

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMLC029509B
2. Name of Operator COG OPERATING LLC		6. If Indian, Allottee or Tribe Name
3a. Address 550 WEST TEXAS AVENUE SUITE 100 MIDLAND, TX 79701-4287		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 432-686-3087		8. Well Name and No. JC FEDERAL 45
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 22 T17S R32E SENW 1680FNL 1410FWL		9. API Well No. 30-025-39616-00-S1
		10. Field and Pool, or Exploratory MALJAMAR MALJAMAR-YESO
		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
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Deepen
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Fracture Treat
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Plug and Abandon
	<input type="checkbox"/> Plug Back
	<input type="checkbox"/> Production (Start/Resume)
	<input type="checkbox"/> Reclamation
	<input type="checkbox"/> Recomplete
	<input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Water Disposal
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Well Integrity
	<input checked="" type="checkbox"/> 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.)

12/23/10 Test csg to 5000# for 30 min, ok.

12/24/10 Perf Lower Blinbry @ 6650 - 6850 w/1 SPF, 26 holes.

12/27/10 Acidize w/3,500 gals acid. Frac w/114,799 gals gel, 148,852# 20/40 Ottawa sand, 34,363#

20/40 CRC. Set comp plug @ 6610. Perf Middle Blinbry @ 6380-6580 w/1 SPF, 26 holes. Acidize w/3,855 gals acid. Frac w/117,959 gals gel, 147,474# 20/40 Ottawa sand, 34,535# 20/40 CRC. Set comp plug @ 6340. Perf Upper Blinbry @ 6160-6310 w/1 SPF, 26 holes. Acidize w/3,514 gals acid. Frac w/114,736 gals gel, 147,008# 20/40 Ottawa sand, 36,749# 20/40 CRC. Set comp plug @ 5625. Perf Paddock @ 5460-5590 w/ 1 SPF, 24 holes.

12/28/10 Acidize w/3,000 gals acid. Frac w/100,826 gals gel, 108,840# 20/40 Ottawa sand, 16,640# 20/40 CRC.

1/2/11 Drill out plugs. Clean out to PBTD 7060.

1/3/11 Set RBP @ 5631. Test to 1000#.

14 I hereby certify that the foregoing is true and correct. Electronic Submission #101901 verified by the BLM Well Information System For COG OPERATING LLC, sent to the Hobbs Committed to AFMSS for processing by CHERYLE RYAN on 02/02/2011 (11CMR0083SE)	
Name (Printed/Typed) CHASITY JACKSON	Title PREPARER
Signature (Electronic Submission)	Date 02/02/2011

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ACCEPTED	JAMES A AMOS Title SUPERVISOR EPS	Date 02/03/2011
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>

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 ****

JUL 14 2011

Additional data for EC transaction #101901 that would not fit on the form

32. Additional remarks, continued

1/5/11 Refrac 5460-5590 w/103,034 gals gel, 107,791# 16/30 Ottawa sand, 21,219# 16/30 CRC.
1/9/11 Release RBP. RIH w/209jts 2-7/8" 6.5# J55 tbg, SN @ 6622.
1/10/11 RIH w/2-1/2"x2"x24' pump. Hang on well.