



COG OPERATING LLC  
Avon Fed Com 701H, 702H, 703H & 704H  
Lea County, New Mexico

Case No. 24885  
BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING October 31, 2024



**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 24885**

**TABLE OF CONTENTS**

- **COG Exhibit A:** Compulsory Pooling Application Checklist
- **COG Exhibit B:** Application of COG Operating LLC for Compulsory Pooling
- **COG Exhibit C:** Self-Affirmed Statement of Michael Monju, Landman
  - COG Exhibit C-1: C-102s
  - COG Exhibit C-2: Land Tract Map
  - COG Exhibit C-3: Pooled Parties
  - COG Exhibit C-4: Chronology of Contacts
- **COG Exhibit D:** Self-Affirmed Statement of Ben Breyman, Geologist
  - COG Exhibit D-1: Locator map
  - COG Exhibit D-2: Subsea structure
  - COG Exhibit D-3: Cross-section map
  - COG Exhibit D-4: Stratigraphic cross-section
- **COG Exhibit E:** Self-Affirmed Notice Statement
- **COG Exhibit F:** Notice of Publication

# COMPULSORY POOLING APPLICATION CHECKLIST

**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case: 24885</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date</b>	<b>October 31, 2024</b>
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	COG Operating LLC (OGRID No. 229137)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, LEACOUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	N/a
Well Family	Avion
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/a
Pool Name and Pool Code (Only if NSP is requested):	Diamondtail; Wolfcamp [17645]
Well Location Setback Rules (Only if NSP is Requested):	Statewide oil rules
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	640 acres
Building Blocks:	40 acre
Orientation:	North-South / Standup
Description: TRS/County	E/2 of Sections 22 and 27, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes
Proximity Defining Well: if yes, description  BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A Submitted by: COG Operating LLC Hearing Date: October 31, 2024 Case No. 24885	Yes; the completed interval of the Avion Fed Com 702H is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC.
Applicant's Ownership in Each Tract	Exhibit C-3
<b>Well(s)</b>	

Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	<u>Avion Fed Com 701H well:</u> API: 30-025-PENDING SHL: 325' FNL, 1,365' FEL (Unit B), Section 22 BHL: 50' FSL, 330' FEL (Unit P), Section 27 Target: Wolfcamp Orientation: Standup Completion: Standard
Well #2	<u>Avion Fed Com 702H well:</u> API: 30-025-PENDING SHL: 265' FNL, 1,365' FEL (Unit B), Section 22 BHL: 50' FSL, 1,010' FEL (Unit P), Section 27 Target: Wolfcamp Orientation: Standup Completion: Standard / Proximity Well
Well #3	<u>Avion Fed Com 703H well:</u> API: 30-025-PENDING SHL: 235' FNL, 1,365' FEL (Unit B), Section 22 BHL: 50' FSL, 1,650' FEL (Unit O), Section 27 Target: Wolfcamp Orientation: Standup Completion: Standard
Well #4	<u>Avion Fed Com 704H well:</u> API: 30-025-PENDING SHL: 295' FNL, 1,365' FEL (Unit B), Section 22 BHL: 50' FSL, 2,310' FEL (Unit O), Section 27 Target: Wolfcamp Orientation: Standup Completion: Standard
Horizontal Well First and Last Take Points	Exhibit C-1
Completion Target (Formation, TVD and MD)	Exhibit D-4
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	N/a
Production Supervision/Month \$	N/a
Justification for Supervision Costs	N/a
Requested Risk Charge	N/a
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit B
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit C-2

Tract List (including lease numbers and owners)	Exhibit C-2
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/a
Pooled Parties (including ownership type)	Exhibit C-3
Unlocatable Parties to be Pooled	N/a
Ownership Depth Severance (including percentage above & below)	N/a
<b>Joinder</b>	
Sample Copy of Proposal Letter	N/a
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-3
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	N/a
Cost Estimate to Drill and Complete	N/a
Cost Estimate to Equip Well	N/a
Cost Estimate for Production Facilities	N/a
<b>Geology</b>	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit D-1
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D, D-4
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	N/a
<b>Forms, Figures and Tables</b>	
C-102	Exhibit C-1
Tracts	Exhibit C-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-3
General Location Map (including basin)	Exhibit D-1
Well Bore Location Map	Exhibit D-1
Structure Contour Map - Subsea Depth	Exhibit D-2
Cross Section Location Map (including wells)	Exhibit D-3
Cross Section (including Landing Zone)	Exhibit D-4
<b>Additional Information</b>	
Special Provisions/Stipulations	N/a
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
Printed Name (Attorney or Party Representative):	Paula M. Vance

**Signed Name** (Attorney or Party Representative):



**Date:**

**10/24/2024**

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 24885**

**APPLICATION**

COG Operating LLC (“COG” or “Applicant”) (OGRID No. 229137), through its undersigned attorneys, files this application with the Oil Conservation Division for an order pooling all uncommitted interests in the Wolfcamp formation underlying a standard 640-acre, more or less, horizontal well spacing unit comprised of the E2 of Sections 22 and 27, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. In support of this application, COG states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.

2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- **Avion Fed Com 701H** and **Avion Fed Com 702H** to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NE4NE4 (Unit A) of Section 22 and last take points in the SE4SE4 (Unit P) of Section 27; and
- **Avion Fed Com 703H** and **Avion Fed Com 704H** to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NW4NE4 (Unit B) of Section 22 and last take points in the SW4SE4 (Unit O) of Section 27.

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. B  
Submitted by: COG Operating LLC  
Hearing Date: October 31, 2024  
Case No. 24885**

3. The completed interval of the Avion Fed Com 702H well is expected to remain within 330 feet of the offsetting quarter-quarter section or equivalent tracts to allow inclusion of this acreage in a standard horizontal well spacing unit.

4. Applicant has reached a voluntary agreement with all the working interest owners in this proposed unit but seeks a pooling order for certain non-cost-bearing interest owners, including overriding royalty interest owners and record title owners, who have yet to execute the necessary federal communitization agreement.

5. The pooling of interests in the proposed unit will allow Applicant to obtain a just and fair share of the oil and gas underlying the subject lands, avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on October 31, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling the interests of certain non-cost bearing owners in the proposed horizontal well spacing unit; and
- B. Designating Applicant as the operator of this spacing unit and the horizontal wells to be drilled thereon.

Respectfully submitted,

HOLLAND & HART LLP

By:   
\_\_\_\_\_  
Michael H. Feldewert  
Adam G. Rankin  
Paula M. Vance  
Post Office Box 2208  
Santa Fe, New Mexico 87504-2208  
(505) 988-4421  
(505) 983-6043 Facsimile  
mfeldewert@hollandhart.com  
agrarkin@hollandhart.com  
pmvance@hollandhart.com

ATTORNEYS FOR COG OPERATING LLC

CASE \_\_\_\_\_: **Application of COG Operating LLC for Compulsory Pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order pooling certain non-cost bearing interest owners in the Wolfcamp formation underlying a standard 640-acre, more or less, horizontal well spacing unit comprised of the E2 of Sections 22 and 27, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- **Avion Fed Com 701H** and **Avion Fed Com 702H** to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NE4NE4 (Unit A) of Section 22 and last take points in the SE4SE4 (Unit P) of Section 27; and
- **Avion Fed Com 703H** and **Avion Fed Com 704H** to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NW4NE4 (Unit B) of Section 22 and last take points in the SW4SE4 (Unit O) of Section 27.

The completed interval of the Avion Fed Com702H well is expected to remain within 330 feet of the offsetting quarter-quarter section or equivalent tracts to allow inclusion of this acreage in a standard horizontal well spacing unit. Said area is located approximately 25 miles east of Loving, New Mexico.

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NO. 24885

SELF-AFFIRMED STATEMENT OF MICHAEL MONJU

1. My name is Michael Monju, and I am a Landman with COG Operating LLC (“COG”), now a wholly-owned subsidiary of ConocoPhillips Company.
2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum land matters. My credentials as a petroleum landman have been accepted by the Division and made a matter of record.
3. I am familiar with the application filed by COG in this case and the status of the lands in the subject area.
4. In **Case No. 24885**, COG seeks to pool the uncommitted interests in the Wolfcamp formation underlying a standard 640-acre, more or less, horizontal well spacing unit comprised of the E/2 of Sections 22 and 27, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico and dedicate the unit to the proposed **Avion Fed Com 701H** and **Avion Fed Com 702H**, both to be horizontally drilled from a surface location in the NE/4 of Section 22, with first take points in the NE/4 NE/4 (Unit A) of Section 22 and last take points in the SE/4 SE/4 (Unit P) of Section 27; and **Avion Fed Com 703H** and **Avion Fed Com 704H**, both to be horizontally drilled from a surface location in the NE/4 of Section 22, with first take points in the NW/4 NE/4 (Unit B) of Section 22 and last take points in the SW/4 SE/4 (Unit O) of Section 27.

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. C  
Submitted by: COG Operating LLC  
Hearing Date: October 31, 2024  
Case No. 24885

5. **COG Exhibit C-1** contains C-102s for the proposed. The wells are dedicated to the (DIAMONDTAIL; WOLFCAMP [17645]). This form demonstrates that the completed interval for the wells will comply with statewide setbacks for oil wells.

6. The completed interval of the **Avion Fed Com 702H** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC.

7. **COG Exhibit C-2** identifies the tracts of land comprising the proposed spacing unit and associated lease numbers, which consists of federal acreage.

8. **COG Exhibit C-3** shows the interest owners and the percentage of their interest by tract. A unit recapitulation, showing the percentage of ownership interests in the proposed spacing unit, is also included in the exhibit.

9. COG has reached a voluntary agreement with all working interest owners in this proposed unit and seeks to only pool certain non-cost-bearing interest owners, including overriding royalty interest owners and record title owners, who have yet to execute the necessary state communitization agreements. The parties that COG seeks to pool are highlighted in yellow in COG Exhibit C-3.

