

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

5. 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 605H

9. API Well No.
30-015-45833-00-S1

10. Field and Pool or Exploratory Area
PURPLE SAGE-WOLFCAMP (GAS)

11. County or Parish, State
EDDY COUNTY, NM

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
COG OPERATING LLC
Contact: BOBBIE GOODLOE
E-Mail: bgoodloe@concho.com

3a. Address
600 W ILLINOIS AVENUE
MIDLAND, TX 79701
3b. Phone No. (include area code)
Ph: 575-748-6952

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 12 T24S R28E SENE 2125FNL 300FEL
32.233822 N Lat, 104.033257 W Lon

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 Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.

5/13/19 Spud well. TD 26" surface hole @ 312'. Set 20" 94# J-55 csg @ 312'. Cmt w/150 sx lead. Tail in w/850 sx. No cmt to surface. WOC 6 hrs. Ran Temp log, log shows TOC @ 75', Pumped 244 sx cmt. Circ cmt to surface. WOC 8 hrs., Suspend operations

6/20/19 Resume operations. NU BOP, Test BOP. Test csg to 1500# for 30 mins.

6/23/19 TD 17 1/2" 1st intermediate hole @ 2715'. Set 13 3/8" 61# J-55 csg @ 2715'. Cmt w/1650 sx lead. Tailed in w/500 sx. Circ 845 sx to surface. WOC 8 hrs. Test BOP. Test csg to 1500# for 30 mins.

7/3/19 TD 12 1/4" 2nd intermediate hole @ 9285'. Set 9 5/8" 47# HCL-80 BTC csg @ 9295'. Cmt w/1350 sx lead. Tailed in w/475 sx. Circ 481 sx to surface. WOC 6 hrs. NU BOP, Test BOP, Test csg

NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 20 2019
RECEIVED

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

Electronic Submission #495585 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Carlsbad
Committed to AFMSS for processing by PRISCILLA PEREZ on 12/13/2019 (20PP0652SE)

Name (Printed/Typed) BOBBIE GOODLOE

Title REGULATORY ANALYST

Signature **Accepted for record - NMOCD**
(Electronic Submission) DS

Date 12/12/2019

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED**

JONATHON SHEPARD
Title PETROLEUM ENGINEER

Date 12/13/2019

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 ****

Additional data for EC transaction #495585 that would not fit on the form

32. Additional remarks, continued

to 1500# for 30".

7/24/19 TD 8 1/2" lateral @ 20195' (KOP @ 9385'). Set 5 1/2" 20# P-110 CDC-HTQ csg @ 20069'.
Cmt w/1700 sx lead. Tailed in w/2800 sx. Circ 828 sx to surface.

7/27/19 Rig Released

Revisions to Operator-Submitted EC Data for Sundry Notice #495585

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM54398	NMNM54398
Agreement:		
Operator:	COG PRODUCTION ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 575-748-6952	COG OPERATING LLC 600 W ILLINOIS AVENUE MIDLAND, TX 79701 Ph: 432.685.4385
Admin Contact:	BOBBIE GOODLOE REGULATORY ANALYST E-Mail: bgoodloe@concho.com Ph: 575-748-6952	BOBBIE GOODLOE REGULATORY ANALYST E-Mail: bgoodloe@concho.com Ph: 575-748-6952
Tech Contact:	BOBBIE GOODLOE REGULATORY ANALYST E-Mail: bgoodloe@concho.com Ph: 575-748-6952	BOBBIE GOODLOE REGULATORY ANALYST E-Mail: bgoodloe@concho.com Ph: 575-748-6952
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	PURPLE SAGE; WOLFCAMP	PURPLE SAGE-WOLFCAMP (GAS)
Well/Facility:	HOWITZER FEDERAL COM 605H Sec 12 T24S R28E SWNE 2125FNL 300FEL 32.233822 N Lat, 104.033260 W Lon	HOWITZER FEDERAL COM 605H Sec 12 T24S R28E SENE 2125FNL 300FEL 32.233822 N Lat, 104.033257 W Lon