

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

**APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING UNIT  
AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25164**

**NOTICE OF REVISED EXHIBITS**

COG Operating LLC (collectively "COG"), applicant in above-referenced case, gives notice that it is filing the attached revised exhibits for acceptance into the record.

**Revised Exhibit C-1** are pooling exhibit that shows COG is no longer pooling LRF Jr., LLC, SMP Sidecar Titan Mineral Holdings, LP, SMP Titan Mineral Holdings, LP, MSH Family Real Estate Partnership II, LLC, and SMP Titan Flex, LP.

**Revised Exhibit E** is a sample notice letter and the mailing report for notice sent to overriding royalty interest owners that COG seeks to pool.

**Revised Exhibit F** is a notice of affidavit for the overriding royalty interest owners that COG seeks to pool.

Respectfully submitted,

HOLLAND & HART LLP

By:   
\_\_\_\_\_

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

**CERTIFICATE OF SERVICE**

I hereby certify that on March 25, 2025, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

Kaitlyn A. Luck  
P.O. Box 483  
Taos, NM 87571  
luck.kaitlyn@gmail.com  
(361) 648-1973  
***Attorney for Chief Capital (O&G) II LLC &  
WR Non-Op LLC***



---

Paula M. Vance



COG OPERATING LLC  
Bat Bomb Fed Com 401H, 402H, 421H, & 422H  
Eddy County, New Mexico

Case No. 25164  
BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING March 13, 2025



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

**APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING UNIT  
AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25164**

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  - COG Exhibit C-1: C-102s
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- **COG Exhibit D:** Self-Affirmed Statement of Jessica Pontiff, Geologist
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- **COG *Revised* Exhibit E:** Self-Affirmed Notice Statement
- **COG *Revised* Exhibit F:** Notice of Publication

# COMPULSORY POOLING APPLICATION CHECKLIST

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

Case: 25164	APPLICANT'S RESPONSE
Date	March 13, 2025
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	COG Operating LLC (OGRID No. 229137)
Applicant's Counsel:	Holland & Hart LLP
Case Title: <p style="text-align: center;"> <b>BEFORE THE OIL CONSERVATION DIVISION</b>  <b>Santa Fe, New Mexico</b>  <b>Exhibit No. A</b>  <b>Submitted by: COG Operating LLC</b>  <b>Hearing Date: March 13, 2025</b>  <b>Case No. 25164</b> </p>	APPLICATION OF COG OPERATING LLC FOR APPROVAL OF A NON-STANDARD 947-ACRE HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	Chief Capital (O&G) II LLC & WR Non-Op LLC
Well Family	Bat Bomb
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp
Primary Product (Oil or Gas):	Gas
Pooling this vertical extent:	N/A
Pool Name and Pool Code (Only if NSP is requested):	Purple Sage; Wolfcamp [98220]
Well Location Setback Rules (Only if NSP is Requested):	Purple Sage Pool Rules
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	947-acres
Building Blocks:	320 acres
Orientation:	Laydown / U-Turn
Description: TRS/County	Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, T23S, R27E, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	NSP approval requested; see above.
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	Exhibit C-2
<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>Bat Bomb Fed Com 401H</u> (API No. pending) SHL: 1,043' FNL & 200' FWL (Lot 1) of Sec. 31 BHL: 2,245' FSL & 100' FWL (Lot 3) of Sec. 30 Completion Target: Wolfcamp formation Well Orientation: Laydown / U-Turn Completion Location expected to be: Standard
Well #2	<u>Bat Bomb Fed Com 402H</u> (API No. pending) SHL: 1,103' FNL & 200' FWL (Lot 1) of Sec. 31 BHL: 1,700' FSL & 100' FWL (Lot 3) of Sec. 31 Completion Target: Wolfcamp formation Well Orientation: Laydown / U-Turn Completion Location expected to be: Standard
Well #3	<u>Bat Bomb Fed Com 421H</u> (API No. pending) SHL: 1,073' FNL & 200' FWL (Lot 1) of Sec. 31 BHL: 1,279' FSL & 100' FWL (Lot 4) of Sec. 30 Completion Target: Wolfcamp formation Well Orientation: Laydown / U-Turn Completion Location expected to be: Standard
Well #4	<u>Bat Bomb Fed Com 422H</u> (API No. pending) SHL: 1,133' FNL & 200' FWL (Lot 1) of Sec. 31 BHL: 750' FSL & 100' FWL (Lot 4) of Sec. 31 Completion Target: Wolfcamp formation Well Orientation: Laydown / U-Turn Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	<b>Exhibit C-1</b>
Completion Target (Formation, TVD and MD)	<b>Exhibit C-3</b>
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	<b>\$10,000</b>
Production Supervision/Month \$	<b>\$100</b>
Justification for Supervision Costs	<b>Exhibit C</b>
Requested Risk Charge	<b>200%</b>
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	<b>Exhibit A</b>
Proof of Mailed Notice of Hearing (20 days before hearing)	<b>Exhibit E</b>
Proof of Published Notice of Hearing (10 days before hearing)	<b>Exhibit F</b>
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	<b>Exhibit C-2</b>
Tract List (including lease numbers and owners)	<b>Exhibit C-3</b>
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	<b>Exhibit C-5</b>
Related Parties (including ownership type)	<b>Exhibit C-2</b>

Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit C-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-2
Chronology of Contact with Non-Joined Working Interests	Exhibit C-4
Overhead Rates In Proposal Letter	Exhibit C-3
Cost Estimate to Drill and Complete	Exhibit C-3
Cost Estimate to Equip Well	Exhibit C-3
Cost Estimate for Production Facilities	Exhibit C-3
<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-2
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>	
<b>Printed Name</b> (Attorney or Party Representative):	Paula M. Vance
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	3/5/2025

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

**APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING UNIT  
AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25164**

**APPLICATION**

COG Operating LLC (“COG” or “Applicant”) (OGRID No. 229137), through its undersigned attorneys, files this application with the Oil Conservation Division (“Division”) for an order (a) approving a 947-acre, more or less, non-standard horizontal well spacing unit in the Wolfcamp formation underlying Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico and (b) pooling all uncommitted interests in this acreage. 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. Due to the nature and configuration of the federal leases in the subject area, the Bureau of Land Management (“BLM”) will not approve the commingling of production at central facilities if the subject area is developed using standard horizontal well spacing units. *See, e.g.,* 43 CFR 3173.14 (addressing authorized commingling). However, if the proposed non-standard spacing unit is approved by the Division, the BLM has stated it will issue a corresponding Communitization Agreement for the federal leases within the subject area to allow commingling and the corresponding reduction of the necessary surface facilities.

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. B  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164**

3. COG seeks to minimize cost and surface disturbance by consolidating facilities and commingling production from existing and future wells in the proposed non-standard spacing unit. To allow the proposed wells to be dedicated to a federal Communitization Agreement, COG requires approval of a corresponding non-standard horizontal well spacing unit in the Wolfcamp formation.

4. Applicant seeks to initially dedicate the non-standard horizontal spacing unit to the proposed **Bat Bomb Fed Com 401H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 30; **Bat Bomb Fed Com 402H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 31; **Bat Bomb Fed Com 421H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30; and **Bat Bomb Fed Com 422H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30.

5. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the working interest owners in the subject spacing unit.

6. Approval of the non-standard unit is necessary to allow COG to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands, reduce surface disturbance, and lower operating costs.

7. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

WHEREFORE, Applicant requests that this matter be set for hearing before an Examiner of the Oil Conservation Division on February 13, 2025, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the proposed non-standard spacing unit;
- B. Pooling all uncommitted interests in the horizontal spacing unit and approving the initial wells thereon;
- C. Designating Applicant as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HOLLAND & HART LLP

By:   
\_\_\_\_\_  
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**ATTORNEYS FOR COG OPERATING LLC**

CASE \_\_\_\_\_ : **Application of COG Operating LLC for Approval of a Non-Standard 947-Acre Horizontal Well Spacing Unit, Eddy County, New Mexico.** Applicant in the above-styled cause seeks to (a) approving a 947-acre, more or less, non-standard horizontal well spacing unit in the Wolfcamp formation underlying Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico and (b) pooling all uncommitted interests in this acreage. This spacing unit will be initially dedicated to the proposed **Bat Bomb Fed Com 401H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 30; **Bat Bomb Fed Com 402H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 31; **Bat Bomb Fed Com 421H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30; and **Bat Bomb Fed Com 422H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 7 miles west of Loving, New Mexico.

**STATE OF NEW MEXICO  
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**APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING  
UNIT AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25164**

**SELF-AFFIRMED STATEMENT OF SHELLEY C. KLINGLER**

1. My name is Shelley C. Klingler, 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. 25164**, COG seeks an order (a) approving a 947-acre, more or less, non-standard horizontal well spacing unit in the Wolfcamp formation (Purple Sage-Wolfcamp Gas Pool [98220]) underlying Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico and (b) pooling all uncommitted interests in this acreage.

5. Due to the nature and configuration of the federal leases in the subject area, the Bureau of Land Management (“BLM”) will not approve the commingling of production at central facilities if the subject area is developed using standard horizontal well spacing units. *See, e.g.*, 43 CFR 3173.14 (addressing authorized commingling). However, if the proposed non-standard

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. C  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164**

spacing unit is approved by the Division, the BLM has stated it will issue a corresponding Communitization Agreement for the federal leases within the subject area to allow commingling and the corresponding reduction of the necessary surface facilities.

6. COG seeks to minimize cost and surface disturbance by consolidating facilities and commingling production from existing and future wells in the proposed non-standard spacing unit. To allow the proposed wells to be dedicated to a federal Communitization Agreement, COG requires approval of a corresponding non-standard horizontal well spacing unit in the Bone Spring formation.

7. I have met with COG's facility engineers. If the acreage is developed using standard spacing units, additional tank batteries will be required at a cost of approximately \$6MM and require an additional surface disturbance of nine (9) acres. If the proposed non-standard spacing unit is approved, the additional cost and surface disturbance required for additional tanks can be avoided.

8. Eliminating the need for that additional tank batteries will also lower the operating costs for this acreage thereby making this project more competitive with drilling projects in other states and extending the productive life of the acreage.

9. COG seeks to initially dedicate the above-referenced non-standard spacing unit to the **Bat Bomb Fed Com 401H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 30; **Bat Bomb Fed Com 402H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 3 (NW/4 SW/4

equivalent) of irregular Section 31; **Bat Bomb Fed Com 421H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30; and **Bat Bomb Fed Com 422H** “U-Turn” well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30.

10. **COG Exhibit C-1** contains C-102s for each of the proposed wells. This form demonstrates that the completed interval for the wells will comply with the Purple Sage Special Pool rules. The wells are dedicated to the Purple Sage-Wolfcamp Gas Pool [98220].

