6         | 564 3                       | 0.66                        | 0.66                       | -0.22                     |
| 2,281.0                   | 28 18              | 41 94          | 2,168.9                   | 453.9         | 383 5         | 594 2                       | 0.68                        | -0 65                      | 0.44                      |
| 2,344.0                   | 27 98              | 41.72          | 2,224.4                   | 476.0         | 403.3         | 623.9                       | 0.36                        | -0 32                      | -0 35                     |
| 2,408 0                   | 28.12              | 42.31          | 2,280.9                   | 498.3         | 423 5         | 653 9                       | 0.49                        | 0.22                       | 0.92                      |
| 2,472.0                   | 28.06              | 42.45          | 2,337.4                   | 520.6         | 443.8         | 684.1                       | 0.14                        | -0.09                      | 0.22                      |
| 2,535.0                   | 28 30              | 42.60          | 2,392.9                   | 542.5         | 463 9         | 713 8                       | 0.40                        | 0 38                       | 0.24                      |

# Scientific Drilling International, Inc.

## Survey Report

|                  |                  |                                     |                          |
|------------------|------------------|-------------------------------------|--------------------------|
| <b>Company:</b>  | ConocoPhillips   | <b>Local Co-ordinate Reference:</b> | Well SJ 29-7 #66M        |
| <b>Project:</b>  | SJB (NM Central) | <b>TVD Reference:</b>               | DFE @ 6793.0ft (AWS 730) |
| <b>Site:</b>     | SEC 28-T29N-R7W  | <b>MD Reference:</b>                | DFE @ 6793.0ft (AWS 730) |
| <b>Well:</b>     | SJ 29-7 #66M     | <b>North Reference:</b>             | True                     |
| <b>Wellbore:</b> | Original Hole    | <b>Survey Calculation Method:</b>   | Minimum Curvature        |
| <b>Design:</b>   | Original Hole    | <b>Database:</b>                    | edmCOP                   |