10. **COG Exhibit C-4** is a chronology of contacts, which reflects a summary of my efforts to locate and communicate with each of the parties that COG seeks to pool. In my opinion, COG has undertaken good-faith, diligent efforts to locate and reach an agreement with each interest owner.

11. Because the interest COG seeks to pool are non-cost bearing interests, COG is not requesting to assess a proportionate share of costs, risk charges, or overhead and administrative costs for drilling and producing the existing or proposed wells.

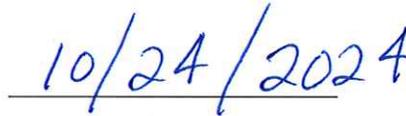
12. COG has provided the law firm of Holland & Hart LLP with the names and addresses of the parties COG seeks to pool. In providing names and addresses, COG has examined the county records, conducted computer searches and engaged in other good faith efforts to locate the most recent addresses for all of the parties that it seeks to pool.

13. **COG Exhibit C-1 through C-4** were either prepared by me or compiled under my direction and supervision, or contain company business records.

14. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.



Michael F. Monju



Date

DISTRICT I  
 1625 N. FRENCH DR., HOBBS, NM 88240  
 Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
 811 S. FIRST ST., ARTESIA, NM 88210  
 Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
 1000 RIO BRAZOS RD., AZTEC, NM 87410  
 Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
 Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
 1220 SOUTH ST. FRANCIS DR.  
 Santa Fe, New Mexico 87505

Form C-102  
 Revised August 1, 2011  
 Submit one copy to appropriate  
 District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code <b>17645</b>	Pool Name <b>Diamondtail; Wolfcamp</b>
Property Code	Property Name <b>AVION FEDERAL COM</b>	Well Number 701H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3700.7'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	23-S	32-E		325	NORTH	1365	EAST	LEA

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
P	27	23-S	32-E		50	SOUTH	330	EAST	LEA

Dedicated Acres	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

NAD 27 NME  
SURFACE LOCATION  
 Y=472199.9 N  
 X=708707.3 E  
 LAT.=32.296387° N  
 LONG.=103.657897° W

POINT LEGEND	
1	Y=472537.3 N X=710070.1 E
2	Y=469897.0 N X=710087.8 E
3	Y=467256.5 N X=710105.5 E
4	Y=464616.0 N X=710122.3 E
5	Y=461974.9 N X=710138.9 E
6	Y=461949.6 N X=707496.4 E
7	Y=467230.3 N X=707462.6 E
8	Y=472513.4 N X=707428.4 E

NAD 27 NME  
PROPOSED BOTTOM HOLE LOCATION  
 Y=462021.8 N  
 X=709808.6 E  
 LAT.=32.268391° N  
 LONG.=103.654542° W

**OPERATOR CERTIFICATION**

*I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**SURVEYOR CERTIFICATION**

*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.*

OCTOBER 19, 2022

Date of Survey \_\_\_\_\_

Signature & Seal of Professional Surveyor



Chad Harcrow 10/25/22

Certificate No. CHAD HARCROW 17777  
 W.O. #22-894 DRAWN BY: AH

Diagram showing well location and acreage dedication plat. The plat is divided into sections 22 and 27. The surface location is marked with a well symbol and a 1365' distance from the north line. The bottom hole location is marked with a well symbol and a 50' distance from the south line. The diagram also shows the 100' FNL & 330' FEL and 100' FSL & 330' FEL boundaries. The grid azimuth is 179°37'37" and the horizontal distance is 10412.8'.

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
511 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code <b>17645</b>	Pool Name <b>Diamondtail; Wolfcamp</b>
Property Code	Property Name <b>AVION FEDERAL COM</b>		Well Number 702H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>		Elevation 3701.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	23-S	32-E		265	NORTH	1365	EAST	LEA

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
P	27	23-S	32-E		50	SOUTH	1010	EAST	LEA

Dedicated Acres	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

NAD 27 NME  
SURFACE LOCATION  
Y=472260.0 N  
X=708707.0 E  
LAT.=32.296552° N  
LONG.=103.657897° W

POINT LEGEND	
1	Y=472537.3 N X=710070.1 E
2	Y=469897.0 N X=710087.8 E
3	Y=467256.5 N X=710105.5 E
4	Y=464616.0 N X=710122.3 E
5	Y=461974.9 N X=710138.9 E
6	Y=461949.6 N X=707496.4 E
7	Y=467230.3 N X=707462.6 E
8	Y=472513.4 N X=707428.4 E

NAD 27 NME  
PROPOSED BOTTOM  
HOLE LOCATION  
Y=462015.3 N  
X=709128.3 E  
LAT.=32.268384° N  
LONG.=103.656742° W

**OPERATOR CERTIFICATION**

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**SURVEYOR CERTIFICATION**

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.

OCTOBER 19, 2022

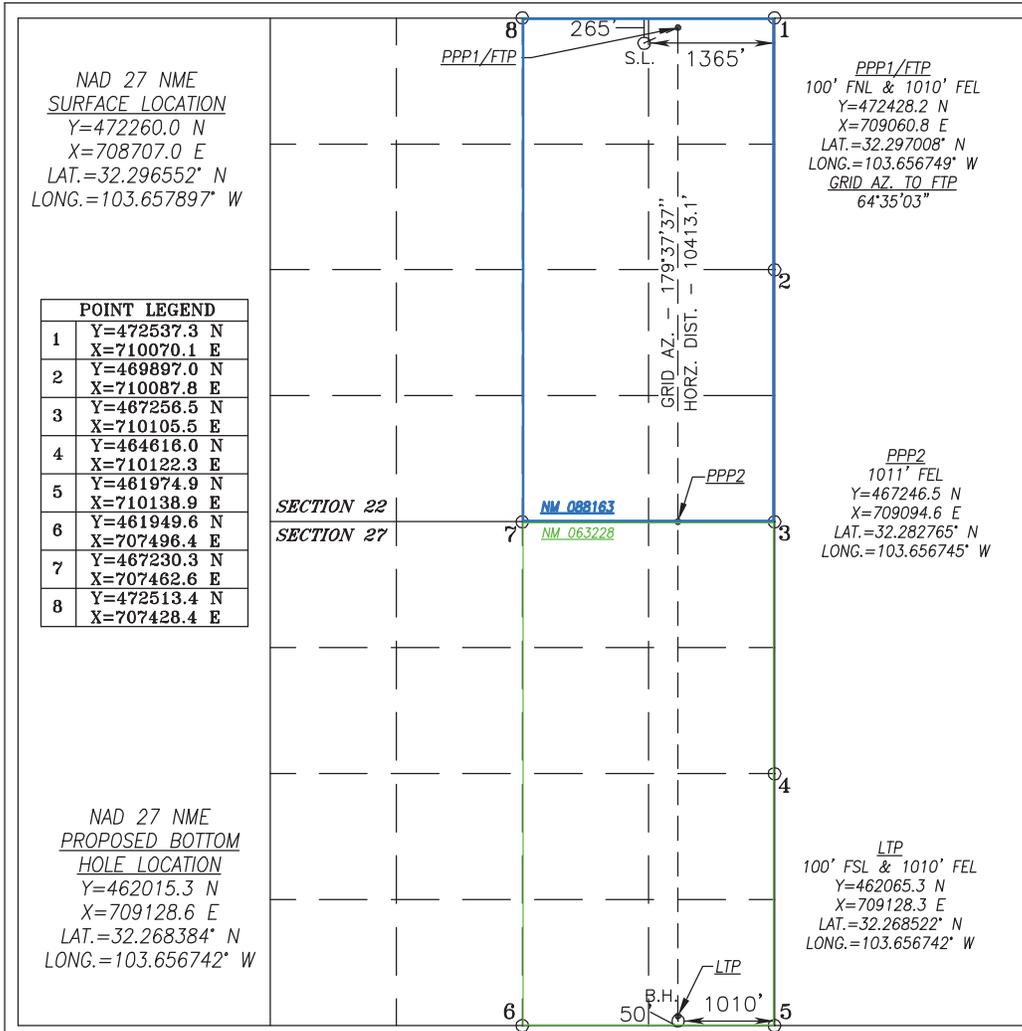
Date of Survey \_\_\_\_\_

Signature & Seal of Professional Surveyor



Chad L. Harcrow 3/20/23

Certificate No. CHAD HARCROW 17777  
W.O. #23-171 DRAWN BY: WN



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State of New Mexico  
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1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code <b>17645</b>	Pool Name <b>Diamondtail; Wolfcamp</b>
Property Code	Property Name <b>AVION FEDERAL COM</b>	Well Number <b>703H</b>
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation <b>3702.0'</b>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	23-S	32-E		235	NORTH	1365	EAST	LEA

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
O	27	23-S	32-E		50	SOUTH	1650	EAST	LEA

Dedicated Acres	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

**POINT LEGEND**

1	Y=472537.3 N X=710070.1 E
2	Y=469897.0 N X=710087.8 E
3	Y=467256.5 N X=710105.5 E
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6	Y=461949.6 N X=707496.4 E
7	Y=467230.3 N X=707462.6 E
8	Y=472513.4 N X=707428.4 E

NAD 27 NME  
PROPOSED BOTTOM  
HOLE LOCATION  
Y=462009.1 N  
X=708488.7 E  
LAT.=32.268379° N  
LONG.=103.658812° W

**OPERATOR CERTIFICATION**

*I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

**SURVEYOR CERTIFICATION**

*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.*

OCTOBER 19, 2022

Date of Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 10/25/22

Certificate No. CHAD HARCROW 17777  
W.O. #22-891 DRAWN BY: WN

**FIG**  
100' FNL & 1650' FEL  
Y=472422.4 N  
X=708420.9 E  
LAT.=32.297004° N  
LONG.=103.658820° W  
GRID AZ. TO FIG  
294°51'21"

**NAD 27 NME SURFACE LOCATION**  
Y=472290.0 N  
X=708706.8 E  
LAT.=32.296635° N  
LONG.=103.657897° W

**LEASE X-ING**  
LAT.=32.282758° N  
LONG.=103.658816° W

**LTP**  
100' FSL & 1650' FEL  
Y=462059.1 N  
X=708488.3 E  
LAT.=32.268516° N  
LONG.=103.658812° W

GRID AZ. - 179°37'37"  
HORZ. DIST. - 10413.5'

