

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM108973

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
HARRIER FEDERAL COM 304H9. API Well No.
30-025-45835-00-X110. Field and Pool or Exploratory Area
JENNINGS11. County or Parish, State
LEA COUNTY, NM**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
COG OPERATING LLCContact: BOBBIE GOODLOE
E-Mail: bgoodloe@concho.com3a. Address
ONE CONCHO CENTER 600 W ILLINOIS AVENUE
MIDLAND, TX 79701-42873b. Phone No. (include area code)
Ph: 575-748-6952

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

Sec 2 T26S R32E SWSW 330FSL 780FWL
32.065914 N Lat, 103.651726 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.

ANNULAR SQUEEZE CEMENTING OPERATION - PLEASE SEE ATTACHED PRESSURE TEST CHARTS

3/1/20 Dig out cellars - install Compass chickens - and lines to intermediate casing valve. Test lines to 4000 psi.(good). Open well 720 psi - Establish rate @ 4 bpm 850 psi (pumped 30 bbls.) SD switch over to mix lead cement (550 sxs - @ 14.8 ppg, 1.33 yield - 6.37 gps) 130 bbls pumped, Mix on fly and pump @ 4 BPM - 940 with pressure dropping to 180 psi once switching to tail cement (250 sxs - 12.4 ppg - 2.21 yield - 12.61 gps) 98 bbls. @ 4 BPM - 180 psi , flush w/ 5 bbls FW. ISIP 0 Shut in well

3/5/20 R/U Fesco logging for SRBL w/ 2 centralizers - Stone Killtruck, Shadow Torq/Test, K/C Light Towers, lights & manlift. Test lub package & BOP's to 3000 psi - good test. Open well - pressure @ 1200 psi. Log from 5500' to surface @ 45 fpm. R/D Fesco.

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

**Electronic Submission #506250 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 03/09/2020 (20PP1375SE)**

Name (Printed/Typed) BOBBIE GOODLOE

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 03/09/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USEApproved By **ACCEPTED**JONATHON SHEPARD
Title PETROELUM ENGINEER

Date 03/12/2020

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 Hobbs

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 ****

KZ

Additional data for EC transaction #506250 that would not fit on the form

32. Additional remarks, continued

Tested intermediate casing to 1100 psi for 45 mins - held good test on chart, took 1/2 bbl to pressure up -- pressure already @ 550 psi.

Revisions to Operator-Submitted EC Data for Sundry Notice #506250

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	DRG SR	DRG SR
Lease:	NMNM108973	NMNM108973
Agreement:		
Operator:	COG OPERATING ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 575-748-6952	COG OPERATING LLC ONE CONCHO CENTER 600 W ILLINOIS AVENUE MIDLAND, TX 79701-4287 Ph: 432.685.4342
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:	LEA	LEA
Field/Pool:	JENNINGS	JENNINGS
Well/Facility:	HARRIER FEDERAL COM 304H Sec 2 T26S R32E SWSW 330FSL 780FWL 30.065914 N Lat, 103.651726 W Lon	HARRIER FEDERAL COM 304H Sec 2 T26S R32E SWSW 330FSL 780FWL 32.065914 N Lat, 103.651726 W Lon