

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

☐ AMMENDED REPORT  
ON COMS. 04.  
PST. 3

|                                         |                                                                           |                                     |
|-----------------------------------------|---------------------------------------------------------------------------|-------------------------------------|
| <sup>1</sup> API Number<br>30-039-30589 | <sup>2</sup> Pool Code<br>72319                                           | <sup>3</sup> Pool Name<br>MESAVERDE |
| <sup>4</sup> Property Code<br>7452      | <sup>5</sup> Property Name<br>SAN JUAN 27-4 UNIT                          | <sup>6</sup> Well Number<br>28C     |
| <sup>7</sup> OGRID No.<br>14538         | <sup>8</sup> Operator Name<br>BURLINGTON RESOURCES OIL AND GAS COMPANY LP | <sup>9</sup> Elevation<br>7156      |

|                    |               |                  |              |         |                      |                           |                       |                        |                      |
|--------------------|---------------|------------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------------|
| UL or lot no.<br>C | Section<br>11 | Township<br>27-N | Range<br>4-W | Lot Idn | Feet from the<br>910 | North/South line<br>NORTH | Feet from the<br>1870 | East/West line<br>WEST | County<br>RIO ARriba |
|--------------------|---------------|------------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------------|

| TL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|------------|
| K             | 11      | 27-N     | 4-W   |         | 2611'         | SOUTH            | 1810'         | WEST           | RIO ARriba |

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

16 WEST

5280' (R)

8/5/04

1870'

910'

WELLFLAG  
NAD 83  
LAT: 36.592318° N  
LONG: 107.223494° W  
NAD 27  
LAT: 36° 35.538531' N  
LONG: 107° 13.373760' W

W/2 DEDICATED ACREAGE  
USA SF-080671-A  
SECTION 11  
T27N, R04W

1810'

2611'

BOTTOM HOLE

NORTH

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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Ethel Tally  
Signature

Signature \_\_\_\_\_

**Ethel Tally**

Printed Name \_\_\_\_\_

**Staff Regulatory Technician**

Title and E-mail Address

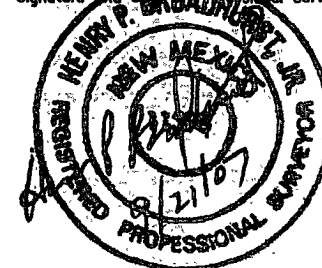
7/31/09

Date \_\_\_\_\_

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.

Date of Survey: 8/43/93

Signature and Seal of Professional Surveyor:



Certificate Number: NM 11393



# COP Deviation Report SAN JUAN 27-4 UNIT #28C

|                                                          |                                           |                         |                           |                              |
|----------------------------------------------------------|-------------------------------------------|-------------------------|---------------------------|------------------------------|
| Operator<br>BURLINGTON RESOURCES OIL &<br>GAS COMPANY LP | Legal WellName<br>SAN JUAN 27-4 UNIT #28C | API / UWI<br>3003930589 | County<br>RIO ARRIBA      | State/Province<br>NEW MEXICO |
| Surface Legal Location<br>011-027N-004W-C                | N/S Dist (ft)<br>910.00                   | N/S Ref<br>FNL          | E/W Dist (ft)<br>1,870.00 | E/W Ref<br>FWL               |