SECTION 22  
SECTION 27

B.H. 50' 1650'

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II  
811 S. FIRST ST., ARTESIA, NM 88210  
Phone: (575) 746-1283 Fax: (575) 746-9720

DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV  
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code <b>17645</b>	Pool Name <b>Diamondtail; Wolfcamp</b>
Property Code	Property Name <b>AVION FEDERAL COM</b>	Well Number 704H
OGRID No.	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3701.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	22	23-S	32-E		295	NORTH	1365	EAST	LEA

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
O	27	23-S	32-E		50	SOUTH	2310	EAST	LEA

Dedicated Acres	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

FTP  
100' FNL & 2310' FEL  
Y=472416.4 N  
X=707760.9 E  
LAT.=32.296999° N  
LONG.=103.660956° W  
GRID AZ. TO FTP  
281°08'53"

POINT LEGEND	
1	Y=472537.3 N X=710070.1 E
2	Y=469897.0 N X=710087.8 E
3	Y=467256.5 N X=710105.5 E
4	Y=464616.0 N X=710122.3 E
5	Y=461974.9 N X=710138.9 E
6	Y=461949.6 N X=707496.4 E
7	Y=467230.3 N X=707462.6 E
8	Y=472513.4 N X=707428.4 E

SECTION 22  
SECTION 27

NAD 27 NME  
PROPOSED BOTTOM  
HOLE LOCATION  
Y=462002.8 N  
X=707828.7 E  
LAT.=32.268373° N  
LONG.=103.660948° W

OPERATOR CERTIFICATION  
*I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.*

Signature \_\_\_\_\_ Date \_\_\_\_\_

Printed Name \_\_\_\_\_

E-mail Address \_\_\_\_\_

SURVEYOR CERTIFICATION  
*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.*

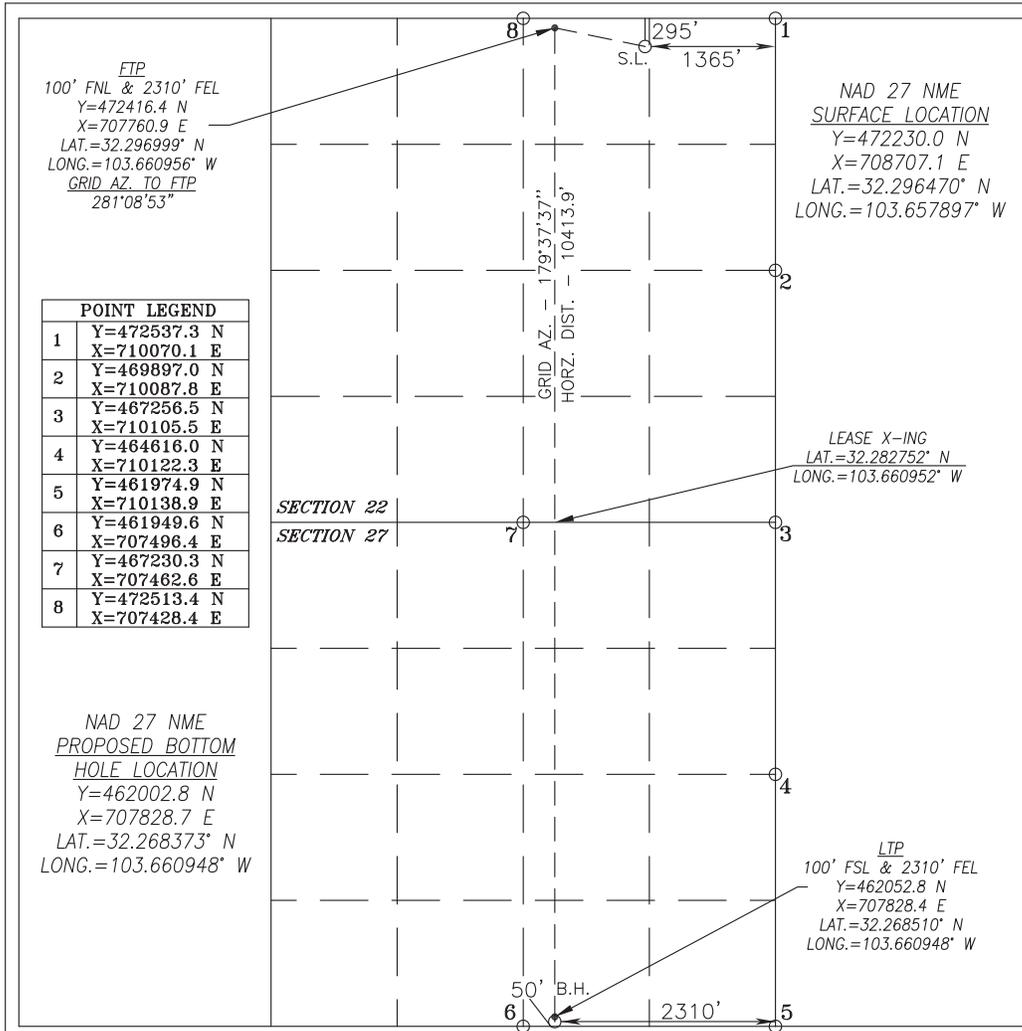
OCTOBER 19, 2022  
Date of Survey

Signature & Seal of Professional Surveyor



*Chad Harcrow* 10/25/22

Certificate No. CHAD HARCROW 17777  
W.O. #22-893 DRAWN BY: WN



NAD 27 NME  
SURFACE LOCATION  
Y=472230.0 N  
X=708707.1 E  
LAT.=32.296470° N  
LONG.=103.657897° W

LEASE X-ING  
LAT.=32.282752° N  
LONG.=103.660952° W

LTP  
100' FSL & 2310' FEL  
Y=462052.8 N  
X=707828.4 E  
LAT.=32.268510° N  
LONG.=103.660948° W

**AVION FEDERAL COM**

Township 23 South, Range 32 East, N.M.P.M.

Section 22: E2

Section 27: E2

Lea County, New Mexico

**Tract 1:**

Sec 22: E2

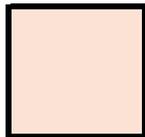
NMNM 88163



**Tract 2:**

Sec 27: E2

NMLOC 063228



#701H - 704H

Wolfcamp A

640.00 acres



		40	40
		40	40
		40	40
<b>Sec. 22</b>		40	40
		40	40
		40	40
		40	40
<b>Sec. 27</b>		40	40

640.00

BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. C-2  
 Submitted by: COG Operating LLC  
 Hearing Date: October 31, 2024  
 Case No. 24885

**AVION FEDERAL COM**

Township 23 South, Range 32 East, N.M.P.M.  
 Section 22: E2  
 Section 27: E2  
 Lea County, New Mexico

**Tract 1:**

Sec 22: E2  
 NMNM 88163

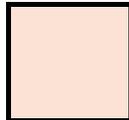


**Lessee: COP Operating LLC - 100%**  
**Op Rights: COG Operating LLC - 71.15%**  
 Burlington Resources - 28.85%

**ORRI: 9.00%**

**Tract 2:**

Sec 27: E2  
 NMLOC 063228



**Lessee: ConocoPhillips Co. - 100%**  
**Op Rights: ConocoPhillips Co. - 100%**

**ORRI: 0.3%**

RECAPITULATION	
BROG:	14.43%
CONOCOPHILLIPS:	50.00%
COG OPERATING LLC:	35.57%
<b>TOTAL:</b>	<b>100.00%</b>

		40	40
		40	40
		40	40
<b>Sec. 22</b>		40	40
		40	40
		40	40
<b>Sec. 27</b>		40	40

640.00

Alan Jochimsen
Arrott Family Revocable Trust Dated 04/08/19
Barbara E. Hannifin
Bryan Bell Family LLC
Cathleen Ann Adams Revocable Trust Dated Sept. 25,2020
<b>Flavian Oil Company</b>
Howard A. Rubin, Inc.
Innoventions, Inc.
John Kyle Thoma
Karemont Properties, LLC
L and J Sumruld Ltd.
Leonard Legacy Royalty, LLC
LML Properties, LLC A Colorado Limited Liability Company
Maven Royalty 2, LP
Mitchell Exploration
<b>Rubie C. Bell Family Limited Partnership #1</b>
Sheila Ann Davis
Sheila Davis - Life Estate Darron Keith Davis Remainderman
Sheila Davis - Life Estate Darron Keith Davis Remainderman
Sheila Davis - Life Estate Gregory Wade Davis Remainderman
The Gross Family L. P.
<b>Robert N Enfield Irrevocable Trust B, Wells Fargo NA Successor Trustee</b>
Nuevo Seis LP
BOKF, Successor Trustee of the Robert N. Enfield Irrevocable Trust B
Rubie C. Bell Family Limited Partnership #1
Community Minerals LLC
Flavian Oil Company

