

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

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

*NMOCD  
Artesia*

**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)

**810' FSL & 660' FWL,  
Unit M, Section 4, T-19S, R-31E**

5. Lease Serial No.  
**NM-105217**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
**Nm 114179**

8. Well Name and No.  
**Blue Thunder 4 Federal #1**

9. API Well No.  
**30-015-34125**

10. Field and Pool, or Exploratory Area  
**Lusk Morrow Gas West**

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

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

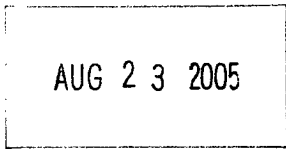
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete
	<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
			<input type="checkbox"/> Water Shut-Off
			<input type="checkbox"/> Well Integrity
			<input checked="" type="checkbox"/> Other <b>Re-perf &amp; frac</b>
			<b>Morrow</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.)

8-3-06 Perf Morrow w/ 4 SPF 12,108' - 12,123', 12,130' - 12,134' (19'), 76 total 2" holes.

8-7-06 Frac Morrow perfs 12,108' - 12,134' w/ 35,500 gallons 70 Quality Binary foam carrying 25,000# 18040 Ultraprop. Flow test well.

8-13-06 Turn to production.

ACCEPTED FOR RECORD  
  
**AUG 23 2005**  
 GARY GOURLEY  
 PETROLEUM ENGINEER

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

**08/18/2006**

**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

**Accepted for record - NMOCD**

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.