

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., 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

Form C-104  
Revised August 1, 2011

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

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT**

|  |   |   |
|--|---|---|
| <sup>1</sup> Operator name and Address<br><b>COG Operating LLC</b><br>One Concho Center<br>600 West Illinois Ave.<br>Midland, TX 79701 |   | <sup>2</sup> OGRID Number<br>229137   |
|  |   | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW Effective 10/3/14 |
| <sup>4</sup> API Number<br>30 - 015 - 42501  | <sup>5</sup> Pool Name<br>North Seven Rivers; Glorieta-Yeso | <sup>6</sup> Pool Code<br>97565   |
| <sup>7</sup> Property Code<br>308751   | <sup>8</sup> Property Name<br>Noose Federal Com             | <sup>9</sup> Well Number<br>11H   |

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

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P             | 35      | 17S      | 25E   |         | 150           | South            | 1130          | East           | Eddy   |

**<sup>11</sup> Bottom Hole Location**

| UL or lot no.               | Section                                     | Township  | Range                             | Lot Idn                            | Feet from the                       | North/South line | Feet from the | East/West line | County |
|-----------------------------|---|---|-----------------------------------|------------------------------------|-------------------------------------|------------------|---------------|----------------|--------|
| A                           | 35  | 17S   | 25E                               |                                    | 324                                 | North            | 1142          | East           | Eddy   |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>P | <sup>14</sup> Gas Connection<br>Date<br>10/3/14 | <sup>15</sup> C-129 Permit Number | <sup>16</sup> C-129 Effective Date | <sup>17</sup> C-129 Expiration Date |                  |               |                |        |

**III. Oil and Gas Transporters**

| <sup>18</sup> Transporter<br>OGRID | <sup>19</sup> Transporter Name<br>and Address  | <sup>20</sup> O/G/W |
|------------------------------------|--|---------------------|
| 278421                             | HollyFrontier Refining & Marketing LLC   | O                   |
| 36785                              | dep Midstream<br><b>NM OIL CONSERVATION</b><br>ARTESIA DISTRICT<br>NOV 10 2014<br>RECEIVED | G                   |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |
|                                    |  |                     |

**IV. Well Completion Data**

|                                   |                                     |                                    |                            |   |                       |
|-----------------------------------|-------------------------------------|------------------------------------|----------------------------|---|-----------------------|
| <sup>21</sup> Spud Date<br>8/4/14 | <sup>22</sup> Ready Date<br>10/3/14 | <sup>23</sup> TD<br>7568MD 2958TVD | <sup>24</sup> PBTD<br>7500 | <sup>25</sup> Perforations<br>3251 - 7489 | <sup>26</sup> DHC, MC |
| <sup>27</sup> Hole Size           | <sup>28</sup> Casing & Tubing Size  | <sup>29</sup> Depth Set            | <sup>30</sup> Sacks Cement |   |                       |
| 11                                | 8-5/8                               | 1233                               | 1125sx                     |   |                       |
| 7-7/8                             | 5-1/2                               | 7568                               | 1100sx                     |   |                       |
|                                   | 2-7/8 tbg                           | 2514                               |                            |   |                       |
|                                   |                                     |                                    |                            |   |                       |

**V. Well Test Data**

|                                       |   |                                     |                                    |                                   |                                   |
|---------------------------------------|---|-------------------------------------|------------------------------------|-----------------------------------|-----------------------------------|
| <sup>31</sup> Date New Oil<br>10/9/14 | <sup>32</sup> Gas Delivery Date<br>10/10/14 | <sup>33</sup> Test Date<br>10/11/14 | <sup>34</sup> Test Length<br>24hrs | <sup>35</sup> Tbg. Pressure<br>70 | <sup>36</sup> Csg. Pressure<br>70 |
| <sup>37</sup> Choke Size              | <sup>38</sup> Oil<br>587                    | <sup>39</sup> Water<br>513          | <sup>40</sup> Gas<br>125           | <sup>41</sup> Test Method<br>P    |                                   |

<sup>42</sup> I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.  
Signature:

