

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**EMNRD- OCD ARTESIA**  
**RECEIVED: 4/7/2020**FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.****SUBMIT IN TRIPLICATE - Other instructions on page 2**1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
COG OPERATING LLCContact: AMANDA AVERY  
E-Mail: aavery@concho.com3a. Address  
600 W ILLINOIS AVENUE  
MIDLAND, TX 797013b. Phone No. (include area code)  
Ph: 575-748-6940

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 12 T24S R28E NENE 1014FNL 620FEL  
32.236874 N Lat, 104.034302 W Lon5. Lease Serial No.  
NMNM54398

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
HOWITZER FEDERAL COM 602H9. API Well No.  
30-015-45831-00-S110. Field and Pool or Exploratory Area  
PURPLE SAGE-WOLFCAMP (GAS)11. County or Parish, State  
EDDY COUNTY, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Hydraulic Fracture	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

**OCD - Casing must be tested for a minimum of 30 minutes**

9/25/19 Test 9-5/8" x 5-1/2" annulus to 1500#. Test Good. Set Composite Bridge plug @ 20,057"

and test csg to 9,513#. Test Good.

10/27/19 to 11/8/19 Perf 10,200-20,032' (1800). Acdz w/26,544 gal 7 1/2%; frac w/ 25,075,453# sand

&amp; 18,585,168 gal fluid.

11/10/19 to 11/11/19 Drilled out CFP's. Clean down to PBTD @ 20,048'.

11/22/19 -11/23/19 Set 2 7/8" 6.5# L-80 tbg @ 9,421' packer @ 9,411'. Installed gas lift system.

1/18/20 Began flowing back &amp; testing.

1/20/20 - Date of first production

gc 4/17/2020

Accepted for record – NMOCD

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #503755 verified by the BLM Well Information System**  
**For COG OPERATING LLC, sent to the Carlsbad**  
**Committed to AFMSS for processing by PRISCILLA PEREZ on 02/20/2020 (20PP1275SE)**

Name (Printed/Typed) AMANDA AVERY

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 02/19/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**ACCEPTED**JONATHON SHEPARD  
Title PETROLEUM ENGINEER

Date 02/20/2020

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

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.

(Instructions on page 2)

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

## Revisions to Operator-Submitted EC Data for Sundry Notice #503755

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	HF SR	HF SR
Lease:	NMNM54398	NMNM54398
Agreement:		
Operator:	COG OPERATING LLC 2208 W MAIN STREET ARTESIA, NM 88210 Ph: 575-748-6940	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
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
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	HOWITZER FEDERAL COM 602H Sec 12 T24S R28E Mer NMP NENE 1014FNL 620FEL 32.236874 N Lat, 104.034304 W Lon	HOWITZER FEDERAL COM 602H Sec 12 T24S R28E NENE 1014FNL 620FEL 32.236874 N Lat, 104.034302 W Lon