

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

Form C-104  
Revised August 1, 2011

**HOBBS OCD**

Submit one copy to appropriate District Office

OCT 23 2019

AMENDED REPORT

**RECEIVED**

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

|   |  |   |
|---|--|---|
| <sup>1</sup> Operator name and Address<br>COG Operating LLC<br>2208 W. Main Street<br>Artesia, NM 88210 |  | <sup>2</sup> OGRID Number<br>229137                       |
|   |  | <sup>3</sup> Reason for Filing Code/ Effective Date<br>NW |
| <sup>4</sup> API Number<br>30 - 025-45111   | <sup>5</sup> Pool Name<br>WC-025 G-09 S243532M; WOLFBONE | <sup>6</sup> Pool Code<br>98098                           |
| <sup>7</sup> Property Code<br>322259  | <sup>8</sup> Property Name<br>Fascinator Federal Com     | <sup>9</sup> Well Number<br>701H                          |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| C             | 30      | 24S      | 35E   |         | 210           | North            | 2160          | West           | Lea    |

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

| UI or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South Line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 31      | 24S      | 35E   |         | 182           | South            | 2245          | West           | Lea    |

|                             |  |  |                                   |                                    |                                     |
|-----------------------------|--|--|-----------------------------------|------------------------------------|-------------------------------------|
| <sup>12</sup> Lse Code<br>P | <sup>13</sup> Producing Method Code<br>F | <sup>14</sup> Gas Connection Date<br>9/21/19 | <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 OGRID | <sup>19</sup> Transporter Name and Address | <sup>20</sup> O/G/W |
|---------------------------------|--|---------------------|
|                                 | ACC  | O                   |
|                                 | Targa                                      | G                   |
|                                 | Holly Refining and Marketing Co.           | O                   |

**IV. Well Completion Data**

|                                    |                                     |                            |                              |  |                       |
|------------------------------------|-------------------------------------|----------------------------|------------------------------|--|-----------------------|
| <sup>21</sup> Spud Date<br>11/1/18 | <sup>22</sup> Ready Date<br>9/21/19 | <sup>23</sup> TD<br>22543' | <sup>24</sup> PBDT<br>22403' | <sup>25</sup> Perforations<br>12,801-22,378' | <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   |  |                       |
| 17 1/2"                            | 13 3/8"                             | 1170'                      | 1830                         |  |                       |
| 12 1/4"                            | 9 5/8"                              | 11906'                     | 2765                         |  |                       |
| 8 1/2"                             | 5 1/2"                              | 22520'                     | 3990                         |  |                       |
|                                    | 2 7/8                               | 11995'                     |                              |  |                       |

**V. Well Test Data**

|                                       |  |                                    |                                     |                                      |                                      |
|---------------------------------------|--|------------------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>9/21/19 | <sup>32</sup> Gas Delivery Date<br>9/21/19 | <sup>33</sup> Test Date<br>9/21/19 | <sup>34</sup> Test Length<br>24 Hrs | <sup>35</sup> Tbg. Pressure<br>3125# | <sup>36</sup> Csg. Pressure<br>250#  |
| <sup>37</sup> Choke Size<br>21/64     | <sup>38</sup> Oil<br>1062                  | <sup>39</sup> Water<br>2354        | <sup>40</sup> Gas<br>1247           |                                      | <sup>41</sup> Test Method<br>Flowing |

|   |                           |                |
|---|---------------------------|----------------|
| <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.<br>Signature: <i>Amanda Avery</i><br>Printed name: Amanda Avery<br>Title: Regulatory Analyst<br>E-mail Address: aavery@concho.com<br>Date: 9/22/19 | OIL CONSERVATION DIVISION |                |
|   | Approved by:              | <i>P. M...</i> |
|   | Title:                    | L.M.           |
|   | Approval Date:            | 10/24/2019     |
|   | Phone: 575-748-6962       |                |

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 LOGS

**HOBBS OCD**  
**OCT 23 2019**  
**RECEIVED**

5. Lease Serial No.  
NNMM14164

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
FASCINATOR FEDERAL COM 701H

9. API Well No.  
30-025-45111

10. Field and Pool, or Exploratory  
WC-025 G-09 S243532M; WOL

11. Sec., T., R., M., or Block and Survey  
or Area Sec 30 T24S R35E Mer NMP

12. County or Parish  
LEA

13. State  
NM

17. Elevations (DF, KB, RT, GL)\*  
3345 GL

1a. Type of Well  Oil Well  Gas Well  Dry  Other

b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator  
COG OPERATING LLC Contact: AMANDA AVERY  
E-Mail: aavery@concho.com

3. Address 2208 W MAIN STREET  
ARTESIA, NM 88210 3a. Phone No. (include area code)  
Ph: 575-748-6940

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 30 T24S R35E Mer NMP  
At surface NENW Lot C 210FNL 2160FWL  
Sec 30 T24S R35E Mer NMP  
At top prod interval reported below NENW Lot C 210FNL 2160FWL  
Sec 31 T24S R35E Mer NMP  
At total depth SESW Lot N 182FSL 2245FWL 32.157220 N Lat, 103.407837 W Lon

14. Date Spudded  
11/01/2018 15. Date T.D. Reached  
03/19/2019 16. Date Completed  
 D & A  Ready to Prod.  
09/21/2019

18. Total Depth: MD 22543 TVD 12783 19. Plug Back T.D.: MD 22403 TVD 12783 20. Depth Bridge Plug Set: MD 22403 TVD 12783

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

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 |
|-----------|------------|-------------|----------|-------------|----------------------|-----------------------------|-------------------|-------------|---------------|
| 17.500    | 13.375 K55 | 54.5        | 0        | 1170        |                      | 1830                        |                   | 0           |               |
| 12.250    | 9.625 P110 | 47.0        | 0        | 11906       | 5439                 | 2765                        |                   | 0           | ✓             |
| 8.500     | 5.500 P110 | 23.0        | 0        | 22520       |                      | 3990                        |                   | 0           | ✓             |
|           |            |             |          |             |                      |                             |                   |             |               |
|           |            |             |          |             |                      |                             |                   |             |               |

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 | 11995          | 11985             |      |                |                   |      |                |                   |

25. Producing Intervals 26. Perforation Record

| Formation   | Top   | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|-------------|-------|--------|---------------------|------|-----------|--------------|
| A) WOLFBONE | 12801 | 22378  | 12801 TO 22378      |      | 1728      | OPEN         |
| B)          |       |        |                     |      |           |              |
| C)          |       |        |                     |      |           |              |
| D)          |       |        |                     |      |           |              |

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

| Depth Interval | Amount and Type of Material |
|----------------|-----------------------------|
| 12801 TO 22378 | SEE ATTACHED INFORMATION    |
|                |                             |
|                |                             |

28. Production - Interval A

| Date First Produced | Test Date         | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|-------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 09/21/2019          | 09/21/2019        | 24           | →               | 1062.0  | 1247.0  | 2354.0    |                       |             | GAS LIFT          |
| Choke Size          | Tbg. Press. Flwg. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
| 21/64               | SI 3125           | 250.0        | →               | 1062    | 1247    | 2354      |                       | POW         |                   |

28a. Production - Interval B

| 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. | Csg. Press.  | 24 Hr. Rate     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio         | Well Status |                   |
|                     | SI                |              | →               |         |         |           |                       |             |                   |

(See Instructions and spaces for additional data on reverse side)  
ELECTRONIC SUBMISSION #489221 VERIFIED BY THE BLM WELL INFORMATION SYSTEM  
\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

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.)

SOLD

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 |
| RUSTLER               | 846  |        |                              | RUSTLER               | 846         |
| TOP OF SALT           | 1277 |        |                              | TOP OF SALT           | 1277        |
| BOTTOM OF SALT        | 5125 |        |                              | BOTTOM OF SALT        | 5125        |
| LAMAR                 | 5436 |        |                              | LAMAR                 | 5436        |
| BELL CANYON           | 5477 |        |                              | BELL CANYON           | 5477        |
| CHERRY CANYON         | 6462 |        |                              | CHERRY CANYON         | 6462        |
| BRUSHY CANYON         | 8071 |        |                              | BRUSHY CANYON         | 8071        |
| BONE SPRING LIMESTONE | 9286 |        |                              | BONE SPRING LIMESTONE | 9286        |

32. Additional remarks (include plugging procedure):

1ST BONE SPRING 10471  
 1ST BONE SPRING SHALE 10663  
 2ND BONE SPRING 11052  
 2ND BONE SPRING BASE 11504  
 3RD BONE SPRING 12057  
 3RD BONE SPRING W 12427  
 WOLFCAMP 12596  
 WOLFCAMP LITHOLOGY 12791

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 #489221 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 10/22/2019

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 \*\***

**Additional data for transaction #489221 that would not fit on the form**

32. Additional remarks, continued

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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.*

**HOBBS OCD**

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**SUBMIT IN TRIPLICATE - Other instructions on page 2**

|   |  |   |
|---|--|---|
| 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>NMNM14164                                    |
| 2. Name of Operator<br>COG OPERATING LLC  |  | 6. If Indian, Allottee or Tribe Name                                |
| 3a. Address<br>2208 W MAIN<br>ARTESIA, NM 88210   |  | 7. If Unit or CA/Agreement, Name and/or No.                         |
| 3b. Phone No. (include area code)<br>Ph: 575-748-6940   |  | 8. Well Name and No.<br>FASCINATOR FEDERAL COM 701H                 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>Sec 30 T24S R35E Mer NMP NENW 210FNL 2160FWL<br>32.195173 N Lat, 103.408179 W Lon |  | 9. API Well No.<br>30-025-45111                                     |
|   |  | 10. Field and Pool or Exploratory Area<br>WC-025 G-09 S243532M; WOL |
|   |  | 11. County or Parish, State<br>LEA COUNTY, NM                       |

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

| TYPE OF SUBMISSION                                   | TYPE OF ACTION                                |   |  |   |
|--|---|---|--|---|
| <input checked="" 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 type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Hydraulic Fracturing | <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 type="checkbox"/> Other          |
|  | <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 checked="" 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 recomplete 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

4/3/19 Test annulus to 1500# Set Composite Bridge plug @ 22.403' and test csg to 11,618#. Test Good.  
7/23/19 to 8/14/19 Perf 12,801-22,378' (1728). Acdz w/72,576gal 7 1/2%; frac w/ 19,252,390# sand & 17,554,541 gal fluid.  
8/17/19 to 8/19/19 Drilled out CFP's. Clean down to PBD @ 22,403'.  
8/24/19 -8/27/19 Set 2 7/8" 6.5# L-80 tbg @ 11,995' packer @ 11,985'. Installed gas lift system.  
9/21/19 Began flowing back & testing Date of first production

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

**Electronic Submission #489223 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs**

|  |                                 |
|--|---------------------------------|
| Name (Printed/Typed) <b>AMANDA AVERY</b> | Title <b>REGULATORY ANALYST</b> |
| Signature (Electronic Submission)        | Date <b>10/22/2019</b>          |

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

|   |             |              |
|---|-------------|--------------|
| Approved By _____   | Title _____ | Date _____   |
| 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 _____ |

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.

(Instructions on page 2)

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