*C. Jackson*

Printed name: Chasity Jackson

Title: Regulatory Analyst

E-mail Address: cjackson@concho.com

Date: 10/29/14 Phone: 432-686-3087

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

*Dist. IP Supv*

Approval Date:

*12/16/14*

Pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

|  |   |   |
|--|---|---|
| 1. Type of Well<br><input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other |   | 5. Lease Serial No.<br>NMNM111946                               |
| 2. Name of Operator<br>COG OPERATING LLC   |   | 6. If Indian, Allottee or Tribe Name                            |
| Contact: CHASITY JACKSON<br>E-Mail: cjackson@concho.com  |   | 7. If Unit or CA/Agreement, Name and/or No.                     |
| 3a. Address<br>ONE CONCHO CENTER 600 W. ILLINOIS AVE<br>MIDLAND, TX 79701  | 3b. Phone No. (include area code)<br>Ph: 432-686-3087 | 8. Well Name and No.<br>NOOSE FEDERAL COM 11H                   |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 35 T17S R25E Mer NMP SESE 150FSL 1130FEL           |   | 9. API Well No.<br>30-015-42501                                 |
|  |   | 10. Field and Pool, or Exploratory<br>N. SEVEN RIVERS; GLORIETA |
|  |   | 11. County or Parish, and State<br>EDDY COUNTY, NM              |

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                    | TYPE OF ACTION                                |   |  |   |
|---|---|---|--|---|
| <input type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off                       |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity                       |
| <input type="checkbox"/> Final Abandonment Notice     | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete                | <input checked="" type="checkbox"/> Other Drilling Operations |
|   | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |   |
|   | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |   |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/28/14 Test frac valve to 7500psi. Spotted 2000 gals acid. Set plug @ 7502. 9/11/14 Perf 13 stages  
 @ Perf 7319 - 7489 w/6SPF, 36 holes, CBP @ 7263.  
 Perf @ 6980 - 7206 w/6SPF, 36 holes, CBP @ 6924.  
 Perf @ 6641 - 6867 w/6SPF, 36 holes, CBP @ 6585.  
 Perf @ 6302 - 6528 w/6SPF, 36 holes, CBP @ 6248.  
 Perf @ 5962 - 6186 w/6SPF, 36 holes, CBP @ 5907.  
 Perf @ 5624 - 5850 w/6SPF, 36 holes, CBP @ 5570.  
 Perf @ 5282 - 5509 w/6SPF, 36 holes, CBP @ 5229.  
 Perf @ 4946 - 5172 w/6SPF, 36 holes, CBP @ 4890.  
 Perf @ 4607 - 4833 w/6SPF, 36 holes, CBP @ 4551.  
 Perf @ 4268 - 4494 w/6SPF, 36 holes, CBP @ 4212.  
 Perf @ 3929 - 4154 w/6SPF, 36 holes, CBP @ 3880.

**NM OIL CONSERVATION**  
ARTESIA DISTRICT  
NOV 10 2014

RECEIVED

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #274929 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad**

|   |                 |
|---|-----------------|
| Name (Printed/Typed) CHASITY JACKSON  | Title PREPARER  |
| Signature (Electronic Submission)   | Date 10/30/2014 |
| <b>THIS SPACE FOR FEDERAL OR STATE APPROVAL</b>   |                 |
| Approved By _____   | Title _____     |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. |                 |
| Office _____  |                 |

Pending BLM approvals will  
subsequently be reviewed  
and scanned

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

**Additional data for EC transaction #274929 that would not fit on the form**

**32. Additional remarks, continued**

Perf @ 3593 - 3816 w/6SPF, 36 holes, CBP @ 3533.

Perf @ 3251 - 3477 w/6SPF, 36 holes. Acidize 13 stages w/49,991 gals HCL. Frac w/1,524,534 gals gel, 98,813 gals WaterFrac, 167,617 gals treated water, 1,881,478# 20/40 brown sand, 599,307# 20/40 CRC, 1,469,103# 20/40 white sand.

9/18/14 RU flowback equipment.

10/1/14 Drill out plugs. Clean out to PBTD 7500.

