

| Submit To Appropriate District Office<br>State Lease - 6 copies<br>Fee Lease - 5 copies<br>District I<br>1625 N French Dr., Hobbs, NM 88240<br>District II<br>1301 W Grand Avenue, Artesia, NM 88210<br>District III<br>1000 Rio Brazos Rd., Aztec, NM 87410<br>District IV<br>1220 S St Francis Dr., Santa Fe, NM 87505  | <b>State of New Mexico</b><br><b>Energy, Minerals and Natural Resources</b><br><br><b>Oil Conservation Division</b><br><b>1220 South St. Francis Dr.</b><br><b>Santa Fe, NM 87505</b> | <b>Form C-105</b><br>Revised June 10, 2003<br><br>WELL API NO.<br>30-015-36117<br><br>5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/><br><br>State Oil & Gas Lease No. |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
|---|---|--|----------------|-------------------------------|---------------|----------------|------------------|----------------|-------------|----------------|-----|--------|-----------|---------|-------|----|------|--------|----------|----------|-------|----|------|-------|-----------|----------|--|--|--|--|--|--|--|--|--|--|--|--|
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 1a Type of Well.<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____<br><br>b Type of Completion<br>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF.<br>WELL OVER BACK RESVR <input type="checkbox"/> OTHER _____   |   | 7 Lease Name or Unit Agreement Name<br><br><div style="font-size: 2em; float: left; margin-right: 10px;">S</div> Harper State  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 2 Name of Operator<br><br>COG Operating LLC   |   | 8. Well No<br><br>014  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 3 Address of Operator<br><br>550 W. Texas Ave., Suite 1300 Midland, TX 79701  |   | 9 Pool name or Wildcat<br><br>Loco Hills; Glorieta Yeso 96718  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 4 Well Location<br><br>Unit Letter <b>K</b> <b>2160</b> Feet From The <b>South</b> Line and <b>1770</b> Feet From The <b>West</b> Line<br><br>Section <b>16</b> Township <b>17S</b> Range <b>30E</b> NMPM <b>Eddy</b> County  |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 Date Spudded<br>02/25/08   | 11 Date T.D. Reached<br>03/09/08  | 12. Date Compl. (Ready to Prod.)<br>03/26/08   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 Elevations (DF& RKB, RT, GR, etc )<br>3674 GR  |   | 14 Elev Casinghead   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 15. Total Depth<br>6045   | 16 Plug Back T D<br>5908  | 17 If Multiple Compl. How Many Zones?<br>18. Intervals Drilled By<br>Rotary Tools<br>Cable Tools<br>X  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 19 Producing Interval(s), of this completion - Top, Bottom, Name<br>4780 - 5700 Yeso  |   | 20 Was Directional Survey Made<br>No   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 21 Type Electric and Other Logs Run<br>CN / HNGS, Micro CFL / HNGS  |   | 22 Was Well Cored<br>No  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 23. <b>CASING RECORD (Report all strings set in well)</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>CASING SIZE</th> <th>WEIGHT LB / FT</th> <th>DEPTH SET</th> <th>HOLE SIZE</th> <th>CEMENTING RECORD</th> <th>AMOUNT PULLED</th> </tr> </thead> <tbody> <tr> <td>13 3/8</td> <td>48</td> <td>423</td> <td>17 1/2</td> <td>1128 sx C</td> <td>Circ 50</td> </tr> <tr> <td>8 5/8</td> <td>32</td> <td>1224</td> <td>12 1/4</td> <td>800 sx C</td> <td>Circ 275</td> </tr> <tr> <td>5 1/2</td> <td>17</td> <td>6005</td> <td>7-7/8</td> <td>1200 sx C</td> <td>Circ 138</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |   |  | CASING SIZE    | WEIGHT LB / FT                | DEPTH SET     | HOLE SIZE      | CEMENTING RECORD | AMOUNT PULLED  | 13 3/8      | 48             | 423 | 17 1/2 | 1128 sx C | Circ 50 | 8 5/8 | 32 | 1224 | 12 1/4 | 800 sx C | Circ 275 | 5 1/2 | 17 | 6005 | 7-7/8 | 1200 sx C | Circ 138 |  |  |  |  |  |  |  |  |  |  |  |  |
