

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

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>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>30-015-46812   |  | <sup>5</sup> Pool Name<br>Purple Sage; Wolfcamp   |   |  | <sup>6</sup> Pool Code<br>98220  |  |
| <sup>7</sup> Property Code<br>323072  |  | <sup>8</sup> Property Name<br>Hambone Federal Com |   |  | <sup>9</sup> Well Number<br>701H |  |

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

|                    |              |                 |              |         |                      |                           |                       |                        |                |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| Ul or lot no.<br>P | Section<br>8 | Township<br>26S | Range<br>29E | Lot Idn | Feet from the<br>222 | North/South Line<br>South | Feet from the<br>1168 | East/West line<br>East | County<br>Eddy |
|--------------------|--------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

<sup>11</sup> Bottom Hole Location

|                             |   |                 |   |         |                                   |                           |                                    |                        |                                     |
|-----------------------------|---|-----------------|---|---------|-----------------------------------|---------------------------|------------------------------------|------------------------|-------------------------------------|
| Ul or lot no.<br>1          | Section<br>5                                | Township<br>26S | Range<br>29E                                    | Lot Idn | Feet from the<br>201              | North/South Line<br>North | Feet from the<br>310               | East/West line<br>East | County<br>Eddy                      |
| <sup>12</sup> Lse Code<br>F | <sup>13</sup> Producing Method<br>Code<br>F |                 | <sup>14</sup> Gas Connection<br>Date<br>1/31/21 |         | <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 |  |
|                                    | ACC   |  |  |  |  |  |  | O                   |  |
|                                    |   |  |  |  |  |  |  |                     |  |
| 298751                             | ETC   |  |  |  |  |  |  | G                   |  |
|                                    |   |  |  |  |  |  |  |                     |  |
| 278421                             | Holly Refining and Marketing<br>PO Box 159<br>Artesia, NM 88210 |  |  |  |  |  |  | O                   |  |
|                                    |   |  |  |  |  |  |  |                     |  |
|                                    |   |  |  |  |  |  |  |                     |  |

IV. Well Completion Data

|                                    |                                     |                                    |                               |  |                       |                            |  |
|------------------------------------|-------------------------------------|------------------------------------|-------------------------------|--|-----------------------|----------------------------|--|
| <sup>21</sup> Spud Date<br>3/19/20 | <sup>22</sup> Ready Date<br>1/15/21 | <sup>23</sup> TD<br>19,991'        | <sup>24</sup> PBTD<br>19,840' | <sup>25</sup> Perforations<br>10,220-19,815' | <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"                            |                               | 395'   |                       | 645                        |  |
| 12 1/4"                            |                                     | 10 3/4"                            |                               | 2,944'                                       |                       | 550                        |  |
| 9 7/8"                             |                                     | 7 5/8"                             |                               | 9,190'                                       |                       | 760                        |  |
| 6 3/4"                             |                                     | 5 1/2"                             |                               | 19,976'                                      |                       | 1295                       |  |
|                                    |                                     | 2 7/8"                             |                               | 9,393'                                       |                       |                            |  |

V. Well Test Data

|  |  |                                    |  |                                     |                                      |
|--|--|------------------------------------|--|-------------------------------------|--------------------------------------|
| <sup>31</sup> Date New Oil<br>1/31/21  | <sup>32</sup> Gas Delivery Date<br>1/31/21 | <sup>33</sup> Test Date<br>1/31/21 | <sup>34</sup> Test Length<br>24 Hrs                    | <sup>35</sup> Tbg. Pressure<br>1700 | <sup>36</sup> Csg. Pressure<br>1800  |
| <sup>37</sup> Choke Size<br>21/128   | <sup>38</sup> Oil<br>764                   | <sup>39</sup> Water<br>4907        | <sup>40</sup> Gas<br>2298                              |                                     | <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> |  |                                    | OIL CONSERVATION DIVISION<br>Approved by: KURT SIMMONS |                                     |                                      |
| Printed name:<br>Amanda Avery  |  |                                    | Title:<br>NM OCD, SANTA FE                             |                                     |                                      |
| Title:<br>Regulatory Analyst   |  |                                    | Approval Date:<br>04/13/2021                           |                                     |                                      |
| E-mail Address:  |  |                                    |  |                                     |                                      |
| Date:<br>3/9/2021  |  | Phone:<br>575-748-6962             |  |                                     |                                      |

