

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
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 and Natural Resources

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

Form C-105  
Revised June 10, 2003

WELL API NO.

30-015-34872

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

b. Type of Completion:

NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF.  
WELL OVER BACK RESVR. ☐ OTHER ☐

2. Name of Operator

COG Operating LLC

3. Address of Operator

550 W. Texas Ave., Suite 1300 Midland, TX 79701

4. Well Location

Unit Letter **J** : **1650** Feet From The **South** Line and **2310** Feet From The **East** Line

Section **16** Township **17S** Range **30E** NMPM **Eddy** County

10. Date Spudded

11. Date T.D. Reached

12. Date Compl. (Ready to Prod.)

13. Elevations (DF& RKB, RT, GR, etc.)

14. Elev. Casinghead

12/26/06

1/8/07

2-6-07

3677' GR

15. Total Depth

16. Plug Back T.D.

17. If Multiple Compl. How Many Zones?

18. Intervals Drilled By

Rotary Tools

Cable Tools

5955

5931

X

19. Producing Interval(s), of this completion - Top, Bottom, Name

4783.5' - 5762.5' Yeso

20. Was Directional Survey Made

No

21. Type Electric and Other Logs Run

CN / HNGS, Micro CFL / HNGS

22. Was Well Cored

No

23.

CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 13 3/8      | 48             | 415       | 17 1/2    | 500 sx           |               |
| 8 5/8       | 24             | 1,391     | 12 1/4    | 700 sx           |               |
| 5 1/2       | 17             | 5,932     | 7-7/8     | 1585 sx          |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

24. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE  | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|-------|-----------|------------|
|      |     |        |              |        | 2-7/8 | 5,790     |            |
|      |     |        |              |        |       |           |            |

25. TUBING RECORD

26. Perforation record (interval, size, and number)

4,783.5' - 5,003' 2 SPF, 60 holes OPEN  
5,092' - 5,431' 2 SPF, 78 holes OPEN  
5,587' - 5,762.5' 2 SPF, 50 holes OPEN

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| 4783.5 - 5003  | See attachment                |
| 5092 - 5431    | See attachment                |
| 5587 - 5762.5  | See attachment                |

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PRODUCTION

|                       |                 |   |                        |           |                                |                             |                 |
|-----------------------|-----------------|---|------------------------|-----------|--------------------------------|-----------------------------|-----------------|
| Date First Production |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |           | Well Status (Prod. or Shut-in) |                             |                 |
| 2-8-07                |                 | 2-1/2 x 2 x 24' pump  |                        |           | Producing                      |                             |                 |
| Date of Test          | Hours Tested    | Choke Size  | Prod'n For Test Period | Oil - Bbl | Gas - MCF                      | Water - Bbl.                | Gas - Oil Ratio |
| 2-8-07                | 24              |   |                        | 240       | 235                            | 327                         | 979             |
| Flow Tubing Press.    | Casing Pressure | Calculated 24-Hour Rate   | Oil - Bbl.             | Gas - MCF | Water - Bbl.                   | Oil Gravity - API - (Corr.) |                 |
|                       |                 |   |                        |           |                                | 39.6                        |                 |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

Test Witnessed By

Mark Brewer

30. List Attachments

Logs, C102, 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 *Phyllis Edwards* Printed Name Phyllis Edwards Title Regulatory Analyst Date 2/20/07  
E-mail Address pedwards@conchoresources.com

# 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                  | T. Miss          | T. Cliff House          | T. Leadville     |
| T. 7 Rivers               | T. Devonian      | T. Menefee              | T. Madison       |
| T. Queen <b>2090</b>      | T. Silurian      | T. Point Lookout        | T. Elbert        |
| T. Grayburg <b>2496</b>   | T. Montoya       | T. Mancos               | T. McCracken     |
| T. San Andres <b>2811</b> | T. Simpson       | T. Gallup               | T. Ignacio Otzte |
| T. Glorieta <b>4274</b>   | T. McKee         | Base Greenhorn          | T. Granite       |
| T. Paddock <b>4349</b>    | T. Ellenburger   | T. Dakota               | T.               |
| T. Blinbry                | T. Gr. Wash      | T. Morrison             | T.               |
| T. Tubb                   | 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.               | 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

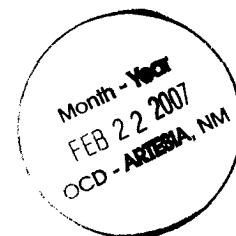
| From | To | Thickness<br>In Feet | Lithology |
|------|----|----------------------|-----------|
|      |    |                      |           |

District I  
1525 N. French Dr., Hobbs, NM 88240  
Phone:(505) 393-6161 Fax:(505) 393-0720  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
Phone:(505) 748-1283 Fax:(505) 748-9720  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
District IV  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-102  
Permit 30347

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



WELL LOCATION AND ACREAGE DEDICATION PLAT

|                               |                                       |                                     |
|-------------------------------|---------------------------------------|-------------------------------------|
| 1. API Number<br>30-015-34872 | 2. Pool Code<br>96718                 | 3. Pool Name<br>LOCO HILLS; PADDOCK |
| 4. Property Code<br>302507    | 5. Property Name<br>IMPERIAL STATE    | 6. Well No.<br>006                  |
| 7. OGRID No.<br>229137        | 8. Operator Name<br>COG OPERATING LLC | 9. Elevation<br>3677                |

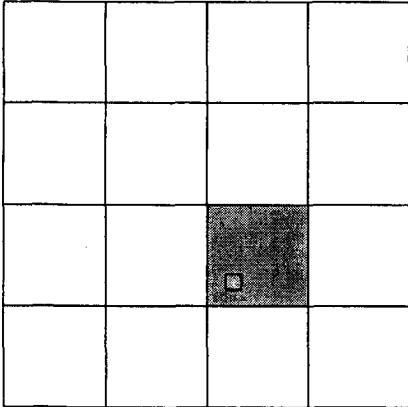
10. Surface Location

|               |               |                 |              |         |                   |               |                   |               |                |
|---------------|---------------|-----------------|--------------|---------|-------------------|---------------|-------------------|---------------|----------------|
| UL - Lot<br>J | Section<br>16 | Township<br>17S | Range<br>30E | Lot Idn | Feet From<br>1650 | N/S Line<br>S | Feet From<br>2310 | E/W Line<br>E | 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

|  |  |
|--|--|
|  | <p><b>OPERATOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>E-Signed By: Diane Kuykendall<br/>Title: Regulatory Analyst<br/>Date: 5/17/2006</p> |
|  | <p><b>SURVEYOR CERTIFICATION</b></p> <p><i>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.</i></p> <p>Surveyed By: Gary Eidson<br/>Date of Survey: 5/16/2006<br/>Certificate Number: 12641</p>   |