

Form 3160-5
(April 2004)

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)

**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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Spud & set surface & intermediate casing
	<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.)

10-2-05 Notify BLM of intent to spud. Spud 17-1/2" hole @ 1 PM.

10-3-05 Drill 17-1/2 hole to 560'. Notify BLM of csg & cmt job. Ran 12 jts of 13-3/8" 48# H-40 STC 8rd csg set @ 555'. Cmt w/ 270 sx 35/65/6 + additives. 12.5#, Yield 1.98. Tail 200 sx Cl C + 2% CaCl2. 14.8#, Yield 1.30. Plug down @ 7:03 PM. Circ 142 sx to pit. WOC 24 hrs. Cut off csg & weld on head. Test to 1000 psi - OK. NU BOP. Test to 1350 psi - OK.

10-9-05 Drill 12-1/4" hole to 3525'. Notify BLM of csg & cmt job. Ran 79 jts of 32# J55 csg set @ 3525'. Cmt w/ 1160 sx Cl C + additives. 11.8#, Yield 2.45. Tail 200 sx Cl C + 1% CaCl2. 14.8#, Yield 1.34. Bump plug @ 4:54 PM. Circ 150 sx to pit. Cmt job witnessed by BLM representative Gene Hunt. WOC 24 hrs. Cut off csg & test to 1000#. - OK NU BOP & test to 5000# - OK.

ACCEPTED FOR RECORD

OCT 17 2005

ALEXIS C. SWOBODA
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

10-11-05

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)