

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

**JUN 22 2018**

☐ AMENDED REPORT

**RECEIVED**

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

<sup>1</sup> Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		<sup>2</sup> OGRID Number 229137
		<sup>3</sup> Reason for Filing Code/ Effective Date NW
<sup>4</sup> API Number 30-025-41411	<sup>5</sup> Pool Name Lusk; Bone Spring, South	<sup>6</sup> Pool Code 41460
<sup>7</sup> Property Code 40135	<sup>8</sup> Property Name Ringo 32 Federal Com	<sup>9</sup> Well Number 1H

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

Ul or lot no. P	Section 32	Township 19S	Range 32E	Lot Idn	Feet from the 330	North/South Line South	Feet from the 490	East/West line East	County Lea
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**<sup>11</sup> Bottom Hole Location**

Ul or lot no. P	Section 8	Township 20S	Range 32E	Lot Idn	Feet from the 200 201	North/South Line South	Feet from the 330 341	East/West line East	County Lea
<sup>12</sup> Lse Code F	<sup>13</sup> Producing Method Code P	<sup>14</sup> Gas Connection Date 05/14/18	<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
	Alpha Crude Connector Pipeline	O
221115	Frontier Field Services	G

**IV. Well Completion Data**

<sup>21</sup> Spud Date 8/21/17	<sup>22</sup> Ready Date 9/21/18 05/09/18	<sup>23</sup> TD 19889'	<sup>24</sup> PBTD 19775'	<sup>25</sup> Perforations 9855-19691'	<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"	2773'	2050		
12 1/4"	9 5/8"	4500'	1330		
8 3/4"	5 1/2"	19889'	3550		
	2 7/8"	8897'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 5/14/18	<sup>32</sup> Gas Delivery Date 5/14/18	<sup>33</sup> Test Date 5/14/18	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 268#	<sup>36</sup> Csg. Pressure 233#
<sup>37</sup> Choke Size	<sup>38</sup> Oil 25	<sup>39</sup> Water 3930	<sup>40</sup> Gas 221		<sup>41</sup> Test Method Pumping

<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: *Amanda Avery*

Printed name:  
Amanda Avery

Title:  
Regulatory Tech

E-mail Address:  
sdavis@concho.com

Date:  
6/19/18

Phone:  
575-748-6940

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Pending BLM approvals will  
subsequently be reviewed  
and scanned

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.  
NMNM114981

6. If Indian, Allottee or Tribe Name

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

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.

RINGO 32 FEDERAL COM 1H

2. Name of Operator

COG OPERATING LLC

Contact: AMANDA AVERY

E-Mail: aavery@concho.com

9. API Well No.

30-025-41411

3a. Address

2208 W MAIN STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)

Ph: 575-748-6940

10. Field and Pool or Exploratory Area

LUSK; BONE SPRING, SOUTH

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

Sec 32 T19S R32E SESE 330FSL 490FEL

11. County or Parish, State

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 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 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 must 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 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.

10/17/17 Ran CBL. TOC @ 1910'. Set CBP @ 19775' and test csg to 8509#. Good test. Perf

19740-19750' (60). Injection test.

03/13/18 to 04/04/18 Perf 9855-19691' (1920). Acdz w/196,560 gal 7 1/2%; frac w/20,000,420# sand &amp; 17,785,236 gal fluid.

04/15/18 to 04/18/18 Drilled out CFP's. Clean down to CBP @ 19775'.

05/07/18 Set 2 7/8" 6.5# L-80 tbg @ 8897'. PWOP.

05/09/18 Began flowing back &amp; testing.

05/14/18 Date of first production.

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

**Electronic Submission #424889 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs**

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/21/2018

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

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.

(Instructions on page 2)

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

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.  
NMNM114981

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: AMANDA AVERY  
E-Mail: aavery@concho.com

8. Lease Name and Well No.  
RINGO 32 FEDERAL COM 1H

3. Address  
2208 W MAIN STREET  
ARTESIA, NM 88210

3a. Phone No. (include area code)  
Ph: 575-748-6940

9. API Well No.  
30-025-41411

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
Sec 32 T19S R32E Mer  
At surface SESE Lot P 330FSL 490FEL  
Sec 32 T19S R32E Mer  
At top prod interval reported below SESE Lot P 330FSL 490FEL  
Sec 8 T20S R32E Mer  
At total depth

10. Field and Pool, or Exploratory  
LUSK; BONE SPRINGS

11. Sec., T., R., M., or Block and Survey  
or Area Sec 32 T19S R32E Mer

12. County or Parish  
LEA  
13. State  
NM

14. Date Spudded  
08/21/2017

15. Date T.D. Reached  
09/21/2017

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
05/09/2018

17. Elevations (DF, KB, RT, GL)\*  
3535 GL

18. Total Depth: MD 19889  
TVD 9578

19. Plug Back T.D.: MD 19775  
TVD 9570

20. Depth Bridge Plug Set: MD 19775  
TVD 9570

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
NONE

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 L80	68.0		2773		2050		0	
12.250	9.625 J55	40.0		4500	2813	1330		0	
8.750	5.500 P110	17.0		19889		3550		1910	
26.000	20.000 K55	133.0	0	988		1735		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	8897							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	9855	19750	9855 TO 19691	0.430	1920	OPEN
B)			19740 TO 19750		60	OPEN
C)						
D)						

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

Depth Interval	Amount and Type of Material

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
05/14/2018	05/14/2018	24	→	25.0	221.0	3930.0			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	268	233.0	→	25	221	3930			

28a. Production - Interval B

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

Pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #424778 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.)  
CAPTURED

## 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
RSLR	955	955			
TOS	1298	1298			
LMAR	4523	4523			
BLCN	4583	4583			
CYCN	5093	5092			
BYCN	5749	5749			
BSGL	7361	7360			
FBSG	8495	8494			

32. Additional remarks (include plugging procedure):  
Additional formation

SBSG Top MD 9197 Top TVD 9155

## 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 #424778 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs**

Name (please print) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 06/20/2018

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 \*\***