**All parties listed are being pooled.**

Owner Name	Owner Name W/O comma, period, forward slash	CROSS REF W/AVION 301 vlookup	Address1	City	State	Zip	Tracking #	Sent Date	Delivery Date	Election/ Executed/	Comments
<b>WELL PROPOSALS, AFE, &amp; OA:</b>	<b>WELL PROPOSALS AFE &amp; OA:</b>										
COG Operating LLC	COG Operating LLC		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ConocoPhillips Co	ConocoPhillips Co		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Burlington Resources Oil and Gas Company, LP	Burlington Resources Oil and Gas Company LP		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>FED/STATE CA:</b>	<b>FED/STATE CA:</b>										
COG Operating LLC	COG Operating LLC		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ConocoPhillips Co	ConocoPhillips Co		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Burlington Resources Oil and Gas Company, LP	Burlington Resources Oil and Gas Company LP		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Bureau of Land Management	Bureau of Land Management		301 Dinosaur Trail	Santa Fe	NM	87508					
<b>CA RATIFICATIONS</b>	<b>CA RATIFICATIONS</b>										
Adley Properties, LLC	Adley Properties LLC	ADLEY PROPERTIES LLC	P.O. Box 3327	Midland	TX	79702	940281490246982240541	09/10/24	09/17/24	EXECUTED	09/25 Typo on runsheet/ratification, updated our records & resent to Anahi w/OGX
Alan Jochimsen	Alan Jochimsen	ALAN JOCHIMSEN	4209 Cardinal Lane	Midland	TX	79708	940281490246982240565	09/10/24	09/13/24		Monty McLane inquired on behalf of Alan & Karemont to Michael & DO-Paige Lemmons
Arrott Family Revocable Trust Dated 04/08/19	Arrott Family Revocable Trust Dated 04/08/19	#N/A	P.O. Box 95074	Little Rock	AR	72190	9402814902469822241036	09/10/24	n/a	UNDELIVERABLE	
Arrott Family Revocable Trust Dated 04/08/19	Arrott Family Revocable Trust Dated 04/08/19	#N/A	PO Box 241868	Little Rock	AR	72223	9402814902469822242286	10/03/24	10/12/24		resent new address
Barbara E. Hannifin	Barbara E Hannifin	#N/A	P.O. Box 2588	Roswell	NM	88202	9402814902469822240596	09/10/24	09/17/24	TRANSFERRED	SEE NUEVO
BEIF 2 LMR, LLC	BEIF 2 LMR LLC		10288 W. Chatfield Ave., Suite	Littleton	CO	80127	9402814902469822240596	09/10/24	09/13/24	EXECUTED	
Bryan Bell Family LLC	BRYAN BELL FAMILY LLC		1331 Third Street	New Orleans	LA	70130	9402814902469822240602	09/10/24	09/16/24		
CAPROCK ROYALTIES, LP	CAPROCK ROYALTIES LP		P.O. Box 1610	Midland	TX	79702	9402814902469822240619	09/10/24	09/17/24	EXECUTED	Add'l add: PO BOX 50576 AUSTIN, TX 78763
Cathleen Ann Adams Revocable Trust Dated Sept. 25, 2020	Cathleen Ann Adams Revocable Trust	CATHEEN ANN ADAMS REVOCABLE TR	P. O. Box 45807	Rio Rancho	NM	87174	9402814902469822240626	09/10/24	09/16/24		
Flavian Oil Company	Flavian Oil Company	FLAVIAN OIL COMPANY	4849 Greenvile Ave., #1680	Dallas	TX	75206	9402814902469822240657	09/10/24	n/a	UNDELIVERABLE	RETURN TO SENDER, NOT DELIVERABLE AS ADDRESSED
Flavian Oil Company	Flavian Oil Company	FLAVIAN OIL COMPANY	8350 N Central Expy, Ste G10	Dallas	TX	75206	9402814902469822243313	10/08/24	10/12/24	EXECUTED	only rcv'd bs, resending WC
Frank S. Morgan And Robin L. Morgan, Husband And Wife	Frank Morgan & Robin Morgan	FRANK MORGAN & ROBIN MORGAN	135 West Cottonwood Rd.	Artesia	NM	88210	9402814902469822240664	09/10/24	09/12/24	EXECUTED	
Howard A. Rubin, Inc.	HOWARD A RUBIN INC		623 Camino Rancheros	Santa Fe	NM	87505	9402814902469822240671	09/10/24	09/12/24	EXECUTED	Receipt of BS, resending WC
Howard A. Rubin, Inc.	HOWARD A RUBIN INC		623 Camino Rancheros	Santa Fe	NM	87505	9402814902469822244440	10/10/24	10/15/24		Receipt of BS, resending WC
Hutchings Oil Company	HUTCHINGS OIL COMPANY		40 First Plaza Center NW, Ste	Albuquerque	NM	87102	9402814902469822240688	09/10/24	09/12/24	EXECUTED	
Innoventions, Inc.	INNOVENTIONS INC	INNOVENTIONS INC	100 North Pennsylvania	Roswell	NM	88201	9402814902469822240695	09/10/24	n/a	UNDELIVERABLE	
Innoventions, Inc.	Innoventions Inc	INNOVENTIONS INC	PO Box 40	Cedar Crest	NM	87008	9402814902469822242309	10/03/24		Package available for pickup	resent new address, Secretary reached out, advised that the president is out of the country will execute rat when he returns in a few weeks.
Jack's Peak, LLC	Jack's Peak LLC	#N/A	P.O. Box 294928	Kerrville	TX	78029	9402814902469822240701	09/10/24	09/16/24	EXECUTED	
John Kyle Thoma	John Kyle Thoma	John Kyle Thoma	P.O. Box 558	Peyton	CO	80831	9402814902469822240718	09/10/24	09/13/24		
Karemont Properties, LLC	Karemont Properties LLC	#N/A	P.O. Box 9451	Midland	TX	79708	9402814902469822240725	09/10/24	09/11/24		Monty McLane inquired on behalf of Alan & Karemont to Michael & DO-Paige Lemmons
L & J Sumruld Ltd.	L & J SUMRULD LTD	L & J SUMRULD LTD	P.O. Box 4551	Ruidoso	NM	88305	9402814902469822240732	09/10/24	n/a	UNDELIVERABLE	
L and J Sumruld Ltd.	L & J SUMRULD LTD	L & J SUMRULD LTD	903 Ave J	Lovington	NM	88260	9402814902469822242316	10/03/24		Additional actions required	resent new address
Leonard Legacy Royalty, LLC	Leonard Legacy Royalty LLC	LEONARD LEGACY ROYALTY LLC	P.O. Box 3422	Midland	TX	79702	9402814902469822240749	09/10/24	09/17/24	EXECUTED	Receipt of BS, resending WC
Leonard Legacy Royalty, LLC	Leonard Legacy Royalty LLC	LEONARD LEGACY ROYALTY LLC	P.O. Box 3422	Midland	TX	79702	9402814902469822244457	10/10/24			Receipt of BS, resending WC
LML Properties, LLC A Colorado Limited Liability Company	LML Properties LLC	LML PROPERTIES LLC	P.O. Box 3194	Boulder	CO	80307	9402814902469822240756	09/10/24	09/17/24		
Mark B. Murphy, Trustee Of The Mark B. Murphy Irrevocable Trust U/T/A Dated 12/11/12	MARK B MURPHY IRREVOC TRST 12 11 12	MARK B MURPHY IRREVOC TRST 12 11	P.O. Box 2164	Roswell	NM	88202	9402814902469822240763	09/10/24	09/12/24	EXECUTED	
Maven Royalty 2, LP	Maven Royalty 2 LP	#N/A	620 Texas St., Ste 300	Shreveport	LA	71101	9402814902469822240770	09/10/24	n/a	UNDELIVERABLE	RETURN TO SENDER, VAGAN UNABLE TO FORWARD
Maven Royalty 2, LP	Maven Royalty 2 LP		1065 Provenance Place Blvd.	Shreveport	LA	71106	9402814902469822243320	10/08/24			resent new address
Mitchell Exploration	MITCHELL EXPLORATION INC	MITCHELL EXPLORATION INC	6212 Homestead Blvd.	Midland	TX	79707	9402814902469822240787	09/10/24	09/16/24		
Murphy Petroleum Corp.	Murphy Petroleum Corp	MURPHY PETROLEUM CORP	P.O. Box 1030	Roswell	NM	88202	9402814902469822240794	09/10/24	09/12/24	EXECUTED	
Permian Basin Investment Corp.	Permian Basin Investment Corp	PERMIAN BASIN INVESTMENT CORP	200 West First St., Ste 640	Roswell	NM	88201	9402814902469822240800	09/10/24	n/a	UNDELIVERABLE	
Permian Basin Investment Corp.	Permian Basin Investment Corp	PERMIAN BASIN INVESTMENT CORP	4010 Chainhurst Dr	Richardson	TX	75082	9402814902469822242323	10/03/24	10/15/24	EXECUTED	resent new address
Randell F. Montgomery	RANDALL FIELDS MONTGOMERY	RANDALL FIELDS MONTGOMERY	62 April Wind South Drive	Montgomery	TX	77356	9402814902469822240824	09/10/24	n/a	UNDELIVERABLE	**unable to locate owner, owner is in suspense as pending title; deceased, do required
Rubie C. Bell Family Limited Partnership #1	Rubie C. Bell Family Limited Partnership #1	#N/A	P.O. Box 24591	New Orleans	LA	70184	9402814902469822240831	09/10/24	09/18/24	TRANSFERRED	
Russell B. Buchanan	RUSSELL B BUCHANAN		P.O. Box 2454	Midland	TX	79702	9402814902469822240846	09/10/24	n/a	UNDELIVERABLE	
Sheila Ann Davis	Sheila Ann Davis	Sheila Ann Davis	10119 Fairtree Dr.	Strongsville	OH	44149	9402814902469822244426	10/10/24			sent to son's add
Sheila Davis - Life Estate Darron Keith Davis Remainderman	Sheila Ann Davis LIFE ESTATE	#N/A	10119 Fairtree Dr.	Strongsville	OH	44149	9402814902469822240862	09/10/24	09/27/24		Greg emailed advised he is in receipt of CA rat, but not brother Darron
Sheila Davis - Life Estate Darron Keith Davis Remainderman	Sheila Davis - Life Estate Darron Keith Davis Rem	#N/A	10119 Fairtree Dr.	Strongsville	OH	44149	9402814902469822244419	10/10/24			resent, owner states they did not receive.
Sheila Davis - Life Estate Gregory Wade Davis Remainderman	Sheila Ann Davis LIFE ESTATE	#N/A	13634 Schumann Trail	Sugar Land	TX	77498	9402814902469822240879	09/10/24	09/20/24		Greg emailed advised he is in receipt of CA rat, but not brother Darron
States Royalty Limited Partnership	States Royalty Limited Partnership	STATES ROYALTY LIMITED PARTNERSH	P.O. Box 911	Breckenridge	TX	76424	9402814902469822240886	09/10/24	09/16/24	EXECUTED	
Susan S. Murphy, Trustee Of The Ssm Trust	SUSAN S MURPHY MARITAL TRUST	SUSAN S MURPHY MARITAL TRUST	706 Brazos Street	Roswell	NM	88202	9402814902469822240893	09/10/24	09/12/24	EXECUTED	
The Gross Family L. P.	The Gross Family LP	#N/A	P.O. Box 358	Roswell	NM	88203	9402814902469822240909	09/10/24	09/16/24	TRANSFERRED	In receipt of letter from Dorothy Martin transferred after dad's passing to One Energy, contact: Anna Wise, Community Minerals LLC, 2925 Richmond Ave., Ste 1200, Houston, TX 77098.
University of the Southwest Foundation	COLLEGE OF THE SOUTHWEST FOUNDATION	COLLEGE OF THE SOUTHWEST FOUND	6610 North Lovington Highway	Hobbs	NM	88240	9402814902469822240916	09/10/24	09/12/24	EXECUTED	
Robert N Enfield Irrevocable Trust B, Welts Fargo NA Successor Tr	Robert N Enfield Irrevocable Trust B, Welts Fargo	#N/A	201 Main Street	Fort Worth	TX	76102	9402814902469822240923	09/10/24	09/13/24	TRANSFERRED	xfrd from WF to BOKF
West Bend Energy Partners III, LLC	West Bend Energy Partners III LLC	WEST BEND ENERGY PARTNERS III LLC	1320 S. University Dr., Ste 701	Fort Worth	TX	76107	9402814902469822240930	09/10/24	09/13/24	EXECUTED	
Wing Resources VI, LLC	Wing Resources VI LLC	WING RESOURCES VI LLC	2100 McKinney Ave., Ste 1540	Dallas	TX	75201	9402814902469822240947	09/10/24	09/13/24	EXECUTED	
Nuevo Seis LP	Nuevo Seis LP	NUEVO SEIS LP	P.O. Box 2588	Roswell	NM	88202-2588	EMAIL				resent transferred - 09/25 interest xfrd from Barbara Hannifin, revised CA Rat emailed to Patti (bookkeeper/office mgr)

