

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)  
**432-685-4332**

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

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 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>Adding</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Morrow Perfs</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>Continued...</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 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.)

12/19/07 MIRU slickline and tagged plug in tubing. Loaded tubing, casing annulus w/ 14bbls and pressured to 1500 psi. Latched plug and shifted equalizer pin. Casing pressure had bled to 500 psi. Tubing went on vacuum. After 30 minutes, no change on casing pressure. Attempted to pull plug w/no success. Loaded tubing and could not release plug. Could not shear off. Dropped slickline cutter and cut slickline leaving 30' of line in hole.

12/20/07 Loaded casing w/14 bbls. Loaded tubing w/0.25 bbls. MIRU Rotary wireline. Shot 2 holes in tubing @ 11,760'. Released packer and POOH. PU 5-1/2" service packer and TIH. Set packer below perfs and tested lower packer and plug to 3000 psi. Pulled packer above perfs and tested casing to 2500 psi. Released packer.

12/21/07 POOH w/ service packer. TIH w/wireline reentry guide, Arrowset 1X 10K packer, on/off tool w/ 2.313" X nipple and 2-7/8" P110 tubing. Set packer @ 11,820' w/ 20,000# compression. ND BOP. NU tree. Pressured annulus to 2700 psi and watched for 40 minutes.

12/22/07 Swab tubing. No fluid entry.

12/26/07 Swab tubing. RU unit to production equipment.

12/29/07 MIRU BJ Services. Spearheaded 2000 gals 7-1/2% acid w/methanol ahead of pad. Pumped 45,894 gals of 65Q binary foam and 51,000# 18/40 Versaprop. Screened out w/ 1/2 flush pumped. Placed 48,000# proppant in formation. Start flowing back on 12/64" choke.

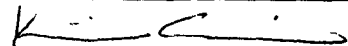
12/30/07 - 01/04/08 Flowing. 01/05/08 Turned down sales line.

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

**Kanicia Carrillo**

Title **Regulatory Analyst**

Signature



Date

**02/21/2008**

**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

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)