| CASING SIZE   | WEIGHT LB / FT  | DEPTH SET  | HOLE SIZE      | CEMENTING RECORD              | AMOUNT PULLED |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 3/8  | 48  | 423  | 17 1/2         | 1128 sx C                     | Circ 50       |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 8 5/8   | 32  | 1224   | 12 1/4         | 800 sx C                      | Circ 275      |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 5 1/2   | 17  | 6005   | 7-7/8          | 1200 sx C                     | Circ 138      |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 24. <b>LINER RECORD</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>TOP</th> <th>BOTTOM</th> <th>SACKS CEMENT</th> <th>SCREEN</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>  |   |  | SIZE           | TOP                           | BOTTOM        | SACKS CEMENT   | SCREEN           |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| SIZE  | TOP   | BOTTOM   | SACKS CEMENT   | SCREEN                        |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
|   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 25. <b>TUBING RECORD</b> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>SIZE</th> <th>DEPTH SET</th> <th>PACKER SET</th> </tr> </thead> <tbody> <tr> <td>2-7/8</td> <td>4697.71</td> <td> </td> </tr> </tbody> </table>   |   |  | SIZE           | DEPTH SET                     | PACKER SET    | 2-7/8          | 4697.71          |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| SIZE  | DEPTH SET   | PACKER SET   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 2-7/8   | 4697.71   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 26 Perforation record (interval, size, and number)<br>4780 - 4880 - 2 SPF, 36 holes OPEN<br>4960 - 5160 - 1 SPF, 36 holes OPEN<br>5230 - 5430 - 2 SPF, 36 holes OPEN<br>5500 - 5700 - 2 SPF, 48 holes OPEN  |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 27. ACID, SHOT, FRACTURE; CEMENT, SQUEEZE, ETC.<br><table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL</th> <th>AMOUNT AND KIND MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>4780 - 4880</td> <td>See attachment</td> </tr> <tr> <td>4960 - 5160</td> <td>See attachment</td> </tr> <tr> <td>5230 - 5430</td> <td>See attachment</td> </tr> </tbody> </table>   |   |  | DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED | 4780 - 4880   | See attachment | 4960 - 5160      | See attachment | 5230 - 5430 | See attachment |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| DEPTH INTERVAL  | AMOUNT AND KIND MATERIAL USED   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 4780 - 4880   | See attachment  |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 4960 - 5160   | See attachment  |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 5230 - 5430   | See attachment  |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 28 <b>PRODUCTION</b> 5500 - 5700 See attachment   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Date First Production<br><b>03/30/08</b>  |   | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>2-1/2 x 2 x 20' RHTC pump   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Well Status (Prod or Shut-in)<br>Producing  |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Date of Test<br>04/03/08  | Hours Tested<br>24  | Choke Size   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Prod'n For Test Period  | Oil - Bbl<br>57   | Gas - MCF<br>140   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Water - Bbl<br>399  | Gas - Oil Ratio<br>2456   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Flow Tubing Press   | Casing Pressure   | Calculated 24-Hour Rate  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Oil - Bbl   | Gas - MCF   | Water - Bbl  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Oil Gravity - API - (Corr)<br><b>37.7</b>   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 29 Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold   |   | Test Witnessed By<br>Kent Greenway   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 List Attachments<br>Logs, C103, Deviation Report, C104   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| 31 I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief   |   |  |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |
| Signature<br>E-mail Address kcarrillo@conchoresources.com   |   | Printed Name Kanicia Carrillo<br>Title Regulatory Analyst<br>Date 04/08/08   |                |                               |               |                |                  |                |             |                |     |        |           |         |       |    |      |        |          |          |       |    |      |       |           |          |  |  |  |  |  |  |  |  |  |  |  |  |

