

<b>Well Name:</b> BLUE THUNDER 4 FEDERAL COM	<b>Well Location:</b> T19S / R31E / SEC 4 / SWSW / 32.6844226 / -103.8808604	<b>County or Parish/State:</b> EDDY / NM
<b>Well Number:</b> 1	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM105217	<b>Unit or CA Name:</b> BLUE THUNDER 4 FED 1	<b>Unit or CA Number:</b> NMNM114179
<b>US Well Number:</b> 3001534125	<b>Operator:</b> COG OPERATING LLC	

Subsequent Report

<b>Sundry ID:</b> 2843815	
<b>Type of Submission:</b> Subsequent Report	<b>Type of Action:</b> Plug and Abandonment
<b>Date Sundry Submitted:</b> 03/27/2025	<b>Time Sundry Submitted:</b> 07:51
<b>Date Operation Actually Began:</b> 02/27/2025	

**Actual Procedure:** 02/27/25 MIRU plugging equipment. 02/28/25 Checked pressures, 1600 psi on tbg. Pumped 80 bbls 10# brine H2O & killed well. 03/01/25 Checked pressures, 600 psi on tbg. Bled down to 200 psi. Pumped 50 bbls 10# brine H2O to kill well. ND wellhead. NU BOP. Could not work tbg anchor free. POH w/ 250 jts of tbg. 03/03/25 Checked pressures, 300 psi on tbg & csg. POH w/ 361 jts of tbg. RIH w/ guage ring to 11,740'. POH. 03/05/25 Checked pressures, 0 psi. RU Wireline. Set 5 ½" CIBP @ 11,630'. 03/06/25 Checked pressures, 100 psi on tbg & csg. Tagged CIBP @ 11,678'. Circulated holes w/ 250 bbls 10# MLF. 03/07/25 Checked pressures, 0 psi. POH w/ tbg. RU TWG wireline, tagged @ 11,690'. POH. 03/10/25 Checked pressures, 0 psi. RIH w/ tbg, tagged @ 11,690'. Spotted 107 sxs class H cmt @ 11,690-10,718'. Spotted 60 sx class H cmt @ 9,954-9,410'. WOC. 03/11/25 Checked pressures, 0 psi. Tagged TOC @ 9,621'. Spotted 25 sxs class H cmt @ 8,179-7,975'. Spotted 25 sxs class C cmt @ 6,594- 6,340'. Spotted 25 sxs class C cmt @ 5,040-4,787'. Spotted 50 sxs class C cmt @ 3,614-3,107'. WOC. 03/12/25 Checked pressures, 0 psi. Tagged TOC @ 3,128'. Perf'd @ 675'. Sqz'd 165 sxs class C cmt @ 675' & circulated to surface. RDMO. 03/18/25 Moved in backhoe & welder. Performed bubble test & verified no leaks. Dug out cellar. Cut off wellhead & verified cement at surface. Installed a below ground DHM. Dug up anchors, backfilled cellar, cleaned location, & moved off.

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Page 2 of 5

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US Well Number: 3001534125	Operator: COG OPERATING LLC	

SR Attachments

Actual Procedure

Blue\_Thunder\_4\_Federal\_1\_Plugging\_Record\_\_20250327075110.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KAYLA ESTRADA	Signed on: MAR 27, 2025 07:51 AM
Name: COG OPERATING LLC	
Title: Regulatory Coordinator	
Street Address: 600 W ILLINOISE AVE	
City: MIDLAND	State: TX
Phone: (432) 688-6837	
Email address: KAYLA.L.ESTRADA@CONOCOPHILLIPS.COM	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 04/01/2025
Signature: James A Amos	

**Proposed P&A NOI  
COG Operating, LLC  
Blue Thunder 4 Federal #1  
30-015-34125**

**02/27/25** MIRU plugging equipment.

**02/28/25** Checked pressures, 1600 psi on tbg. Pumped 80 bbls 10# brine H2O & killed well.

**03/01/25** Checked pressures, 600 psi on tbg. Bled down to 200 psi. Pumped 50 bbls 10# brine H2O to kill well. ND wellhead. NU BOP. Could not work tbg anchor free. POH w/ 250 jts of tbg.

