

**District I**

1625 N. French Dr., Hobbs, NM 88240

**District II**

1301 W. Grand Avenue, Artesia, NM 88210

**District III**

1000 Rio Brazos Rd., Aztec, NM 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

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**RCVD MAY 7 '08**  
☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT****OIL CONS. DIV.**

|                                                |                                                                 |                                                       |                                        |
|------------------------------------------------|-----------------------------------------------------------------|-------------------------------------------------------|----------------------------------------|
| <sup>1</sup> API Number<br><b>30-045-34234</b> | <sup>2</sup> Pool Code<br><b>71629</b>                          | <sup>3</sup> Pool Name<br><b>Basin Fruitland Coal</b> | <b>DIST. 3</b>                         |
| <sup>4</sup> Property Code<br><b>302857</b>    | <sup>5</sup> Property Name<br><b>Redfern</b>                    |                                                       | <sup>6</sup> Well Number<br><b>5</b>   |
| <sup>7</sup> OGRID No.<br><b>241333</b>        | <sup>8</sup> Operator Name<br><b>Chevron Midcontinent, L.P.</b> |                                                       | <sup>9</sup> Elevation<br><b>5330'</b> |

**<sup>10</sup> Surface Location**

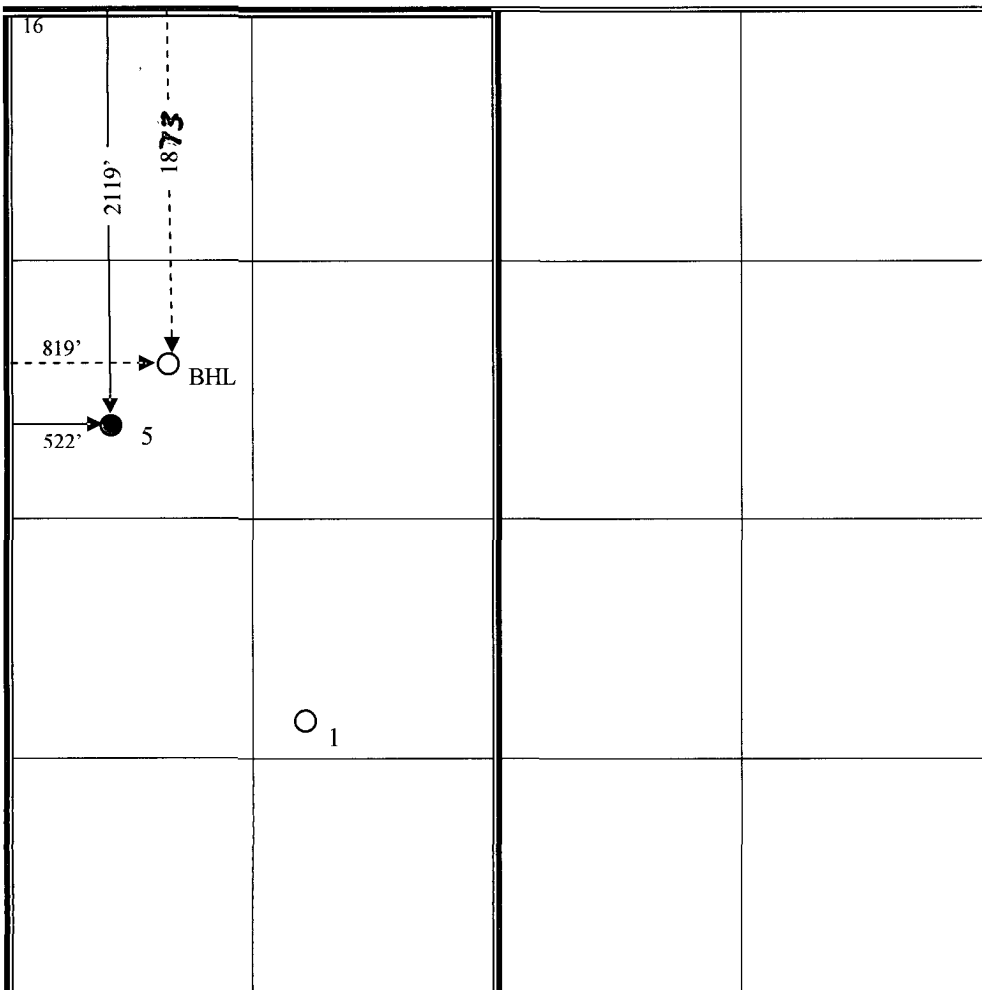
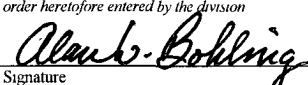
|                           |                      |                         |                      |         |                              |                                  |                             |                               |                           |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|---------------------------|
| UL or lot no.<br><b>E</b> | Section<br><b>14</b> | Township<br><b>29-N</b> | Range<br><b>13-W</b> | Lot Idn | Feet from the<br><b>2119</b> | North/South line<br><b>North</b> | Feet from the<br><b>522</b> | East/West line<br><b>West</b> | County<br><b>San Juan</b> |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|---------------------------|

