

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

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)  
**T-17S, R-32E**

5 Lease Serial No.

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

9 API Well No.

10 Field and Pool, or Exploratory Area  
**MALJAMAR: YESO, West 44500**

11. County or Parish, State

**LEA, 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 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>Change APD</b> |
|                                                      | <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       | <b>Drill Plan</b>                                           |
|                                                      | <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 respectfully requests a variance for drill plan items #4: casing program, #5: cement program, and #6: minimum specifications for pressure control.

Also attached is well name list that this variance applies to.

*See written COA.*

**RECEIVED**

APR 03 2008

**HOBBS OCD**

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

03/26/2008

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

Approved by

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

Title

Office

*Wesley W. Ingram*

**APPROVED**

Date **APR 1 2008**

*Wesley W. Ingram*  
**WESLEY W. INGRAM**

Title 18 USC 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)

## Sundry Notes to Change APD's

### Maljamar Area, T17S, R32E

3/26/08

#### 4. Casing Program

*depends on well, see COA for well*

| Hole Size      | Interval | OD Casing | Weight    | Grade       | Jt., Condition | brst/clps/ten    |
|----------------|----------|-----------|-----------|-------------|----------------|------------------|
| 17 1/2"        | 0-650'   | 13 3/8"   | 48#       | H-40        | ST&C/New       | 6.03/2.578/10.32 |
| 11" or 12 1/4" | 0-2100'  | 8 5/8"    | 24 or 32# | J-55        | ST&C/New       | 1.85/1.241/4.78  |
| 7 7/8"         | 0-T.D.   | 5 1/2"    | 17#       | J-55 or L80 | LT&C/New       | 1.59/1.463/2.05  |

#### 5. Cement Program

13 3/8" Surface Casing:

Class C, 500 sx lead, yield-1.98 + 200 sx tail, yield-1.32, back to surface.

8 5/8" Intermediate Casing:

11" Hole: Class C, 500 sx lead, yield-2.45 + 200 sx tail, yield-1.32, back to surface.

12-1/4" Hole: Class C, 700 sx lead, yield-2.45 + 200 sx tail, yield-1.32, back to surface.

5 1/2" Production Casing:

Class C, 700 sx Lead, yield-1.97 + 400 sx Tail, yield-1.37, to 200' minimum tie back to intermediate casing.

#### 6. Minimum Specifications for Pressure Control

The blowout preventer equipment (BOP) shown in Exhibit #9 will consist of a double ram-type (2000 psi WP) preventer. This unit will be hydraulically operated and the ram type preventer will be equipped with blind rams on top of 4 1/2" drill pipe rams on the bottom. The BOP will be nipped up on the 13 3/8" surface casing and tested to 1000 psi by rig pump. The BOP will then be nipped up on the 8 5/8" intermediate casing and tested by a third party to 2000 psi and used continuously until total depth is reached. All BOP's and accessory equipment will be tested to 2000 psi before drilling out of the intermediate casing. Pipe-rams will be operationally checked each 24-hour period. Blind rams will be operationally checked on each trip out of the hole. These checks will be noted on the daily tour sheets. Other accessories to the BOP equipment (Exhibit #10) will include a Kelly cock and floor safety valve, choke lines and a choke manifold (Exhibit #11) will a 2000 psi WP rating.

