

## OCD-ARTESIA

Form 3160-5  
(April 2004)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM 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

APR - 3 2008

2 Name of Operator  
COG Operating LLC

OCD-ARTESIA

3a Address  
550 W. Texas Ave., Suite 1300 Midland, TX 797013b Phone No. (include area code)  
432-685-4332

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

T-17S, R-30E

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

Loco Hills ; Glorieta Yeso 96718

11. County or Parish, State

EDDY, 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.

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

APPROVED

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

Date

APR 1 2008

*Wesley W. Ingram*

WESLEY W. INGRAM

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)

Accepted for record - NMOCD

## Sundry Notes to Change APD's

### Loco Hills Area, T17S, R30E

3/26/08

#### 4. Casing Program

| Hole Size      | Interval | OD Casing | Weight      | Grade       | Jt., Condition | Jt.  | brst/clps/ten   |
|----------------|----------|-----------|-------------|-------------|----------------|------|-----------------|
| 17 1/2"        | 0-425'   | 13 3/8"   | 48#         | H-40        | ST&C/New       | ST&C | 9.22/3.943/15.8 |
| 11" or 12 1/4" | 0-1300'  | 8 5/8"    | 24 or 32#   | J-55        | ST&C/New       | ST&C | 3.03/2.029/7.82 |
| 7 7/8"         | 0-TD     | 5 1/2"    | 15.5 or 17# | J-55 or L80 | LT&C/New       | LT&C | 1.88/1.731/2.42 |

#### 5. Cement Program

13 3/8" Surface Casing:

Class C, 475 sx, yield 1.32, back to surface

8 5/8" Intermediate Casing:

11" Hole: Class C, 400 sx lead, yield-2.45 + 200 sx tail, yield-1.32, back to surface.

12-1/4" Hole: Class C, 600 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 have a 2000 psi WP rating.

# ELM Permits Submitted

as of 3-26-08

| Well Name             | County | Location           | Unit<br>Sec, Township, Range | Permit    |          | Area       |
|-----------------------|--------|--------------------|------------------------------|-----------|----------|------------|
|                       |        |                    |                              | Submitted | Approved |            |
| Caddo Federal #5      | Eddy   | 990 FNL, 330 FEL   | Sec 17, T17S, R30E, Unit     | 09/25/07  | 12/07/07 | LOCO HILLS |
| Electra Federal #13   | Eddy   | 1741 FNL, 1060 FWL | Sec 10, T17S, R30E, Unit E   | 12/22/06  | 03/07/07 | LOCO HILLS |
| Electra Federal #14   | Eddy   | 1750 FNL, 2310 FWL | Sec 10, T17S, R30E, Unit F   | 12/26/06  | 02/09/07 | LOCO HILLS |
| Electra Federal #18   | Eddy   | 2310 FNL, 330 FWL  | Sec 15, T17S, R30E, Unit E   | 07/18/07  | 09/05/07 | LOCO HILLS |
| Electra Federal #20   | Eddy   | 1650 FSL, 330 FWL  | Sec 10, T17S, R30E, Unit L   | 09/14/07  | 10/27/07 | LOCO HILLS |
| Electra Federal #21   | Eddy   | 1650 FSL, 1650 FWL | Sec 10, T17S, R30E, Unit K   | 09/14/07  | 10/27/07 | LOCO HILLS |
| Electra Federal #22   | Eddy   | 2310 FNL, 1650 FWL | Sec 10, T17S, R30E, Unit F   | 09/20/07  |          | LOCO HILLS |
| Electra Federal #23   | Eddy   | 2510 FNL, 250 FWL  | Sec 10, T17S, R30E, Unit E   | 08/19/07  | 12/07/07 | LOCO HILLS |
| Harvard Federal #10   | Eddy   | 1690 FNL, 1055 FWL | Sec 12, T17S, R30E, Unit E   | 10/05/07  | 11/01/07 | LOCO HILLS |
| Harvard Federal #11   | Eddy   | 330 FNL, 990 FWL   | Sec 12, T17S, R30E, Unit D   | 10/05/07  | 12/05/07 | LOCO HILLS |
| Harvard Federal #12   | Eddy   | 700 FNL, 700 FEL   | Sec 11, T17S, R30E, Unit A   | 10/08/07  | 12/05/07 | LOCO HILLS |
| Holder CB Federal #13 | Eddy   | 330 FSL, 380 FWL   | Sec 9, T17S, R30E, Unit M    | 09/27/07  | 12/05/07 | LOCO HILLS |
| Holder CB Federal #14 | Eddy   | 1650 FSL, 330 FWL  | Sec 9, T17S, R30E, Unit L    | 09/25/07  | 12/05/07 | LOCO HILLS |
| Holder CB Federal #15 | Eddy   | 2160 FSL, 890 FWL  | Sec 9, T17S, R30E, Unit L    | 09/25/07  | 12/05/07 | LOCO HILLS |
| Polaris B Federal #10 | Eddy   | 2310 FSL, 330 FEL  | Sec 9, T17S, R30E, Unit I    | 12/14/06  | 01/22/07 | LOCO HILLS |
| Polaris B Federal #18 | Eddy   | 330 FNL, 2310 FWL  | Sec 17, T17S, R30E, Unit C   | 09/26/07  | 11/15/07 | LOCO HILLS |
| Polaris B Federal #19 | Eddy   | 1800 FNL, 2310 FWL | Sec 17, T17S, R30E, Unit F   | 09/27/07  | 12/05/07 | LOCO HILLS |
| Polaris B Federal #20 | Eddy   | 2310 FNL, 1650 FWL | Sec 17, T17S, R30E, Unit F   | 09/27/07  | 12/05/07 | LOCO HILLS |
| Woolley Federal #11   | Eddy   | 990 FSL, 1650 FWL  | Sec 21, T17S, R30E, Unit N   | 01/08/07  | 03/06/07 | LOCO HILLS |

Woolley

not expired - OK