10/3/14 RIH w/72jts 2-7/8" J55 6.5# tbg, EOT @ 2514. RIH ESP. Hang On.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM111946

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator  
COG OPERATING LLC

Contact: CHASITY JACKSON  
E-Mail: cjackson@concho.com

8. Lease Name and Well No.  
NOOSE FEDERAL COM 11H

3. Address  
ONE CONCHO CENTER 600 W. ILLINOIS AVE  
MIDLAND, TX 79701

3a. Phone No. (include area code)  
Ph: 432-686-3087

9. API Well No.  
30-015-42501

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface SESE 150FSL 1130FEL

At top prod interval reported below SESE 150FSL 1130FEL

At total depth NENE 324FNL 1142FEL

10. Field and Pool, or Exploratory  
N SEVEN RIVERS; GLORIETA

11. Sec., T., R., M., or Block and Survey  
or Area Sec 35 T19S R25E Mer NMP

12. County or Parish  
EDDY

13. State  
NM

14. Date Spudded  
08/04/2014

15. Date T.D. Reached  
08/14/2014

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/03/2014

17. Elevations (DF, KB, RT, GL)\*  
3452 GL

18. Total Depth: MD 7568  
TVD 2958

19. Plug Back T.D.: MD 7568  
TVD 2958

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
N/A

22. Was well cored? ☒ No ☐ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit analysis)  
Directional Survey? ☐ No ☒ Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sk. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 11.000    | 8.625 J55  | 32.0        |          | 1233        |                      | 1125                        |                   |             |               |
| 7.875     | 5.500 L80  | 17.0        |          | 7568        |                      | 1100                        |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

24. Tubing Record

| Size  | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.875 | 2514           |                   |      |                |                   |      |                |                   |

25. Producing Intervals

| Formation | Top  | Bottom | Perforated Interval | Size  | No. Holes | Perf. Status |
|-----------|------|--------|---------------------|-------|-----------|--------------|
| A) YESO   | 3251 | 7489   | 3251 TO 7489        | 0.430 | 468       | OPEN         |
| B)        |      |        |                     |       |           |              |
| C)        |      |        |                     |       |           |              |
| D)        |      |        |                     |       |           |              |

26. Perforation Record

| Depth Interval | Amount and Type of Material   |
|----------------|---|
| 3251 TO 7489   | ACIDIZE W/49,991 GALS 15% ACID. FRAC W/1,524,534 GALS GEL, 167,617 GALS TREATED WATER.                |
| 3251 TO 7489   | 98,813 GALS WATER FRAC, 1,881,478# 20/40 BROWN SAND, 599,307# 20/40 CRC, 1,469,103# 20/40 WHITE SAND. |

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method     |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-----------------------|
| 10/09/2014          | 10/11/2014           | 24           | →               | 587.0   | 125.0   | 513.0     | 36.9                  | 0.60        | ELECTRIC PUMPING UNIT |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas/Oil               |             |                       |
|                     |                      |              | →               | 587     | 125     |           |                       |             |                       |

28a. Production - Interval B

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|
|                     |                      |              | →               |         |         |           |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL |
|                     |                      |              | →               |         |         |           |

Pending BLM approvals will  
subsequently be reviewed  
and scanned

NM OIL CONSERVATION  
ARTESIA DISTRICT

NOV 10 2014

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #274927 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

RECEIVED

## 28b. Production - Interval C

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date            | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
|                     |                      |              | →               |         |         |           |                       |             |                   |
| Choke Size          | Tbg. Press. Flwg. SI | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     |                      |              | →               |         |         |           |                       |             |                   |

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

FLARED

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation           | Top          | Bottom | Descriptions, Contents, etc.      | Name                 | Top          |
|---------------------|--------------|--------|-----------------------------------|----------------------|--------------|
|                     |              |        |                                   |                      | Meas. Depth  |
| GLORIETA<br>PADDOCK | 2494<br>2615 |        | SANDSTONE<br>DOLOMITE & ANHYDRITE | SANDSTONE<br>PADDOCK | 2494<br>2615 |

32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7. Other:     |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #274927 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) CHASITY JACKSON

Title PREPARER

Signature (Electronic Submission)

Date 10/30/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\*