OKF, Successor Trustee of the Robert N. Enfield Irrevocable Trust	Robert N Enfield Irrevocable Trust B BOKF NA TR	Robert N Enfield Irrevocable Trust B BO	PO Box 1588	Tulsa	OK	74101	9402814902469822244549	10/15/24			resent transferred - 10/10 advbised was xfrd from WF to BOKF
Rubie C. Bell Family Limited Partnership #1	Rubie Crosby Bell Family LLC	RUBIE CROSBY BELL FAMILY LLC	PO Box 24591	New Orleans	LA	70184	9402814902469822244556	10/15/24			resent transferred -
Community Minerals LLC	Community Minerals LLC	COMMUNITY MINERALS LLC	2925 Richmond Ave, Ste 1200	Houston	TX	77098	9402814902469822244563	10/15/24			
Flavian Oil Company	Flavian Oil Company	FLAVIAN OIL COMPANY	8350 N Central Expy, Ste G10	Dallas	TX	75206	9402814902469822243313	10/08/24	10/12/24		only rcv'd bs, resending WC

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

APPLICATION OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

CASE NO. 24885

SELF-AFFIRMED STATEMENT OF NAME

1. My name is Ben Breyman, and I am a Geologist with COG Operating LLC (“COG”), now a wholly-owned subsidiary of ConocoPhillips Company.

2. I have previously testified before the New Mexico Oil Conservation Division as an expert witness in petroleum geology. My credentials as a petroleum geologist have been accepted by the Division and made a matter of record.

3. I am familiar with the application filed by COG in this case and have conducted a geologic study of lands in the subject area.

4. **COG Exhibit D-1** is a locator map depicting COG’s acreage in yellow for the Wolfcamp formation within the proposed spacing unit. Existing producing Wolfcamp formation wells in the Wolfcamp interval, which is the interval targeted by COG’s proposed wells, are represented by solid lines in the color indicated by the Map Legend. The approximate wellbore path for COG’s proposed wells is within the Wolfcamp interval and depicted with dashed lines.

5. **COG Exhibit D-2** is a subsea structure map that I prepared on top of the Wolfcamp formation, with contour intervals of 50 feet. The data points are indicated by the crosses. The approximate wellbore paths for the proposed wells are again depicted with dashed lines. This map shows that the formation is gently dipping down to the east direction in this area. I do not observe

any faulting, pinchouts, or other geologic impediments to developing the targeted interval with horizontal wells in this area.

6. **COG Exhibit D-3** overlays a cross-section line consisting of two wells penetrating the Wolfcamp formation that I used to construct a stratigraphic cross section from A to A'. I consider these well logs to be representative of the geology in the area.

7. **COG Exhibit D-4** is a stratigraphic cross-section using the representative wells depicted in COG Exhibit D-3. Each well in the cross-section contains gamma ray, resistivity, and porosity logs. The target interval within the Wolfcamp is labeled on the exhibit. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

8. My geologic study indicates the Wolfcamp formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed horizontal spacing unit will be productive and contribute proportionately to the production from the wells.

9. In my opinion, the standup orientation of the proposed wells is consistent with existing development in this area and appropriate due to the geologic stress.

10. In my opinion, approval of this application is in the best interest of conservation, the prevention of waste, and protection of correlative rights.

11. **COG Exhibits D-1 through D-4** were either prepared by me or compiled under my direction and supervision.

12. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

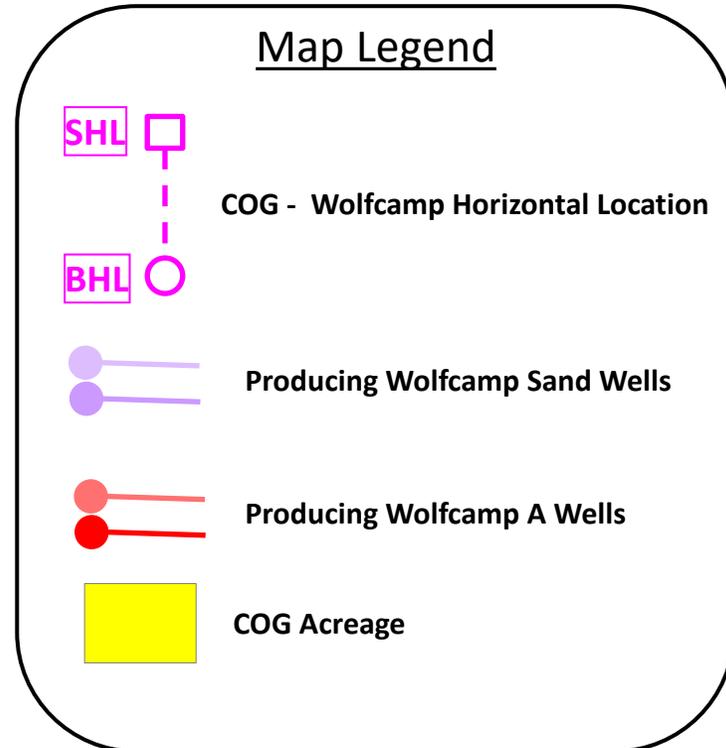
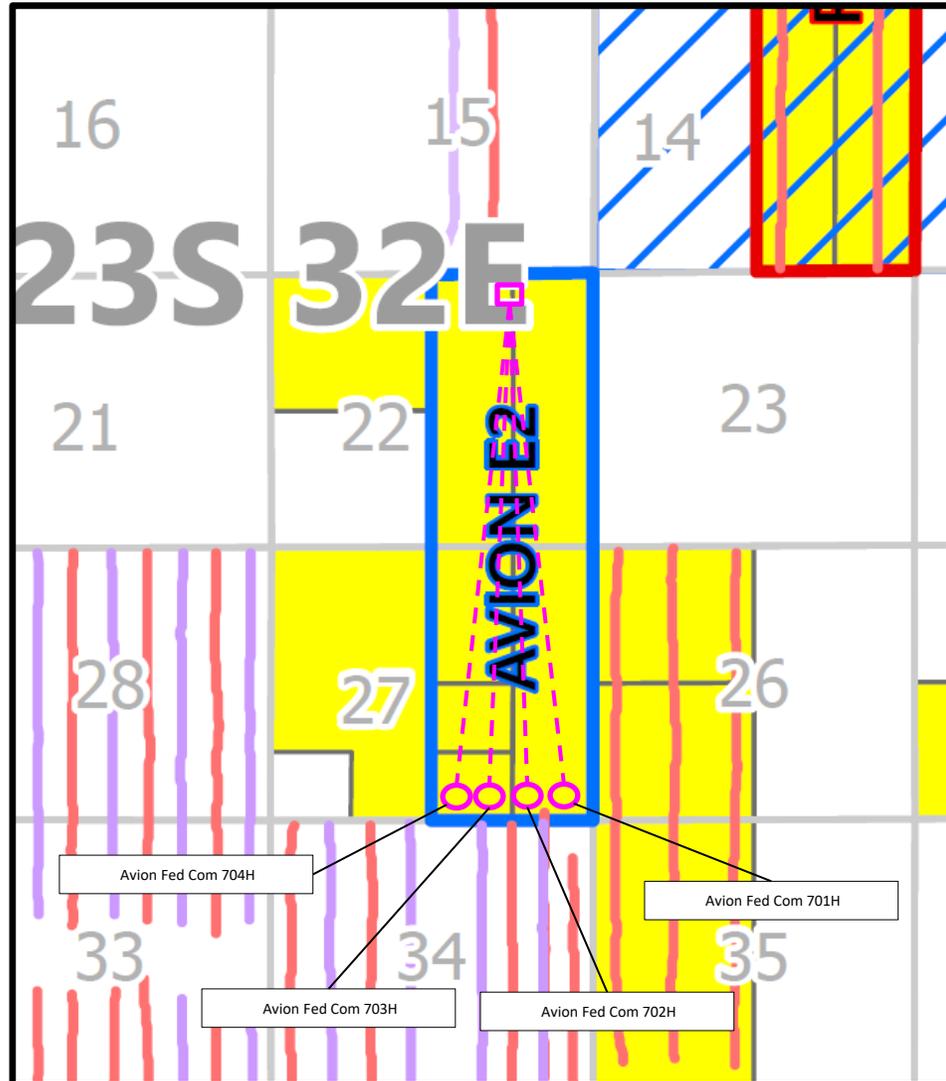
Ben Boyman