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico   |                     | Northwestern New Mexico |                  |
|---------------------------|---------------------|-------------------------|------------------|
| T. Anhy                   | T. Canyon           | T. Ojo Alamo            | T. Penn. "B"     |
| T. Salt                   | T. Strawn           | T. Kirtland-Fruitland   | T. Penn. "C"     |
| B. Salt                   | T. Atoka            | T. Pictured Cliffs      | T. Penn. "D"     |
| T. Yates <b>1185</b>      | T. Miss             | T. Cliff House          | T. Leadville     |
| T. 7 Rivers <b>1485</b>   | T. Devonian         | T. Menefee              | T. Madison       |
| T. Queen <b>2085</b>      | T. Silurian         | T. Point Lookout        | T. Elbert        |
| T. Grayburg               | T. Montoya          | T. Mancos               | T. McCracken     |
| T. San Andres <b>2790</b> | T. Simpson          | T. Gallup               | T. Ignacio Otzte |
| T. Glorieta               | T. McKee            | Base Greenhorn          | T. Granite       |
| T. Paddock                | T. Ellenburger      | T. Dakota               | T.               |
| T. Blinebry               | T. Gr. Wash         | T. Morrison             | T.               |
| T. Tubb <b>5790</b>       | T. Delaware Sand    | T. Todilto              | T.               |
| T. Drinkard               | T. Bone Spring      | T. Entrada              | T.               |
| T. Abo                    | T. Morrow           | T. Wingate              | T.               |
| T. Wolfcamp               | T. Yeso <b>4320</b> | T. Chinle               | T.               |
| T. Penn                   | T.                  | T. Permian              | T.               |
| T. Cisco (Bough C)        | T.                  | T. Penn "A"             | T.               |

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....

No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

**HARPER STATE #14**  
**API#: 30-015-36117**  
**EDDY, NM**

**C-105 (#27) ADDITIONAL INFORMATION**

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED               |
| 4780 - 4880                                     | Acidize w/ 4,500 gals 15% HCL acid.         |
|   | Frac w/ 42,714 gals gel, 12,719# SiberProp, |
|   | 37,536# 16/30 sand.                         |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED               |
| 4960 - 5160                                     | Acidize w/ 5,000 gals 15% HCL acid.         |
|   | Frac w/ 68,061 gals gel, 22,260# SiberProp, |
|   | 66,835# 16/30 sand.                         |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED               |
| 5230 - 5430                                     | Acidize w/ 5,000 gals 15% HCL acid.         |
|   | Frac w/ 68,056 gals gel, 21,442# SiberProp, |
|   | 66,836# 16/30 sand.                         |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |
|---|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED              |
| 5500 - 5700                                     | Acidize w/ 5,000 gals 15% HCL acid.        |
|   | Frac w/ 57,426 gals gel, 19,661# SiberProp |
|   | 69,588# 16/30 sand.                        |

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Ave., 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 and Natural Resources**

**Oil Conservation Division**

**1220 S. St Francis Dr.**

**Santa Fe, NM 87505**

Form C-102  
 Permit 67863

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                               |                                       |   |
|-------------------------------|---------------------------------------|---|
| 1. API Number<br>30-015-36117 | 2. Pool Code<br>96718                 | 3. Pool Name<br>LOCO HILLS; GLORIETA-YESO |
| 4. Property Code<br>302502    | 5. Property Name<br>HARPER STATE      | 6. Well No.<br>014                        |
| 7. OGRID No.<br>229137        | 8. Operator Name<br>COG OPERATING LLC | 9. Elevation<br>3674                      |