| Survey Data |           |          |        |                     |  |
|-------------|-----------|----------|--------|---------------------|--|
| Date        | MD (ftKB) | Incl (°) | Method | Survey Company      |  |
| 4/21/2009   | 250.00    | 0.72     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 311.00    | 1.21     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 373.00    | 2.41     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 434.00    | 3.52     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 497.00    | 5.09     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 561.00    | 6.83     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 623.00    | 7.69     | MWD    | Scientific Drilling |  |
| 4/21/2009   | 686.00    | 9.35     | MWD    | Scientific Drilling |  |
| 4/22/2009   | 749.00    | 11.32    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 812.00    | 12.94    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 875.00    | 14.65    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 939.00    | 16.43    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,002.00  | 18.11    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,066.00  | 19.54    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,129.00  | 21.26    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,191.00  | 22.67    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,254.00  | 24.55    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,318.00  | 26.45    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,382.00  | 28.05    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,443.00  | 30.33    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,506.00  | 31.77    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,569.00  | 31.26    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,631.00  | 30.76    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,694.00  | 31.44    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,757.00  | 31.75    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,820.00  | 31.44    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,884.00  | 31.73    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 1,947.00  | 32.12    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,010.00  | 31.86    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,074.00  | 32.32    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,137.00  | 32.01    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,201.00  | 31.90    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,265.00  | 32.29    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,328.00  | 32.50    | MWD    | Scientific Drilling |  |
| 4/22/2009   | 2,391.00  | 32.70    | 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 27-4 UNIT #28C**

| Survey Data |           |          |           |                     |  |
|-------------|-----------|----------|-----------|---------------------|--|
| Date        | MD (ftKB) | Incl (°) | Method    | Survey Company      |  |
| 4/22/2009   | 2,455.00  | 32.59    | MWD       | Scientific Drilling |  |
| 4/22/2009   | 2,519.00  | 32.62    | MWD       | Scientific Drilling |  |
| 4/22/2009   | 2,581.00  | 32.08    | MWD       | Scientific Drilling |  |
| 4/22/2009   | 2,644.00  | 31.91    | MWD       | Scientific Drilling |  |
| 4/22/2009   | 2,706.00  | 31.72    | MWD       | Scientific Drilling |  |
| 4/22/2009   | 2,769.00  | 32.47    | FINAL BHS | Scientific Drilling |  |
| 4/23/2009   | 2,831.00  | 32.08    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 2,893.00  | 32.37    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 2,957.00  | 32.29    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,021.00  | 32.51    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,084.00  | 31.61    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,147.00  | 31.35    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,209.00  | 30.61    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,272.00  | 30.78    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,335.00  | 30.80    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,399.00  | 30.31    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,461.00  | 29.57    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,523.00  | 30.46    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,586.00  | 30.57    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,648.00  | 30.16    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,711.00  | 28.59    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,773.00  | 26.88    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,836.00  | 26.15    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,899.00  | 25.72    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 3,962.00  | 24.12    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 4,025.00  | 23.23    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 4,087.00  | 22.11    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 4,149.00  | 19.85    | MWD       | Scientific Drilling |  |
| 4/23/2009   | 4,213.00  | 16.73    | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,276.00  | 15.26    | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,339.00  | 14.29    | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,403.00  | 12.15    | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,466.00  | 9.46     | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,529.00  | 8.27     | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,592.00  | 7.75     | MWD       | Scientific Drilling |  |
| 4/24/2009   | 4,655.00  | 6.43     | MWD       | Scientific Drilling |  |
| 5/8/2009    | 7,146.00  | 0.75     | FINAL BHS | PHOENIX             |  |

RCVD AUG 4 '09  
OIL CONS. DIV.  
DIST. 3

I, the undersigned, certify that I acting in my capacity as 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.

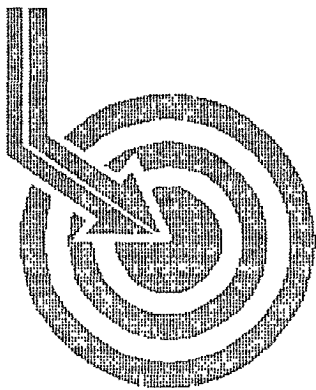
*[Signature]*



Subscribed and sworn to me this July 30th  
Ethel Tally

Notary Public in and for San Juan County, New Mexico

My Commission expires Oct 1, 2012



# Scientific Drilling

## BURLINGTON RESOURCES

Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-4 #28C  
Wellpath: DH - Job #33D0409071  
Survey: 04/20/09-04/24/09

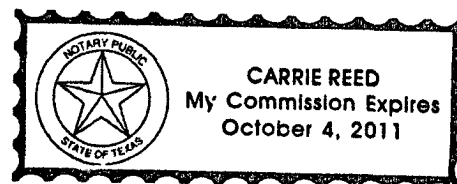
RCVD AUG 4 '09  
OIL CONS. DIV.  
DIST. 3

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

.....*Robert*.....Company Representative

Notorized this date 4th of May, 2009.

