

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

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-104
Revised August 1, 2011

Submit one copy to appropriate District Office

☐ 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
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-43693	⁵ Pool Name Bobcat Draw; Upper Wolfcamp	⁶ Pool Code 98094
⁷ Property Code 317530	⁸ Property Name Columbus Federal Com	⁹ Well Number 22H

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	North	1300	East	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		230	South	980	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/12/18	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
	Alpha Crude Connector Pipeline	O
298751	Energy Transfer 2001 Bryan Street - Ste 3700 Dallas, TX 75201	G

IV. Well Completion Data

²¹ Spud Date 4/6/17	²² Ready Date 3/10/18	²³ TD 22360'	²⁴ PBSD 22257'	²⁵ Perforations 12639-22235'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
26"	20"	1110'	1750		
17 1/2"	13 3/8"	5014'	3400		
12 1/4"	9 5/8"	11760'	1600		
8 1/2"	5 1/2"	22330'	3800		
	2 7/8"	11973'			

V. Well Test Data

³¹ Date New Oil 3/11/18	³² Gas Delivery Date 3/12/18	³³ Test Date 3/11/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 4500#	³⁶ Csg. Pressure 1800#
³⁷ Choke Size 18/64"	³⁸ Oil 93	³⁹ Water 2015	⁴⁰ Gas 587		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: 

Printed name:
Stormi Davis

Title:
Regulatory Analyst

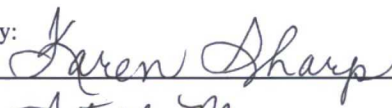
E-mail Address:
sdavis@concho.com

Date:
3/28/18

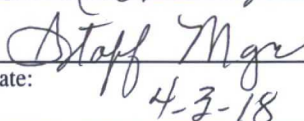
Phone:
575-748-6946

OIL CONSERVATION DIVISION

Approved by:



Title:



Approval Date:

4-3-18

Pending BLM approvals will
subsequently be reviewed
and scanned

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. NMNM119277
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
Contact: STORMI DAVIS E-Mail: sdavis@concho.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 2208 WEST MAIN ARTESIA, NM 88210	3b. Phone No. (include area code) Ph: 575-748-6946	8. Well Name and No. COLUMBUS FEDERAL COM 22H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 34 T25S R33E Mer NMP NENE 210FNL 1300FEL		9. API Well No. 30-025-43693
		10. Field and Pool or Exploratory Area BOBCAT DRAW;UP WOLFCAMP
		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	
	<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.

9/7/17 to 2/8/18 Test annulus to 1500# for 15 mins. Set CBP @ 22257' and test to 8535#. Test csg to 11516#. Good test. Perf 12639-22235' (2816). Acdz w/196,728 gals 7 1/2%; frac w/19,242,546# sand and 19,630,422 gals fluid.

2/14/18 to 2/20/18 Drilled out CFP's. Clean down to CBP @ 22257'.

3/1/18 Set 2 7/8" 6.5# L-80 tbg @ 11973' & pkr @ 11957'. Installed gas-lift system.

3/10/18 Began flowing back & testing.

3/11/18 Date of first production.

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

Electronic Submission #409525 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 03/28/2018

THIS SPACE FOR FEDERAL OR STATE

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

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 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

