

Well Name: AVION FEDERAL	Well Location: T23S / R32E / SEC 22 / SESE / 32.2856178 / -103.6550357	County or Parish/State: LEA / NM
Well Number: 02	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM88163	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002533862	Operator: COG OPERATING LLC	

Subsequent Report

Sundry ID: 2825789

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/05/2024

Time Sundry Submitted: 07:30

Date Operation Actually Began: 12/02/2024

**Actual Procedure:** 11/20/24 MIRU plugging equipment. ND wellhead, NU BOP. 11/21/24 Checked pressures, 0 psi. RIH w/ tbg & packer @ 7063'. Circulated with 100 bbls 10# salt gel mud. Spotted 25 sx class H 15.6# with 1.18 yield cmt @ 7,063-6,724'. Pressure tested csg, had small trickle out the intermediate. POH w/ tbg & packer. 11/22/24 Checked pressures, 50 psi on intermediate. RIH w/ packer to 2,835'. Pressure tested csg above and below, held 750 psi. RIH & set pkr @ 5,292'. Perf'd @ 5,786'. Sqz'd 30 sx class C cmt @ 5,786-5,586'. WOC. 11/23/24 Checked pressures, 50 psi on intermediate. Tagged TOC @ 5,444'. Perf'd @ 4,930'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 4,930-4,730'. WOC & tagged @ 4,609'. Packer stuck @ 2,079' w/ EOT @ 2,142'. Could not work free. 11/25/24 Checked pressures, 50 psi on intermediate. Worked tbg free & backed off packer. 4 ½" packer left @ 2,079' w/ 2 jts of tbg below & perf sub. Perf'd @ 2,000'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 2,000-1,800'. WOC & tagged @ 1,660'. Intermediate csg still flowing. Perf'd @ 675'. Circulated on intermediate csg @ 2 bpm w/ 150 psi. ND BOP, NU flange. Sqz'd 200 sx class C cmt @ 675' & circulated to surface. Pressure tested plug to 600 psi. 11/26/24 ND flange. Verified cmt at surface on intermediate & production csg. RDMO. 12/02/24 Moved in backhoe and welder. Dug out cellar. Cut off wellhead. Need to top off surface csg with cmt. 12/03/24 Topped off surface csg w/ 20 sx class C cmt @ 40' to surface.

Received by OCD: 12/9/2024 10:47:04 AM

Page 2 of 17

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US Well Number: 3002533862	Operator: COG OPERATING LLC	

SR Attachments

Actual Procedure

Plugging\_Record\_COP\_Avion\_Federal\_\_2\_3160\_5\_20241205073013.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: JEANETTE BARRON	Signed on: DEC 05, 2024 07:30 AM
Name: COG OPERATING LLC	
Title: Regulatory Coordinator	
Street Address: 2208 W MAIN STREET	
City: ARTESIA	State: NM
Phone: (575) 748-6974	
Email address: JEANETTE.BARRON@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: 12/09/2024
Signature: James A Amos	

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No.
		6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No.
2. Name of Operator		9. API Well No.
3a. Address	3b. Phone No. (include area code)	10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)		11. Country or Parish, State

12. CHECK THE 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 type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<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 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 recompleate 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 perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

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

<b>THE SPACE FOR FEDERAL OR STATE OFFICE USE</b>		
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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Additional Remarks

12/02/24 Moved in backhoe and welder. Dug out cellar. Cut off wellhead. Need to top off surface csg with cmt.

12/03/24 Topped off surface csg w/ 20 sx class C cmt @ 40 to surface.

### Location of Well

0. SHL: SESE / 990 FSL / 330 FEL / TWSP: 23S / RANGE: 32E / SECTION: 22 / LAT: 32.2856178 / LONG: -103.6550357 ( TVD: 0 feet, MD: 0 feet )

BHL: SESE / 990 FSL / 330 FEL / TWSP: 23S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

Form 3160-5  
(June 2015)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**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.**

5. Lease Serial No. NMNM88163

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No. Avion Federal #2

2. Name of Operator COG Operating, LLC

9. API Well No. 30-025-33862

3a. Address 600 W Illinois Midland TX 79701

3b. Phone No. (include area code)  
(432) 683-7443

10. Field and Pool or Exploratory Area  
Diamondtail; Delaware

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
990 FSL & 330 FEL Sec 22, T23S, R32E

11. Country or Parish, State  
Lea County, Hobbs

**12. CHECK THE 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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		
<input type="checkbox"/> Final Abandonment Notice	<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 must 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 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

**JMR Services, LLC plugged this well from 11/20/2024-12/04/2024.**

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

**Jeanette Barron**

Title **Regulatory Coordinator**

Signature *Jeanette Barron*

Date 12.5.24

**THE 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)

**P&A Subsequent Report  
COG Operating, LLC  
Avion Federal #2  
30-025-33862**

**11/20/24** MIRU plugging equipment. ND wellhead, NU BOP.

**11/21/24** Checked pressures, 0 psi. RIH w/ tbg & packer @ 7063'. Circulated with 100 bbls 10# salt gel mud. Spotted 25 sx class H 15.6# with 1.18 yield cmt @ 7,063-6,724'. Pressure tested csg, had small trickle out the intermediate. POH w/ tbg & packer.