### Survey

| Measured Depth (ft) | Inclination (°) | Azimuth (°) | Vertical Depth (ft) | +N/-S (ft) | +E/-W (ft) | Vertical Section (ft) | Dogleg Rate (°/100ft) | Build Rate (°/100ft) | Turn Rate (°/100ft) |
|---------------------|-----------------|-------------|---------------------|------------|------------|-----------------------|-----------------------|----------------------|---------------------|
| 2,599.0             | 27.87           | 42.45       | 2,449.4             | 564.7      | 484.3      | 743.9                 | 0.68                  | -0.67                | -0.23               |
| 2,662.0             | 27.97           | 41.42       | 2,505.0             | 586.7      | 504.0      | 773.4                 | 0.78                  | 0.16                 | -1.63               |
| 2,725.0             | 27.96           | 40.92       | 2,560.7             | 608.9      | 523.4      | 802.9                 | 0.37                  | -0.02                | -0.79               |
| 2,788.0             | 28.61           | 40.82       | 2,616.2             | 631.5      | 542.9      | 832.8                 | 1.03                  | 1.03                 | -0.16               |
| 2,820.0             | 29.00           | 40.65       | 2,644.2             | 643.2      | 553.0      | 848.2                 | 1.25                  | 1.22                 | -0.53               |
| 2,852.0             | 28.93           | 40.42       | 2,672.2             | 654.9      | 563.1      | 863.7                 | 0.41                  | -0.22                | -0.72               |
| 2,916.0             | 29.30           | 40.46       | 2,728.1             | 678.6      | 583.3      | 894.8                 | 0.58                  | 0.58                 | 0.06                |
| 2,979.0             | 30.03           | 40.49       | 2,782.9             | 702.4      | 603.5      | 926.0                 | 1.16                  | 1.16                 | 0.05                |
| 3,041.0             | 28.83           | 40.51       | 2,836.9             | 725.5      | 623.3      | 956.5                 | 1.94                  | -1.94                | 0.03                |
| 3,105.0             | 29.15           | 40.00       | 2,892.8             | 749.2      | 643.3      | 987.5                 | 0.63                  | 0.50                 | -0.80               |
| 3,169.0             | 27.75           | 39.97       | 2,949.1             | 772.5      | 662.9      | 1,018.0               | 2.19                  | -2.19                | -0.05               |
| 3,233.0             | 27.83           | 39.70       | 3,005.7             | 795.5      | 682.1      | 1,047.8               | 0.23                  | 0.13                 | -0.42               |
| 3,296.0             | 27.87           | 39.00       | 3,061.4             | 818.2      | 700.7      | 1,077.2               | 0.52                  | 0.06                 | -1.11               |
| 3,359.0             | 26.69           | 38.88       | 3,117.4             | 840.7      | 718.9      | 1,106.1               | 1.88                  | -1.87                | -0.19               |
| 3,422.0             | 25.60           | 39.60       | 3,174.0             | 862.2      | 736.4      | 1,133.9               | 1.80                  | -1.73                | 1.14                |
| 3,486.0             | 25.06           | 41.61       | 3,231.8             | 883.0      | 754.2      | 1,161.2               | 1.59                  | -0.84                | 3.14                |
| 3,518.0             | 24.57           | 41.98       | 3,260.9             | 893.0      | 763.2      | 1,174.7               | 1.61                  | -1.53                | 1.16                |
| 3,550.0             | 24.09           | 41.73       | 3,290.0             | 902.8      | 772.0      | 1,187.9               | 1.53                  | -1.50                | -0.78               |
| 3,582.0             | 22.50           | 39.79       | 3,319.4             | 912.4      | 780.2      | 1,200.5               | 5.52                  | -4.97                | -6.06               |
| 3,613.0             | 21.59           | 38.41       | 3,348.2             | 921.4      | 787.6      | 1,212.1               | 3.38                  | -2.94                | -4.45               |
| 3,645.0             | 20.38           | 39.30       | 3,378.0             | 930.3      | 794.8      | 1,223.6               | 3.91                  | -3.78                | 2.78                |
| 3,676.0             | 19.68           | 41.86       | 3,407.2             | 938.4      | 801.7      | 1,234.2               | 3.62                  | -2.26                | 8.26                |
| 3,708.0             | 18.78           | 44.64       | 3,437.4             | 946.1      | 808.9      | 1,244.7               | 4.01                  | -2.81                | 8.69                |
| 3,740.0             | 17.05           | 45.69       | 3,467.8             | 953.0      | 815.9      | 1,254.5               | 5.50                  | -5.41                | 3.28                |
| 3,772.0             | 16.43           | 44.53       | 3,498.5             | 959.5      | 822.4      | 1,263.7               | 2.20                  | -1.94                | -3.63               |
| 3,803.0             | 15.30           | 42.71       | 3,528.3             | 965.7      | 828.2      | 1,272.2               | 3.98                  | -3.65                | -5.87               |
| 3,835.0             | 15.25           | 41.16       | 3,559.1             | 971.9      | 833.9      | 1,280.6               | 1.29                  | -0.16                | -4.84               |
| 3,866.0             | 15.17           | 40.53       | 3,589.1             | 978.1      | 839.2      | 1,288.7               | 0.59                  | -0.26                | -2.03               |
| 3,898.0             | 15.64           | 40.78       | 3,619.9             | 984.5      | 844.7      | 1,297.2               | 1.48                  | 1.47                 | 0.78                |
| 3,929.0             | 15.21           | 40.90       | 3,649.8             | 990.8      | 850.1      | 1,305.5               | 1.39                  | -1.39                | 0.39                |
| 3,961.0             | 14.93           | 40.49       | 3,680.7             | 997.1      | 855.6      | 1,313.8               | 0.94                  | -0.88                | -1.28               |
| 3,992.0             | 14.34           | 39.48       | 3,710.7             | 1,003.1    | 860.6      | 1,321.6               | 2.07                  | -1.90                | -3.26               |
| 4,024.0             | 12.69           | 37.48       | 3,741.8             | 1,008.9    | 865.2      | 1,329.1               | 5.36                  | -5.16                | -6.25               |
| 4,056.0             | 11.88           | 36.56       | 3,773.1             | 1,014.4    | 869.3      | 1,335.9               | 2.60                  | -2.53                | -2.88               |
| 4,087.0             | 11.00           | 36.59       | 3,803.5             | 1,019.3    | 873.0      | 1,342.0               | 2.84                  | -2.84                | 0.10                |
| 4,119.0             | 10.34           | 34.66       | 3,834.9             | 1,024.1    | 876.5      | 1,347.9               | 2.35                  | -2.06                | -6.03               |
| 4,151.0             | 9.25            | 35.11       | 3,866.4             | 1,028.6    | 879.6      | 1,353.4               | 3.41                  | -3.41                | 1.41                |
| 4,183.0             | 8.24            | 33.65       | 3,898.1             | 1,032.6    | 882.3      | 1,358.2               | 3.23                  | -3.16                | -4.56               |
| 4,214.0             | 7.38            | 34.33       | 3,928.8             | 1,036.1    | 884.7      | 1,362.4               | 2.79                  | -2.77                | 2.19                |
| 4,246.0             | 6.38            | 34.77       | 3,960.5             | 1,039.2    | 886.9      | 1,366.2               | 3.13                  | -3.13                | 1.38                |
| 4,277.0             | 5.66            | 31.68       | 3,991.4             | 1,042.0    | 888.6      | 1,369.4               | 2.55                  | -2.32                | -9.97               |
| 4,309.0             | 4.35            | 30.91       | 4,023.2             | 1,044.3    | 890.1      | 1,372.2               | 4.10                  | -4.09                | -2.41               |
| 4,341.0             | 3.48            | 24.03       | 4,055.2             | 1,046.3    | 891.1      | 1,374.3               | 3.09                  | -2.72                | -21.50              |
| 4,372.0             | 2.59            | 27.26       | 4,086.1             | 1,047.7    | 891.8      | 1,375.9               | 2.92                  | -2.87                | 10.42               |
| 4,435.0             | 2.20            | 25.18       | 4,149.1             | 1,050.1    | 893.0      | 1,378.5               | 0.63                  | -0.62                | -3.30               |
| 4,458.0             | 1.73            | 35.93       | 4,172.1             | 1,050.8    | 893.4      | 1,379.2               | 2.59                  | -2.04                | 46.74               |

SAN JUAN 29-7 UNIT #66M

Burlington Resources Oil & Gas Company, LP

Most Recent Job

Jobs

| Job Category | Primary Job Type   | Secondary Job Type | Actual Start Date | End Date  |
|--------------|--------------------|--------------------|-------------------|-----------|
| COMPLETIONS  | INITIAL COMPLETION | INITIAL COMPLETION | 1/11/2010         | 4/28/2010 |

Well Config: DEVIATED - Original Hole, 4/29/2010 7:48:30 AM

