

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		5. Lease Serial No. NMLC029509B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 W TEXAS AVE SUITE 1300 MIDLAND, TX 79701		7. If Unit or CA/Agreement, Name and/or No
3b. Phone No. (include area code) Ph: 432-685-4332		8. Well Name and No. JC FEDERAL 13
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T17S R32E NWNE 990FNL 2310FEL		9. API Well No. 30-025-38697-00-S1
		10. Field and Pool, or Exploratory MALJAMAR, Yeso, West
		11. County or Parish, and State LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION
☐ Notice of Intent	☐ Acidize
☒ Subsequent Report	☐ Deepen
☐ Final Abandonment Notice	☐ Fracture Treat
	☐ New Construction
	☐ Plug and Abandon
	☐ Plug Back
	☐ Production (Start/Resume)
	☐ Reclamation
	☐ Recomplete
	☐ Temporarily Abandon
	☐ Water Disposal
	☐ Water Shut-Off
	☐ Well Integrity
	☒ Other Drilling Operations

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.)

07/29/08 Perf @ 6620 - 6820 w/ 2 SPF, 48 holes.

07/30/08 Acidize w/2,500 gals acid. Frac w/123,000 gals gel, 118,193# 16/30 sand, 18,193# Siberprop sand.

07/31/08 Set comp plug @ 6590. Perf @ 6350 - 6550 w/2 SPF, 36 holes. Acidize w/2,500 gals acid.

Frac w/148,000 gals gel, 150,236# 16/30 sand, 30,000# Siberprop sand. Set comp plug @ 6320. Perf @ 6080 - 6280 w/ 2 SPF, 36 holes. Acidize w/2,500 gals acid. Frac w/108,000 gals gel, 135,895# 16/30 sand, 24,786# Siberprop sand.

08/05/08 Drill out plugs. Clean out to PBTD 6980.

08/09/08 RIH w/ 183jts 2-7/8" J55 tbg, SN @ 5968".

08/07/08 RIH w/ 2-2/1"x2"x25' RHTC pump. Hang on well.

14. I hereby certify that the foregoing is true and correct.	
Electronic Submission #63050 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by KURT SIMMONS on 09/16/2008 (08KMS1194SE)	
Name (Printed/Typed) KANICIA CARRILLO	Title PREPARER
Signature (Electronic Submission)	Date 09/15/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED		JAMES A AMOS Title SUPERVISOR EPS	Date 11/02/2008
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 <i>KZ</i>	2008

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 ****