|   |                       |   |                              |  |                                       |   |   |  |              |               |
|---|-----------------------|---|------------------------------|--|---------------------------------------|---|---|--|--------------|---------------|
| Submit To Appropriate District Office<br>Two Copies<br><b>District I</b><br>1625 N. French Dr., Hobbs, NM 88240<br><b>District II</b><br>811 S. First St., Artesia, NM 88210<br><b>District III</b><br>1000 Rio Brazos Rd., Aztec, NM 87410<br><b>District IV</b><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 April 3, 2017      |   |  |              |               |
|   |                       | 1. WELL API NO.   |                              | 30-015-46812   |                                       |   |   |  |              |               |
|   |                       | 2. Type of Lease  |                              | <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/> FED/INDIAN |                                       |   |   |  |              |               |
|   |                       | 3. State Oil & Gas Lease No.  |                              |  |                                       |   |   |  |              |               |
| <b>WELL COMPLETION OR RECOMPLETION REPORT AND LOG</b>   |                       |   |                              |  |                                       |   |   |  |              |               |
| 4. Reason for filing:<br><br><input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)<br><br><input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC) |                       |   |                              | 5. Lease Name or Unit Agreement Name   |                                       |   |   |  |              |               |
|   |                       |   |                              | Hambone Federal Com  |                                       |   |   |  |              |               |
|   |                       |   |                              | 6. Well Number:  |                                       |   |   |  |              |               |
|   |                       |   |                              | 701H   |                                       |   |   |  |              |               |
| 7. Type of Completion:  |                       |   |                              |  |                                       |   |   |  |              |               |
| <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER _____   |                       |   |                              |  |                                       |   |   |  |              |               |
| 8. Name of Operator   |                       |   |                              | 9. OGRID   |                                       |   |   |  |              |               |
| COG Operating LLC   |                       |   |                              | 229137   |                                       |   |   |  |              |               |
| 10. Address of Operator   |                       |   |                              | 11. Pool name or Wildcat   |                                       |   |   |  |              |               |
| 2208 W. Main Street   |                       |   |                              | Purple Sage; Wolfcamp (Gas)  |                                       |   |   |  |              |               |
| Artesia, NM 88210   |                       |   |                              |  |                                       |   |   |  |              |               |
| 12. Location  | Unit Ltr              | Section   | Township                     | Range  | Lot                                   | Feet from the                                   | N/S Line                                  | Feet from the  | E/W Line     | County        |
| Surface:  | P                     | 8   | 26S                          | 29E  |                                       | 222'  | South                                     | 1168'  | East         | Eddy          |
| BH:   | 1                     | 5   | 26S                          | 29E  |                                       | 201'  | North                                     | 310'   | East         | Eddy          |
| 13. Date Spudded  | 14. Date T.D. Reached |   | 15. Date Rig Released        |  | 16. Date Completed (Ready to Produce) |   | 17. Elevations (DF and RKB, RT, GR, etc.) |  |              |               |
| 3/19/20   | 6/2/20                |   | 6/5/20                       |  | 1/15/21                               |   | 2914' GR                                  |  |              |               |
| 18. Total Measured Depth of Well  |                       |   | 19. Plug Back Measured Depth |  | 20. Was Directional Survey Made?      |   | 21. Type Electric and Other Logs Run      |  |              |               |
| 19,991'   |                       |   | 19,840'                      |  | Yes                                   |   |   |  |              |               |
| 22. Producing Interval(s), of this completion - Top, Bottom, Name   |                       |   |                              |  |                                       |   |   |  |              |               |
| 10,220-19,815' Wolfcamp   |                       |   |                              |  |                                       |   |   |  |              |               |
| <b>23. CASING RECORD (Report all strings set in well)</b>   |                       |   |                              |  |                                       |   |   |  |              |               |
| CASING SIZE   |                       | WEIGHT LB./FT.  |                              | DEPTH SET  |                                       | HOLE SIZE                                       |   | CEMENTING RECORD   |              | AMOUNT PULLED |
| 13 3/8"   |                       | 54.5#   |                              | 395'   |                                       | 17 1/2"   |   | 645 sx   |              |               |
| 10 3/7"   |                       | 45.5#   |                              | 2944'  |                                       | 12 1/4"   |   | 550 sx   |              |               |
| 7 5/8"  |                       | 23#   |                              | 9190'  |                                       | 9 7/8"  |   | 760 sx   |              |               |
| 5 1/2"  |                       | 20#   |                              | 19976  |                                       | 6 3/4"  |   | 1295 sx  |              |               |
| <b>24. LINER RECORD</b>   |                       |   |                              |  |                                       | <b>25. TUBING RECORD</b>                        |   |  |              |               |
| SIZE  | TOP                   | BOTTOM  | SACKS CEMENT                 | SCREEN   | SIZE                                  | DEPTH SET                                       | PACKER SET                                |  |              |               |
|   |                       |   |                              |  | 2 7/8"                                | 9393'   | 9383'                                     |  |              |               |
| 26. Perforation record (interval, size, and number)   |                       |   |                              |  |                                       | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |   |  |              |               |
| 10,220-19,815' (864)  |                       |   |                              |  |                                       | DEPTH INTERVAL                                  |   | AMOUNT AND KIND MATERIAL USED  |              |               |
|   |                       |   |                              |  |                                       | 10,220-19,815'                                  |   | Acidz w/0 gal 7 1/2%; Frac w/24,436,283# sand & 24,493,934 gal fluid |              |               |
|   |                       |   |                              |  |                                       |   |   |  |              |               |
| <b>28. PRODUCTION</b>   |                       |   |                              |  |                                       |   |   |  |              |               |
| Date First Production   |                       | Production Method (Flowing, gas lift, pumping - Size and type pump)   |                              |  |                                       | Well Status (Prod. or Shut-in)                  |   |  |              |               |
| 1/31/21   |                       | Flowing   |                              |  |                                       | Producing                                       |   |  |              |               |
| Date of Test  | Hours Tested          | Choke Size  | Prod'n For Test Period       | Oil - Bbl  | Gas - MCF                             | Water - Bbl.                                    | Gas - Oil Ratio                           |  |              |               |
| 1/31/21   | 24                    | 21/128"   |                              | 764  | 2298                                  | 4907  |   |  |              |               |
| Flow Tubing Press.  | Casing Pressure       | Calculated 24-Hour Rate   | Oil - Bbl.                   | Gas - MCF  | Water - Bbl.                          | Oil Gravity - API - (Corr.)                     |   |  |              |               |
| 1700#   | 1800#                 |   | 764                          | 2298   | 4907                                  |   |   |  |              |               |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.)  |                       |   |                              |  |                                       | 30. Test Witnessed By                           |   |  |              |               |
| Sold  |                       |   |                              |  |                                       | Nicholas Jancha                                 |   |  |              |               |
| 31. List Attachments  |                       |   |                              |  |                                       |   |   |  |              |               |
| Surveys   |                       |   |                              |  |                                       |   |   |  |              |               |
| 32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.  |                       |   |                              |  |                                       | 33. Rig Release Date:                           |   |  |              |               |
|   |                       |   |                              |  |                                       | 6/5/20  |   |  |              |               |
| 34. If an on-site burial was used at the well, report the exact location of the on-site burial:   |                       |   |                              |  |                                       |   |   |  |              |               |
| Latitude _____ Longitude _____ NAD83  |                       |   |                              |  |                                       |   |   |  |              |               |
| I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief  |                       |   |                              |  |                                       |   |   |  |              |               |
| Printed   |                       |   |                              |  |                                       |   |   |  |              |               |
| Signature <i>Amanda Avery</i>   |                       |   | Name: Amanda Avery           |  |                                       | Title Regulatory Analyst                        |   |  | Date: 3/9/21 |               |
| E-mail Address: <a href="mailto:amanda.l.avery@conocophillips.com">amanda.l.avery@conocophillips.com</a>  |                       |   |                              |  |                                       |   |   |  |              |               |