10/24/24

NAME

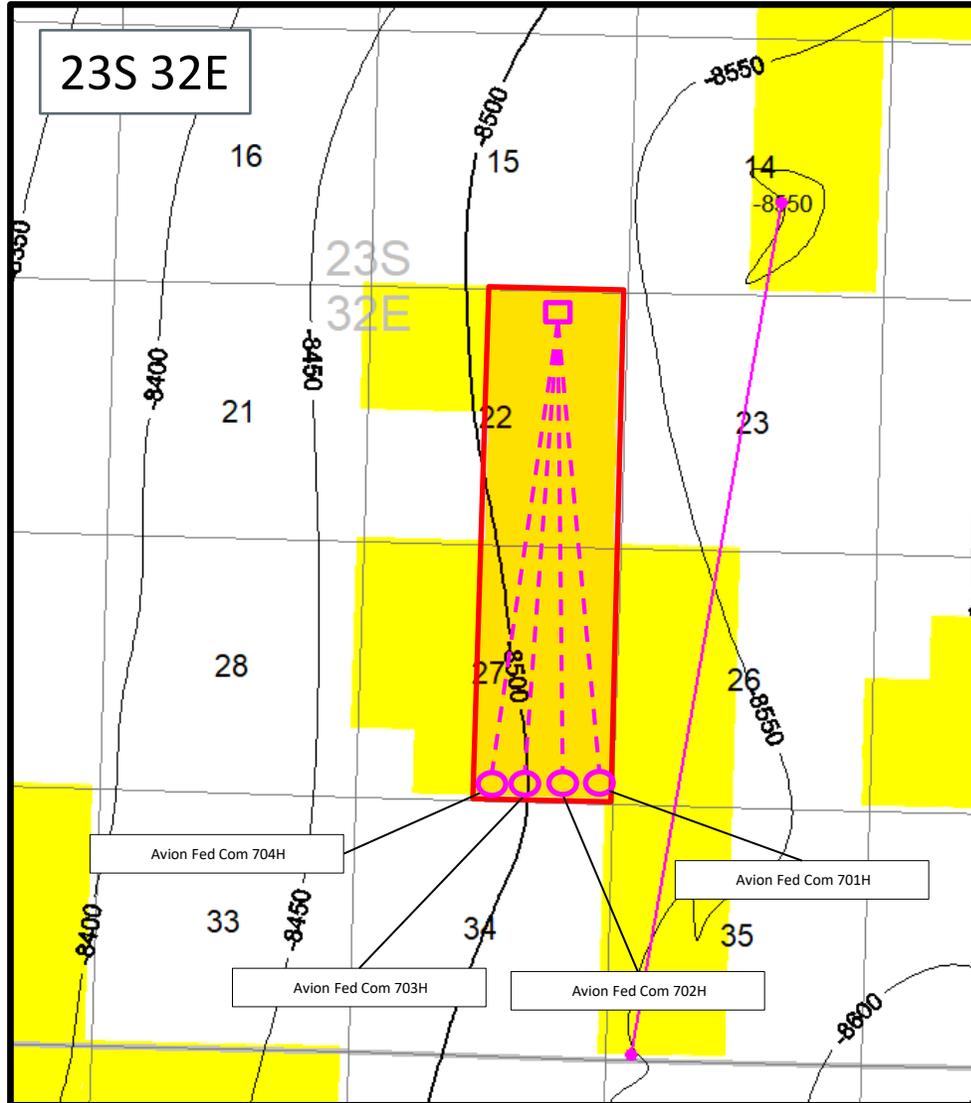
Date

# Case No. 24885: Avion Fed Com (WC) 701H, 702H, 703H & 704H



BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-1  
 Submitted by: COG Operating LLC  
 Hearing Date: October 31, 2024  
 Case No. 24885

# Wolfcamp Subsea Structure Map

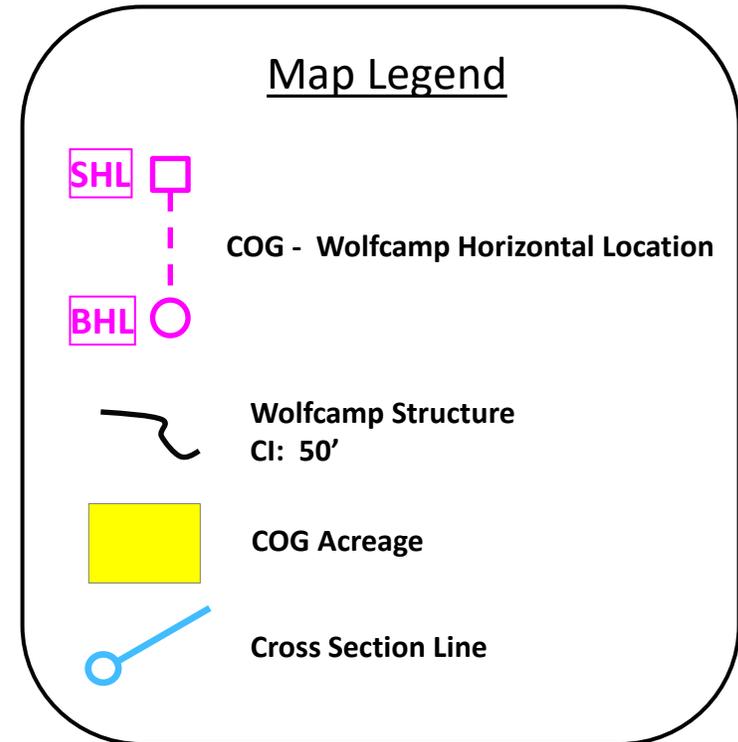
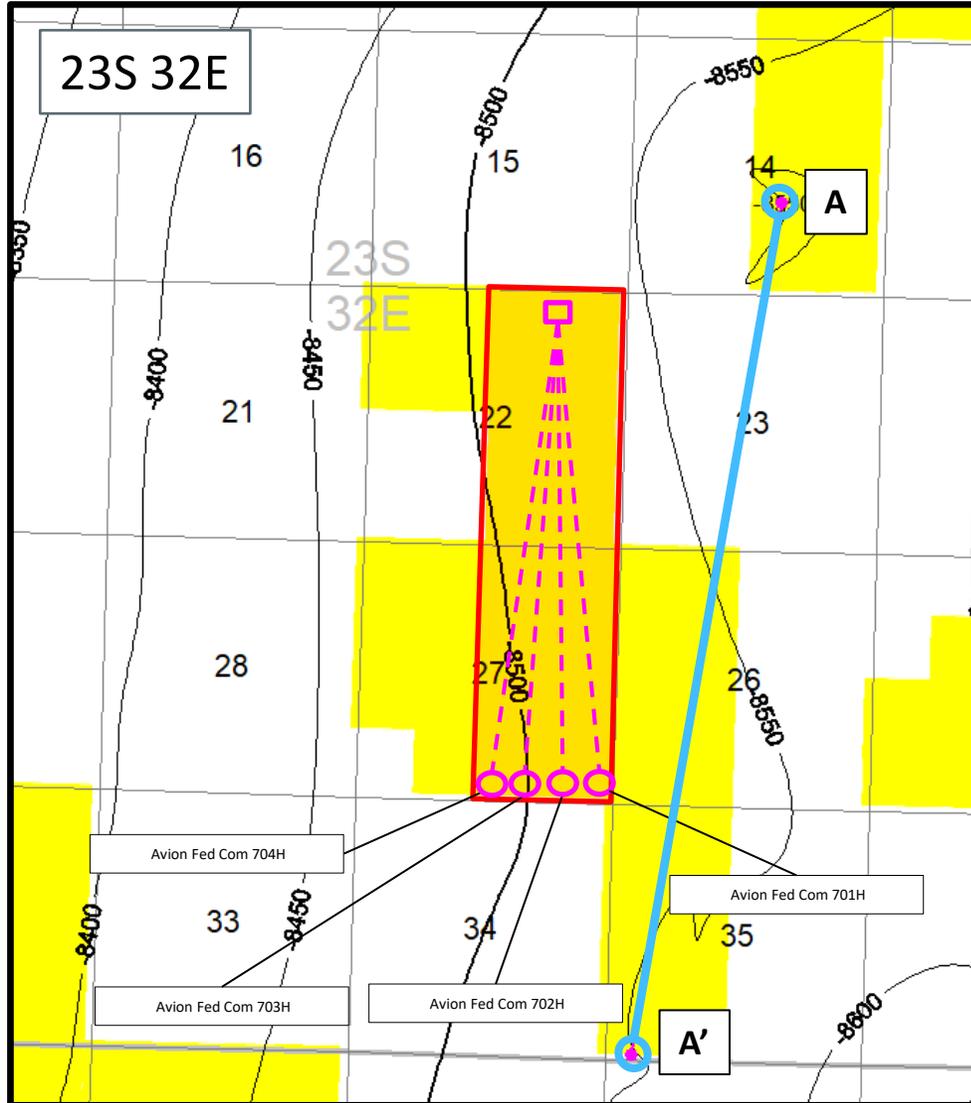


### Map Legend

-   COG - Wolfcamp Horizontal Location
-   COG - Wolfcamp Horizontal Location
-  Wolfcamp Structure  
CI: 50'
-  COG Acreage

