

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

| | | |
|--|---|---|
| ¹ Operator name and Address COG Production LLC 2208 W. Main Street Artesia, NM 88210 | | ² OGRID Number 217955 |
| | | ³ Reason for Filing Code/ Effective Date NW |
| ⁴ API Number 30 - 015-43924 | ⁵ Pool Name Purple Sage; Wolfcamp (Gas) | ⁶ Pool Code 98220 |
| ⁷ Property Code 38529 | ⁸ Property Name Copperhead 31 Federal Com | ⁹ Well Number 3H |

II. ¹⁰ Surface Location

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|
| Ul or lot no. A | Section 30 | Township 26S | Range 29E | Lot Idn | Feet from the 349 | North/South Line North | Feet from the 773 | East/West line East | County Eddy |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|----------------|

¹¹ Bottom Hole Location

| | | | | | | | | | |
|-----------------------------|---|---|-----------------------------------|------------------------------------|-------------------------------------|---------------------------|----------------------|------------------------|----------------|
| Ul or lot no. 7 | Section 31 | Township 26S | Range 29E | Lot Idn | Feet from the 1980 | North/South Line North | Feet from the 656 | East/West line East | County Eddy |
| ¹² Lse Code F | ¹³ Producing Method Code P | ¹⁴ Gas Connection Date 2/17/17 | ¹⁵ C-129 Permit Number | ¹⁶ C-129 Effective Date | ¹⁷ C-129 Expiration Date | | | | |

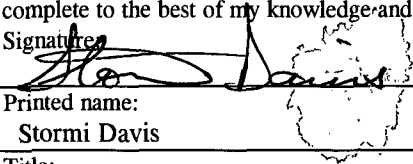
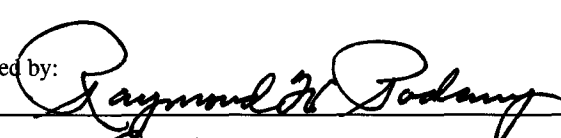
III. Oil and Gas Transporters

| | | |
|------------------------------------|--|---------------------|
| ¹⁸ Transporter OGRID | ¹⁹ Transporter Name and Address | ²⁰ O/G/W |
| 265309 | Permian Transport and Trading 415 W. Wall - Ste 1000 Midland, TX 79701 | O |
| 285689 | Delaware Basin Midstream LLC 1221 Lamar - Ste 1100 Houston, TX 77010 | G |
| | NM OIL CONSERVATION ARTESIA DISTRICT MAR 23 2017 B RECEIVED | |

IV. Well Completion Data

| | | | | | |
|------------------------------------|-------------------------------------|----------------------------|------------------------------|--|-----------------------|
| ²¹ Spud Date 11/3/16 | ²² Ready Date 2/17/17 | ²³ TD 17495' | ²⁴ PBTD 17340' | ²⁵ Perforations 10916-17324' | ²⁶ DHC, MC |
| ²⁷ Hole Size | ²⁸ Casing & Tubing Size | ²⁹ Depth Set | ³⁰ Sacks Cement | | |
| 18 1/8" | 16" | 414' | 400 | | |
| 13 1/2" | 10 3/4" | 2801' | 1250 | | |
| 9 7/8" | 7 5/8" | 10015' | 1325 | | |
| 6 3/4" | 5" | 17445' | 1500 | | |
| | 2 7/8" | 9561' | | | |

V. Well Test Data

| | | | | | |
|---|--|------------------------------------|---|--------------------------------------|--------------------------------------|
| ³¹ Date New Oil 2/17/17 | ³² Gas Delivery Date 2/17/17 | ³³ Test Date 2/17/17 | ³⁴ Test Length 24 Hrs | ³⁵ Tbg. Pressure 3300# | ³⁶ Csg. Pressure 3600# |
| ³⁷ Choke Size 23/64" | ³⁸ Oil 81 | ³⁹ Water 2990 | ⁴⁰ Gas 1641 | | ⁴¹ Test Method Pumping |
| ⁴² 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:  | | | OIL CONSERVATION DIVISION | | |
| Printed name: Stormi Davis | | | Approved by:  | | |
| Title: Regulatory Analyst | | | Title: Geology & Tech. | | |
| E-mail Address: sdavis@concho.com | | | Approval Date: 4-7-2017 | | |
| Date: 3/9/17 | | Phone: 575-748-6946 | | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.*5. Lease Serial No.
NMNM121474

