

|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| 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                                                          |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | WELL API NO. 30-015-37868                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | 5. Indicate Type of Lease<br>STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | 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>Choctaw State                                            |
| 2 Name of Operator<br>COG Operating LLC                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                       | 8 Well No<br>005                                                                                    |
| 3 Address of Operator<br>550 W. Texas Ave., Suite 100 Midland, TX 79701                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                       | 9. Pool name or Wildcat<br>Fern; Glorieta-Yeso 26770 <i>KZ</i>                                      |
| 4 Well Location<br><br>Unit Letter <u>A</u> <u>890</u> Feet From The <u>North</u> Line and <u>990</u> Feet From The <u>East</u> Line<br>Section <u>16</u> Township <u>17S</u> Range <u>31E</u> NMPM <u>Eddy</u> County                                                                                                                                                      |                                                                                                                                                                                       |                                                                                                     |
| 10 Date Spudded<br>4/19/11                                                                                                                                                                                                                                                                                                                                                  | 11 Date T D Reached<br>4/26/11                                                                                                                                                        | 12. Date Compl (Ready to Prod )<br>5/23/11                                                          |
| 13 Elevations (DF& RKB, RT, GR, etc )<br>3863 GR                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                       | 14 Elev Casinghead                                                                                  |
| 15 Total Depth<br>6730                                                                                                                                                                                                                                                                                                                                                      | 16 Plug Back T D<br>6660                                                                                                                                                              | 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>5055 - 6350 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>                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                       |                                                                                                     |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                                 | WEIGHT LB /FT                                                                                                                                                                         | DEPTH SET                                                                                           |
| 13 3/8                                                                                                                                                                                                                                                                                                                                                                      | 48                                                                                                                                                                                    | 475                                                                                                 |
| 8 5/8                                                                                                                                                                                                                                                                                                                                                                       | 32                                                                                                                                                                                    | 1934                                                                                                |
| 5 1/2                                                                                                                                                                                                                                                                                                                                                                       | 17                                                                                                                                                                                    | 6717                                                                                                |
| 24. <b>LINER RECORD</b>                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                       | 25. <b>TUBING RECORD</b>                                                                            |
| SIZE                                                                                                                                                                                                                                                                                                                                                                        | TOP                                                                                                                                                                                   | BOTTOM                                                                                              |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       |                                                                                                     |
| SACKS CEMENT                                                                                                                                                                                                                                                                                                                                                                | SCREEN                                                                                                                                                                                | SIZE                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | 2 7/8"                                                                                              |
| 26 Perforation record (interval, size, and number)                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                       | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.                                                     |
| 5055 - 5205                                                                                                                                                                                                                                                                                                                                                                 | 1 SPF, 26 holes OPEN                                                                                                                                                                  | DEPTH INTERVAL                                                                                      |
| 5610 - 5810                                                                                                                                                                                                                                                                                                                                                                 | 1 SPF, 26 holes OPEN                                                                                                                                                                  | AMOUNT AND KIND MATERIAL USED                                                                       |
| 5880 - 6080                                                                                                                                                                                                                                                                                                                                                                 | 1 SPF, 26 holes OPEN                                                                                                                                                                  | 5055 - 5174 See attachment                                                                          |
| 6150 - 6350                                                                                                                                                                                                                                                                                                                                                                 | 1 SPF, 26 holes OPEN                                                                                                                                                                  | 5610 - 5810 See attachment                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | 5880 - 6080 See attachment                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                       | 6150 - 6350 See attachment                                                                          |
| <b>28 PRODUCTION</b>                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                       |                                                                                                     |
| Date First Production<br>5/23/11                                                                                                                                                                                                                                                                                                                                            | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping using a 2 1/2" x 2" x 24' pump                                                                         | Well Status (Prod or Shut-in)<br>Producing                                                          |
| Date of Test<br>6/3/11                                                                                                                                                                                                                                                                                                                                                      | Hours Tested<br>24                                                                                                                                                                    | Choke Size                                                                                          |
| Prod'n For Test Period                                                                                                                                                                                                                                                                                                                                                      | Oil - Bbl<br>51                                                                                                                                                                       | Gas - MCF<br>120                                                                                    |
| Water - Bbl<br>495                                                                                                                                                                                                                                                                                                                                                          | Gas - Oil Ratio                                                                                                                                                                       |                                                                                                     |
| Flow Tubing Press                                                                                                                                                                                                                                                                                                                                                           | Casing Pressure                                                                                                                                                                       | Calculated 24-Hour Rate                                                                             |
| Oil - Bbl                                                                                                                                                                                                                                                                                                                                                                   | Gas - MCF                                                                                                                                                                             | Water - Bbl                                                                                         |
| Oil Gravity - API - (Corr )<br>34.3                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                       |                                                                                                     |
| 29 Disposition of Gas (Sold, used for fuel, vented, etc.)<br>Sold                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                       | Test Witnessed By<br>Mark Brewer                                                                    |
| 30 List Attachments<br>Logs, C102, C103, 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><i>C. Jackson</i>                                                                                                                                                                                                                                                                                                                                              | Printed Name<br>Chasity Jackson                                                                                                                                                       | Title<br>Regulatory Analyst                                                                         |
| E-mail Address<br>cjackson@conchoresources.com                                                                                                                                                                                                                                                                                                                              | Date<br>6/23/11                                                                                                                                                                       |                                                                                                     |

