

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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FEB 22 2010

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.**

Lease Serial No.  
NMNM96836

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 FEDERAL 1

2. Name of Operator

COG OPERATING LLC

Contact: KANICIA CARRILLO

E-Mail: kcarrillo@conchoresources.com

9. API Well No.

30-015-24092-00-S1 S2

3a. Address

550 W TEXAS, STE 1300 FASKEN TOWER II  
MIDLAND, TX 79701

3b. Phone No. (include area code)

Ph: 432-685-4332

10. Field and Pool, or Exploratory

RED LAKE; Glorieta-Vero, NE

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 25 T17S R27E NESW 1650FSL 2310FWL

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 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 checked="" 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<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 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 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 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.)

11/03/09 MIRU. Set 4.5" CIBP @6830' w/ 35' cmt on plug. Set 4.5" CIBP @ 6325 w/ 35' cmt on plug.

Test csg 3500#, ok.

11/17/09 Perf Lower Blinbry @ 4420 - 4320 w/ 1 SPF, 15 holes.

11/19/09 Acidize w/3,500 gals acid. Frac w/65,225 gals gel, 71,800# 16/30 BASF sand, 16,800# Super

LC. Set comp plug @ 4280. Perf Middle Blinbry @ 4050 - 4250 w/1 SPF, 26 holes. Acidize w/3,500

gals acid. Frac w/ 119,389 gals gel, 151,387# 16/30 BASF sand, 35,563# Super LC. Set comp plug @

3950. Perf Upper Blinbry @ 3720 - 3920 w/ 1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/

126,328 gals gel, 174,007# 16/30 BASF sand, 37,962# Super LC.

11/23/09 Drill out plugs. Clean out to PBDT 5023.

11/24/09 RIH w/153jts 2-7/8" J55 6.5# tbg, SN @ 4712'.

11/25/09 RIH w/ 2-1/2"x2-1/4"x24" pump. Hang on well.

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

Electronic Submission #81594 verified by the BLM Well Information System

For COG OPERATING LLC, sent to the Carlsbad

Committed to AFMSS for processing by KURT SIMMONS on 02/18/2010 (09KMS2185SE)

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 02/17/2010

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

ACCEPTED

JAMES A AMOS  
Title SUPERVISOR EPS

Date 02/21/20

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

2010

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 \*\***