11. **COG Exhibit C-2** identifies the tracts of land comprising the proposed spacing unit, the ownership interests in each tract, and ownership interests on a spacing unit basis. The subject area consists of federal and state acreage. The parties COG seeks to pool are highlighted in yellow.

12. **COG Exhibit C-3** contains a sample of the well proposal letter and AFEs sent to owners with a working interest. The costs reflected in the AFEs are consistent with what COG and other operators have incurred for drilling similar horizontal wells in the area.

13. COG requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$11,000 per month while drilling and \$1,100 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.

14. **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.

15. 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.

16. **COG Exhibit C-5** is a plat identifying the tracts that adjoin the proposed non-standard spacing unit and a list of the affected parties in those tracts. I instructed the law firm of Holland & Hart, LLP to provide notice of this hearing to these additional affected parties. A sample copy of the notice, and mailing report, is included in Exhibit E.

17. **COG Exhibit C-1 through C-5** were either prepared by me or compiled under my direction and supervision.

18. 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.

  
\_\_\_\_\_  
Shelley C. Klingler

2/5/2025  
\_\_\_\_\_  
Date

Santa Fe, New Mexico  
Exhibit No. C-1

Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164  
Revised July 9, 2024

<p><b>C-102</b></p> <p>Submit Electronically Via OCD Permitting</p>	<p>State of New Mexico Energy, Minerals &amp; Natural Resources Department <b>OIL CONSERVATION DIVISION</b></p>	<p>Submittal Type:</p> <p><input checked="" type="checkbox"/> Initial Submittal</p> <p><input type="checkbox"/> Amended Report</p> <p><input type="checkbox"/> As Drilled</p>
-------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

WELL LOCATION INFORMATION

API Number	Pool Code <b>98220</b>	Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
Property Code	Property Name <b>BAT BOMB FED COM</b>	Well Number <b>401H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>3,229.30'</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,043' FNL</b>	<b>200' FWL</b>	<b>32.265397°</b>	<b>-104.237247°</b>	<b>EDDY</b>

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 3</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>2,245 FSL</b>	<b>100' FWL</b>	<b>32.274435°</b>	<b>-104.237552°</b>	<b>EDDY</b>

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>320' FSL</b>	<b>10' FWL</b>	<b>32.269143°</b>	<b>-104.237854°</b>	<b>EDDY</b>

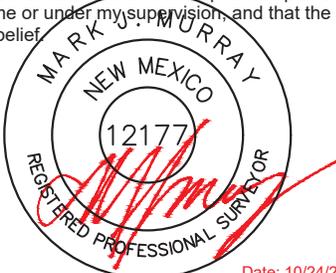
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>320' FSL</b>	<b>330' FWL</b>	<b>32.269143°</b>	<b>-104.236819°</b>	<b>EDDY</b>

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 3</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>2,245' FSL</b>	<b>330' FWL</b>	<b>32.274435°</b>	<b>-104.236808°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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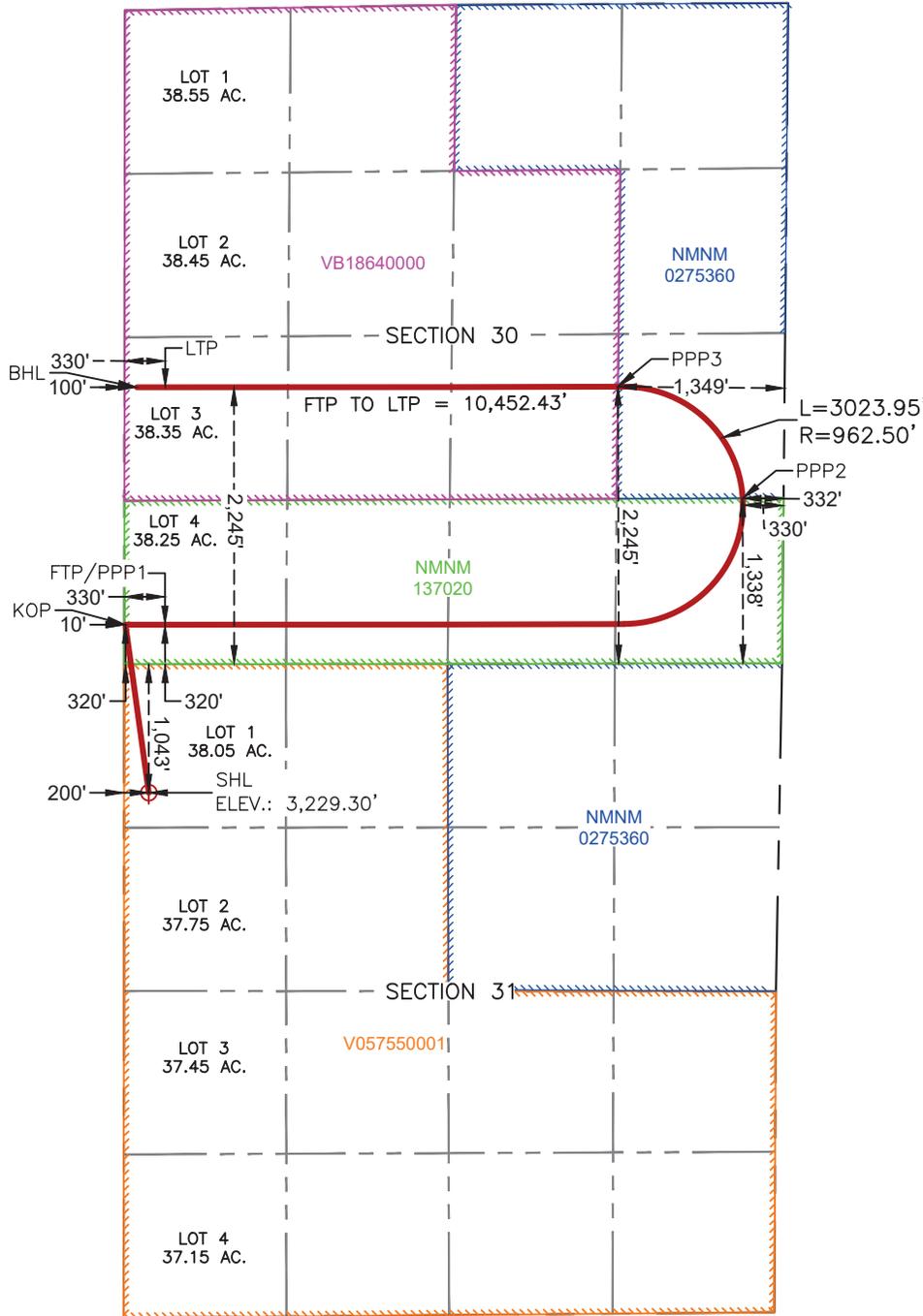
<p><b>OPERATOR CERTIFICATIONS</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</p>	<p><b>SURVEYOR CERTIFICATIONS</b></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> <div style="text-align: center;">  </div> <p style="text-align: right; color: red;">Date: 10/24/2024</p>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number <b>12177</b> Date of Survey <b>10/24/2024</b>
Email Address _____	