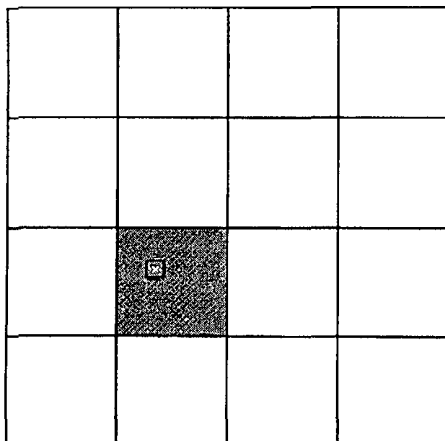
**10. Surface Location**

|               |               |                 |              |         |                   |               |                   |               |                |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|-------------------|---------------|----------------|
| UL - Lot<br>K | Section<br>16 | Township<br>17S | Range<br>30E | Lot Idn | Feet From<br>2160 | N/S Line<br>S | Feet From<br>1770 | E/W Line<br>W | County<br>EDDY |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|-------------------|---------------|----------------|

**11. Bottom Hole Location If Different From Surface**

|                              |                     |                        |               |         |           |          |           |          |        |
|------------------------------|---------------------|------------------------|---------------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot                     | Section             | Township               | Range         | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| 12. Dedicated Acres<br>40.00 | 13. Joint or Infill | 14. Consolidation Code | 15. 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**



**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(s) 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.*

E-Signed By: Diane Kuykendall

Title: Regulatory Analyst

Date: 2/11/2008

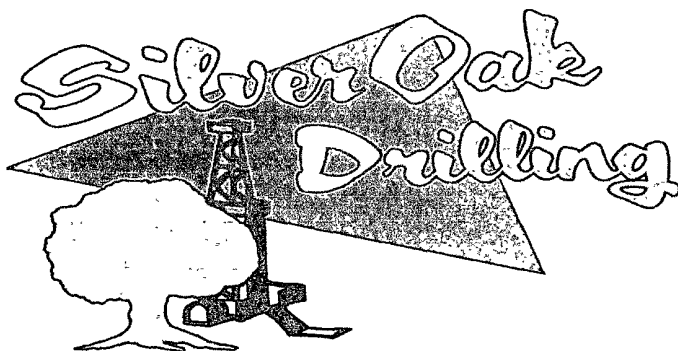
**SURVEYOR CERTIFICATION**

*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.*

Surveyed By: Ronald Eidson

Date of Survey: 2/2/2008

Certificate Number: 3239



PO Box 1370  
Artesia, NM 88211-1370  
(575) 748-1288

March 20, 2008

COG, LLC  
Fasken Center, Tower II  
550 West Texas Ave, Suite 1300  
Midland, TX 79701

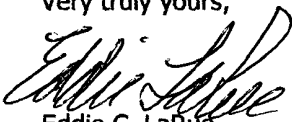
RE: Harper State #14  
2160' FSL & 1770' FWL  
Sec. 16, T17S, R30E  
Eddy County, New Mexico

Dear Sir,

The following is the Deviation Survey for the above captioned well.

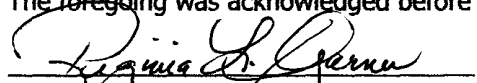
| <u>DEPTH</u> | <u>DEVIATION</u> | <u>DEPTH</u> | <u>DEVIATION</u> |
|--------------|------------------|--------------|------------------|
| 506.00       | 1.00             | 3349.00      | 0.50             |
| 749.00       | 1.00             | 3635.00      | 0.50             |
| 998.00       | 0.50             | 3921.00      | 1.00             |
| 1220.00      | 1.00             | 4237.00      | 1.00             |
| 1474.00      | 0.75             | 4620.00      | 1.00             |
| 1758.00      | 0.25             | 4936.00      | 0.25             |
| 2110.00      | 0.50             | 4936.00      | 0.25             |
| 2396.00      | 0.75             | 5256.00      | 0.75             |
| 2682.00      | 0.50             | 5572.00      | 1.00             |
| 3031.00      | 0.75             |              |                  |

Very truly yours,

  
Eddie C. LaRue  
Operations Manager

State of New Mexico }  
County of Eddy }

The foregoing was acknowledged before me this 20<sup>th</sup> day of March, 2008.

  
Notary Public