| BLM Permits Submitted<br>as of 3-26-08 |        |                    |                              |           |          |          |
|----------------------------------------|--------|--------------------|------------------------------|-----------|----------|----------|
| Well Name                              | County | Location           | Unit<br>Sec, Township, Range | Permit    |          | Area     |
|                                        |        |                    |                              | Submitted | Approved |          |
| B C Federal #1630-025-38724            | Lea    | 330 FNL, 1650 FEL  | Sec 19, T17S, R32E, Unit B   | 10/12/07  | 01/25/08 | MALJAMAR |
| B C Federal #1830-025-38725            | Lea    | 642 FNL, 742 FWL   | Sec 19, T17S, R32E, Unit D   | 10/19/07  | 01/25/08 | MALJAMAR |
| B C Federal #1930-025-38837            | Lea    | 1460 FNL, 420 FWL  | Sec 19, T17S, R32E, Unit E   | 10/12/07  |          | MALJAMAR |
| B C Federal #20                        | Lea    | 915 FNL, 2560 FWL  | Sec 19, T17S, R32E, Unit C   | 10/12/07  |          | MALJAMAR |
| B C Federal #2130-025-38726            | Lea    | 2410 FNL, 2060 FWL | Sec 19, T17S, R32E, Unit F   | 10/19/07  | 01/25/08 | MALJAMAR |
| B C Federal #2230-025-38741            | Lea    | 990 FNL, 990 FEL   | Sec 19, T17S, R32E, Unit A   | 10/12/07  | 02/02/08 | MALJAMAR |
| B C Federal #2330-025-38742            | Lea    | 2310 FNL, 330 FEL  | Sec 19, T17S, R32E, Unit H   | 10/12/07  | 02/01/08 | MALJAMAR |
| B C Federal #2430-025-38743            | Lea    | 1750 FNL, 2150 FEL | Sec 19, T17S, R32E, Unit G   | 10/16/07  | 2/2/1008 | MALJAMAR |
| B C Federal #2530-025-38744            | Lea    | 990 FNL, 2310 FEL  | Sec 20, T17S, R32E, Unit B   | 10/16/07  | 02/01/08 | MALJAMAR |
| B C Federal #2630-025-38745            | Lea    | 2310 FNL, 840 FWL  | Sec 20, T17S, R32E, Unit E   | 10/12/07  | 02/01/08 | MALJAMAR |
| B C Federal #2730-025-38727            | Lea    | 400 FNL, 1090 FEL  | Sec 20, T17S, R32E, Unit A   | 10/12/07  | 01/25/08 | MALJAMAR |
| B C Federal #2830-025-38746            | Lea    | 690 FNL, 280 FEL   | Sec 20, T17S, R32E, Unit A   | 10/19/07  | 02/01/08 | MALJAMAR |
| B C Federal #2930-025-38814            | Lea    | 1790 FNL, 480 FWL  | Sec 20, T17S, R32E, Unit E   | 12/10/07  | 03/07/08 | MALJAMAR |
| B C Federal #3130-025-38713            | Lea    | 1690 FNL, 2150 FEL | Sec 20, T17S, R32E, Unit G   | 12/10/07  | 01/21/08 | MALJAMAR |
| B C Federal #3230-025-38829            | Lea    | 2360 FNL, 1650 FEL | Sec 20, T17S, R32E, Unit G   | 12/10/07  | 01/21/08 | MALJAMAR |
| G C Federal #630-025-38545             | Lea    | 2310 FSL, 330 FWL  | Sec 20, T17S, R32E, Unit L   | 06/25/07  | 09/05/07 | MALJAMAR |
| G C Federal #730-025-38737             | Lea    | 1787 FSL, 1767 FWL | Sec 19, T17S, R32E, Unit K   | 10/19/07  | 02/02/08 | MALJAMAR |
| G C Federal #8                         | Lea    | 2437 FSL 860 FEL   | Sec 19, T17S, R32E, Unit I   | 01/15/08  |          | MALJAMAR |
| JC Federal #630-025-37965              | Lea    | 2490 FSL, 1980 FWL | Sec 22, T17S, R32E, Unit K   | 05/15/06  | 06/16/06 | MALJAMAR |
