

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  
**HOBBS OGD**  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

**I. REQUEST FOR APPLICATION 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 - 025-45109	<sup>5</sup> Pool Name WC-025 G-09 S243532M; WOLFBONE		<sup>6</sup> Pool Code 98098
<sup>7</sup> Property Code 322259	<sup>8</sup> Property Name Fascinator Federal Com		<sup>9</sup> Well Number 603H

**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
1	30	24S	35E		210	North	950	West	Lea

**<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
4	31	24S	35E		201	South	1003	West	Lea
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 9/22/19	<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 11/7/18	<sup>22</sup> Ready Date 9/22/19	<sup>23</sup> TD 22521'	<sup>24</sup> PBSD 22341'	<sup>25</sup> Perforations 12,893-22,340'	<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"	1190'	1000		
12 1/4"	9 5/8"	11825'	2340		
6 3/4"	5 1/2"	22508'	2750		
	2 7/8	11242'			

**V. Well Test Data**

<sup>31</sup> Date New Oil 9/22/19	<sup>32</sup> Gas Delivery Date 9/22/19	<sup>33</sup> Test Date 9/22/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 2700#	<sup>36</sup> Csg. Pressure 1500#
<sup>37</sup> Choke Size 27/64	<sup>38</sup> Oil 1136	<sup>39</sup> Water 3701	<sup>40</sup> Gas 1486		<sup>41</sup> Test Method 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.

Signature:

*Amanda Avery*

Printed name:  
Amanda Avery

Title:  
Regulatory Analyst

E-mail Address:  
aavery@concho.com

Date: 10/15/19

Phone:  
575-748-6962

OIL CONSERVATION DIVISION

Approved by:

*[Signature]*

Title:

Petroleum Engineer

Approval Date:

10/21/19

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.  
NMNM14164

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
FASCINATOR FEDERAL COM 603H9. API Well No.  
30-025-4510910. Field and Pool or Exploratory Area  
WC-025 G-09 S243532M; WOL

11. County or Parish, State

LEA COUNTY, NM

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: AMANDA AVERY  
E-Mail: aavery@concho.com3a. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103b. Phone No. (include area code)  
Ph: 575-748-6940

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

Sec 30 T24S R35E Mer NMP NWNW 210FNL 950FWL  
32.195171 N Lat, 103.412090 W Lon**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	Hydraulic Fracture
	<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 recomple 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 recomple 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.

5/10/19 Test annulus to 1500# Set Composite Bridge plug @ 22,430' and test csg to 11,617#. Test Good. Perf 22,407-22,417'. Injection test.

6/22/19 to 7/19/19 Perf 12,893-22,340' (1536). Acdz w/71,064 gal 7 1/2%; frac w/ 19,306,443# sand & 14,558,628 gal fluid.

8/19/19 to 8/21/19 Drilled out CFP's. Clean down to PBTD @ 22,341'.

8/27/19 -8/28/19 Set 2 7/8" 6.5# L-80 tbg @ 11,242' packer @ 11,232'. Installed gas lift system.

9/22/19 Began flowing back & testing Date of first production

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

**Electronic Submission #488507 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs**

Name (Printed/Typed) AMANDA AVERY

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 10/16/2019

**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 \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM141641a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Otherb. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. ☐ Other \_\_\_\_\_2. Name of Operator  
COG OPERATING LLCContact: AMANDA AVERY  
E-Mail: aavery@concho.com

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

3. Address 2208 W MAIN STREET  
ARTESIA, NM 882103a. Phone No. (include area code)  
Ph: 575-748-69408. Lease Name and Well No.  
FASCINATOR FEDERAL COM 603H9. API Well No.  
30-025-45109

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

Sec 30 T24S R35E Mer NMP  
At surface NWNW Lot 1 210FNL 950FWL 32.195171 N Lat, 103.412090 W LonSec 30 T24S R35E Mer NMP  
At top prod interval reported below NWNW Lot 1 210FNL 950FWL 32.195171 N Lat, 103.412090 W LonSec 31 T24S R35E Mer NMP  
At total depth SWSW Lot 4 201FSL 1003FWL 32.167275 N Lat, 103.411851 W Lon10. Field and Pool, or Exploratory  
WC-025 G-09 S243532M; WOL11. Sec., T., R., M., or Block and Survey  
or Area Sec 30 T24S R35E Mer NMP12. County or Parish  
LEA13. State  
NM14. Date Spudded  
11/30/201815. Date T.D. Reached  
05/02/201916. Date Completed  
☐ D & A ☒ Ready to Prod.  
09/22/201917. Elevations (DF, KB, RT, GL)\*  
3373 GL18. Total Depth: MD 22521  
TVD 1257119. Plug Back T.D.: MD 22341  
TVD 1257120. Depth Bridge Plug Set: MD 22430  
TVD 12571

21. Type Electric &amp; 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 J55	54.5	0	1190		1000		0	
12.250	9.625 L80	47.0	0	2340		2340		0	
6.750	5.500 P110	23.0	0	22508		2750		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	11242	11232						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12893	22340	12893 TO 22340		1536	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12893 TO 22340	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
09/22/2019	09/22/2019	24	→	1136.0	1486.0	3701.0			GAS LIFT
Choke Size	Tdg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
27/64	2700	1500.0	→	1136	1486	3701		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	Tdg. 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 #488510 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	891			RUSTLER	891
TOP OF SALT	1365			TOP OF SALT	1365
BOTTOM OF SALT	5180			BOTTOM OF SALT	5180
LAMAR	5501			LAMAR	5501
BELL CANYON	5548			BELL CANYON	5548
CHERRY CANYON	6519			CHERRY CANYON	6519
BRUSHY CANYON	8036			BRUSHY CANYON	8036
BONE SPRING LIMESTONE	9343			BONE SPRING LIMESTONE	9343

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

1ST BONE SPRING 10497  
1ST BONE SPRING SHALE 10685  
2ND BONE SPRING 11105  
2ND BONE SPRING BASE 11549  
3RD BONE SPRING 12082  
3RD BONE SPRING W 12564

## 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 #488510 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERYTitle REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission)

Date 10/16/2019

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 \*\***