

Submit to appropriate District Office  
 Five Copies  
 District I  
 1625 N French Dr, Hobbs, NM 88240  
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 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 and Natural Resources

Form C-105  
 June 19, 2008

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO.  
**30-015-37524**

5. Indicate Type of Lease  
 STATE  FEE

State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|   |                                       |  |   |
|---|---------------------------------------|--|---|
| 1a Type of Well.<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____   |                                       | 7 Lease Name or Unit Agreement Name<br><br><b>KOOL AID STATE</b> |   |
| b. Type of Completion.<br>NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. WELL OVER <input type="checkbox"/> BACK RESVR. <input type="checkbox"/> OTHER |                                       | 8. Well No.<br><b>023</b>  |   |
| 2 Name of Operator<br><b>COG Operating LLC</b>  |                                       | 9 Pool name or Wildcat<br><b>Empire; Glorieta-Yeso 96210</b>     |   |
| 3 Address of Operator<br><b>550 W. Texas Ave., Suite 100 Midland, TX 79701</b>  |                                       |  |   |
| 4 Well Location<br>Unit Letter <b>C</b> <b>990</b> Feet From The <b>North</b> Line and <b>2310</b> Feet From The <b>West</b> Line<br>Section <b>24</b> Township <b>17S</b> Range <b>28E</b> NMPM County <b>Eddy</b>                               |                                       |  |   |
| 10 Date Spudded<br><b>5/19/11</b>   | 11 Date T D Reached<br><b>5/25/11</b> | 12 Date Rig Released<br><b>5/26/11</b>                           | 13. Date Completed (Ready to Produce)<br><b>6/14/11</b> |
| 14. Elevations (DF and RKB, RT, GR, etc ) <b>3720' GR</b>   |                                       |  |   |
| 15 Total Measured Depth of Well<br><b>5412</b>  |                                       | 16 Plug Back Measured Depth<br><b>5366</b>                       | 17 If Multiple Compl How Many Zones?                    |
| 18 Producing Interval(s), of this completion – Top, Bottom, Name<br><b>3820 – 5140 Yeso</b>   |                                       |  | 19 Was Directional Survey Made<br><b>NO</b>             |
| 20 Type Electric and Other Logs Run<br><b>CN / HNGS, Micro CFL / HNGS</b>   |                                       |  | 21 Was Well Cored<br><b>NO</b>                          |

22. **CASING RECORD** (Report all strings set in well)

| CASING SIZE   | WEIGHT LB /FT | DEPTH SET   | HOLE SIZE     | CEMENTING RECORD | AMOUNT PULLED |
|---------------|---------------|-------------|---------------|------------------|---------------|
| <b>13-3/8</b> | <b>48</b>     | <b>288</b>  | <b>17-1/2</b> | <b>300</b>       |               |
| <b>8 5/8</b>  | <b>24</b>     | <b>910</b>  | <b>11</b>     | <b>400</b>       |               |
| <b>5 1/2</b>  | <b>17</b>     | <b>5408</b> | <b>7 7/8</b>  | <b>950</b>       |               |

**RECEIVED**  
**JUL 18 2011**  
**NMOCD ARTESIA**

| 23. LINER RECORD |     |        |              | 24. TUBING RECORD |              |             |            |
|------------------|-----|--------|--------------|-------------------|--------------|-------------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE         | DEPTH SET   | PACKER SET |
|                  |     |        |              |                   | <b>2-7/8</b> | <b>4895</b> |            |

|  |               |                 |   |                    |                               |
|--|---------------|-----------------|---|--------------------|-------------------------------|
| 25 Perforation record (interval, size, and number) |               |                 | 26. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                    |                               |
| <b>3820 - 4070</b>                                 | <b>1 SPF,</b> | <b>26 holes</b> | <b>OPEN</b>                                     | DEPTH INTERVAL     | AMOUNT AND KIND MATERIAL USED |
| <b>4220 - 4770</b>                                 | <b>1 SPF,</b> | <b>26 holes</b> | <b>OPEN</b>                                     | <b>3820 - 4070</b> | <b>See attachment</b>         |
| <b>4579 - 4820</b>                                 | <b>1 SPF,</b> | <b>26 holes</b> | <b>OPEN</b>                                     | <b>4220 - 4770</b> | <b>See attachment</b>         |
| <b>4910 - 5140</b>                                 | <b>1 SPF,</b> | <b>26 holes</b> | <b>OPEN</b>                                     | <b>4579 - 4820</b> | <b>See attachment</b>         |
|  |               |                 |   | <b>4910 - 5140</b> | <b>See attachment</b>         |

27 **PRODUCTION**

|   |   |  |                        |                         |                        |  |                 |
|---|---|--|------------------------|-------------------------|------------------------|--|-----------------|
| Date First Production<br><b>6/28/11</b> | Production Method ( <i>Flowing, gas lift, pumping – Size and type pump</i> )<br><b>2-1/2"x2"x24' Pump</b> | Well Status ( <i>Prod Or Shut-in</i> )<br><b>Producing</b> |                        |                         |                        |  |                 |
| Date of Test<br><b>6/30/11</b>          | Hours Tested<br><b>24</b>   | Choke Size   | Prod'n For Test Period | Oil - Bbl<br><b>110</b> | Gas - MCF<br><b>78</b> | Water - Bbl<br><b>585</b>                          | Gas - Oil Ratio |
| Flow Tubing Press                       | Casing Pressure   | Calculated 24-Hour Rate                                    | Oil - Bbl              | Gas - MCF               | Water - Bbl            | Oil Gravity - API - ( <i>Corr</i> )<br><b>39.9</b> |                 |

28 Disposition of Gas (*Sold, used for fuel, vented, etc.*)  
**SOLD** Test Witnessed By **Kent Greenway**


29 List Attachments  
**Logs, C102, C103, Deviation Report, C104**

30. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

31 If an on-site burial was used at the well, report the exact location of the on-site burial.

Latitude Longitude NAD 1927 1983

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature  Printed Name **Chasity Jackson** Title **Regulatory Analyst** Date **7/11/11**  
 E-mail Address **cjackson@conchoresources.com**



**KOOL AID STATE # 23**  
**API#: 30-015-37524**  
**EDDY, NM**

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

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |
|---|---|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                   |
| 3820 - 4070                                     | Acidize w/ 3,000 gals acid                      |
|   | Frac w/95,268 gals gel, 14,193# 16/30 Siberprop |
|   | 108,051# 16/30 Ottawa sand.                     |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |
|---|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                    |
| 4220 - 4470                                     | Acidize w/ 2,500 gals acid.                      |
|   | Frac w/116,202 gals gel, 30,730# 16/30 Siberprop |
|   | 147,592# 16/30 Ottawa sand.                      |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |
|---|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                    |
| 4579 - 4820                                     | Acidize w/ 2,500 gals acid.                      |
|   | Frac w/115,857 gals gel, 31,948# 16/30 Siberprop |
|   | 148,455# 16/30 Ottawa sand.                      |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |  |
|---|--|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                    |
| 4910 - 5140                                     | Acidize w/ 2,500 gals acid.                      |
|   | Frac w/117,085 gals gel, 32,428# 16/30 Siberprop |
|   | 150,612# 16/30 Ottawa sand.                      |