Note: 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.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SURFACE HOLE LOCATION  
 1,043' FNL & 200' FWL  
 ELEV. = 3,229.30'  
 NAD 83 X = 571,036.87'  
 NAD 83 Y = 460,297.64'  
 NAD 83 LAT = 32.265397°  
 NAD 83 LONG = -104.237247°

KICK-OFF POINT  
 320' FSL & 10' FWL  
 NAD 83 X = 570,848.09'  
 NAD 83 Y = 461,660.54'  
 NAD 83 LAT = 32.269143°  
 NAD 83 LONG = -104.237854°

FIRST TAKE POINT & PENETRATION POINT 1  
 320' FSL & 330' FWL  
 NAD 83 X = 571,168.10'  
 NAD 83 Y = 461,660.70'  
 NAD 83 LAT = 32.269143°  
 NAD 83 LONG = -104.236819°

PENETRATION POINT 2  
 1,338' FSL & 332' FEL  
 NAD 83 X = 575,844.05'  
 L=3023.95'  
 R=962.50'  
 NAD 83 Y = 462,685.44'  
 NAD 83 LAT = 32.271948°  
 NAD 83 LONG = -104.221687°

PENETRATION POINT 3  
 2,245' FSL & 1,349' FEL  
 NAD 83 X = 574,835.13'  
 NAD 83 Y = 463,590.32'  
 NAD 83 LAT = 32.274438°  
 NAD 83 LONG = -104.224948°

LAST TAKE POINT  
 2,245' FSL & 330' FWL  
 NAD 83 X = 571,169.81'  
 NAD 83 Y = 463,585.70'  
 NAD 83 LAT = 32.274435°  
 NAD 83 LONG = -104.236808°

BOTTOM HOLE LOCATION  
 2,245' FSL & 100' FWL  
 NAD 83 X = 570,939.81'  
 NAD 83 Y = 463,585.59'  
 NAD 83 LAT = 32.274435°  
 NAD 83 LONG = -104.237552°

<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024
		Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code <b>98820</b>	Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
Property Code	Property Name <b>BAT BOMB FED COM</b>	Well Number <b>402H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>3,229.93'</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,103' FNL</b>	<b>200' FWL</b>	<b>32.265232°</b>	<b>-104.237248°</b>	<b>EDDY</b>

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 3</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,700 FSL</b>	<b>100' FWL</b>	<b>32.258370°</b>	<b>-104.237586°</b>	<b>EDDY</b>

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 2</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,675' FNL</b>	<b>10' FWL</b>	<b>32.263659°</b>	<b>-104.237866°</b>	<b>EDDY</b>

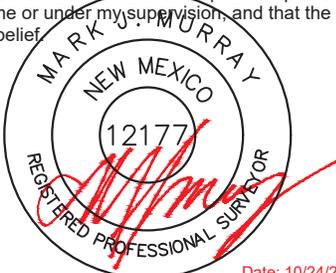
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 2</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,675' FNL</b>	<b>330' FWL</b>	<b>32.263659°</b>	<b>-104.236831°</b>	<b>EDDY</b>

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 3</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,700' FSL</b>	<b>330' FWL</b>	<b>32.258375°</b>	<b>-104.236842°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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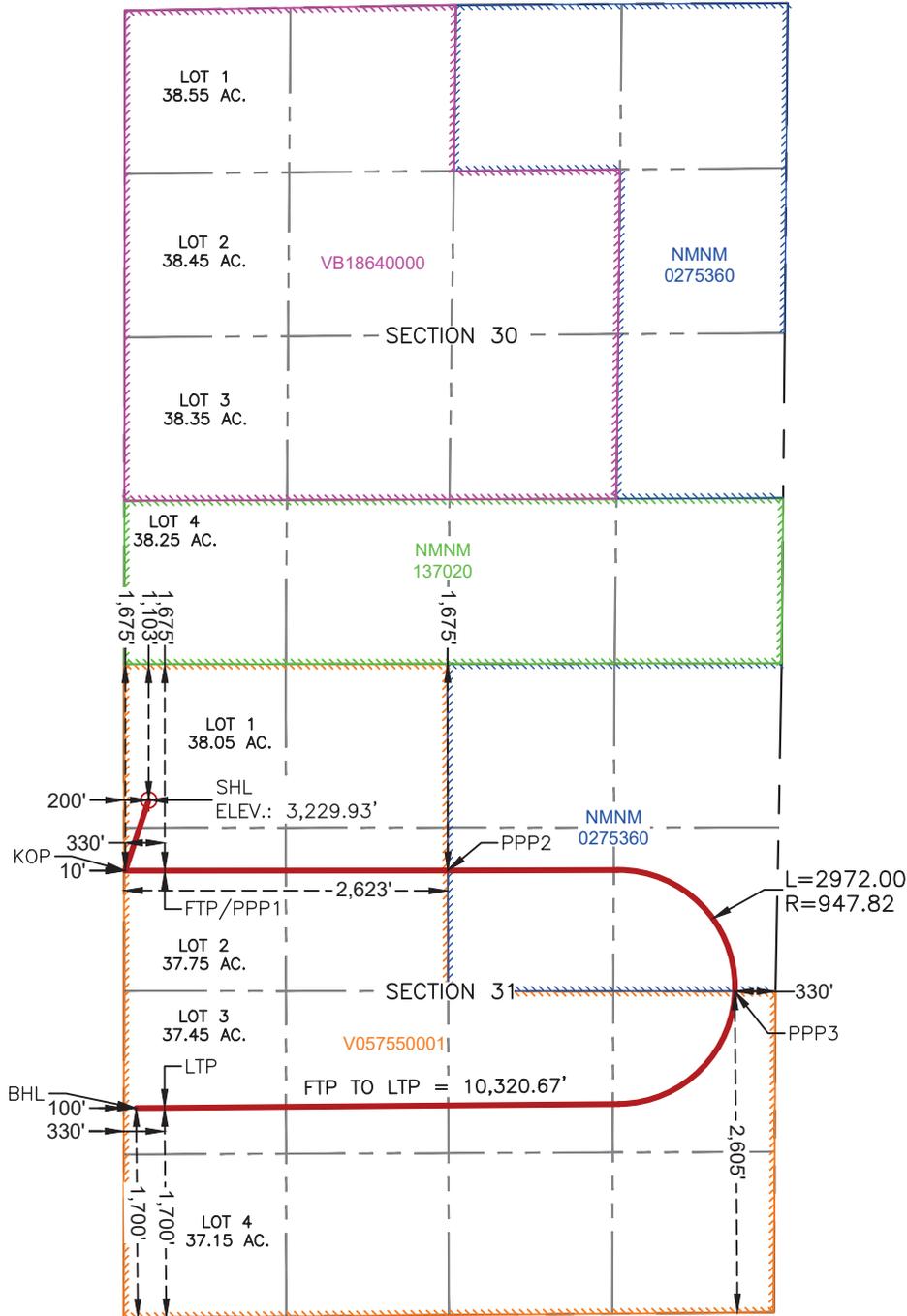
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Signature _____ Date _____	Signature and Seal of Professional Surveyor
Printed Name _____	Certificate Number: <b>12177</b> Date of Survey: <b>10/24/2024</b>
Email Address _____	

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ACREAGE DEDICATION PLATS

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**SURFACE HOLE LOCATION**  
 1,103' FNL & 200' FWL  
 ELEV. = 3,229.93'  
 NAD 83 X = 571,036.84'  
 NAD 83 Y = 460,237.64'  
 NAD 83 LAT = 32.265232°  
 NAD 83 LONG = -104.237248°

**KICK-OFF POINT**  
 1,675' FNL & 10' FWL  
 NAD 83 X = 570,846.30'  
 NAD 83 Y = 459,665.54'  
 NAD 83 LAT = 32.263659°  
 NAD 83 LONG = -104.237866°

**FIRST TAKE POINT & PENETRATION POINT 1**  
 1,675' FNL & 330' FWL  
 NAD 83 X = 571,166.30'  
 NAD 83 Y = 459,665.70'  
 NAD 83 LAT = 32.263659°  
 NAD 83 LONG = -104.236831°

**PENETRATION POINT 2**  
 1,675' FNL & 2,623' FWL  
 NAD 83 X = 573,459.52'  
 NAD 83 Y = 459,666.85'  
 NAD 83 LAT = 32.263656°  
 NAD 83 LONG = -104.229411°

**PENETRATION POINT 3**  
 2,605' FSL & 330' FEL  
 NAD 83 X = 575,784.05'  
 NAD 83 Y = 458,687.66'  
 NAD 83 LAT = 32.260958°  
 NAD 83 LONG = -104.221894°

**LAST TAKE POINT**  
 1,700' FSL & 330' FWL  
 NAD 83 X = 571,164.57'  
 NAD 83 Y = 457,743.50'  
 NAD 83 LAT = 32.258375°  
 NAD 83 LONG = -104.236842°

**BOTTOM HOLE LOCATION**  
 1,700' FSL & 100' FWL  
 NAD 83 X = 570,934.57'  
 NAD 83 Y = 457,741.55'  
 NAD 83 LAT = 32.258370°  
 NAD 83 LONG = -104.237586°

<b>C-102</b>  Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department <b>OIL CONSERVATION DIVISION</b>	Revised July 9, 2024  Submittal Type: <input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code <b>98820</b>	Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
Property Code	Property Name <b>BAT BOMB FED COM</b>	Well Number <b>421H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>3,229.75'</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,073' FNL</b>	<b>200' FWL</b>	<b>32.265314°</b>	<b>-104.237248°</b>	<b>EDDY</b>