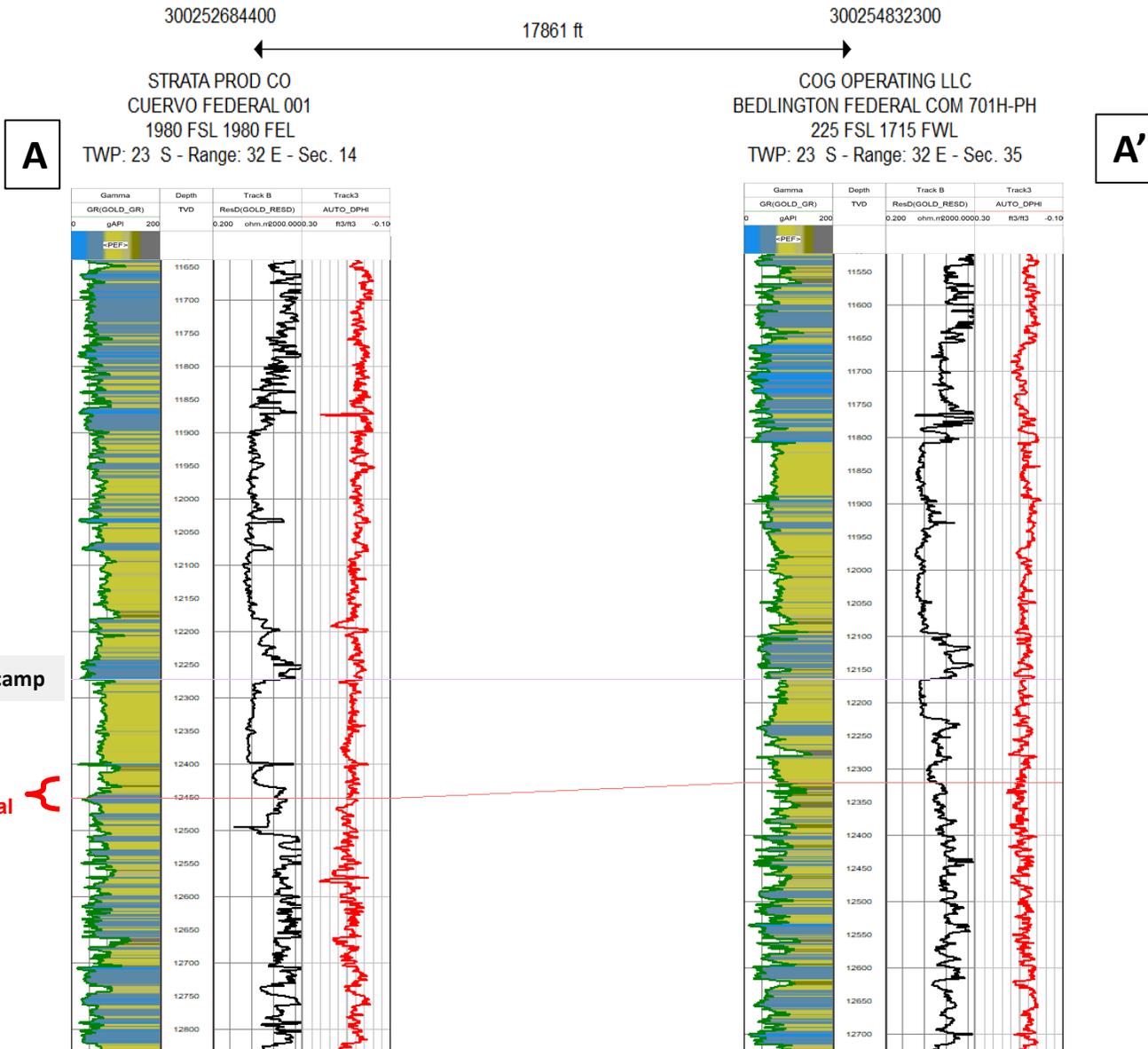
BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-2  
 Submitted by: COG Operating LLC  
 Hearing Date: October 31, 2024  
 Case No. 24885

# Wolfcamp Subsea Structure Map



BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-3  
 Submitted by: COG Operating LLC  
 Hearing Date: October 31, 2024  
 Case No. 24885

# Case No. 24885: Avion Fed Com Section A-A'



BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. D-4  
Submitted by: COG Operating LLC  
Hearing Date: October 31, 2024  
Case No. 24885

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**APPLICATION OF COG OPERATING LLC  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 24885**

**SELF-AFFIRMED STATEMENT OF  
PAULA M. VANCE**

1. I am attorney in fact and authorized representative of COG Operating LLC (“COG”), the Applicant herein. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.

2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the locatable affected parties on the date set forth in the letter attached hereto.

3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.

4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of October 21, 2024.

5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding. An affidavit of publication from the publication’s legal clerk with a copy of the notice publication is attached herein.

6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. E  
Submitted by: COG Operating LLC  
Hearing Date: October 31, 2024  
Case No. 24885**



\_\_\_\_\_  
Paula M. Vance

10/24/2024

\_\_\_\_\_  
Date



**Michael H. Feldewert**  
**Partner**  
**Phone** (505) 988-4421  
mfeldewert@hollandhart.com

October 11, 2024

**VIA CERTIFIED MAIL**  
**CERTIFIED RECEIPT REQUESTED**

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS**

**Re: Application of COG Operating LLC for Compulsory Pooling, Lea County,  
New Mexico: Avion Fed Com Wolfcamp wells**

Ladies & Gentlemen:

This letter is to advise you that COG Operating LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on October 31, 2024, and the status of the hearing can be monitored through the Division’s website at <https://www.emnrd.nm.gov/ocd/>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually, see the instructions on OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Michael Monju at (432) 685-4397 or at Michael.F.Monju@conocophillips.com.

Sincerely,

Michael H. Feldewert  
**ATTORNEY FOR COG OPERATING LLC**

**Location**  
110 North Guadalupe, Suite 1  
Santa Fe, NM 87501-1849

**Mailing Address**  
P.O. Box 2208  
Santa Fe, NM 87504-2208

**Contact**  
p: 505.988.4421 | f: 505.983.6043  
www.hollandhart.com

Holland & Hart LLP Anchorage Aspen Billings Boise Boulder Cheyenne Denver Jackson Hole Las Vegas Reno Salt Lake City Santa Fe Washington, D.C.

COG - Avion 701H-704H WC wells \_ Case no. 24885  
Postal Delivery Report

9414811898765480339804	Adely Properties, LLC	PO Box 3327	Midland	TX	79702-3327	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339842	Alan Jochimsen	4209 Cardinal Ln	Midland	TX	79707-1935	Your item was delivered to an individual at the address at 2:45 pm on October 15, 2024 in MIDLAND, TX 79707.
9414811898765480339880	Arrott Family Revocable Trust Dated 04/08/19	PO Box 95074	Little Rock	AR	72295	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339835	Barbara E. Hannifin	PO Box 2588	Roswell	NM	88202-2588	Your item was picked up at the post office at 1:02 pm on October 18, 2024 in ROSWELL, NM 88201.
9414811898765480339873	BEIF No 2 LMR, LLC	10288 W Chatfield Ave Ste 300	Littleton	CO	80127-4242	Your item was delivered to an individual at the address at 12:44 pm on October 17, 2024 in LITTLETON, CO 80127.
9414811898765480339750	Bryan Bell Family LLC	1331 3rd St	New Orleans	LA	70130-5743	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339767	Caprock Royalties, L.P.	PO Box 1610	Midland	TX	79702-1610	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339798	Cathleen Ann Adams Revocable Trust Dated Sept. 25,2020	PO Box 45807	Rio Rancho	NM	87174-5807	Your item was picked up at a postal facility at 9:28 am on October 19, 2024 in RIO RANCHO, NM 87124.
9414811898765480339781	Charles Warren Scott, Bane Bigbie, Sharon W. Scott, Co-Trustees Of The Scott Brothers Trust, Dated 05/03/12	PO Box 1834	Roswell	NM	88202-1834	Your item was picked up at the post office at 9:27 am on October 16, 2024 in ROSWELL, NM 88201.
9414811898765480339774	CrownRock Minerals, L.P.	PO Box 51933	Midland	TX	79710-1933	Your item was picked up at a postal facility at 12:11 pm on October 18, 2024 in MIDLAND, TX 79705.

COG - Avion 701H-704H WC wells \_ Case no. 24885  
Postal Delivery Report

9414811898765480339910	Flavian Oil Company	4849 Greenville Ave unit 1680	Dallas	TX	75206-4130	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339958	Frank S. Morgan And Robin L. Morgan, Husband And Wife	135 W Cottonwood Rd	Artesia	NM	88210-9224	Your item was delivered to an individual at the address at 3:07 pm on October 15, 2024 in ARTESIA, NM 88210.
9414811898765480339965	Howard A. Rubin, Inc.	623 Camino Rancheros	Santa Fe	NM	87505-2837	Your item was delivered to an individual at the address at 5:59 pm on October 15, 2024 in SANTA FE, NM 87505.
9414811898765480339927	Hutchings Oil Company	40 First Plaza Ctr NW Ste 610	Albuquerque	NM	87102-5801	Your item was returned to the sender on October 15, 2024 at 3:11 pm in ALBUQUERQUE, NM 87102 because the addressee was not known at the delivery address noted on the package.
9414811898765480339903	Innoventions, Inc.	100 N Pennsylvania Ave	Roswell	NM	88203-4620	Your item arrived at our ALBUQUERQUE, NM 87101 destination facility on October 20, 2024 at 3:00 am. The item is currently in transit to the destination.
9414811898765480339941	JackS Peak, LLC, A Texas Limited Liability Company	PO Box 294928	Kerrville	TX	78029-4928	Your item was picked up at a postal facility at 10:44 am on October 17, 2024 in KERRVILLE, TX 78028.
9414811898765480339989	John Kyle Thoma, Trustee of the Cornerstone Family Trust	PO Box 558	Peyton	CO	80831-0558	Your item has been delivered and is available at a PO Box at 9:51 am on October 16, 2024 in PEYTON, CO 80831.
9414811898765480339934	Karemont Properties, LLC	PO Box 9451	Midland	TX	79708-9451	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