*Carrie Reed*  
Notary Signature  
County of Midland  
State of Texas





# Scientific Drilling International Survey Report

|                                       |                                   |                                                |                   |
|---------------------------------------|-----------------------------------|------------------------------------------------|-------------------|
| <b>Company:</b> BURLINGTON RESOURCES  | <b>Date:</b> 05/04/2009           | <b>Time:</b> 10:15:27                          | <b>Page:</b> 1    |
| <b>Field:</b> San Juan                | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> Rio Arriba County, NM, True North |                   |
| <b>Site:</b> Rio Arriba County, NM    | <b>Vertical (TVD) Reference:</b>  | <b>SITE:</b> 0.0                               |                   |
| <b>Well:</b> San Juan 27-4 #28C       | <b>Section (VS) Reference:</b>    | <b>Well:</b> (0.00N,0.00E,182.38Azi)           |                   |
| <b>Wellpath:</b> DH - Job #33D0409071 | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b>                       | <b>Db:</b> Sybase |

|                                                |                                               |
|------------------------------------------------|-----------------------------------------------|
| <b>Survey:</b> 04/20/09-04/24/09               | <b>Start Date:</b> 04/20/2009                 |
| <b>E-field:</b> 0'-4655'                       |                                               |
| <b>Company:</b> Scientific Drilling Internatio | <b>Engineer:</b> Drake/Drake/Clifton/Mitchell |
| <b>Tool:</b> E-field;E-field                   | <b>Tied-to:</b> From Surface                  |

## Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | VS<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | ClsD<br>ft | ClsA<br>deg |
|----------|-------------|-------------|-----------|----------|-----------|-----------|------------------|------------|-------------|
| 0.00     | 0.00        | 0.00        | 0.00      | 0.00     | 0.00      | 0.00      | 0.00             | 0.00       | 0.00        |
| 250.00   | 0.72        | 289.73      | 249.99    | -0.47    | 0.53      | -1.48     | 0.29             | 1.57       | 289.73      |
| 311.00   | 1.21        | 234.76      | 310.99    | -0.19    | 0.29      | -2.37     | 1.62             | 2.38       | 276.94      |
| 373.00   | 2.41        | 218.56      | 372.95    | 1.26     | -1.11     | -3.71     | 2.09             | 3.87       | 253.37      |
| 434.00   | 3.52        | 205.39      | 433.87    | 4.02     | -3.80     | -5.32     | 2.12             | 6.54       | 234.41      |
| 497.00   | 5.09        | 188.89      | 496.69    | 8.58     | -8.31     | -6.58     | 3.15             | 10.60      | 218.35      |
| 561.00   | 6.83        | 185.11      | 560.35    | 15.20    | -14.91    | -7.35     | 2.79             | 16.62      | 206.26      |
| 623.00   | 7.69        | 186.32      | 621.85    | 23.02    | -22.70    | -8.14     | 1.41             | 24.12      | 199.72      |
| 686.00   | 9.35        | 186.34      | 684.15    | 32.33    | -31.98    | -9.17     | 2.63             | 33.27      | 196.00      |
| 749.00   | 11.32       | 180.27      | 746.13    | 43.62    | -43.25    | -9.76     | 3.57             | 44.34      | 192.72      |
| 812.00   | 12.94       | 179.02      | 807.72    | 56.84    | -56.49    | -9.67     | 2.60             | 57.31      | 189.72      |
| 875.00   | 14.65       | 184.53      | 868.90    | 71.85    | -71.48    | -10.18    | 3.42             | 72.21      | 188.10      |
| 939.00   | 16.43       | 181.89      | 930.56    | 88.98    | -88.60    | -11.12    | 2.99             | 89.29      | 187.15      |
| 1002.00  | 18.11       | 178.79      | 990.72    | 107.67   | -107.30   | -11.20    | 3.04             | 107.88     | 185.96      |
| 1066.00  | 19.54       | 179.28      | 1051.30   | 128.28   | -127.94   | -10.86    | 2.25             | 128.40     | 184.85      |
| 1129.00  | 21.26       | 181.84      | 1110.34   | 150.23   | -149.90   | -11.09    | 3.08             | 150.31     | 184.23      |
| 1191.00  | 22.67       | 182.42      | 1167.84   | 173.42   | -173.07   | -11.96    | 2.30             | 173.48     | 183.95      |
| 1254.00  | 24.55       | 183.67      | 1225.57   | 198.64   | -198.26   | -13.31    | 3.09             | 198.71     | 183.84      |
| 1318.00  | 26.45       | 183.49      | 1283.33   | 226.19   | -225.76   | -15.03    | 2.97             | 226.26     | 183.81      |
| 1382.00  | 28.05       | 182.20      | 1340.22   | 255.49   | -255.03   | -16.47    | 2.66             | 255.56     | 183.70      |
| 1443.00  | 30.33       | 183.91      | 1393.48   | 285.23   | -284.73   | -18.08    | 3.98             | 285.30     | 183.63      |
| 1506.00  | 31.77       | 182.48      | 1447.45   | 317.72   | -317.17   | -19.88    | 2.57             | 317.79     | 183.59      |
| 1569.00  | 31.26       | 182.09      | 1501.16   | 350.65   | -350.08   | -21.19    | 0.87             | 350.72     | 183.46      |