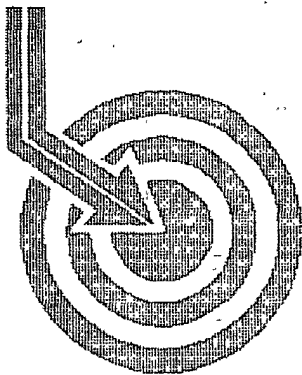
**<sup>11</sup> Bottom Hole Location If Different From Surface**

|                           |                      |                         |                      |         |                              |                                  |                             |                               |                           |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|---------------------------|
| UL or lot no.<br><b>E</b> | Section<br><b>14</b> | Township<br><b>29-N</b> | Range<br><b>13-W</b> | Lot Idn | Feet from the<br><b>1873</b> | North/South line<br><b>North</b> | Feet from the<br><b>819</b> | East/West line<br><b>West</b> | County<br><b>San Juan</b> |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|---------------------------|

|                                                   |                                           |                                  |                         |
|---------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------|
| <sup>12</sup> Dedicated Acres<br><b>320 (W/2)</b> | <sup>13</sup> Joint or Infill<br><b>Y</b> | <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.

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b><sup>17</sup> OPERATOR CERTIFICATION</b><br>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.<br><br> April 28, 2008<br>Signature Date<br><br>Alan W. Bohling - Regulatory Agent<br>Printed Name |
|                                                                                    | <b><sup>18</sup> SURVEYOR CERTIFICATION</b><br>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.<br><br>November 13, 2006<br>Date of Survey<br><br>Signature and Seal of Professional Surveyor<br><br>John A Vukonich<br><br>14831<br>Certificate Number                                                                                                                                                                                                                                                                                                                           |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |



# Scientific Drilling

## CHEVRON

Field: Redfern  
Site: San Juan County, NM  
Well: Redfern #5  
Wellpath: DH - Job #33D0308043  
Survey: 03/16/08-03/20/08

RCUD MAY 7 '08

OIL CONS. DIV.

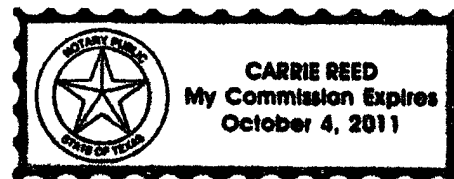
DIST. 3

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

.....*L. Wharton*.....Company Representative

Notorized this date 17th of April, 2008.

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





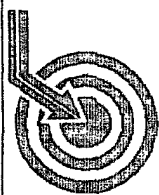
# Scientific Drilling International Survey Report

|                                       |                                   |                                              |                |
|---------------------------------------|-----------------------------------|----------------------------------------------|----------------|
| <b>Company:</b> CHEVRON               | <b>Date:</b> 04/16/2008           | <b>Time:</b> 11:14:26                        | <b>Page:</b> 1 |
| <b>Field:</b> Redfern                 | <b>Co-ordinate(NE) Reference:</b> | <b>Site:</b> San Juan County, NM, Grid North |                |
| <b>Site:</b> San Juan County, NM      | <b>Vertical (TVD) Reference:</b>  | <b>SITE</b> 0.0                              |                |
| <b>Well:</b> Redfern #5               | <b>Section (VS) Reference:</b>    | <b>Well:</b> (0.00N,0.00E,49.84Azi)          |                |
| <b>Wellpath:</b> DH - Job #33D0308043 | <b>Survey Calculation Method:</b> | <b>Minimum Curvature</b> <b>Db:</b> Sybase   |                |

|                                                |                                                    |
|------------------------------------------------|----------------------------------------------------|
| <b>Survey:</b> 03/16/08-03/20/08               | <b>Start Date:</b> 03/16/2008                      |
| <b>E-field</b> 0'-1443'                        |                                                    |
| <b>Company:</b> Scientific Drilling Internatio | <b>Engineer:</b> Lowe/Richey/Stelzer/St Stanley/FI |
| <b>Tool:</b> E-Field;E-Field Steering          | <b>Tied-to:</b> From Surface                       |

