

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

5. Lease Serial No.
NMNM134886

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

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

3. Address **ONE CONCHO CENTER 600 W ILLINOIS AVENUE** 3a. Phone No. (include area code)
MIDLAND, TX 79701-4287 Ph: **575-748-6940**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface **NWNW 210FNL 1080FWL 32.224207 N Lat, 103.394575 W Lon**
Sec 17 T24S R35E Mer NMP
At top prod interval reported below **NWNW 210FNL 1080FWL 32.224207 N Lat, 103.394575 W Lon**
Sec 20 T24S R35E Mer NMP
At total depth **SWSW 200FSL 987FWL**

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
BONAI FEDERAL COM 15H

9. API Well No.
30-025-45057-00-S1

10. Field and Pool, or Exploratory
WC025G09S243532M-WOLFBONE

11. Sec., T., R., M., or Block and Survey or Area
Sec 17 T24S R35E Mer NMP

12. County or Parish
LEA

13. State
NM

14. Date Spudded
03/24/2019

15. Date T.D. Reached
10/06/2019

16. Date Completed
 D & A Ready to Prod.
12/09/2019

17. Elevations (DF, KB, RT, GL)*
3375 GL

18. Total Depth: MD **21799** TVD **12320**

19. Plug Back T.D.: MD **21575** TVD **12320**

20. Depth Bridge Plug Set: MD **21710** TVD **12320**

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	944		1050		0	
12.250	9.625 L80	47.0	0	11154	5223	1710		0	
8.500	5.500 P110	23.0	0	21784		3490		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	9576	9566						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE			12052 TO 21615		1568	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12052 TO 21615	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
12/20/2019	12/20/2019	24		778.0	901.0	3088.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
27/64	SI 3475	1425.0		778	901	3088		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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI								

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

ELECTRONIC SUBMISSION #500386 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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	778			RUSTLER	778
TOP OF SALT	1151			TOP OF SALT	1151
BASE OF SALT	4888			BASE OF SALT	4888
LAMAR	5256			LAMAR	5256
BELL CANYON	5284			BELL CANYON	5284
CHERRY CANYON	6232			CHERRY CANYON	6232
BRUSHY CANYON	7677			BRUSHY CANYON	7677
BONE SPRING 2ND	8997			BONE SPRING 2ND	8997

32. Additional remarks (include plugging procedure):

FIRST BONE SPRING 10016
SECOND BONE SPRING 10585
THIRD BONE SPRING 11591

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 #500386 Verified by the BLM Well Information System.
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH HAM on 01/31/2020 (20DMH0044SE)**

Name (please print) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission) Date 01/22/2020

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.

Revisions to Operator-Submitted EC Data for Well Completion #500386

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM134866	NMNM134886
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
Admin Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY AUTHORIZED REPRESENTATIVE E-Mail: aavery@concho.com Ph: 575-748-6940
Tech Contact:	AMANDA AVERY REGULATORY ANALYST E-Mail: aavery@concho.com Ph: 575-748-6940	AMANDA AVERY AUTHORIZED REPRESENTATIVE E-Mail: aavery@concho.com Ph: 575-748-6940
Well Name: Number:	BONAIID FEDERAL COM 15H	BONAIID FEDERAL COM 15H
Location:		
State:	NM	NM
County:	LEA	LEA
S/T/R:	Sec 17 T24S R35E Mer NMP	Sec 17 T24S R35E Mer NMP
Surf Loc:	NWNW Lot D 210FNL 1080FWL 32.224207 N Lat, 103.394575 W Lon	NWNW Lot D 210FNL 1080FWL 32.224207 N Lat, 103.394575 W Lon
Field/Pool:	WC-025 G-09 S243532M; WB	WC025G09S243532M-WOLFBONE
Logs Run:		
Producing Intervals - Formations:	WOLFBONE	WOLFBONE
Porous Zones:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND
Markers:	RUSTLER TOP OF SALT BOTTOM OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE	RUSTLER TOP OF SALT BASE OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND