

## UNITED STATES

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED

OMB No. 1004-0137

Expires: October 31, 2014

## 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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM0038690
2. Name of Operator COG Operating LLC		6. If Indian, Allottee, or Tribe Name
3a. Address 2208 W. Main Street Artesia, NM 88210	3b. Phone No. (include area code) 575-748-6940	7. If Unit or CA, Agreement Name and/or No. Lusk Deep Unit A #28H
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 430' FSL & 330' FWL Lot #4 (SWSW) Sec 18-19S-32E 380' FSL & 330' FEL Unit Letter P (SESE) Sec 18-19S-32E		8. Well Name and No. 30-025-41291
Lat. Long.		9. API Well No. Lusk; Bone Spring
10. Field and Pool, or Exploratory Area Lea County NM		11. County or Parish, State

## 12. CHECK APPROPRIATE BOX(S) 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"/> Altering 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 type="checkbox"/> Other
	<input checked="" 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 or pertinent markers and sands. Attach the Bond under which the work will performed or provide the Bond No. on file with the 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 recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notice 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 changes to the original approved APD.

We will drill 8-3/4" from 4450' - 8600', then 7-7/8" from 8600' - 13,696'. The below casing program will be run for the tapered production string. The cement will stay the same.

Hole Size	Depths	Section	OD Casing	New/Used	WT	Collar	Grade	Collapse Design Factor	Burts Design Factor	Tension Design Factor
8 3/4"	0-8600'	Production Vertical	7"	New	29#	LTC	P-110	1.125	1.125	2
7 7/8"	8600'-13696'	Production Curve & Lateral	5 1/2"	New	17#	LTC	P-110	1.125	1.125	2

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Name (Printed/Typed)

Mayte Reyes

Signature:

Title:

Regulatory Analyst

Date:

9/23/13

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by:

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:

Office:

OCT 22 2013

/s/ Chris Walls

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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 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)

OCT 24 2013

### **Conditions of Approval**

1. The minimum required fill of cement behind the 7 X 5-1/2 inch production casing is:

- ☒ Cement should tie-back at least **50 feet above the Capitan Reef**. Operator shall provide method of verification.