

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 24 2007

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 ☐ Other2. Name of Operator
COG Operating LLC3a 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)

1800' FSL & 1980' FEL,
Unit J, Section 5, T-19S, R-31E

5. Lease Serial No.

NMLC-069033

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Blue Thunder 5 Federal #3

9. API Well No.

30-015-35544

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	
	<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)

07-24-07 TIH w/ 2 7/8" tbg. Tbg set @ 12,065'. Pkr @ 12,035'.

07-27-07 Perf w/ 4 SPF 12,107' - 12,118'. 45 holes. Flow test well.

07-28-07 - 08-01-07 SI for buildup.

08-02-07 SI WO pipeline.

08-03-07 Started selling gas down Duke pipeline@ 5:00 PM. Turn to production.

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

Kancia Carrillo

Title Regulatory Analyst

Signature

Date

09/19/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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.

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)

DISTRICT I
1400 E. Pecos St., Santa Fe, NM 87505

DISTRICT II
1501 E. Grand Avenue, Santa Fe, NM 87505

DISTRICT III
1000 N. Main St., Santa Fe, NM 87505

DISTRICT IV
1400 E. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2006

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-35544	Pool Code 80840	Pool Name LUCK MALLON, West
Property Code 35819	Property Name BLUE THUNDER "5" FEDERAL	Well Number 3
OGSD No. 229137	Operator Name C.O.G. OPERATING L.L.C.	Elevation 3577'

Surface Location

UL or Lot No. J	Section 5	Township 19 S	Range 31 E	Lot Idn	Feet from the 1800	North/South line SOUTH	Feet from the 1980	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and correct to the best of my knowledge and belief, and that this information either came from a reliable source or was obtained from a reliable source.</p> <p>Signature: Lee Ann Rollins Date: 7/13/07 Printed Name: Lee Ann Rollins Agent for C.O.G. Operating, LLC</p>
	<p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>JANUARY 26, 2007</p> <p>Date Surveyed: 1/26/07 Signature: W. L. Jones Professional Surveyor W. L. Jones 1988</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>

OPERATOR
WELL/LEASE
COUNTY

COG OPERATING, LLC
BLUE THUNDER 5 FED. 3
EDDY

074-0047

STATE OF NEW MEXICO
DEVIATION REPORT

200	0.50	9,550	1.75
410	0.75	9,741	2.00
595	0.50	9,837	1.25
885	0.50	10,154	2.00
1,138	0.75	10,313	1.75
1,485	1.00	10,599	1.25
1,771	0.75	10,816	1.00
2,216	1.75	11,088	1.00
2,329	1.00	11,368	1.00
2,475	0.75	11,664	1.50
2,823	0.50	11,852	0.50
3,013	0.50	12,170	0.25
3,331	0.75	12,380	2.00
3,585	0.75		
3,902	0.50		
4,560	0.25		
4,815	0.50		
5,201	0.25		
5,519	0.75		
5,819	0.75		
6,156	0.50		
6,441	0.50		
6,727	1.00		
7,044	1.00		
7,330	1.00		
7,585	0.75		
7,839	1.00		
8,184	1.00		
8,502	1.00		
8,883	1.50		
9,200	3.00		
9,296	1.50		
9,391	1.50		

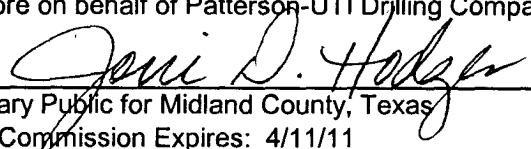
BY: 

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

July 24, 2007, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11

