

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.  
NMNM125658

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other 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 _____						6. If Indian, Allottee or Tribe Name	
						7. Unit or CA Agreement Name and No. NMNM139190	
2. Name of Operator                                      Contact: AMANDA AVERY COG OPERATING LLC                                      E-Mail: aaavery@concho.com						8. Lease Name and Well No. FEZ FEDERAL COM 603H	
3. Address ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287				3a. Phone No. (include area code) Ph: 575-748-6940		9. API Well No.  30-025-45276-00-S1	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 9 T2S R35E Mer NMP At surface SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 W Lon Sec 9 T2S R35E Mer NMP At top prod interval reported below SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 W Lon Sec 4 T2S R35E Mer NMP At total depth Lot 4 232FNL 1074FWL 32.166089 N Lat, 103.377510 W Lon						10. Field and Pool, or Exploratory WC025G09S243532M-WOLFBONE	
						11. Sec., T., R., M., or Block and Survey or Area Sec 9 T2S R35E Mer NMP	
						12. County or Parish LEA	13. State NM
						17. Elevations (DF, KB, RT, GL)* 3252 GL	
14. Date Spudded 01/11/2019		15. Date T.D. Reached 05/14/2019		16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 11/07/2019			
18. Total Depth: MD 22333 TVD 12252		19. Plug Back T.D.: MD 22250 TVD 12252		20. Depth Bridge Plug Set: MD 22250 TVD 12252			
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)*[illegible]

## 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	11650	11640						

## 25. Producing Intervals

Lithology and Core			Perforation Details			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE			12500 TO 22230		1568	OPEN
B)						
C)						
D)						



## 26. Perforation Record

Lithology and Core			Perforation Details			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE			12500 TO 22230		1568	OPEN
B)						
C)						
D)						



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

Depth Interval	Amount and Type of Material
12500 TO 22230	SEE ATTACHED INFORMATION

## 28. Production - Interval A

Date First Produced 11/17/2019	Test Date 11/17/2019	Hours Tested 24	Test Production 	Oil BBL 569.0	Gas MCF 895.0	Water BBL 2864.0	Oil Gravity Corr. API	Gas Gravity	Production Method GAS LIFT
Choke Size 18/64	Tbg. Press. Fwlg. 3600 SI	Csg. Press. 3200.0	24 Hr. Rate 	Oil BBL 569	Gas MCF 895	Water BBL 2864	Gas:Oil Ratio	Well Status 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. SI	Csg. Press.	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 #498238 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

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

PM

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
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Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	787			RUSTLER	787
TOP OF SALT	1124			TOP OF SALT	1124
LAMAR	5309			LAMAR	5309
BELL CANYON	5336			BELL CANYON	5336
CHERRY CANYON	6260			CHERRY CANYON	6260
BRUSHY CANYON	7735			BRUSHY CANYON	7735
BONE SPRING 2ND	8985			BONE SPRING 2ND	8985
BONE SPRING 1ST	10378			BONE SPRING 1ST	10378

32. Additional remarks (include plugging procedure):  
 SECOND BONE SPRING 10864  
 THIRD BONE SPRING 12059

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 #498238 Verified by the BLM Well Information System.**  
**For COG OPERATING LLC, sent to the Hobbs**  
**Committed to AFMSS for processing by DEBORAH HAM on 01/21/2020 (20DMH0037SE)**

Name(*please print*) AMANDA AVERY Title AUTHORIZED REPRESENTATIVE

Signature \_\_\_\_\_ (Electronic Submission) Date 01/07/2020

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 #498238

	Operator Submitted	BLM Revised (AFMSS)
Lease:	NMNM125658	NMNM125658
Agreement:	NMNM139190	NMNM139190 (NMNM139190)
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6962	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:	FEZ FEDERAL COM 603H	FEZ FEDERAL COM 603H
Location: State: County: S/T/R: Surf Loc:	NM LEA Sec 9 T25S R35E Mer NMP SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 W Lon	NM LEA Sec 9 T25S R35E Mer NMP SWSW 280FSL 1055FWL 32.138407 N Lat, 103.377614 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 LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE FIRST BONE SPRING	RUSTLER TOP OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND BONE SPRING 1ST
Markers:	RUSTLER TOP OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING LIMESTONE FIRST BONE SPRING	RUSTLER TOP OF SALT LAMAR BELL CANYON CHERRY CANYON BRUSHY CANYON BONE SPRING 2ND BONE SPRING 1ST