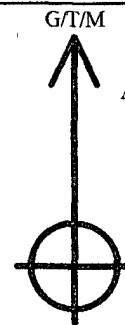
## Survey

| 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        |
| 269.00   | 0.82        | 250.87      | 268.99    | -1.80    | -0.63     | -1.82     | 0.30             | 1.92       | 250.87      |
| 331.00   | 0.24        | 21.73       | 330.99    | -2.10    | -0.66     | -2.19     | 1.60             | 2.29       | 253.33      |
| 393.00   | 2.30        | 52.40       | 392.97    | -0.74    | 0.22      | -1.16     | 3.38             | 1.18       | 280.98      |
| 456.00   | 4.37        | 54.74       | 455.86    | 2.92     | 2.38      | 1.81      | 3.29             | 2.99       | 37.18       |
|          |             |             |           |          |           |           |                  |            |             |
| 516.00   | 6.41        | 53.23       | 515.59    | 8.54     | 5.71      | 6.36      | 3.41             | 8.54       | 48.08       |
| 578.00   | 8.72        | 52.43       | 577.05    | 16.69    | 10.64     | 12.85     | 3.73             | 16.69      | 50.37       |
| 640.00   | 11.16       | 52.43       | 638.11    | 27.38    | 17.17     | 21.34     | 3.94             | 27.39      | 51.18       |
| 701.00   | 13.86       | 51.60       | 697.66    | 40.58    | 25.31     | 31.74     | 4.44             | 40.60      | 51.44       |
| 763.00   | 16.48       | 50.91       | 757.49    | 56.80    | 35.47     | 44.39     | 4.24             | 56.82      | 51.38       |
|          |             |             |           |          |           |           |                  |            |             |
| 825.00   | 19.22       | 48.52       | 816.50    | 75.80    | 47.77     | 58.86     | 4.57             | 75.81      | 50.94       |
| 887.00   | 22.04       | 47.47       | 874.52    | 97.63    | 62.40     | 75.09     | 4.59             | 97.63      | 50.27       |
| 949.00   | 25.32       | 48.19       | 931.30    | 122.51   | 79.11     | 93.55     | 5.31             | 122.51     | 49.78       |
| 1015.00  | 27.38       | 49.12       | 990.43    | 151.80   | 98.45     | 115.54    | 3.18             | 151.80     | 49.57       |
| 1076.00  | 29.51       | 48.54       | 1044.07   | 180.84   | 117.58    | 137.41    | 3.52             | 180.85     | 49.45       |
|          |             |             |           |          |           |           |                  |            |             |
| 1137.00  | 32.67       | 48.83       | 1096.30   | 212.33   | 138.37    | 161.07    | 5.19             | 212.34     | 49.33       |
| 1200.00  | 35.03       | 49.67       | 1148.62   | 247.42   | 161.27    | 187.65    | 3.82             | 247.43     | 49.32       |
| 1261.00  | 33.97       | 52.01       | 1198.89   | 281.96   | 183.09    | 214.43    | 2.78             | 281.97     | 49.51       |
| 1323.00  | 34.42       | 52.57       | 1250.17   | 316.77   | 204.40    | 242.00    | 0.89             | 316.77     | 49.81       |
| 1412.00  | 35.83       | 53.27       | 1322.96   | 367.90   | 235.27    | 282.85    | 1.65             | 367.91     | 50.25       |
|          |             |             |           |          |           |           |                  |            |             |
| 1443.00  | 35.53       | 53.57       | 1348.14   | 385.95   | 246.05    | 297.37    | 1.12             | 385.97     | 50.40       |



**Scientific  
Drilling**

Field: Redfern  
Site: San Juan County, NM  
Well: Redfern #5  
Wellpath: DH - Job #33D0308043  
Survey: 03/16/08-03/20/08



Azimuths to Grid North  
True North: 0.00°  
Magnetic North: 0.00°

Magnetic Field  
Strength: 0nT  
Dip Angle: 0.00°  
Date: 04/16/2008  
Model: igrf2000