| 1631.00  | 30.76       | 180.97      | 1554.29   | 382.59   | -382.00   | -22.05    | 1.23             | 382.64     | 183.30      |
| 1694.00  | 31.44       | 182.77      | 1608.24   | 415.13   | -414.52   | -23.11    | 1.83             | 415.17     | 183.19      |
| 1757.00  | 31.75       | 182.72      | 1661.90   | 448.13   | -447.49   | -24.69    | 0.49             | 448.17     | 183.16      |
| 1820.00  | 31.44       | 182.49      | 1715.56   | 481.14   | -480.47   | -26.20    | 0.53             | 481.18     | 183.12      |
| 1884.00  | 31.73       | 180.87      | 1770.08   | 514.65   | -513.97   | -27.18    | 1.40             | 514.69     | 183.03      |
| 1947.00  | 32.12       | 182.54      | 1823.56   | 547.96   | -547.27   | -28.17    | 1.53             | 547.99     | 182.95      |
| 2010.00  | 31.86       | 182.43      | 1876.99   | 581.34   | -580.61   | -29.62    | 0.42             | 581.37     | 182.92      |
| 2074.00  | 32.32       | 181.77      | 1931.21   | 615.34   | -614.59   | -30.86    | 0.90             | 615.36     | 182.87      |
| 2137.00  | 32.01       | 181.72      | 1984.54   | 648.88   | -648.11   | -31.88    | 0.49             | 648.89     | 182.82      |
| 2201.00  | 31.90       | 182.44      | 2038.84   | 682.75   | -681.96   | -33.11    | 0.62             | 682.76     | 182.78      |
| 2265.00  | 32.29       | 181.53      | 2093.06   | 716.75   | -715.94   | -34.29    | 0.97             | 716.76     | 182.74      |
| 2328.00  | 32.50       | 180.69      | 2146.26   | 750.49   | -749.69   | -34.94    | 0.79             | 750.50     | 182.67      |
| 2391.00  | 32.70       | 181.59      | 2199.33   | 784.43   | -783.62   | -35.62    | 0.83             | 784.43     | 182.60      |
| 2455.00  | 32.59       | 181.96      | 2253.22   | 818.95   | -818.13   | -36.69    | 0.36             | 818.95     | 182.57      |
| 2519.00  | 32.62       | 181.02      | 2307.14   | 853.43   | -852.60   | -37.58    | 0.79             | 853.43     | 182.52      |
| 2581.00  | 32.08       | 181.65      | 2359.51   | 886.60   | -885.77   | -38.35    | 1.03             | 886.60     | 182.48      |
| 2644.00  | 31.91       | 180.80      | 2412.94   | 919.97   | -919.14   | -39.07    | 0.76             | 919.97     | 182.43      |
| 2706.00  | 31.72       | 182.03      | 2465.63   | 952.65   | -951.82   | -39.87    | 1.09             | 952.65     | 182.40      |
| 2769.00  | 32.47       | 180.49      | 2519.00   | 986.11   | -985.28   | -40.61    | 1.76             | 986.11     | 182.36      |
| 2831.00  | 32.08       | 181.87      | 2571.42   | 1019.21  | -1018.38  | -41.29    | 1.34             | 1019.21    | 182.32      |
| 2893.00  | 32.37       | 181.33      | 2623.87   | 1052.27  | -1051.42  | -42.21    | 0.66             | 1052.27    | 182.30      |
| 2957.00  | 32.29       | 180.79      | 2677.95   | 1086.49  | -1085.64  | -42.84    | 0.47             | 1086.49    | 182.26      |
| 3021.00  | 32.51       | 180.39      | 2731.99   | 1120.76  | -1119.94  | -43.19    | 0.48             | 1120.77    | 182.21      |
| 3084.00  | 31.61       | 179.51      | 2785.38   | 1154.17  | -1153.38  | -43.17    | 1.61             | 1154.18    | 182.14      |
| 3147.00  | 31.35       | 179.89      | 2839.11   | 1187.04  | -1186.27  | -43.00    | 0.52             | 1187.05    | 182.08      |
| 3209.00  | 30.61       | 179.55      | 2892.26   | 1218.91  | -1218.19  | -42.84    | 1.23             | 1218.94    | 182.01      |



