

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 - 025-43838	⁵ Pool Name WC-025 G-09 S243532M; Wolfbone	⁶ Pool Code 98098
⁷ Property Code 315644	⁸ Property Name Stove Pipe Federal Com	⁹ Well Number 1H

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	6	25S	35E	1	420	North	515	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	7	25S	35E		535	South	327	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 1/29/18	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
24650	Targa Midstream Services, LP 1000 Louisiana - Ste 4700 Houston, TX 77002	G

IV. Well Completion Data

²¹ Spud Date 7/11/17	²² Ready Date 1/27/18	²³ TD 22017' 12415'	²⁴ PBTD 21940'	²⁵ Perforations 12645-21915'	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2"	13 3/8"	902'	725		
12 1/4"	9 5/8"	11882'	2300		
8 1/2"	5 1/2"	22007'	4325		
	2 7/8"	12040'			

V. Well Test Data

³¹ Date New Oil 1/28/18	³² Gas Delivery Date 1/29/18	³³ Test Date 1/30/18	³⁴ Test Length 24 Hrs	³⁵ Tbg. Pressure 3500#	³⁶ Csg. Pressure
³⁷ Choke Size 22/64" 34	³⁸ Oil 1413	³⁹ Water 2643	⁴⁰ Gas 1844		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: 

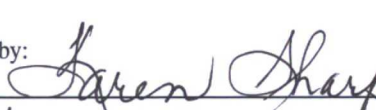
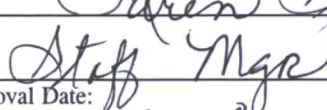
Printed name:
Stormi Davis

Title:
Regulatory Analyst

E-mail Address:
sdavis@concho.com

Date:
2/5/18

Phone:
575-748-6946

OIL CONSERVATION DIVISION	
Approved by: 	
Title: 	
Approval Date: 2-13-18	
Pending BLM approvals will subsequently be reviewed and scanned	

GCP5-30-17

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. NMNM114997
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2208 WEST MAIN ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-6946		8. Well Name and No. STOVE PIPE FEDERAL COM 1H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T25S R35E Mer NMP NENE 420FNL 515FEL		9. API Well No. 30-025-43838
		10. Field and Pool or Exploratory Area WILDCAT; WOLFBONE
		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 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.

10/9/17 Set CBP @ 21940' and test csg to 11490# for 30 mins. Good test. Perf 21905-21915' (60). Injection test.

12/4/17 to 1/7/18 Perf 12645-21841' (2684). Acdz w/180,180 gal 15%; frac w/23,257,336# sand & 23,635,543 gal fluid.

1/11/18 to 1/13/18 Drilled out CFP's. Clean down to CBP @ 21940'.

1/25/18 Set 2 7/8" 6.5# L-80 tbg @ 12040' & pkr @ 12024'. Installed gas-lift system.

1/27/18 Began flowing back & testing.

1/28/18 Date of first production.

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

Electronic Submission #403470 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 02/06/2018

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 _____

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

Department or agency of the United States

(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
FEB 09 2018
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. NMNM114997	
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"/> Drift Resrv. 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. STOVE PIPE FEDERAL COM 1H	
3. Address 2208 WEST MAIN ARTESIA, NM 88210		9. API Well No. 30-025-43838	
3a. Phone No. (include area code) Ph: 575-748-6946		10. Field and Pool, or Exploratory WOLFBONE	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 6 T25S R35E Mer NMP At surface NENE Lot 1 420FNL 515FEL At top prod interval reported below Sec 7 T25S R35E Mer NMP At total depth SESE 535FSL 327FEL		11. Sec., T., R., M., or Block and Survey or Area Sec 6 T25S R35E Mer NMP	
14. Date Spudded 07/11/2017		15. Date T.D. Reached 08/12/2017	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 01/27/2018		17. Elevations (DF, KB, RT, GL)* 3295 GL	
18. Total Depth: MD 22017 TVD 12415		19. Plug Back T.D.: MD 21940 TVD 12417	
20. Depth Bridge Plug Set: MD 21940 TVD 12417		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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 L80	68.0	0	902		725		0	
12.250	9.625 P110	47.0	0	11882	5323	2300		0	
8.500	5.500 P110	23.0	0	22007		4325		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	12040	12024						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12645	21915	12645 TO 21841	0.430	2684	OPEN
B)			21905 TO 21915		60	OPEN
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
12645 TO 21841	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
01/28/2018	01/30/2018	24	→	1413.0	1844.0	2643.0			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	
22/64	3500		→	1413	1844	2643		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 #403668 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	5452	5487		RUSTLER	807
BELL CANYON	5488	6472		TOS	1205
CHERRY CANYON	6473	8056		BOS	5090
BRUSHY CANYON	8057	9325		LAMAR	5452
BONE SPRING LM	9326	10564		BELL CANYON	5488
1ST BONE SPRING	10565	11055		CHERRY CANYON	6473
2ND BONE SPRING	11056	12207		BRUSHY CANYON	8057
3RD BONE SPRING	12208	12520		BONE SPRING LM	9326

32. Additional remarks (include plugging procedure):

Additional Tops:

1st Bone Spring: 10565'
2nd Bone Spring: 11056'
3rd Bone Spring: 12208'

Surveys and Perfs/Stimulation are attached.

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 #403668 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 02/07/2018

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 ****

STOVE PIPE FEDERAL COM #1H (30-025-43838)

<u>Perfs</u>	<u>15% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	3486	382296	411012
2	2394	382349	387408
3	2268	384691	391020
4	3024	382653	384720
5	3024	384659	397152
6	3024	382738	385392
7	3024	382038	419622
8	3024	383062	392070
9	3024	382507	370986
10	3024	382897	392780
11	3024	382990	386106
12	3024	382038	384804
13	3024	382506	389592
14	3024	380931	379386
15	3024	383090	388164
16	3024	383634	384888
17	3024	382061	386652
18	3024	379848	396312
19	3024	382179	383166
20	3024	382928	384468
21	3024	383535	384300
22	3024	382188	387660
23	3024	382796	376152
24	2310	382091	387912
25	2268	382178	509964
26	3024	382899	374514
27	3024	383953	378486
28	2310	382847	388106
29	2268	382571	375942
30	3024	383091	360318
31	3024	383148	383922
32	3024	383743	448938
33	3024	383957	379386
34	2226	382541	376278
35	3024	383248	380394
36	3024	382226	376698
37	3024	385004	370146
38	4536	382001	377622
39	3024	382584	371910
40	3024	382529	371280
41	4032	383543	417608
42	3024	383987	419664
43	3024	382319	374850
44	3024	383130	383460
45	3024	383762	373506
46	3024	382064	376572
47	3024	388003	371742
48	3024	384251	377202
49	1848	381237	362166
50	3024	382041	375350
51	3024	331201	444864
52	3024	382901	368214
53	3024	384019	377412
54	3024	381867	368886
55	3024	382007	416010
56	3024	339049	357378
57	2058	382107	369936
58	3024	382383	370692
59	3024	382065	372372
60	3024	382010	376572
61	3024	382165	425460
Totals	180,180	23,257,336	23,635,543