

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 AUTHORIZED TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-45112	⁵ Pool Name WC-025 G-09 S243532M; WOLFBONE	⁶ Pool Code 98098
⁷ Property Code 322259	⁸ Property Name Fascinator Federal Com	⁹ Well Number 702H

II. ¹⁰ Surface Location

UI or lot no. C	Section 30	Township 24S	Range 35E	Lot Idn	Feet from the 210	North/South Line North	Feet from the 2100	East/West line West	County Lea
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹¹ Bottom Hole Location

UI or lot no. N	Section 31	Township 24S	Range 35E	Lot Idn	Feet from the 188	North/South Line South	Feet from the 1928	East/West line West	County Lea
¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/18/19	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
	ACC	O
	Targa	G
	Holly Refining and Marketing Co.	O

IV. Well Completion Data

²¹ Spud Date 12/13/18	²² Ready Date 9/18/19	²³ TD 22620'	²⁴ PBTD 22500'	²⁵ Perforations 13,033-22,458'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	1204'	1010		
12 1/4"	9 5/8"	11867'	2765		
8 1/2"	5 1/2"	22606'	4205		
	2 7/8	12012'			

V. Well Test Data

³¹ Date New Oil 9/18/19	³² Gas Delivery Date 9/18/19	³³ Test Date 9/18/19	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 2450#	³⁶ Csg. Pressure 3500#
³⁷ Choke Size 20/64	³⁸ Oil 454	³⁹ Water 1790	⁴⁰ Gas 408		⁴¹ Test Method Flowing
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: <i>Amanda Avery</i>			OIL CONSERVATION DIVISION		
Printed name: Amanda Avery			Approved by: <i>[Signature]</i> Title: <i>Petroleum Engineer</i>		
Title: Regulatory Analyst			Approval Date: <i>10/21/19</i>		
E-mail Address: aavery@concho.com					
Date: 10/15/19		Phone: 575-748-6962			

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**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.FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 20185. 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 702H9. API Well No.
30-025-4511210. Field and Pool or Exploratory Area
WC-025 G-09 S243532M; WO11. 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: 575-748-69404. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 30 T24S R35E Mer NMP NENW 210FNL 2100FWL
32.195172 N Lat, 103.408368 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 Hydraulic Fracture
	<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.

3/29/19 Test annulus to 1500# Set Composite Bridge plug @ 22,500' and test csg to 11,580#. Test Good.

7/24/19 to 8/15/19 Perf 13,033-22,458' (1728). Acdz w/72,314 gal 7 1/2%; frac w/ 19,273,310# sand & 16,777,966 gal fluid.

8/22/19 to 8/23/19 Drilled out CFP's. Clean down to PBTD @ 22,500'.

8/29/19 -8/30/19 Set 2 7/8" 6.5# L-80 tbg @ 12,012' packer @ 12,002'. Installed gas lift system.

9/18/19 Began flowing back & testing Date of first production

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

**Electronic Submission #488076 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 10/15/2019

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 MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OCD
OCT 18 2019
RECEIVED

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NMNM14164	
b. Type of Completion <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
2. Name of Operator COG OPERATING LLC		7. Unit or CA Agreement Name and No.	
Contact: AMANDA AVERY E-Mail: aavery@concho.com		8. Lease Name and Well No. FASCINATOR FEDERAL COM 702H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210		9. API Well No. 30-025-45112	
3a. Phone No. (include area code) Ph: 575-748-6940		10. Field and Pool, or Exploratory WC-025 G-09 S243532M; WO	
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 2100FWL 32.195172 N Lat, 103.408368 W Lon At top prod interval reported below Sec 30 T24S R35E Mer NMP NENW Lot C 210FNL 2100FWL 32.195172 N Lat, 103.408368 W Lon At total depth Sec 31 T24S R35E Mer NMP SESW Lot N 188FSL 1928FWL 32.167237 N Lat, 103.408863 W Lon		11. Sec., T., R., M., or Block and Survey or Area Sec 30 T24S R35E Mer NMP	
14. Date Spudded 12/13/2018		15. Date T.D. Reached 01/24/2019	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/18/2019		17. Elevations (DF, KB, RT, GL)* 3375 GL	
18. Total Depth: MD 22620 TVD 12885		19. Plug Back T.D.: MD 22500 TVD 12885	
20. Depth Bridge Plug Set: MD 22500 TVD 12885		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> 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	1204		1010		0	
12.250	9.625 L80	47.0	0	11867	6470	2765		0	
8.500	5.500 P110	23.0	0	22606		4205		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	12012	12002						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	13033	22458	13033 TO 22458		1728	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
13033 TO 22458	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
09/18/2019	09/18/2019	24	→	454.0	408.0	1790.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	2450	3500.0	→	454	408	1790		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. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #488075 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	848			RUSTLER	848
TOP OF SALT	1275			TOP OF SALT	1275
BOTTOM OF SALT	5119			BOTTOM OF SALT	5119
LAMAR	5434			LAMAR	5434
BELL CANYON	5482			BELL CANYON	5482
CHERRY CANYON	6457			CHERRY CANYON	6457
BRUSHY CANYON	8032			BRUSHY CANYON	8032
BRUSHY CANYON A	9093			BRUSHY CANYON	9093

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 9290
 1ST BONE SPRING 10465
 1ST BONE SPRING SHALE 10650
 2ND BONE SPRING 11059
 2ND BONE SPRING BASE 11501
 3RD BONE SPRING 12044
 3rd BONE SPRING W 12396
 WOLFCAMP 12557

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 #488075 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 10/15/2019

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 ****

Additional data for transaction #488075 that would not fit on the form

32. Additional remarks, continued

WOLFCAMP LITHOLOGY 12705