# Scientific Drilling International

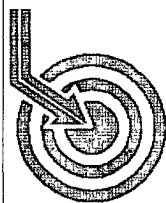
## Survey Report

Company: BURLINGTON RESOURCES  
 Field: San Juan  
 Site: Rio Arriba County, NM  
 Well: San Juan 27-4 #28C  
 Wellpath: DH - Job #33D0409071

Date: 05/04/2009 Time: 10:15:27 Page: 2  
 Co-ordinate(NE) Reference: Site: Rio Arriba County, NM, True North  
 Vertical (TVD) Reference: SITE 0.0  
 Section (VS) Reference: Well (0.00N,0.00E,182.38Azi)  
 Survey Calculation Method: Minimum Curvature Db: Sybase

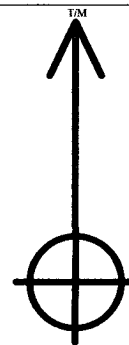
### Survey

| MD<br>ft | Incl<br>deg | Azim<br>deg | TVD<br>ft | VS<br>ft | N/S<br>ft | E/W<br>ft | DLS<br>deg/100ft | ClsD<br>ft | ClsA<br>deg |
|----------|-------------|-------------|-----------|----------|-----------|-----------|------------------|------------|-------------|
| 3272.00  | 30.78       | 181.02      | 2946.44   | 1251.05  | -1250.34  | -43.00    | 1.22             | 1251.08    | 181.97      |
| 3335.00  | 30.80       | 181.65      | 3000.56   | 1283.29  | -1282.58  | -43.75    | 0.51             | 1283.33    | 181.95      |
| 3399.00  | 30.31       | 180.63      | 3055.67   | 1315.82  | -1315.11  | -44.40    | 1.11             | 1315.86    | 181.93      |
| 3461.00  | 29.57       | 181.38      | 3109.40   | 1346.75  | -1346.05  | -44.94    | 1.34             | 1346.80    | 181.91      |
| 3523.00  | 30.46       | 180.88      | 3163.08   | 1377.76  | -1377.06  | -45.55    | 1.49             | 1377.81    | 181.89      |
| 3586.00  | 30.57       | 180.25      | 3217.36   | 1409.73  | -1409.04  | -45.87    | 0.54             | 1409.79    | 181.86      |
| 3648.00  | 30.16       | 179.88      | 3270.85   | 1441.05  | -1440.39  | -45.90    | 0.73             | 1441.12    | 181.83      |
| 3711.00  | 28.59       | 179.56      | 3325.75   | 1471.92  | -1471.29  | -45.76    | 2.50             | 1472.00    | 181.78      |
| 3773.00  | 26.88       | 179.63      | 3380.62   | 1500.74  | -1500.14  | -45.55    | 2.76             | 1500.83    | 181.74      |
| 3836.00  | 26.15       | 180.01      | 3437.00   | 1528.83  | -1528.26  | -45.46    | 1.19             | 1528.94    | 181.70      |
| 3899.00  | 25.72       | 182.32      | 3493.65   | 1556.38  | -1555.81  | -46.02    | 1.74             | 1556.49    | 181.69      |
| 3962.00  | 24.12       | 182.72      | 3550.79   | 1582.92  | -1582.32  | -47.18    | 2.55             | 1583.03    | 181.71      |
| 4025.00  | 23.23       | 185.54      | 3608.49   | 1608.20  | -1607.55  | -48.99    | 2.29             | 1608.30    | 181.75      |
| 4087.00  | 22.11       | 184.22      | 3665.69   | 1632.07  | -1631.36  | -51.03    | 1.98             | 1632.16    | 181.79      |
| 4149.00  | 19.85       | 183.30      | 3723.58   | 1654.26  | -1653.51  | -52.50    | 3.68             | 1654.34    | 181.82      |
| 4213.00  | 16.73       | 181.43      | 3784.34   | 1674.34  | -1673.57  | -53.35    | 4.96             | 1674.42    | 181.83      |
| 4276.00  | 15.26       | 180.86      | 3844.90   | 1691.69  | -1690.92  | -53.70    | 2.35             | 1691.78    | 181.82      |
| 4339.00  | 14.29       | 181.82      | 3905.82   | 1707.76  | -1706.98  | -54.07    | 1.59             | 1707.84    | 181.81      |
| 4403.00  | 12.15       | 182.32      | 3968.12   | 1722.39  | -1721.61  | -54.60    | 3.35             | 1722.48    | 181.82      |
| 4466.00  | 9.46        | 188.28      | 4030.00   | 1734.18  | -1733.36  | -55.61    | 4.62             | 1734.25    | 181.84      |
| 4529.00  | 8.27        | 189.29      | 4092.24   | 1743.82  | -1742.96  | -57.09    | 1.90             | 1743.89    | 181.88      |
| 4592.00  | 7.75        | 190.08      | 4154.63   | 1752.53  | -1751.61  | -58.56    | 0.84             | 1752.59    | 181.91      |
| 4655.00  | 6.43        | 186.59      | 4217.14   | 1760.26  | -1759.30  | -59.71    | 2.20             | 1760.31    | 181.94      |

