

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 14 2020

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

EMNRD-009 ARTESIA

Lease Serial No.  
NMNM57261

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
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 _____			7. Unit or CA Agreement Name and No.		
2. Name of Operator COG OPERATING LLC			8. Lease Name and Well No. HAMBONE FEDERAL COM 26H		
Contact: AMANDA AVERY E-Mail: aavery@concho.com					
3. Address 2208 W MAIN STREET ARTESIA, NM 88210			9. API Well No. 30-015-45664		
3a. Phone No. (include area code) Ph: 575-748-6940					
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 8 T26S R29E Mer NMP At surface SESW Lot N 330FSL 2443FWL 32.050573 N Lat, 104.007048 W Lon Sec 8 T26S R29E Mer NMP At top prod interval reported below SESW Lot N 330FSL 2443FWL 32.050573 N Lat, 104.007048 W Lon Sec 5 T26S R29E Mer NMP At total depth NWNE Lot 2 202FNL 2276FEL 32.078389 N Lat, 104.005253 W Lon			10. Field and Pool, or Exploratory PURPLE SAGE; WOLFCAMP GAS		
			11. Sec., T., R., M., or Block and Survey or Area Sec 8 T26S R29E Mer NMP		
			12. County or Parish EDDY		13. State NM
14. Date Spudded 02/08/2019		15. Date T.D. Reached 04/21/2019	16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 08/31/2019		17. Elevations (DF, KB, RT, GL)* 2894 GL
18. Total Depth: MD 20989 TVD 10791		19. Plug Back T.D.: MD 20875 TVD 10791		20. Depth Bridge Plug Set: MD 20885 TVD 10791	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			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	100.6	0	387		870		0	
17.500	13.375 J55	61.0	0	2833		2110		0	
12.250	9.625 L80	47.0	0	10190		1775		0	
8.500	5.500 P110	23.0	0	20978		4075		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	10233	10213						

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	11250	20798	11250 TO 20798		1728	OPEN
B)						
C)						
D)						

## 26. Perforation Record

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

Depth Interval	Amount and Type of Material
11250 TO 20798	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
08/31/2019	08/31/2019	24	→	51.0	2148.0	1912.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
19/64	3950	2150.0	→	51	2148	1912		PGW	

## 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. SI	Csg. Press. SI	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 #483364 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
CHERRY CANYON	3666			CHERRY CANYON	3666
BRUSHY CANYON	4972			BRUSHY CANYON	4972
BONE SPRING LIMESTONE	6524			BONE SPRING LIMESTONE	6524
1ST BONE SPRING	7441			1ST BONE SPRING	7441
2ND BONE SPRING	8127			2ND BONE SPRING	8127
3RD BONE SPRING	9325			3RD BONE SPRING	9325
WOLFCAMP	9692			WOLFCAMP	9692
WOLFCAMP B	10104			WOLFCAMP B	10104

## 32. Additional remarks (include plugging procedure):

WOLFCAMP C 10412  
WOLFCAMP D 10737

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)  
5. Sundry Notice for plugging and cement verification

2. Geologic Report  
6. Core Analysis

3. DST Report  
7. Other:  
4. Directional Survey

## 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 #483364 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Carlsbad

Name (please print) AMANDA AVERYTitle AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission)

Date 09/13/2019

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 \*\***