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>1,279 FSL</b>	<b>100' FWL</b>	<b>32.271780°</b>	<b>-104.237558°</b>	<b>EDDY</b>

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>625' FNL</b>	<b>10' FWL</b>	<b>32.266546°</b>	<b>-104.237860°</b>	<b>EDDY</b>

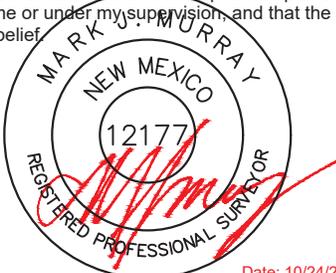
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>625' FNL</b>	<b>330' FWL</b>	<b>32.266545°</b>	<b>-104.236824°</b>	<b>EDDY</b>

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>30</b>	<b>23 S</b>	<b>27 E</b>		<b>1,279' FSL</b>	<b>330' FWL</b>	<b>32.271779°</b>	<b>-104.236813°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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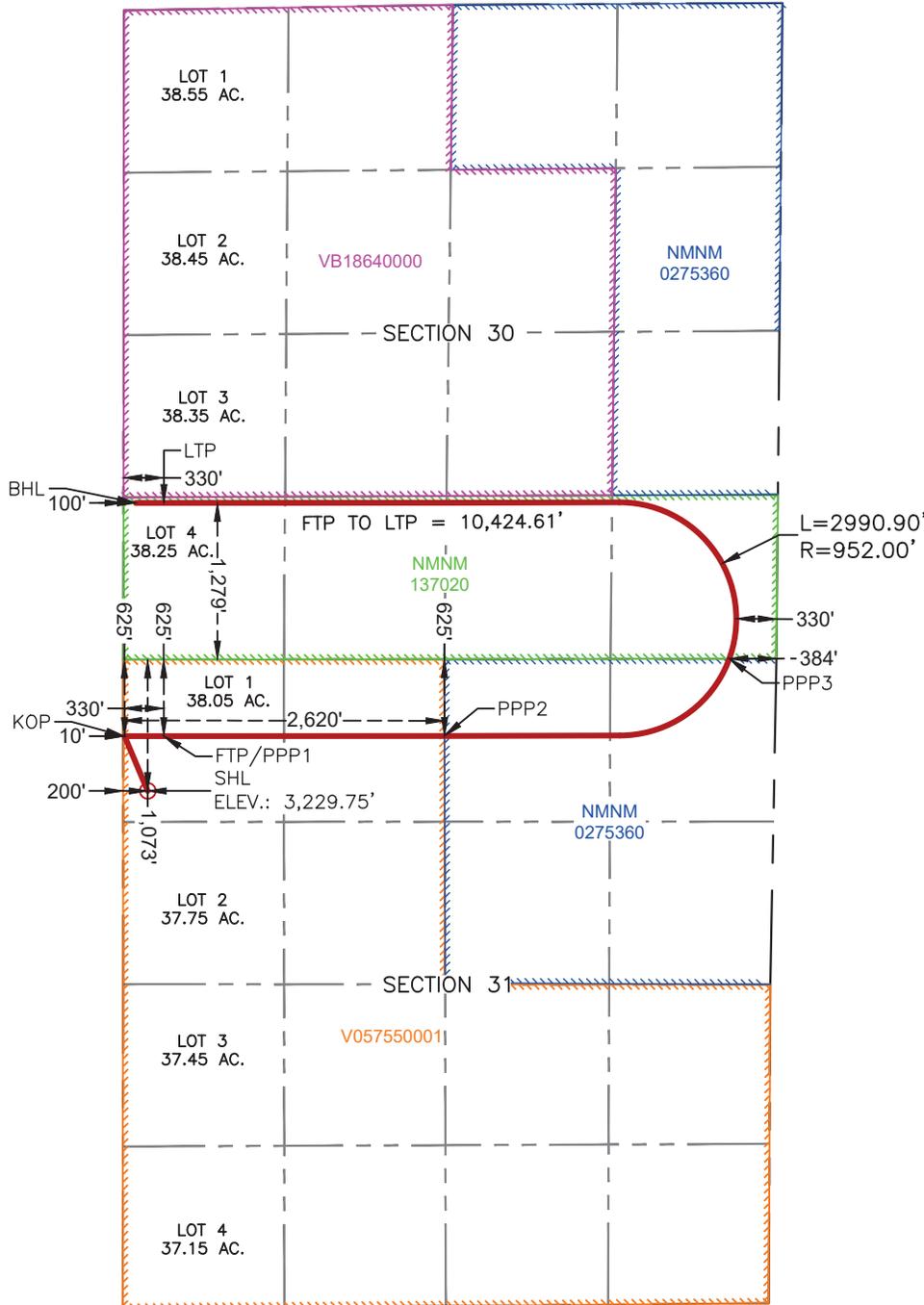
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Signature _____ Date _____	Signature and Seal of Professional Surveyor
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 ELEV. = 3,229.75'  
 NAD 83 X = 571,036.84'  
 NAD 83 Y = 460,267.64'  
 NAD 83 LAT = 32.265314°  
 NAD 83 LONG = -104.237248°

**KICK-OFF POINT**  
 625' FNL & 10' FWL  
 NAD 83 X = 570,847.25'  
 NAD 83 Y = 460,715.54'  
 NAD 83 LAT = 32.266546°  
 NAD 83 LONG = -104.237860°

