

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
1220 S. St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

AMENDED REPORT

I. REQUEST FOR APPLICATION AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W. Main Street Artesia, NM 88210		² OGRID Number 229137	
RECEIVED		³ Reason for Filing Code/ Effective Date NW	
⁴ API Number 30 - 025-45109	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 603H	

II. ¹⁰ 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

¹¹ 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

¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 9/22/19	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
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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 11/7/18	²² Ready Date 9/22/19	²³ TD 22521'	²⁴ PBSD 22341'	²⁵ Perforations 12,893-22,340'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ 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

³¹ Date New Oil 9/22/19	³² Gas Delivery Date 9/22/19	³³ Test Date 9/22/19	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 2700#	³⁶ Csg. Pressure 1500#
³⁷ Choke Size 27/64	³⁸ Oil 1136	³⁹ Water 3701	⁴⁰ Gas 1486		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> Printed name: Amanda Avery Title: Regulatory Analyst E-mail Address: aavery@concho.com Date: 10/15/19	OIL CONSERVATION DIVISION	
	Approved by: <i>[Signature]</i>	
	Title: Petroleum Engineer	
	Approval Date: <i>10/21/19</i>	
	Phone: 575-748-6962	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM 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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
FASCINATOR FEDERAL COM 603H

9. API Well No.
30-025-45109

10. Field and Pool or Exploratory Area
WC-025 G-09 S243532M; WOL

11. County or Parish, State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: AMANDA AVERY
E-Mail: aaavery@concho.com

3a. Address
2208 W MAIN STREET
ARTESIA, NM 88210

3b. 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 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 recomplete 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 recompletion 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 22,407-22417'. 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 PBSD @ 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 MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

HOBBS OCD
OCT 18 2019
RECEIVED

5. Lease Serial No.
NMNM14164

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. 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 603H

3. Address 2208 W MAIN STREET
ARTESIA, NM 88210

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

9. API Well No.
30-025-45109

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 Lon
 Sec 30 T24S R35E Mer NMP
 At top prod interval reported below NWNW Lot 1 210FNL 950FWL 32.195171 N Lat, 103.412090 W Lon
 Sec 31 T24S R35E Mer NMP
 At total depth SWSW Lot 4 201FSL 1003FWL 32.167275 N Lat, 103.411851 W Lon

10. Field and Pool, or Exploratory
WC-025 G-09 S243532M; WOL

11. Sec., T., R., M., or Block and Survey
or Area Sec 30 T24S R35E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
11/30/2018

15. Date T.D. Reached
05/02/2019

16. Date Completed
 D & A Ready to Prod.
09/22/2019

17. Elevations (DF, KB, RT, GL)*
3373 GL

18. Total Depth: MD 22521
TVD 12571

19. Plug Back T.D.: MD 22341
TVD 12571

20. Depth Bridge Plug Set: MD 22430
TVD 12571

21. Type Electric & 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	
			→						

(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 AVERY Title 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 ****