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.
COPPERHEAD 31 FEDERAL COM 3H9. API Well No.
30-015-4392410. Field and Pool or Exploratory Area
PURPLE SAGE; WOLFCAMP11. County or Parish, State
EDDY COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG PRODUCTION LLCContact: STORMI DAVIS
E-Mail: sdavis@concho.com3a. Address
2208 WEST MAIN
ARTESIA, NM 882103b. Phone No. (include area code)
Ph: 575-748-6946

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 30 T26S R29E Mer NMP NENE 349FNL 773FEL

12. CHECK THE 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"/> 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 checked="" 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 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 recompleate 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 recompleation 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.

12/16/16 to 12/17/16 Test annulus to 1500#. Perf 17370-17380' (60). Perform injection test.

12/19/16 to 1/7/17 Set CBP @ 17340'. Test csg to 7141#. Perf 10916-17324' (1848). Acdz w/124,576 gal 7 1/2%; frac w/12,555,660# sand & 15,789,252 gal fluid.

1/9/17 to 1/11/17 Drilled out CFP's.

1/12/17 to 1/14/17 Set 2 7/8" 6.5# L-80 tbg @ 9561' & placed well on pump. Test annulus to 1500#. Good test.

2/17/17 Began flowing back & testing. Date of first production.

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

**Electronic Submission #370312 verified by the BLM Well Information System
For COG PRODUCTION LLC, sent to the Carlsbad**

Name (Printed/Typed) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 03/20/2017

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 ****

APD-4-7-17

Jimmy Kone 5-24S-28E RB

223H 30-01S-43477

HRS;MIN

| DATE | STRING | FLUID TYPE (list) | WT LB/FT (decimal) | GRADE | HOLE SZ (fraction) | CSG SZ (fraction) | TOP CSG (feet) | DEPTH SET (feet) | WAIT ON CMT (decimal hours) | PRESS HELD (psi) | LD SX | LD YIELD | TL SX | TL YIELD | TTL SX | CLASS (list) | TOP OF CMT (feet) | METHOD USED (list) | BBLS TO SURF (if circulated) | SX TO SURF (if circulated) | LENGTH 1" RAN (if topped out) |
|------------|-----------|----------------------|-----------------------|-------|-----------------------|----------------------|-------------------|---------------------|--------------------------------|---------------------|-------|----------|-------|----------|--------|-----------------|----------------------|-----------------------|---------------------------------|-------------------------------|----------------------------------|
| 11/28/2016 | SURF | Fresh Water | 54.50 | J-55 | 17 1/2 | 13 3/8 | 0 | 619 | 26.0 | 1000 | 216 | 1.79 | 353 | 1.38 | 569 | C | 0 | Circ | 49 | 154 | |
| 12/1/2016 | INT 1 | Brine | 40.00 | J-55 | 12 1/4 | 9 5/8 | 0 | 2608 | 9.5 | 1350 | 555 | 1.97 | 297 | 1.38 | 852 | C | 0 | Circ | 53 | 151 | |
| 12/8/2016 | INT 2 TOP | Cut Brine | 29.70 | P-110 | 8 3/4 | 7 5/8 | 0 | 2445 | 48.5 | 1500 | 477 | 2.31 | 271 | 1.37 | 748 | TXI | 0 | Circ | 10 | 24 | |
| 12/8/2016 | INT 2 M | Cut Brine | 29.70 | P-110 | 8 3/4 | 7 5/8 | 2445 | 9772 | - | - | - | - | - | - | - | | - | | - | - | |
| 12/8/2016 | INT 2 BTM | Cut Brine | 29.00 | P-110 | 8 3/4 | 7 | 9772 | 10592 | - | - | - | - | - | - | - | | - | | - | - | |
| 1/8/2017 | PROD TOP | Oil-Based Mud | 20.00 | P-110 | 6 1/8 | 5 1/2 | 0 | 9608 | - | - | - | - | 512 | 1.17 | 512 | H | 9600 | Calc | 0 | - | |
| 1/8/2017 | PROD BTM | Oil-Based Mud | 13.50 | P-110 | 6 1/8 | 4 1/2 | 9608 | 15227 | - | - | - | - | - | - | - | | - | | - | - | |

