

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMNM101609

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Resvr.  
 Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

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

8. Lease Name and Well No.  
**TIN FOIL FEDERAL COM 604H**

3. Address **2208 W MAIN STREET ARTESIA, NM 88210** 3a. Phone No. (include area code)  
Ph: **575-748-6940**

9. API Well No.  
**30-025-46562**

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
 At surface **Sec 23 T25S R35E Mer NMP Lot M 400FSL 1310FWL 32.109688 N Lat, 103.342633 W Lon**  
 At top prod interval reported below **Sec 23 T25S R35E Mer NMP Lot M 400FSL 1310FWL 32.109688 N Lat, 103.342633 W Lon**  
 At total depth **Sec 14 T25S R35E Mer NMP Lot D 49FNL 1298FWL 32.137482 N Lat, 103.342666 W Lon**

10. Field and Pool, or Exploratory  
**WC-025 G-09 S253502D; WC**

11. Sec., T., R., M., or Block and Survey or Area  
**Sec 23 T25S R35E Mer NMP**

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

14. Date Spudded **12/14/2019** 15. Date T.D. Reached **01/14/2020** 16. Date Completed  
 D & A  Ready to Prod.  
**06/09/2020**

17. Elevations (DF, KB, RT, GL)\*  
**3179 GL**

18. Total Depth: MD **22475** TVD **12236** 19. Plug Back T.D.: MD **22365** TVD **12236** 20. Depth Bridge Plug Set: MD **22365** TVD **12236**

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
14.750	10.750 J55	45.5	0	1174		825		0	
9.875	7.625 L80	29.7	0	11610		1025		0	
6.750	5.500 P110	23.0	0	22455		1575		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	11763	11753						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFCAMP	12430	22340	12430 TO 22340		1044	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12430 TO 22340	75000 GAL 7.5%; 19,830,925# SAND; 19,706,850 GAL FLUID

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
06/16/2020	06/16/2020	24	→	370.0	202.0	1748.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI 2700	2300.0	→	370	202	1748		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		→						

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.)  
STOLEN

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	765			RUSTLER	765
TOP OF SALT	925			TOP OF SALT	925
BOTTOM OF SALT	4861			BOTTOM OF SALT	4861
LAMAR	5119			LAMAR	5119
BELL CANYON	5149			BELL CANYON	5149
CHERRY CANYON	6043			CHERRY CANYON	6043
BRUSHY CANYON	7469			BRUSHY CANYON	7467
BRUSHY CANYON A	8543			BRUSHY CANYON A	8543

32. Additional remarks (include plugging procedure):

BONE SPRING LIMESTONE 8752  
 1ST BONE SPRING 10123  
 1ST BONE SPRING SHALE 10226  
 2ND BONE SPRING 10673  
 2nd Bone Spring Base 11217  
 3rd Bone Spring 11781  
 3rd Bone Spring W 12019  
 Wolfcamp 12106

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 #521437 Verified by the BLM Well Information System.  
 For COG OPERATING LLC, sent to the Hobbs**

Name (please print) AMANDA AVERY Title REGULATORY ANALYST

Signature (Electronic Submission) Date 07/09/2020

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.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**Additional data for transaction #521437 that would not fit on the form**

**32. Additional remarks, continued**

Wolfcamp Lith            12241