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. NMNM119277		
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"/> Diff. Resvr. Other _____			6. If Indian, Allottee or Tribe Name		
2. Name of Operator COG OPERATING LLC			7. Unit or CA Agreement Name and No.		
Contact: STORMI DAVIS E-Mail: sdavis@concho.com			8. Lease Name and Well No. COLUMBUS FEDERAL COM 22H		
3. Address 2208 WEST MAIN ARTESIA, NM 88210			9. API Well No. 30-025-43693		
3a. Phone No. (include area code) Ph: 575-748-6946			10. Field and Pool, or Exploratory BOBCAT DRAW; UP WOLFCAMP		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 34 T25S R33E Mer NMP At surface NENE 210FNL 1300FEL At top prod interval reported below Sec 3 T26S R33E Mer NMP At total depth SESE 230FSL 980FEL			11. Sec., T., R., M., or Block and Survey or Area Sec 34 T25S R33E Mer NMP		
12. County or Parish LEA			13. State NM		
14. Date Spudded 04/06/2017		15. Date T.D. Reached 05/30/2017		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 03/10/2018	
17. Elevations (DF, KB, RT, GL)* 3325 GL					
18. Total Depth: MD 22360 TVD 12483		19. Plug Back T.D.: MD 22257 TVD 12483		20. Depth Bridge Plug Set: MD 22257 TVD 12483	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) NONE			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
26.000	20.000 K55	106.5	0	1110		1750		0	
17.500	13.375 L80	68.0	0	5014		3400		0	
12.250	9.625 L80	47.0	0	11760		1600		0	
8.500	5.500 P110	23.0	0	22330		3800		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	11973	11957						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12639	22235	12639 TO 22235	0.430	2816	OPEN
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12639 TO 22235	SEE ATTACHED

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
03/11/2018	03/11/2018	24	→	93.0	587.0	2015.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	4500	1800.0	→	93	587	2015		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
			→					
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Stat.
			→					

Pending BLM approvals will
subsequently be reviewed
and scanned

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

ELECTRONIC SUBMISSION #409534 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
LAMAR	4963	5018		RUSTLER	1018
BELL CANYON	5019	6038		TOS	1403
CHERRY CANYON	6039	7653		BOS	4695
BRUSHY CANYON	7654	9100		LAMAR	4963
BONE SPRING LM	9101	10120		BELL CANYON	5019
1ST BONE SPRING	10121	10828		CHERRY CANYON	6039
2ND BONE SPRING	10829	11763		BRUSHY CANYON	7654
3RD BONE SPRING	11764	12261		BONE SPRING LM	9101

32. Additional remarks (include plugging procedure):
Surveys and Perfs/Stimulation are attached.

Additional Tops:

Wolfcamp: 12262'

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 #409534 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs

Name (please print) STORMI DAVIS

Title PREPARER

Signature (Electronic Submission)

Date 03/28/2018

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.

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

COLUMBUS FEDERAL COM #22H (30-025-43693)

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	300444	280308
2	3024	301073	304332
3	3234	301781	306852
4	3024	303205	305718
5	3024	298190	309750
6	3024	300778	306180
7	2940	301055	322518
8	2982	301060	315336
9	3234	299875	299208
10	3024	299598	309834
11	3024	301918	357756
12	3066	302790	306054
13	3024	301338	314958
14	3024	300973	296268
15	4914	299257	324786
16	3024	300170	301896
17	2730	300943	296814
18	3024	301679	308196
19	2940	302728	301728
20	3024	302327	306222
21	3024	300857	307272
22	3024	298267	293706
23	3024	301254	301266
24	2982	302763	361284
25	3024	301566	298242
26	2856	298877	292110
27	3066	299854	300426
28	3150	300878	302400
29	3024	303737	298158
30	3024	300869	299838
31	3024	301325	296478
32	3024	295415	291186
33	3024	300444	317394
34	3024	303587	299838
35	3024	302810	294168
36	3276	300644	290430
37	3066	301212	299796
38	3024	299292	296478
39	3024	300010	298746
40	3024	299647	325584
41	3024	300427	293832
42	3108	298982	303954
43	3024	299533	299040
44	3024	301101	297822
45	3024	301481	299166
46	3024	299834	300216
47	3024	299851	300426
48	2772	300407	373128
49	2982	300458	325206
50	3024	299964	314412
51	3024	299906	332388
52	3066	301220	312606
53	3066	194536	259350
54	3024	310549	308364
55	2940	313660	319032
56	3024	305369	318234
57	3024	309916	299376
58	3024	307081	304164
59	3108	310235	304794
60	3024	314080	305172
61	3024	311879	302274
62	3066	310830	302946
63	5712	314919	314538
64	3024	301838	300468
Totals	196,728	19,242,546	19,630,422