

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.*Carlsbad Field Office
CD Artesia
NMNM114348

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator COG OPERATING LLC Contact: MAYTE X REYES E-Mail: mreyes1@concho.com	8. Well Name and No. POPULUS FEDERAL 4H
3a. Address 600 W ILLINOIS AVENUE MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 575-748-6945	9. API Well No. 30-015-44103-00-X1
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T25S R27E NWNW 210FNL 990FWL 32.107471 N Lat, 104.216881 W Lon		10. Field and Pool or Exploratory Area WOLFCAMP
		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 checked="" 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 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	Change to Original APD
	<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 recompletion 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.

COG Operating LLC, respectfully requests approval for the following changes to the original approved APD.

Operator request approval for following as a contingency plan to the original approved APD. If hydrocarbon gas is encountered in the Delaware, as was the case on the offset well Populus Federal 3H, then the below contingency plan would take effect.

Contingency Plan:

Operator requests approval for the following drilling changes to the original approved APD if contingency is necessary.

Original APD would apply until the well has reached a depth of 6,800?.

Operator will run 7? 29# HCP-110 LTC casing to 6800?.

- Operator stayed with the original casing plan which was approved in the APD

NATIONAL OIL CONSERVATION
ARTESIA DISTRICT

MAY 22 2017

RECEIVED

14. I hereby certify that the foregoing is true and correct. Electronic Submission #374398 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 05/04/2017 (17DLM1545SE)	
Name (Printed/Typed) MAYTE X REYES	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 05/01/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	MUSTAFA HAQUE Title PETROLEUM ENGINEER	Date 05/18/2017
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 #374398 that would not fit on the form

32. Additional remarks, continued

1st Stage Cement

Lead: 310 sx Halliburton tuned light blend @ 11.5 ppg, 2.1 cf/sx

Tail: 200 sx Class H @ 16.4 ppg, 1.08 cf/sx

2nd Stage Cement

Lead: 255 sx Class C @ 12.7 ppg, 2.01 cf/sk

Tail: 100 sx Class C @ 14.8 ppg, 1.33 cf/sk

DVT/ECP @ 3350?

Operator will drill out and drill curve and lateral with 6-1/8" hole size to TD as per original well plan shows.

Operator will run a 4-1/2" 13.5# HCP-110 CDC HTQ liner from planned TD to 6,500'.

Operator will cement liner with 590 sx 50:50:2 H Blend @ 14.4 ppg, 1.24 cf/sk