

EC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 23 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 recomplete 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		8. Well Name and No. GC FEDERAL 21
2. Name of Operator COG OPERATING LLC		9. API Well No. 30-025-39267
3a. Address 550 WEST TEXAS AVE STE 1300 MIDLAND, TX 79701	3b. Phone No. (include area code) Ph: 432-685-4332	10. Field and Pool, or Exploratory MALJAMAR; YESO, WEST
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 20 T17S R32E 1980FSL 2110FWL 32.81829 N Lat, 103.78697 W Lon		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 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 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.)

5/14/10 Test 5-1/2 csg 5000 psi, ok.
 5/17/10 Perf Lower Blinebry @ 6650-6850 w/1 SPF, 26 holes.
 5/18/10 Acidize w/2,500 gals acid. Frac w/125,000 gals gel, 144,306# 16/30 White Sand, 31,664#
 16/30 Siberprop. Set comp plug @ 6590. Perf Middle Blinebry @ 6360-6560 w/1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/ 125,000 gals gel, 145,787# 16/30 White Sand, 32,377# 16/30 Siberprop.
 Set comp plug @ 6290. Perf Upper Blinebry @ 6060-6260 w/ 1 SPF, 26 holes. Acidize w/2,500 gals acid. Frac w/ 125,000 gals gel, 147,908# 16/30 White Sand, 32,680# Siberprop. Set comp plug @ 5610.
 Perf Paddock @ 5408-5560 w/1 SPF, 24 holes. Acidize w/3,000 gals acid. Frac w/110,000 gals gel, 111,782# 16/30 White Sand, 17,191# 16/30 Siberprop
 5/20/10 Drill out plugs. Clean out to PBTD 6964.
 5/21/10 RIH w/210jts 2-7/8" J55 6.5# tbg, SN @ 6617.
 5/24/10 RIH w/ 2-1/2"x2"x24" tbg pump. Hang on well.

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

Electronic Submission #89373 verified by the BLM Well Information System
For COG OPERATING LLC, sent to the Hobbs

Name (Printed/Typed) KANICIA CARRILLO

Title PREPARER

Signature (Electronic Submission)

Date 07/12/2010

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	ACCEPTED FOR RECORD AUG 13 2010 /s/ Roger Hall BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE	Date
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		
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 any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction			

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

PETROLEUM ENGINEER

OCT 05 2010