

UNITED STATES **COO-HOBBS**  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**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

2. Name of Operator **COG Operating LLC**

3a. Address **550 W. Texas Ave., Suite 1300 Midland, TX 79701**

3b. Phone No. (include area code) **432-685-4340**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**2310' FSL & 990' FWL, Section 31, T17S, R32E, Unit L**

5. Lease Serial No.  
**NMNM - 03428**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.  
**PANTHER FEDERAL #2**

9. API Well No.  
**30-025-36323**

10. Field and Pool, or Exploratory Area  
**DHC ?**

11. County or Parish, State  
**Lea County, NM**

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

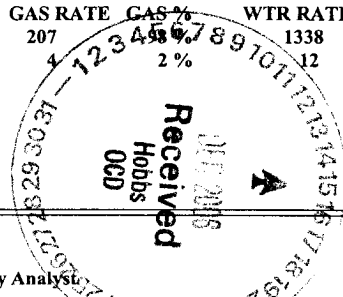
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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 <b>DHC Delaware</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>&amp; Grayburg /</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>San Andres</b>

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 recomplete 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 recompletion 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.)

- 8-24-06 POH w/ rods & tbg. Perf w/ 2 SPF 3797' - 4103'. 48 holes.
- 8-25-06 Acidize w/ 2500 gals acid.
- 8-25-06 Frac 3797' - 4103' w/ 99,038 gals gel, 8020# LiteProp, & 90,460# 16/30 sand.
- 8-26-06 RIH w/ 149 jts 2-7/8" J55 tbg, SN @ 4528'. RIH w/ rods & 2-1/2" x 2" x 24' pump. Turn to production.

**COG Operating LLC received Administrative Order DHC 3820 11/2/06.  
The Bureau of Land Management was informed of this intent by letter 10/18/06. The DHC is as follows:**

POOL	PERFS	OIL RATE	OIL %	GAS RATE	GAS %	WTR RATE	WTR %
Maljamar; Grayburg San Andres (43329)	3797 - 4103	128	98 %	207	45 %	1338	99 %
Tamano; Delaware (97270)	4487 - 4491	3	2 %		2 %	12	1 %



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

Name (Printed/Typed) **Phyllis A. Edwards** Title **Regulatory Analyst**

Signature *Phyllis A. Edwards* Date **11/06/2006**

**ACCEPTED FOR RECORD**

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

Approved by *Chris Williams* Title **SUPERVISOR/GENERAL MANAGER** Date **FEB 22 2007**

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 **WESLEY W. INGRAM** Date **DEC 14 2006**  
**PETROLEUM ENGINEER**

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.

(Instructions on page 2)