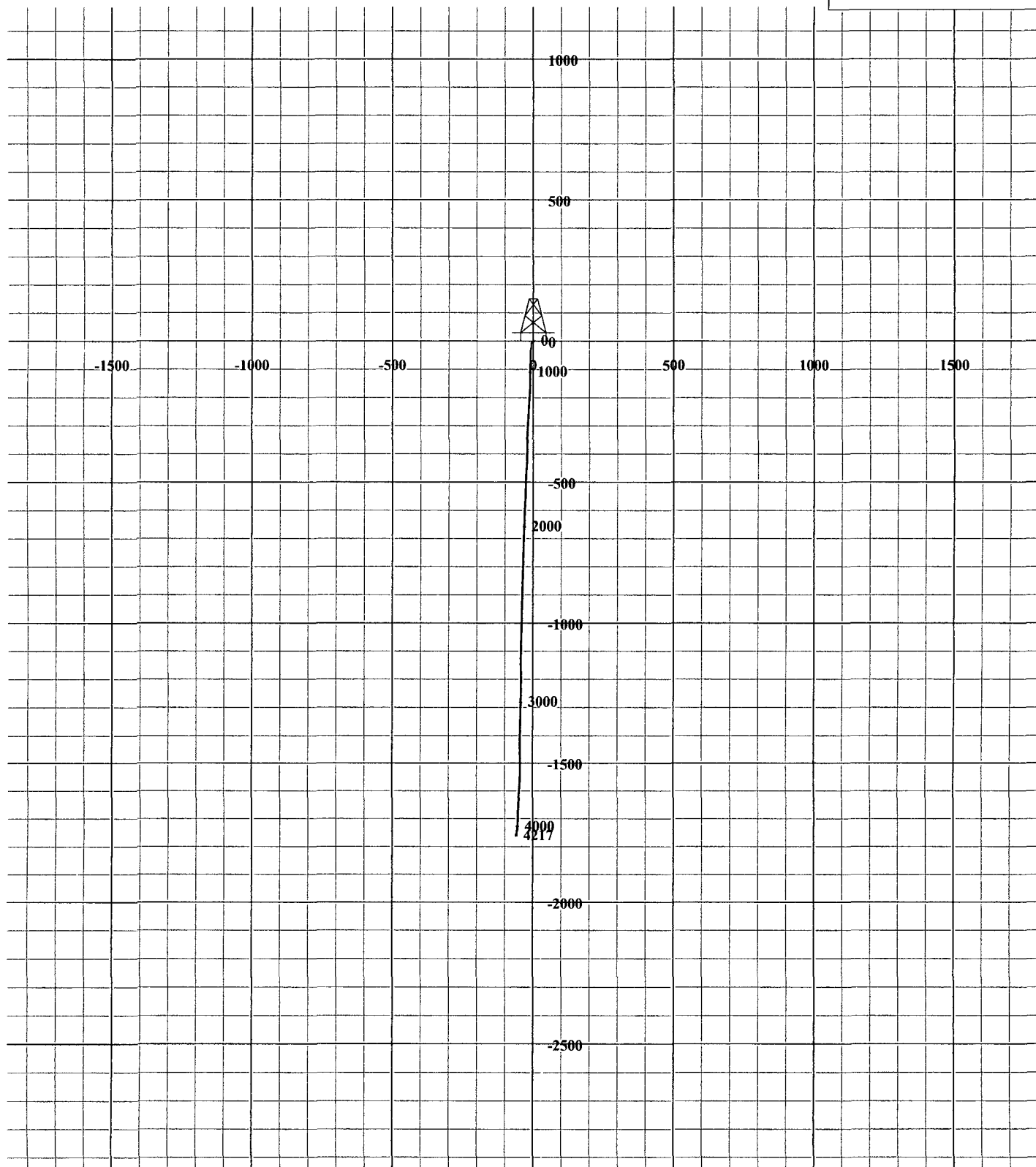


Scientific  
Drilling

Field: San Juan  
Site: Rio Arriba County, NM  
Well: San Juan 27-4 #28C  
Wellpath: DH - Job #33D0409071  
Survey: 04/20/09-04/24/09



Azimuths to True North  
Magnetic North 0.00°  
Magnetic Field  
Strength 0nT  
Dip Angle 0.00°  
Date 03/04/2009  
Model igrf2000



South(-)/North(+) [200ft/in]

West(-)/East(+) [200ft/in]

Burlington Resources Oil & Gas Co., LP

Most Recent Job

Jobs

| Job Category | Primary Job Type   | Secondary Job Type | Actual Start Date | End Date  |
|--------------|--------------------|--------------------|-------------------|-----------|
| COMPLETIONS  | INITIAL COMPLETION | INITIAL COMPLETION | 5/7/2009          | 7/23/2009 |

Well Config: DEVIATED - Original Hole, 7/28/2009 12:16:02 PM

Schematic - Actual