| JC Federal #730-025-37966              | Lea    | 2085 FNL, 2085 FEL | Sec 22, T17S, R32E, Unit G   | 05/15/06  | 06/16/06 | MALJAMAR |
| JC Federal #1030-025-38731             | Lea    | 530 FNL, 1650 FEL  | Sec 22, T17S, R32E, Unit B   | 10/05/07  | 01/25/08 | MALJAMAR |
| JC Federal #1130-025-38695             | Lea    | 330 FNL, 330 FEL   | Sec 22, T17S, R32E, Unit A   | 11/12/07  | 01/11/08 | MALJAMAR |
| JC Federal #1230-025-38696             | Lea    | 990 FNL, 990 FEL   | Sec 22, T17S, R32E, Unit A   | 11/12/07  | 01/11/08 | MALJAMAR |
| JC Federal #1330-025-38697             | Lea    | 990 FNL, 2310 FEL  | Sec 22, T17S, R32E, Unit B   | 11/12/07  | 01/11/08 | MALJAMAR |
| JC Federal #1430-025-38698             | Lea    | 1650 FNL, 330 FEL  | Sec 22, T17S, R32E, Unit H   | 11/12/07  | 01/11/08 | MALJAMAR |
| JC Federal #1530-025-38699             | Lea    | 2310 FNL, 990 FEL  | Sec 22, T17S, R32E, Unit H   | 11/12/07  | 01/11/08 | MALJAMAR |
| JC Federal #1630-025-38836             | Lea    | 990 FNL 1650 FWL   | Sec 22, T17S, R32E, Unit C   | 01/15/08  |          | MALJAMAR |
| JC Federal #1730-025-38831             | Lea    | 2310 FNL 1650 FWL  | Sec 22, T17S, R32E, Unit F   | 01/15/08  |          | MALJAMAR |
| JC Federal #1830-025-38830             | Lea    | 1650 FSL 330 FWL   | Sec 22, T17S, R32E, Unit L   | 01/15/08  |          | MALJAMAR |
| MC Federal #930-025-37967              | Lea    | 2085 FNL, 1875 FWL | Sec 21, T17S, R32E, Unit F   | 05/15/06  | 06/16/06 | MALJAMAR |
| MC Federal #1430-025-38738             | Lea    | 330 FNL, 2010 FEL  | Sec 21, T17S, R32E, Unit B   | 10/23/07  | 02/01/08 | MALJAMAR |
| MC Federal #1530-025-38835             | Lea    | 330 FNL, 600 FWL   | Sec 21, T17S, R32E, Unit D   | 10/19/07  |          | MALJAMAR |
| MC Federal #1630-025-38739             | Lea    | 1650 FNL, 330 FWL  | Sec 21, T17S, R32E, Unit E   | 10/12/07  | 02/01/08 | MALJAMAR |
| MC Federal #1730-025-38776             | Lea    | 1500 FNL, 2310 FEL | Sec 21, T17S, R32E, Unit G   | 10/12/07  | 02/14/08 | MALJAMAR |
| MC Federal #1830-025-38728             | Lea    | 330 FNL, 1140 FEL  | Sec 21, T17S, R32E, Unit A   | 10/16/07  | 01/25/08 | MALJAMAR |
| MC Federal #1930-025-38740             | Lea    | 990 FNL, 990 FWL   | Sec 22, T17S, R32E, Unit D   | 10/12/07  | 02/02/08 | MALJAMAR |
| MC Federal #2130-025-38815             | Lea    | 990 FNL, 990 FWL   | Sec 21, T17S, R32E, Unit D   | 12/10/07  | 03/07/08 | MALJAMAR |
| MC Federal #2230-025-38719             | Lea    | 990 FNL, 1780 FEL  | Sec 21, T17S, R32E, Unit B   | 12/10/07  | 01/21/08 | MALJAMAR |
| MC Federal #2330-025-38716             | Lea    | 990 FNL, 480 FEL   | Sec 21, T17S, R32E, Unit A   | 12/10/07  | 01/21/08 | MALJAMAR |
| MC Federal #2430-025-38717             | Lea    | 2260 FNL, 990 FWL  | Sec 21, T17S, R32E, Unit E   | 12/10/07  | 01/21/08 | MALJAMAR |
| MC Federal #2530-025-38832             | Lea    | 330 FNL 2310 FWL   | Sec 21, T17S, R32E, Unit C   | 01/15/08  |          | MALJAMAR |
| MC Federal #2630-025-38833             | Lea    | 2560 FNL 1880 FEL  | Sec 21, T17S, R32E, Unit G   | 01/15/08  |          | MALJAMAR |