

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: July 31, 2010

JUN - 2 2009

## 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.  
NMLC029338B

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 ☐ Other8. Well Name and No.  
Multiple--See Attached

2. Name of Operator

COG OPERATING LLC

Contact: KANICIA CARRILLO

E-Mail: kcarrillo@conchoresources.com

9. API Well No.

Multiple--See Attached

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

GRAYBURG JACKSON SR-Q-GRE

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

Multiple--See Attached

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 type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Drilling Operations
	<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.)

COG plans to downhole commingle the SA with the Yeso at a future date when the upper SA perfs deplete to a low enough oil level to justify the risk of potential cement damage while squeezing the middle and lower SA perfs. These zones (middle and lower SA) were determined to be 100% water productive during swab tests and were isolated from the Yeso and upper SA with CIBP's. COG did not want to risk damaging the upper SA with cement during any squeeze operations required to shut off the middle and lower SA zones.

10/10/08 MIRU. Pooh w/ rods and pump. ND wellhead. NU BOP. Unseat TAC. POOH w/ production tbgs. PU 4-3/4 bit and scraper. RIH to 4640. POOH w/ bit and scraper.  
10/13/08 TIH w/ RBP and packer. Set RBP @ 4588. Set packer @ 4266. Start swabing, 1st sample water. Release RBP & Packer. Reset RBP @ 4266. Reset packer @ 3990.  
10/14/08 Swab test San Andres, 4030 to 4230. All water. Release RBP and packer. Reset RBP @ 3989.

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

Electronic Submission #69947 verified by the BLM Well Information System  
For COG OPERATING LLC, sent to the Carlsbad  
Committed to AFMSS for processing by KURT SIMMONS on 05/14/2009 (09KMS1359SE)

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 05/13/2009

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

ACCEPTED

JAMES A AMOS  
Title SUPERVISOR EPS

Date 05/31/2009

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

2009

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 #69947 that would not fit on the form**

**Wells/Facilities, continued**

Agreement	Lease	Well/Fac Name, Number	API Number	Location
NMLC029338B	NMLC029338B	HARVARD FEDERAL 8	30-015-35130-00-S1	Sec 11 T17S R30E NENE 990FNL 690FEL
NMLC029338B	NMLC029338B	HARVARD FEDERAL 8	30-015-35130-00-S2	Sec 11 T17S R30E NENE 990FNL 690FEL

**32. Additional remarks, continued**

Reset packer @ 3748. Perfs 3760 - 3960 swab test all water. Release RBP and packer. Reset RBP @ 3748. Reset packer @ 3468. First two test all water. Third test oil show.  
10/15/09 Swab test SA perfs 3490 to 3690, oil show.  
10/20/08 Release RBP and packer. TOO H LD RBP and packer. TIH w/5-1/2 CIBP set @ 4582. TIH w/5-1/2 CIBP set @ 3737. RIH w/ 116jts 2-7/8 tbg, SN @ 3657.  
10/21/09 RIH w/2.5x2x20 pump. Hang on well.