

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS **Carlsbad Field Office**
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals. **OCD Hobbs**

5. Lease Serial No. 30-025-43169-00-04685
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
SPRUCE GOOSE FEDERAL COM 3H ✓

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

9. API Well No.
30-025-43169-00-X1 ✓

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

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

10. Field and Pool, or Exploratory
LUSK ✓

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 7 T19S R32E Lot 2 1980FNL 210FWL

HOBBS OCD

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

JUL 20 2016

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

RECEIVED

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 A PD
	<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 changes to the original approved APD.

BHL Change
From: 1980' FNL & 330' FEL
To: 1980' FNL & 50' FEL
C102 Attached.

Surface
420 sks 13.5 ppg (1.75 ft³/sk) lead. 9.2 gal/sk water req
Lead: Class C + 4% Gel + 1% CaCl₂

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

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

**Electronic Submission #344948 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 07/18/2016 (16PP0917SE)**

Name (Printed/Typed) MAYTE X REYES	Title REGULATORY ANALYST
Signature (Electronic Submission)	Date 07/18/2016

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>(BLM Approver Not Specified) Mustafa Hague</u>	Title PETROLEUM ENGINEER	Date 07/19/2016
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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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Additional data for EC transaction #344948 that would not fit on the form

32. Additional remarks, continued

310 sks 14.8 ppg (1.34 ft³/sk) tail. 6.4 gal/sk water req
Tail: Class C + 2% CaCl₂

Intermediate

560 sks 12.9 ppg (1.87 ft³/sk) lead. 9.8 gal/sk water req
Lead: 65:35 POZ 6% gel
370 sks 14.8 ppg (1.34 ft³/sk) tail. 6.4 gal/sk water req
Tail: Hal Cem, neat C

Production

880 sks 11.0 ppg (3.2 ft³/sk) lead. 19.7 gal/sk water req
Lead: NEOCEM TM 2 lbm/sk kol-seal
1090 sks 13.2 ppg (1.52 ft³/sk) tail. 7.5 gal/sk water req
Tail: NEOCEM TM

**Spruce Goose Federal Com 3H
30-025-43169-00-X1
EOG Resources, Inc
Surface Location: Sec. 07, T. 19S, R. 32E
Conditions of Approval**

All previous COAs still apply. No additional COA is required.

MHH 07192016