**FIRST TAKE POINT & PENETRATION POINT 1**  
 625' FNL & 330' FWL  
 NAD 83 X = 571,167.25'  
 NAD 83 Y = 460,715.70'  
 NAD 83 LAT = 32.266545°  
 NAD 83 LONG = -104.236824°

**PENETRATION POINT 2**  
 625' FNL & 2,620' FWL  
 NAD 83 X = 573,457.26'  
 NAD 83 Y = 460,716.85'  
 NAD 83 LAT = 32.266543°  
 NAD 83 LONG = -104.229415°

**PENETRATION POINT 3**  
 0' FSL & 384' FEL  
 NAD 83 X = 575,779.90'  
 NAD 83 Y = 461,347.71'  
 NAD 83 LAT = 32.268270°  
 NAD 83 LONG = -104.221899°

**LAST TAKE POINT**  
 1,279' FSL & 330' FWL  
 NAD 83 X = 571,168.95'  
 NAD 83 Y = 462,619.70'  
 NAD 83 LAT = 32.271779°  
 NAD 83 LONG = -104.236813°

**BOTTOM HOLE LOCATION**  
 1,279' FSL & 100' FWL  
 NAD 83 X = 570,938.95'  
 NAD 83 Y = 462,619.59'  
 NAD 83 LAT = 32.271780°  
 NAD 83 LONG = -104.237558°

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WELL LOCATION INFORMATION

API Number	Pool Code <b>98820</b>	Pool Name <b>PURPLE SAGE; WOLFCAMP</b>
Property Code	Property Name <b>BAT BOMB FED COM</b>	Well Number <b>422H</b>
OGRID No. <b>229137</b>	Operator Name <b>COG OPERATING LLC</b>	Ground Level Elevation <b>3,230.02'</b>
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal		Mineral Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 1</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>1,133' FNL</b>	<b>200' FWL</b>	<b>32.265149°</b>	<b>-104.237248°</b>	<b>EDDY</b>

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>750' FSL</b>	<b>100' FWL</b>	<b>32.255759°</b>	<b>-104.237591°</b>	<b>EDDY</b>

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 2</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>2,650' FSL</b>	<b>10' FWL</b>	<b>32.260979°</b>	<b>-104.237871°</b>	<b>EDDY</b>

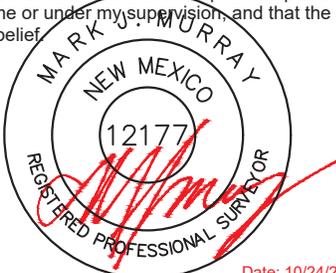
First Take Point (FTP)

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<b>LOT 2</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>2,647' FSL</b>	<b>330' FWL</b>	<b>32.260978°</b>	<b>-104.236836°</b>	<b>EDDY</b>

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
<b>LOT 4</b>	<b>31</b>	<b>23 S</b>	<b>27 E</b>		<b>750' FSL</b>	<b>330' FWL</b>	<b>32.255764°</b>	<b>-104.236847°</b>	<b>EDDY</b>

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
-------------------------------------------	-----------------------------------------------------------------------------------------	-------------------------

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 NAD 83 X = 571,036.79'  
 NAD 83 Y = 460,207.64'  
 NAD 83 LAT = 32.265149°  
 NAD 83 LONG = -104.237248°

**KICK-OFF POINT**  
 2,650' FSL & 10' FWL  
 NAD 83 X = 570,845.42'  
 NAD 83 Y = 458,690.54'  
 NAD 83 LAT = 32.260979°  
 NAD 83 LONG = -104.237871°

