

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Operator

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

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.  
NNNM14164

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input 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. FASCINATOR FEDERAL COM 601H		
3. Address 2208 W MAIN STREET ARTESIA, NM 88210			9. API Well No. 30-025-45107		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NENW Lot C 210FNL 2130FWL 32.195173 N Lat, 103.440827 W Lon At top prod interval reported below NENW Lot C 210FNL 2130FWL 32.195173 N Lat, 103.440827 W Lon At total depth SESW Lot N 204FSL 1937FWL 32.167280 N Lat, 103.408834 W Lon			10. Field and Pool, or Exploratory WC-025 G-09 S243532M; WOL		
14. Date Spudded 11/24/2018			15. Date T.D. Reached 02/20/2019		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/08/2019			17. Elevations (DF, KB, RT, GL)* 3346 GL		
18. Total Depth: MD 22385 TVD 12645		19. Plug Back T.D.: MD 22256 TVD 12645		20. Depth Bridge Plug Set: MD 22269 TVD 12645	
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
17.500	13.375 K55	54.5	0	1162		710		0	
12.250	9.625 L80	47.0	0	11660	5391	2785		0	
8.500	5.500 P110	17.0	0	22380		4100		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	11748	11738						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12767	22244	12676 TO 22244		1536	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12676 TO 22244	PLEASE 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
10/18/2019	10/18/2019	24	→	1042.0	1448.0	4675.0			GAS LIFT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
27/64	SI 1400	1900.0	→	1042	1448	4675		DOWN	

## 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	Well Status
			→						
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 #489096 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\*

Reclamation due: 04/19/2020



## 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	866			RUSTLER	866
TOP OF SALT	1291			TOP OF SALT	1291
BOTTOM OF SALT	5139			BOTTOM OF SALT	5139
LAMAR	5461			LAMAR	5461
BELL CANYON	5504			BELL CANYON	5504
CHERRY CANYON	6437			CHERRY CANYON	6437
BRUSHY CANYON	8022			BRUSHY CANYON	8022
BONE SPRING LIMESTONE	9287			BONE SPRING LIMESTONE	9287

## 32 Additional remarks (include plugging procedure):

1ST BONE SPRING 10461  
1ST BONE SPRING SHALE 10643  
2ND BONE SPRING 11058  
2ND BONE SPRING BASE 11502  
3RD BONE SPRING 12054  
3RD BONE SPRING W 12578

## 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 #489096 Verified by the BLM Well Information System.  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by JENNIFER SANCHEZ on 12/11/2019 ()

Name (please print) AMANDA AVERYTitle REGULATORY ANALYSTSignature (Electronic Submission)Date 10/22/2019

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 \*\***