

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Artesia

FORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

**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.  
NMNM130854

6. If Indian, Allottee or Tribe Name

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

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
COG OPERATING LLC  
Contact: MAYTE X REYES  
E-Mail: mreyes1@concho.com

3a. Address  
2208 WEST MAIN STREET  
ARTESIA, NM 88210

3b. Phone No. (include area code)  
Ph: 575-748-6945

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 20 T25S R27E SESW 100FSL 1980FWL

8. Well Name and No.  
POPULUS FEDERAL 3H

9. API Well No.  
30-015-43256

10. Field and Pool, or Exploratory  
WILDCAT G-03 S252636M; BS

11. County or Parish, and State  
EDDY COUNTY, NM

**12. CHECK 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"/> Fracture Treat	<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 Change to Original A PD
	<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 recomplete 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall 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 drilling changes to the original approved APD.

- ? Operator has 8-3/4" OH PH drill to 8,445?
- ? Operator will run 7" 29# P110 LTC casing to 5600?
- o 1st stage cmt:  
&#61607; Lead: 200 sx 50:50:10 C Blend @ 11.9 ppg, 2.51 cf/sk  
&#61607; Tail: 250 sx Class C @ 14.8ppg, 1.34 cf/sk
- o 2nd stage cmt:  
&#61607; Lead: 200 sx 50:50:10 C Blend @ 11.9 ppg, 2.51 cf/sk  
&#61607; Tail: 100 sx Class C @ 14.8 ppg, 1.34 cf/sk
- o DVT/ECP @ 2750?

**SEE ATTACHED FOR  
CONDITIONS OF APPROVAL**

Accepted for record  
NMOC  
12/16/15

NM OIL CONSERVATION  
ARTESIA DISTRICT

DEC 09 2015

RECEIVED

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

Electronic Submission #325124 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Carlsbad Committed to AFMSS for processing by KENNETH RENNICK on 12/01/2015 ()

Name (Printed/Typed) MAYTE X REYES Title REGULATORY ANALYST

Signature (Electronic Submission) Date 12/01/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

**APPROVED**

PETROLEUM ENGINEER

DEC - 1 2015

Kenneth Rennick

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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.

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 any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

**Additional data for EC transaction #325124 that would not fit on the form**

**32. Additional remarks, continued**

o Operator will run guide shoe packer or spot cmt plug to isolate OH below 7? csg shoe to ensure competent cmt at the 7? shoe.

? Operator will drill out with 6-1/8? and finish PH to plan PHTD.

? Operator will plug back as planned in original plan.

? Operator will kick off plug and drill curve and lateral with 6-1/8? hole size as the original well plan shows.

? Operator will run a 4.5? 11.6# P110 LTC liner from planned TD to 5,300?.

o Cmt: 700 sx 50:50:2 H Blend @ 14,4 ppg, 1.24 cf/sk

**POPULUS FEDERAL 3H**  
**30-015-43256**  
**COG Operating LLC**  
**Surface Location: Sec. 20, T. 25S, R. 27E**  
**Conditions of Approval**

**Original COA still applies except for the replacement of the cement filled requirement behind the production casing. As well as the addition of the cement filled requirement behind the proposed production liner. Please see the following**

1. The minimum required fill of cement behind the 7 inch production casing is:

**DV tool option: Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.**

- a. First stage to DV tool:

Cement to circulate. If cement does not circulate, contact the appropriate BLM office before proceeding with second stage cement job. Operator should have plans as to how they will achieve approved top of cement on the next stage.

- b. Second stage above DV tool:

Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

2. The minimum required fill of cement behind the 4 1/2 inch production liner is:

Tie-back is appropriate as proposed. Operator shall provide method of verification.

**KGR 12012015**