

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

**1a. Type of Well** ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other

**b. Type of Completion** ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Inf. Resvr.

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

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

**4. Location of Well (Report location clearly and in accordance with Federal requirements)\***  
At surface NWNE 210FNL 2132FEL 32.078998 N Lat, 103.353738 W Lon  
At top prod interval reported below NWNE 210FNL 2132FEL 32.078998 N Lat, 103.353738 W Lon  
At total depth SWSE 200FSL 1956FEL

**5. Lease Serial No.** NMNM120365

**6. If Indian, Allottee or Tribe Name**

**7. Unit or CA Agreement Name and No.**

**8. Lease Name and Well No.** HENNIN FEDERAL 12H

**9. API Well No.** 30-025-44640-00-S1

**10. Field and Pool, or Exploratory** WILDCAT BONE SPRING

**11. Sec., T., R., M., or Block and Survey or Area** Sec 3 T26S R35E Mer NMP

**12. County or Parish** LEA **13. State** NM

**14. Date Spudded** 05/19/2018 **15. Date T.D. Reached** 07/09/2018 **16. Date Completed** 10/19/2018  
☐ D & A ☒ Ready to Prod.

**17. Elevations (DF, KB, RT, GL)\*** 3170 GL

**18. Total Depth:** MD 17199 TVD 12443 **19. Plug Back T.D.:** MD 16962 TVD 12443 **20. Depth Bridge Plug Set:** MD 17065 TVD 12443

**21. Type Electric & Other Mechanical Logs Run (Submit copy of each)** 3170 GL

**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
14.750	10.750 L80	45.5	0	1009		850		0	
6.750	5.500 P110	23.0	0	11317				0	
9.875	7.625 L80	29.7	0	11720	5278	1950		0	
6.750	5.000 P110	18.0	11317	17180		1260		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	11456	11446						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRING	12496	16949	12496 TO 16949		750	
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12496 TO 16949	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
10/19/2018	10/19/2018	24	→	229.0	2586.0	512.0			
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
18/64	SI 3800	2800.0	→	229	2586	512		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 #447676 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\*

Reclamation Due 4-19-2019

OCD Hobbs  
HOBB'S OCD  
APR 16 2019  
RECEIVED

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE  
MAY 6 2019  
ACCEPTED FOR RECORD

## 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	932			RUSTLER	932
TOP OF SALT	1262			TOP OF SALT	1262
LAMAR	5251			LAMAR	5251
BELL CANYON	5273			BELL CANYON	5273
CHERRY CANYON	6185			CHERRY CANYON	6185
BRUSHY CANYON	7800			BRUSHY CANYON	7800
BONE SPRING 1ST	10357			BONE SPRING 1ST	10357
BONE SPRING 2ND	10889			BONE SPRING 2ND	10889

32. Additional remarks (include plugging procedure):  
BONE SPRING 3rd 12008

## 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 #447676 Verified by the BLM Well Information System.

For COG OPERATING LLC, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH HAM on 01/29/2019 (19DMH0039SE)

Name (please print) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/13/2018

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.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***