## 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 and not later than 60 days after completion of closure. When submitted as a completion report, this 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 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

| Southeastern New Mexico |                                      |  | Northwestern New Mexico |                  |
|-------------------------|--------------------------------------|--|-------------------------|------------------|
| T. Rustler              | T. Canyon                            |  | T. Ojo Alamo            | T. Penn A "      |
| T. Salt 389'            | T. Strawn                            |  | T. Kirtland             | T. Penn. "B"     |
| B. Salt 2596'           | T. Atoka                             |  | T. Fruitland            | T. Penn. "C"     |
| T. Yates                | T. Miss                              |  | T. Pictured Cliffs      | T. Penn. "D"     |
| T. 7 Rivers             | T. Devonian                          |  | T. Cliff House          | T. Leadville     |
| T. Queen                | T. Silurian                          |  | T. Menefee              | T. Madison       |
| T. Grayburg             | T. Montoya                           |  | T. Point Lookout        | T. Elbert        |
| T. San Andres           | T.                                   |  | T. Mancos               | T. McCracken     |
| T. Glorieta             | T. Lamar 2822'                       |  | T. Gallup               | T. Ignacio Otzte |
| T. Paddock              | T. Bone Spring Lm 6593'              |  | Base Greenhorn          | T. Granite       |
| T. Blinebry             | T. 1 <sup>st</sup> Bone Spring 7506' |  | T. Dakota               |                  |
| T. Tubb                 | T. 2nd Bone Spring 8209'             |  | T. Morrison             |                  |
| T. Drinkard             | T. 3rd Bone Spring 9396'             |  | T. Todilto              |                  |
| T. Abo                  | T. Wolfcamp 9788'                    |  | T. Entrada              |                  |
| T. CPTN                 | T. Cherry Canyon 3646'               |  | T. Wingate              |                  |
| T. Penn                 | T. Brushy Canyon 6368'               |  | T. Chinle               |                  |
| T. Cisco (Bough C)      | T. Avalon                            |  | T. Permian              |                  |

## 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 |
|------|----|----------------------|-----------|
|      |    |                      |           |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 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**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

CONDITIONS

Action 22307

**CONDITIONS OF APPROVAL**

|              |                   |                    |                  |        |        |                |       |              |           |
|--------------|-------------------|--------------------|------------------|--------|--------|----------------|-------|--------------|-----------|
| Operator:    | COG OPERATING LLC | 600 W Illinois Ave | Midland, TX79701 | OGRID: | 229137 | Action Number: | 22307 | Action Type: | C-104C    |
| OCD Reviewer |                   |                    |                  |        |        |                |       |              | Condition |
| ksimmons     |                   |                    |                  |        |        |                |       |              | None      |