

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 S. St. Francis Dr.  
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

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 - 025-45107	<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 601H

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

Ul or lot no. C	Section 30	Township 24S	Range 35E	Lot Idn	Feet from the 210	North/South Line North	Feet from the 2130	East/West line West	County Lea
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<sup>11</sup> Bottom Hole Location

Ul or lot no. N	Section 31	Township 24S	Range 35E	Lot Idn	Feet from the 204	North/South Line South	Feet from the 1937	East/West line West	County Lea
<sup>12</sup> Lse Code P	<sup>13</sup> Producing Method Code F	<sup>14</sup> Gas Connection Date 10/08/19	<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 11/24/18	<sup>22</sup> Ready Date 10/8/19	<sup>23</sup> TD 22385'	<sup>24</sup> PBTB 22256'	<sup>25</sup> Perforations 12,767-22,244'	<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"	1162'	710		
12 1/4"	9 5/8"	11660'	2785		
8 1/2"	5 1/2"	22380'	4100		
	2 7/8	11748'			

V. Well Test Data

<sup>31</sup> Date New Oil 10/8/19	<sup>32</sup> Gas Delivery Date 10/8/19	<sup>33</sup> Test Date 10/8/19	<sup>34</sup> Test Length 24 Hrs	<sup>35</sup> Tbg. Pressure 1400#	<sup>36</sup> Csg. Pressure 1900#
<sup>37</sup> Choke Size 27/64	<sup>38</sup> Oil 1042	<sup>39</sup> Water 4675	<sup>40</sup> Gas 1448		<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: <i>Amanda Avery</i>		OIL CONSERVATION DIVISION Approved by: <i>P. M...</i>	
Printed name: Amanda Avery		Title: <i>L.M.</i>	
Title: Regulatory Analyst		Approval Date: <i>10/24/2019</i>	
E-mail Address: aavery@concho.com			
Date: 10/22/19	Phone: 575-748-6962		

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM14164
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 W MAIN STREET ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-6940		8. Well Name and No. FASCINATOR FEDERAL COM 601H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T24S R35E Mer NMP NENW 210FNL 2130FWL 32.195173 N Lat, 103.440827 W Lon		9. API Well No. 30-025-45107
		10. Field and Pool or Exploratory Area WC-025 G-09 S243532M; WOL
		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	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 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.

3/29/19 Test annulus to 1500# Set Composite Bridge plug @ 22,269' and test csg to 11,560#. Test Good.

7/24/19 to 8/15/19 Perf 12,767-22,244' (1536). Aczd w/70,881 gal 7 1/2%; frac w/ 19,2651,800# sand & 16,731,703 gal fluid.

8/20/19 to 8/21/19 Drilled out CFP's. Clean down to PBTD @ 22,659'.

8/24/19 -8/29/19 Set 2 7/8" 6.5# L-80 tbg @ 11,748' packer @ 11,738'. Installed gas lift system.

10/08/19 Began flowing back & testing Date of first production

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #489099 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs</b>	
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 \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010HOBBS OCD  
OCT 23 2019  
RECEIVED

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NMNM141641a. 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.  
FASCINATOR FEDERAL COM 601H3. Address  
2208 W MAIN STREET  
ARTESIA, NM 882103a. Phone No. (include area code)  
Ph: 575-748-69409. API Well No.  
30-025-45107

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

At surface Sec 30 T24S R35E Mer NMP  
NENW Lot C 210FNL 2130FWL 32.195173 N Lat, 103.440827 W LonAt top prod interval reported below Sec 30 T24S R35E Mer NMP  
NENW Lot C 210FNL 2130FWL 32.195173 N Lat, 103.440827 W LonAt total depth Sec 31 T24S R35E Mer NMP  
SESW Lot N 204FSL 1937FWL 32.167280 N Lat, 103.408834 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  
11/24/201815. Date T.D. Reached  
02/20/201916. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/08/201917. Elevations (DF, KB, RT, GL)\*  
3346 GL18. Total Depth: MD 22385  
TVD 1264519. Plug Back T.D.: MD 22256  
TVD 1264520. Depth Bridge Plug Set: MD 22269  
TVD 12645

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 K55	54.5	0	1162		710		0	
12.250	9.625 L80	47.0	0	11660	5391	2785		0	
8.500	5.500 P110	17.0	0	22380		4100		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	11748	11738						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12767	22244	12676 TO 22244		1536	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
12676 TO 22244	PLEASE 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
10/18/2019	10/18/2019	24	→	1042.0	1448.0	4675.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
27/64	SI 1400	1900.0	→	1042	1448	4675		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 #489096 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	866			RUSTLER	866
TOP OF SALT	1291			TOP OF SALT	1291
BOTTOM OF SALT	5139			BOTTOM OF SALT	5139
LAMAR	5461			LAMAR	5461
BELL CANYON	5504			BELL CANYON	5504
CHERRY CANYON	6437			CHERRY CANYON	6437
BRUSHY CANYON	8022			BRUSHY CANYON	8022
BONE SPRING LIMESTONE	9287			BONE SPRING LIMESTONE	9287

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

1ST BONE SPRING 10461  
 1ST BONE SPRING SHALE 10643  
 2ND BONE SPRING 11058  
 2ND BONE SPRING BASE 11502  
 3RD BONE SPRING 12054  
 3RD BONE SPRING W 12578

## 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 #489096 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Hobbs

Name (please print) AMANDA AVERYTitle REGULATORY ANALYSTSignature (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 \*\***