

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD Hobbs

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.  
NMNM107392

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

8. Well Name and No.  
NIGHTCAP 6 FEDERAL 3H

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

9. API Well No.  
30-025-41589-00-X1

3a. Address  
ONE CONCHO CENTER 600 W ILLINOIS AVENUE  
MIDLAND, TX 79701-4287

3b. Phone No. (include area code)  
Ph: 575-748-6945  
Fx: 575-748-6950

10. Field and Pool, or Exploratory  
LUSK

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 6 T20S R32E Lot 3 330FNL 2020FWL

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

HOBBS OCD  
AUG 08 2014

RECEIVED

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
	<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 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 proposes following changes to incorporate potential production in section 7 of T20S / R32E.  
Intermediate 1 @ 2,900?  
Hole size 14-3/4?  
Casing: 13-3/8? 68# L80 HC Ultra FJ  
Cement  
Lead: 650 sx Class C + 4% Gel + 1% CC  
Tail: 250 sx Class C + 1% CC  
Intermediate 2 @ 4300?.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

Rec. via email 8/1/14

14. I hereby certify that the foregoing is true and correct.  
Electronic Submission #255609 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Hobbs  
Committed to AFMSS for processing by CHRISTOPHER WALLS on 08/04/2014 (14CRW0195SE)

Name (Printed/Typed) MAYTE X REYES

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 08/04/2014

APPROVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Office \_\_\_\_\_  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

AUG 1 2014

Is/ Chris Walls  
BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

*[Signature]*

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.

\*\* BLM REVISED \*\*

AUG 1 1 2014

*[Signature]*

## Additional data for EC transaction #255609 that would not fit on the form

### 32. Additional remarks, continued

Hole size: 12-1/4?

Casing: 9-5/8? 36# J55 BTC from surface to 3,500?. 9-5/8? 40# J55 BTC from 3500? ? 4300?.

2 Stage Cement with DVT/ECP set at 2,950?.

1st stage Lead: 425 sx of 35:65:6 C Blend ( 12.7 ppg ? 2 cf/ft)

1st stage Tail: 250 sx of Class C ( 14.8 ppg ? 1.34 cf/ft)

DVT/ECP set at +/- 2,950?.

2nd stage Lead: 650 sx Class C + 4% Gel ( 13.5 ppg ? 1.75 cf/ft)

2nd stage tail: 100 sx Class C ( 14.8 ppg ? 1.34 cf/ft)

Operator will install blind flange with pressure gauge after installing 9-5/8? casing.

Operator will notify BLM after installing 9-5/8? casing before moving the rig off the well.

Operator will notify BLM 24 hours before moving in the next rig over the Nightcap 6 Federal 3H at which this move timing is unknown. Operator will update BLM ASAP with timing of the next rig move.

## CONDITIONS OF APPROVAL

<b>OPERATOR'S NAME:</b>	<b>COG Operating, LLC</b>
<b>LEASE NO.:</b>	<b>NMNM-107392</b>
<b>WELL NAME &amp; NO.:</b>	<b>Nightcap 6 Federal 3H</b>
<b>SURFACE HOLE FOOTAGE:</b>	<b>0330' FNL &amp; 2020' FWL</b>
<b>BOTTOM HOLE FOOTAGE:</b>	<b>0330' FSL &amp; 1980' FWL</b>
<b>LOCATION:</b>	<b>Section 06, T. 20 S., R 32 E., NMPM</b>
<b>COUNTY:</b>	<b>Lea County, New Mexico</b>

**Original COA still stand with the following drilling modifications:**

**Approved to cement the 9-5/8" casing, secure the wellhead and move the rig off. The operator has 60 days to move the next rig in to proceed with drilling operations. If the 60 day timeline cannot be reached submit a sundry to the BLM to request an extension.**

1. The minimum required fill of cement behind the 13-3/8 inch 1<sup>st</sup> intermediate casing, which shall be set at approximately 2900 feet; is:

Cement to surface. If cement does not circulate Contact the appropriate BLM office. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to potash.**

2. The minimum required fill of cement behind the 9-5/8 inch 2<sup>nd</sup> intermediate casing is:

**Operator has proposed DV tool at depth of 2950'. Operator is to submit sundry if DV tool depth varies by more than 100' from approved depth.**

**If operator circulates cement on the first stage, operator is approved to run the DV tool cancellation plug and cancel the second stage of the proposed cement plan. If cement does not circulate, operator will proceed with the second stage.**

- 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 circulation on the next stage.

- b. Second stage above DV tool:

Cement to surface. If cement does not circulate Contact the appropriate BLM office.