**03/03/25** Checked pressures, 300 psi on tbg & csg. POH w/ 361 jts of tbg. RIH w/ guage ring to 11,740'. POH.

**03/05/25** Checked pressures, 0 psi. RU Wireline. Set 5 ½" CIBP @ 11,630'.

**03/06/25** Checked pressures, 100 psi on tbg & csg. Tagged CIBP @ 11,678'. Circulated holes w/ 250 bbls 10# MLF.

**03/07/25** Checked pressures, 0 psi. POH w/ tbg. RU TWG wireline, tagged @ 11,690'. POH.

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**03/11/25** Checked pressures, 0 psi. Tagged TOC @ 9,621'. Spotted 25 sxs class H cmt @ 8,179-7,975'. Spotted 25 sxs class C cmt @ 6,594-6,340'. Spotted 25 sxs class C cmt @ 5,040-4,787'. Spotted 50 sxs class C cmt @ 3,614-3,107'. WOC.

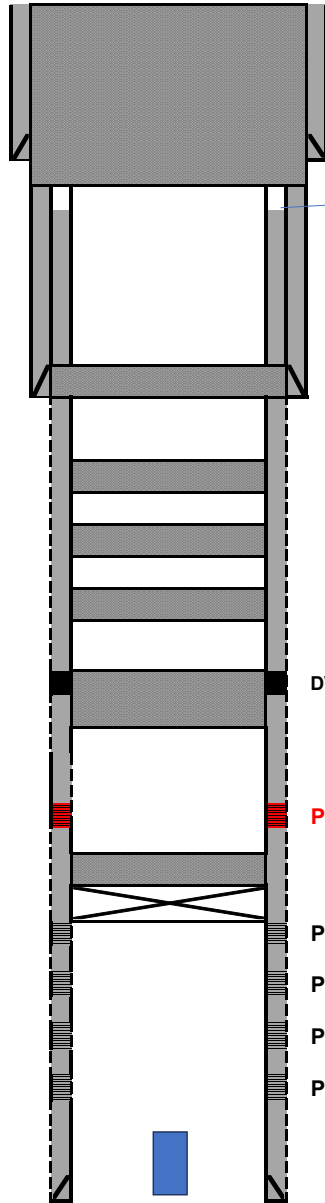
**03/12/25** Checked pressures, 0 psi. Tagged TOC @ 3,128'. Perf'd @ 675'. Sqz'd 165 sxs class C cmt @ 675' & circulated to surface. RDMO.

**03/18/25** Moved in backhoe & welder. Performed bubble test & verified no leaks. Dug out cellar. Cut off wellhead & verified cement at surface. Installed a below ground DHM. Dug up anchors, backfilled cellar, cleaned location, & moved off.

COG		PLUGGED	
Author:	Abby @ JMR	Well No.	1
Well Name	Blue Thunder 4 Federal	API #:	30-015-34125
Field/Pool	Lusk Morrow	Location:	Sec 4, T19S, R31E,
County	Eddy		810'FSL & 660'FWL
State	NM	GL:	3553'
Spud Date	10/2/2005		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surf Csg	13.325	H-40	48	555	17 1/2	470	Surface
Interm Csg	8.625	J-55	32	3,525	12 1/4	1,360	Surface
Prod Csg	5.5	P-110	17	12,295	7 7/8	1,900	

Formation	Top
Rustler	625
Yates	3,545
DB	4,980
Bone Spring	6,540
Wolfc	9,909
Strawn	10,877
Atoka	11,219
Morrow	11,398



PBTD @ 12,253  
TD @ 12,300

5.5 17 CSG @ 0

Live TCP gun left in hole, tagged top @ 12,180' (11/29/2005)

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 447681

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 447681
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	4/11/2025