

Form 3160-4  
(August 2007)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**Operator****WELL COMPLETION OR RECOMPLETION REPORT AND LOG**FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

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 604H	
3. Address 2208 W MAIN STREET ARTESIA, NM 88210		9. API Well No. 30-025-45110	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 30 T24S R35E Mer NMP At surface NWNW Lot 1 210FNL 360FWL 32.195169 N Lat, 103.413992 W Lon Sec 30 T24S R35E Mer NMP At top prod interval reported below NWNW Lot 1 210FNL 360FWL 32.195169 N Lat, 103.413992 W Lon Sec 31 T24S R35E Mer NMP At total depth SWSW Lot 4 200FSL 327FWL		10. Field and Pool, or Exploratory WC-025 G-09 S243532M; WOL	
14. Date Spudded 11/07/2018		15. Date T.D. Reached 12/18/2018	
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/08/2019		17. Elevations (DF, KB, RT, GL)* 3374 GL	
18. Total Depth: MD 22363 TVD 12610		19. Plug Back T.D.: MD 22250 TVD 12610	
20. Depth Bridge Plug Set: MD 22250 TVD 12610		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	1173		1010		0	
12.250	9.625 L80	57.0	0	11855	5456	2765		0	
8.500	5.500 P110	23.0	0	22336		4090		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	11918	11908						

## 25. Producing Intervals

## 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WOLFBONE	12720	22225	12720 TO 22225		1536	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
12720 TO 22225	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
10/08/2019	10/08/2019	24	→	1178.0	1822.0	3278.0			GAS LIFT
Choke Size	Tbg. Press. Flwg. 2000 SI	Csg. Press. 1500.0	24 Hr. Rate →	Oil BBL 1178	Gas MCF 1822	Water BBL 3278	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 #488908 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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

Reclamation due: 04/08/2020



## 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	908			RUSTLER	908
TOP OF SALT	1380			TOP OF SALT	1380
BOTTOM OF SALT	5185			BOTTOM OF SALT	5185
LAMAR	5501			LAMAR	5501
BELL CANYON	5535			BELL CANYON	5535
CHERRY CANYON	6518			CHERRY CANYON	6518
BRUSHY CANYON	8066			BRUSHY CANYON	8066
BONE SPRING LIMESTONE	9379			BONE SPRING LIMESTONE	9379

## 32 Additional remarks (include plugging procedure):

1ST BONE SPRING 10519  
1ST BONE SPRING SHALE 10709  
2ND BONE SPRING 11128  
2ND BONE SPRING BASE 11561  
3RD BONE SPRING 12111

## 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 #488908 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 ANALYST

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

Date 10/21/2019

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 \*\***