## 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 <u>1775</u>      | T. Miss                    | T. Cliff House          | T. Leadville     |
| T. 7 Rivers               | T. Devonian                | T. Menefee              | T. Madison       |
| T. Queen <u>2705</u>      | T. Silurian                | T. Point Lookout        | T. Elbert        |
| T. Grayburg               | T. Montoya                 | T. Mancos               | T. McCracken     |
| T. San Andres <u>3447</u> | T. Simpson                 | T. Gallup               | T. Ignacio Otzte |
| T. Glorieta <u>4963</u>   | T. McKee                   | Base Greenhorn          | T. Granite       |
| T. Paddock                | T. Ellenburger             | T. Dakota               | T.               |
| T. Blinebry               | T. Gr. Wash                | T. Morrison             | T.               |
| T. Tubb <u>6457</u>       | T. Delaware Sand           | T. Todilto              | T.               |
| T. Drinkard               | T. Bone Spring             | T. Entrada              | T.               |
| T. Abo                    | T. <u>Morrow</u>           | T. Wingate              | T.               |
| T. Wolfcamp               | T. <u>Yeso</u> <u>5015</u> | 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.

Lo. 1, from.....to.....feet.....  
 Lo. 2, from.....to.....feet.....  
 Lo. 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

**Choctaw State #5**  
**API#: 30-015-37868**  
**EDDY, NM**

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

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                                |
|-------------------------------------------------|------------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                  |
| 5055 - 5205                                     | Acidize w/ 3,276 gals acid.                    |
|                                                 | Frac w/ 116,192 gals gel, 130,495# 16/30 White |
|                                                 | 7,739# 16/30 Siberprop sand.                   |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                                |
|-------------------------------------------------|------------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                  |
| 5610 - 5810                                     | Acidize w/ 3,500 gals acid.                    |
|                                                 | Frac w/ 135,278 gals gel, 165,452# 16/30 White |
|                                                 | 37,097 16/30 Siberprop sand.                   |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                                |
|-------------------------------------------------|------------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                  |
| 5880 - 6080                                     | Acidize w/ 3,500 gals acid.                    |
|                                                 | Frac w/ 137,532 gals gel, 164,161# 16/30 White |
|                                                 | 38,950# 16/30 Siberprop sand.                  |

| 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                              |
|-------------------------------------------------|----------------------------------------------|
| DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                |
| 6150 - 6350                                     | Acidize w/ 3,500 gals acid.                  |
|                                                 | Frac w/ 91,441 gals gel, 83,428# 16/40 White |
|                                                 | 9,087# 16/30 Siberprop sand.                 |