COG - Avion 701H-704H WC wells \_ Case no. 24885  
Postal Delivery Report

9414811898765480339972	L and J Sumrud Ltd.	PO Box 4551	Ruidoso	NM	88355-4551	Your item arrived at the RUIDOSO, NM 88345 post office at 8:53 am on October 15, 2024 and is ready for pickup.
9414811898765480339651	Leonard Legacy Royalty, LLC	PO Box 3422	Midland	TX	79702-3422	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339668	LML Properties, LLC A Colorado Limited Liability Company	PO Box 3194	Boulder	CO	80307-3194	Your item arrived at the BOULDER, CO 80305 post office at 7:00 am on October 17, 2024 and is ready for pickup.
9414811898765480339620	Mark B. Murphy, Trustee Of The Mark B. Murphy Irrevocable Trust U/T/A Dated 12/11/12	PO Box 2164	Roswell	NM	88202-2164	Your item was picked up at the post office at 10:57 am on October 16, 2024 in ROSWELL, NM 88201.
9414811898765480339606	Maven Royalty 2, LP	620 Texas St Ste 300	Shreveport	LA	71101-3550	Your item was returned to the sender on October 17, 2024 at 7:42 am in SHREVEPORT, LA 71101 because the address was vacant or the business was no longer operating at the location and no further information was available.
9414811898765480339699	Mitchell Exploration	6212 Homestead Blvd	Midland	TX	79707-5059	Your item was picked up at a postal facility at 1:35 pm on October 16, 2024 in MIDLAND, TX 79705.
9414811898765480339644	Murphy Petroleum Corp.	PO Box 1030	Roswell	NM	88202-1030	Your item was picked up at the post office at 10:57 am on October 16, 2024 in ROSWELL, NM 88201.
9414811898765480339682	Permian Basin Investment Corp.	200 W 1st St Ste 648	Roswell	NM	88203-4677	Your item departed our USPS facility in OKLAHOMA CITY OK DISTRIBUTION CENTER on October 19, 2024 at 7:37 am. The item is currently in transit to the destination.

COG - Avion 701H-704H WC wells \_ Case no. 24885  
Postal Delivery Report

9414811898765480339637	Pronghorn Management Corp.	PO Box 1772	Hobbs	NM	88241-1772	Your item was picked up at the post office at 10:24 am on October 16, 2024 in HOBBS, NM 88240.
9414811898765480339118	Randall F. Montgomery	82 April Wind Dr S	Montgomery	TX	77356-5966	We could not access the delivery location to deliver your package at 4:08 pm on October 15, 2024 in MONTGOMERY, TX 77356. We will redeliver on the next delivery day. No action needed.
9414811898765480339156	Rubie C. Bell Family Limited Partnership No 1	PO Box 24591	New Orleans	LA	70184-4591	Your item was picked up at the post office at 12:16 pm on October 15, 2024 in NEW ORLEANS, LA 70124.
9414811898765480339163	Russell B. Buchanan	PO Box 2454	Midland	TX	79702-2454	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339194	S & K Properties, LLC	PO Box 1834	Roswell	NM	88202-1834	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339187	Sheila Davis - Life Estate Darron Keith Davis Remainderman	10119 Fairtree Dr	Strongsville	OH	44149-2351	Your item departed our USPS facility in SALT LAKE CITY UT DISTRIBUTION CENTER on October 20, 2024 at 1:06 am. The item is currently in transit to the destination.
9414811898765480339170	Sheila Davis - Life Estate Gregory Wade Davis Remainderman	13634 Schumann Trl	Sugar Land	TX	77498-3544	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339354	States Royalty Limited Partnership	PO Box 911	Breckenridge	TX	76424-0911	Your item was picked up at the post office at 9:28 am on October 16, 2024 in BRECKENRIDGE, TX 76424.

COG - Avion 701H-704H WC wells \_ Case no. 24885  
Postal Delivery Report

9414811898765480339323	Susan S. Murphy, Trustee Of The Ssm Trust	706 Brazos St	Roswell	NM	88201-3372	Your item was delivered to an individual at the address at 8:13 pm on October 15, 2024 in ROSWELL, NM 88201.
9414811898765480339309	Susan S. Murphy, Trustee Of The Susan S. Murphy Marital Trust U/T/A Dated 12/11/12	706 Brazos St	Roswell	NM	88201-3372	Your item was delivered to an individual at the address at 8:13 pm on October 15, 2024 in ROSWELL, NM 88201.
9414811898765480339392	The Gross Family L. P.	PO Box 358	Roswell	NM	88202-0358	Your item arrived at the ROSWELL, NM 88202 post office at 9:51 am on October 15, 2024 and is ready for pickup.
9414811898765480339347	University of the Southwest Foundation	6610 N Lovington Hwy	Hobbs	NM	88240-9120	Your item was delivered to the front desk, reception area, or mail room at 12:21 pm on October 15, 2024 in HOBBS, NM 88240.
9414811898765480339385	Wells Fargo, N.A., Successor Trustee of the Robert N. Enfield Irrevocable Trust B	201 Main St	Fort Worth	TX	76102-3105	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765480339330	West Bend Energy Partners III, LLC	1320 S University Dr Ste 701	Fort Worth	TX	76107-8061	Your item was delivered to an individual at the address at 3:26 pm on October 15, 2024 in FORT WORTH, TX 76107.
9414811898765480339378	Wing Resources VI, LLC	2100 McKinney Ave Ste 1540	Dallas	TX	75201-2140	Your item was delivered to an individual at the address at 10:10 am on October 17, 2024 in DALLAS, TX 75201.
9414811898765480339019	Worrall Investment Corporation	PO Box 1834	Roswell	NM	88202-1834	Your item was picked up at the post office at 9:27 am on October 16, 2024 in ROSWELL, NM 88201.

# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

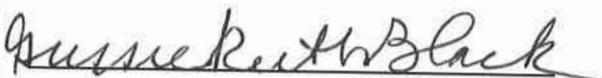
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
October 17, 2024  
and ending with the issue dated  
October 17, 2024.



Publisher

Sworn and subscribed to before me this  
17th day of October 2024.



Business Manager

My commission expires

January 29, 2027

(Seal)

STATE OF NEW MEXICO

NOTARY PUBLIC

GUSSIE RUTH BLACK

COMMISSION # 1087526

COMMISSION EXPIRES 01/29/2027

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said publication has been made.

## LEGAL NOTICE October 17, 2024

Case No. 24885: Application of COG Operating LLC for Compulsory Pooling, Lea County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: Adely Properties, LLC; Alan Jochimsen; Arrott Family Revocable Trust Dated 04/08/19; Barbara E. Hannifin; BEIF #2 LMR, LLC; Bryan Bell Family LLC; Caprock Royalties, LP; Cathleen Ann Adams Revocable Trust Dated Sept. 25, 2020; Charles Warren Scott, Bane Bigbie, Sharon W. Scott, Co-Trustees Of The Scott Brothers Trust, Dated 05/03/12; CrownRock Minerals, L.P.; Flavian Oil Company; Frank S. Morgan And Robin L. Morgan, Husband And Wife; Howard A. Rubin, Inc.; Hutchings Oil Company; Innoventions, Inc.; Jack's Peak, LLC, A Texas Limited Liability Company; John Kyle Thoma, Trustee of the Cornerstone Family Trust; Karemont Properties, LLC; L and J Sumruld Ltd.; Leonard Legacy Royalty, LLC; LML Properties, LLC A Colorado Limited Liability Company; Mark B. Murphy, Trustee Of The Mark B. Murphy Irrevocable Trust U/T/A Dated 12/11/12; Maven Royalty 2, LP; Mitchell Exploration; Murphy Petroleum Corp.; Permian Basin Investment Corp.; Pronghorn Management Corp.; Randall F. Montgomery; Rubie C. Bell Family Limited Partnership #1; Russell B. Buchanan; S & K Properties, LLC; Sheila Ann Davis; Sheila Davis - Life Estate Darron Keith Davis Remainderman; Sheila Davis - Life Estate Gregory Wade Davis Remainderman; States Royalty Limited Partnership; Susan S. Murphy, Trustee Of The SMM Trust; Susan S. Murphy, Trustee Of The Susan S. Murphy Marital Trust U/T/A Dated 12/11/12; The Gross Family L. P. ; University of the Southwest Foundation; Wells Fargo, N.A., Successor Trustee of the Robert N. Enfield Irrevocable Trust B; West Bend Energy Partners III, LLC; Wing Resources VI, LLC; Worrall Investment Corporation. The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearing 8:30 a.m. on October 31, 2024, to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st-Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the hearings electronically, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/> or contact Freya Tschantz, at [Freya.Tschantz@emnrd.nm.gov](mailto:Freya.Tschantz@emnrd.nm.gov). Applicant in the above-styled cause seeks an order pooling certain non-cost bearing interest owners in the Wolfcamp formation underlying a standard 640- acre, more or less, horizontal well spacing unit comprised of the E2 of Sections 22 and 27, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the following proposed wells:

- Avion Fed Com 701H and Avion Fed Com 702H to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NE4NE4 (Unit A) of Section 22 and last take points in the SE4SE4 (Unit P) of Section 27; and
- Avion Fed Com 703H and Avion Fed Com 704H to be horizontally drilled from a surface location in the NE4 of Section 22, with first take points in the NW4NE4 (Unit B) of Section 22 and last take points in the SW4SE4 (Unit O) of Section 27.

The completed interval of the Avion Fed Com702H well is expected to remain within 330 feet of the offsetting quarter-quarter section or equivalent tracts to allow inclusion of this acreage in a standard horizontal well spacing unit. Said area is located approximately 25 miles east of Loving, New Mexico.  
#00295148

67100754

00295148

HOLLAND & HART LLC  
110 N GUADALUPE ST., STE. 1  
SANTA FE, NM 87501

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. F  
Submitted by: COG Operating LLC  
Hearing Date: October 31, 2024  
Case No. 24885