

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

HOBBS OGD

Submit one copy to appropriate District Office

SEP 06 2018

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 2208 W Main Street Artesia, NM 88210		² OGRID Number 229137
⁴ API Number 30 - 025-43689		³ Reason for Filing Code/ Effective Date NW
⁵ Pool Name Wildcat; Wolfcamp	⁶ Pool Code 98094	
⁷ Property Code 317530	⁸ Property Name Columbus Federal Com	⁹ Well Number 21H

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
A	34	25S	33E		210	N	330	E	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
P	3	26S	33E		200	South	359	E	Lea

¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 6/8/18	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
	Alpha Crude Connector Pipeline	O
298751	Energy Transfer 2001 Bryan Street Ste 3700 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
7/16/17	6/07/18	22321 <i>12453</i>	22205	12650-22150	

²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement
13 1/2	10 3/4"	1086'	600
9 7/8	7 5/8	11,675'	2532
6 3/4	5 1/2	11127'	
6 3/4	5	11127-22306'	2150

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
6/7/18	6/8/18	6/8/18	24 Hrs	4200	2400

³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method
18/64	119	452	669	

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:

Printed name:
Amanda Avery
Title:
Regulatory Tech
E-mail Address:
aavery@concho.com
Date:
08/22/18

Phone:
575-748-6940

OIL CONSERVATION DIVISION

Approved by: *Karen Sharp*
Title: *Staff Mgr*
Approval Date: *9-8-18*

Documents pending BLM approvals will subsequently be reviewed and scanned

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

HOBBS OCD

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SEP 06 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.

RECEIVED

5. Lease Serial No.
NMNM119277

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM137333

8. Well Name and No.
COLUMBUS FEDERAL COM 21H

9. API Well No.
30-025-43689

10. Field and Pool or Exploratory Area
WILDCAT; WOLFCAMP

11. County or Parish, State
LEA COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: AMANDA AVERY
E-Mail: aavery@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 34 T25S R33E NENE 210FNL 330FEL

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 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.

9/26/17 Ran CBL. TOC @ 225'
11/18/17 to 1/31/18 Test annulus to 1500# for 15 mins. Set CBP @ 22165' and test to 11,040#.
Perf 12650-22150' (2816). Acdz w/184,086 gals 7 1/2%; frac w/18,126,222# sand and 19,305,720 gals fluid.
2/03/18 to 2/24/18 Drilled out CFP's. Clean down to CBP @ 22,165'.
02/26/18 Set 2 7/8" 6.5# L-80 tbg @ 11,300' & pkr @ 11,293'. Installed gas-lift system.
6/07/18 Began flowing back & testing.
6/07/18 Date of first production.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #432905 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 08/27/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE 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 _____

Documents 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 States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

HOBBS OCD

Form 316 (August 2007)

SEP 06 2018

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

RECEIVED

COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. MNM119277

1a. Type of Well [X] Oil Well [] Gas Well [] Dry [] Other []
b. Type of Completion [X] 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. MNM137333

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

8. Lease Name and Well No. COLUMBUS FEDERAL COM 21H

3. Address 2208 W MAIN STREET ARTESIA, NM 88210 3a. Phone No. (include area code) Ph: 575-748-6940

9. API Well No. 30-025-43689

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NENE 210FNL 330FEL 32.093685 N Lat, 103.552727 W Lon
At top prod interval reported below NENE 210FNL 330FEL 32.093685 N Lat, 103.552727 W Lon
At total depth 200FSL 359FEL 32.065793 N Lat, 103.552812 W Lon

10. Field and Pool, or Exploratory WILDCAT; WOLFCAMP

11. Sec., T., R., M., or Block and Survey or Area Sec 34 T25S R33E Mer

12. County or Parish LEA 13. State NM

14. Date Spudded 07/16/2017 15. Date T.D. Reached 09/15/2017 16. Date Completed [] D & A [X] Ready to Prod. 06/07/2018

17. Elevations (DF, KB, RT, GL)* 3324 GL

18. Total Depth: MD 22321 TVD 12510 19. Plug Back T.D.: MD 22205 TVD 12510 20. Depth Bridge Plug Set: MD 22165 TVD 12510

21. Type Electric & Other Mechanical Logs Run (Submit copy of each) 22. Was well cored? [X] No [] Yes (Submit analysis) Was DST run? [X] No [] Yes (Submit analysis) Directional Survey? [] No [X] Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Table with columns: 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

24. Tubing Record

Table with columns: Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD), Size, Depth Set (MD), Packer Depth (MD)

25. Producing Intervals

26. Perforation Record

Table with columns: Formation, Top, Bottom, Perforated Interval, Size, No. Holes, Perf. Status

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

Table with columns: Depth Interval, Amount and Type of Material

28. Production - Interval A

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity, Production Method

28a. Production - Interval B

Table with columns: Date First Produced, Test Date, Hours Tested, Test Production, Oil BBL, Gas MCF, Water BBL, Oil Gravity Corr. API, Gas Gravity

Documents pending BLM approvals will subsequently be reviewed and scanned

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

ELECTRONIC SUBMISSION #432906 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OP

..-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
RSLR	1020	1020			
TOS	1404	1404			
BOS	4732	4731			
LMAR	4996	4995			
BLCN	5020	5020			
BLCN	5036	5036			
CYCN	6037	6037			
BYCN	7654	7653			

32. Additional remarks (include plugging procedure):

BSGL 9134 9133
 FBSG 10097 10096
 SBSG 10708 10707
 TBSG 11767 11766
 WFMP 12311 12239

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 #432906 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 08/27/2018

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.

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