

UNITED STATES  
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)

**890' FNL & 1090' FWL,  
UNIT D, SECTION 33, T20S, R27E**

5. Lease Serial No.  
**LC-072015-C**

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.  
**HANSON 33 FEDERAL #4**

9. API Well No.  
**30-015-33951**

10. Field and Pool, or Exploratory Area  
**AVALON- ATOKA (GAS)**

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 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>Completion</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomple 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 recomple 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.)

7-11-05 Perf Lower Morrow w/ 2 SPF from 10,866' - 10,879' (13'). 26 total .42 holes.

7-12-05 Acidize Lower Morrow perfs 10,866' - 10,879' w/ 1500 gal 7-1/2% Morrow blend acid and 102,000 SCF of N2. Flow & swab well.

7-16-05 Set 5-1/2" 10,000# CIBP @ 10,850'. Dump 20' cmt of top of CIBP. Perf Morrow w/ 2 SPF from 10,672' - 10,681' (9') & 10,628' - 10,638' (10'). 40 total .42" holes. Set pkr @ 10,486'.

7-19-05 Acidize Morrow perfs 10,628' - 10,638' & 10,672' - 10,681' w/ 2000 gal 7-1/2% Morrow acid & 122,000 SCF N2. Flow & swab well.

7-29-05 Frac Morrow perfs 10,628' - 38' & 10,672' - 81' w/ 45,600 gal quality binary foam and 42,000# 18/40 ultraprop. Swab & flow well.

8-6-05 SWI @ 4 PM. WO workover rig.

8-20-05 TOH w/ tbg & pkr. Set CIBP @ 10,590' & press test plug, csg, & BOP's to 2000 psi. Dump 35' cmt on plug.

8-22-05 TIH w/ tbg & pkr & set pkr @ 9,900'. Perf Atoka w/ 6 SPF from 9995' - 10,001' (6'). 36 total .42 holes. Flow well.

8-24-05 Put well on test.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Phyllis Edwards**

Title **Regulatory Analyst**

Signature

*Phyllis Edwards*

Date

**10-17-05**

**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

Date

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 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)