**11/22/24** Checked pressures, 50 psi on intermediate. RIH w/ packer to 2,835'. Pressure tested csg above and below, held 750 psi. RIH & set pkr @ 5,292'. Perf'd @ 5,786'. Sqz'd 30 sx class C cmt @ 5,786-5,586'. WOC.

**11/23/24** Checked pressures, 50 psi on intermediate. Tagged TOC @ 5,444'. Perf'd @ 4,930'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 4,930-4,730'. WOC & tagged @ 4,609'. Packer stuck @ 2,079' w/ EOT @ 2,142'. Could not work free.

**11/25/24** Checked pressures, 50 psi on intermediate. Worked tbg free & backed off packer. 4 ½" packer left @ 2,079' w/ 2 jts of tbg below & perf sub. Perf'd @ 2,000'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 2,000-1,800'. WOC & tagged @ 1,660'. Intermediate csg still flowing. Perf'd @ 675'. Circulated on intermediate csg @ 2 bpm w/ 150 psi. ND BOP, NU flange. Sqz'd 200 sx class C cmt @ 675' & circulated to surface. Pressure tested plug to 600 psi.

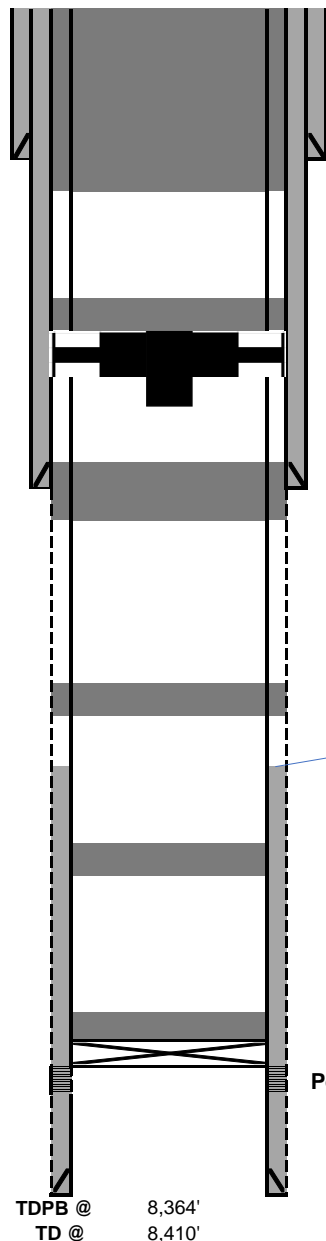
**11/26/24** ND flange. Verified cmt at surface on intermediate & production csg. RDMO.

**12/02/24** Moved in backhoe and welder. Dug out cellar. Cut off wellhead. Need to top off surface csg with cmt.

**12/03/24** Topped off surface csg w/ 20 sx class C cmt @ 40' to surface.

COG Operating		PLUGGED	
Author:	Abby @ JMR	Well No.	2
Well Name	Avion Federal	API #:	30-025-33862
Field/Pool	Delaware	Location:	Sec 22, T23S, R32E,
County	Lea		990'FSL & 330'FEL
State	NM	GL:	3660'
Spud Date	2/4/1999		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surf Csg	13.325	H-40	48	625	17 1/2	800	Surface
Interm Csg	8.625	J55	24	4,874	11	1,656	Surface
Prod Csg	4.5	K55	11.6	8,410	7 7/8	290	6,898



Formation Top	
Rust	1190
Bcyn	4880
Ccyn	5736
Bcyn	7018
Bones Sp	8756

13 3/8 48 CSG @ 625

**Plug #5:** Perf'd @ 675'. Sqz'd 200 sx class C cmt @ 675' & circulated to surface.  
Topped off 13 3/8" csg w/ 20 sx class C cmt @ 40' to surface

**Plug #4:** Perf'd @ 2,000'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 2,000-1,800'.  
WOC & tagged @ 1,660'.

4 1/2" packer left @ 2,079' w/ 2 jts of tbg below & perf sub.

8 5/8 24 Csg @ 4874'

**Plug #3:** Perf'd @ 4930'. Sqz'd 30 sx class C cmt w/ 2% CACL @ 4930-4730'.  
WOC & tagged @ 4609'.

**Plug #2:** Perf'd @ 5786'. Sqz'd 30 sx class C cmt @ 5786-5586'. WOC & tagged @ 5444'.

TOC ~ 6,898'

**Plug #1:** Spotted 25 sx class H cmt @ 7063-6724'.

11/14/24 CIBP set @ 8145' w/ 32' cmt on top. Tagged TOC @ 8113'

Perfs @ 8,195' to 8,208'

4 1/2 11.6 CSG @ 8,410

TDPB @ 8,364'  
TD @ 8,410'







3:19



LTE

75



# WELLSITE

NAVIGATOR



## COG OPERATING LLC AVION FEDERAL #002

API: 3002533862  
Lat: 32.285616

County: LEA  
Long: -103.655023



Map



Search



Favorites



My Pins























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 409888

CONDITIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 409888
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/13/2024