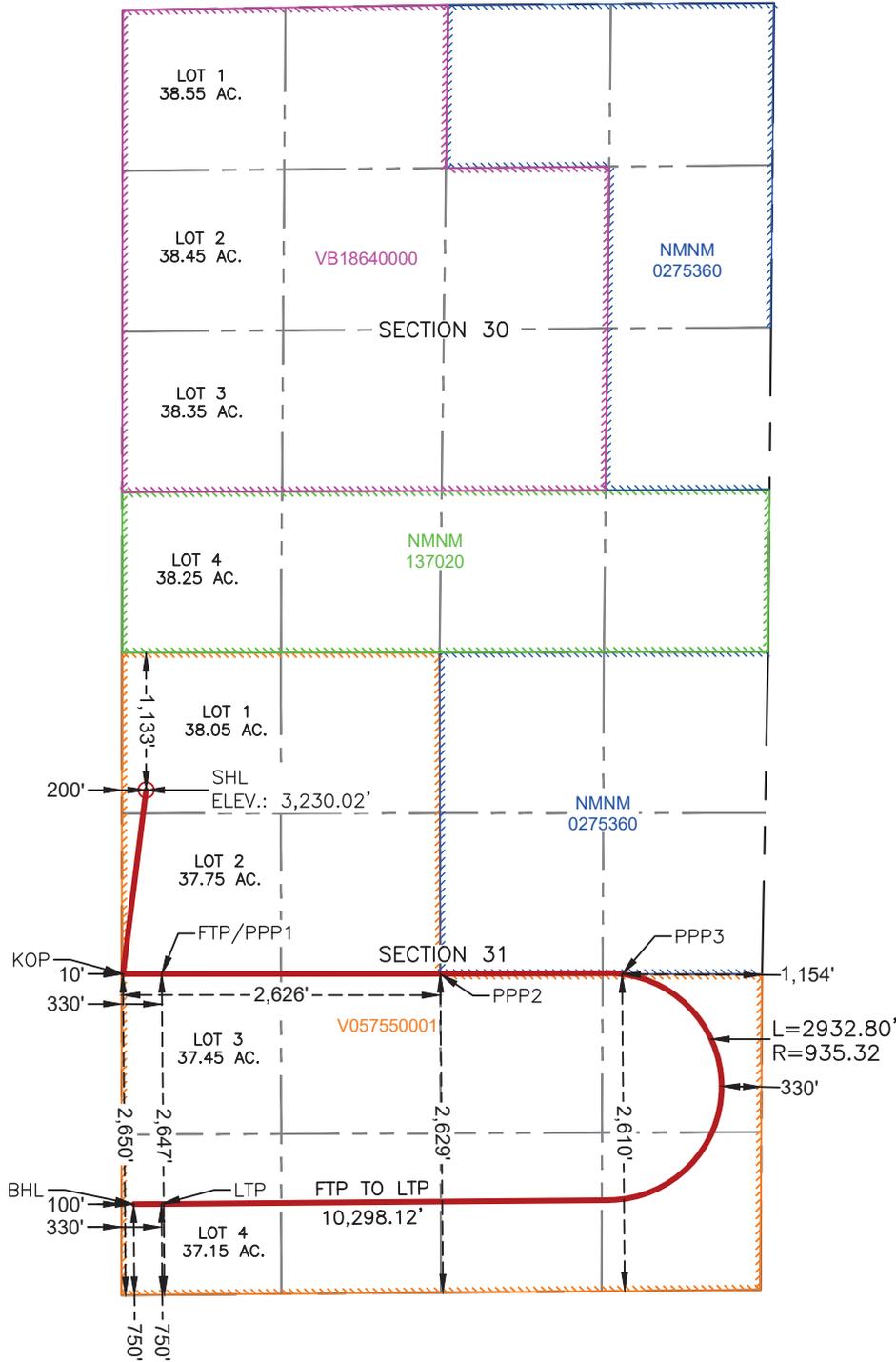
**FIRST TAKE POINT & PENETRATION POINT 1**  
 2,647' FSL & 330' FWL  
 NAD 83 X = 571,165.42'  
 NAD 83 Y = 458,690.38'  
 NAD 83 LAT = 32.260978°  
 NAD 83 LONG = -104.236836°

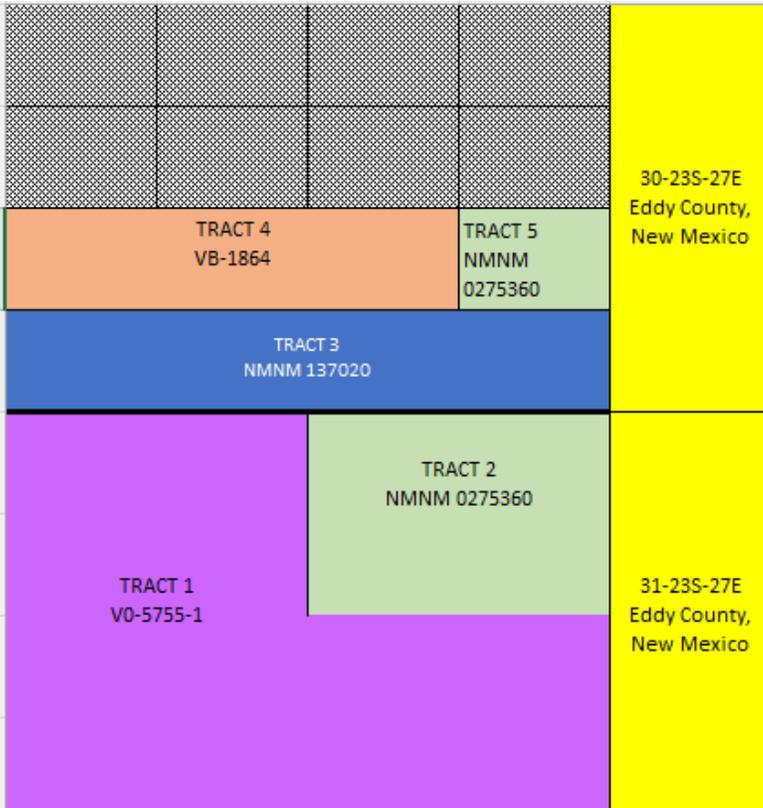
**PENETRATION POINT 2**  
 2,629' FSL & 2,626' FWL  
 NAD 83 X = 573,461.61'  
 NAD 83 Y = 458,691.86'  
 NAD 83 LAT = 32.260976°  
 NAD 83 LONG = -104.229408°

**PENETRATION POINT 3**  
 2,612' FSL & 1,154' FEL  
 NAD 83 X = 574,960.17'  
 NAD 83 Y = 458,688.14'  
 NAD 83 LAT = 32.260962°  
 NAD 83 LONG = -104.224560°

**LAST TAKE POINT**  
 750' FSL & 330' FWL  
 NAD 83 X = 571,163.71'  
 NAD 83 Y = 456,793.46'  
 NAD 83 LAT = 32.255764°  
 NAD 83 LONG = -104.236847°

**BOTTOM HOLE LOCATION**  
 750' FSL & 100' FWL  
 NAD 83 X = 570,933.71'  
 NAD 83 Y = 456,791.50'  
 NAD 83 LAT = 32.255759°  
 NAD 83 LONG = -104.237591°





	Not in project area.	
	VB-1864	Devon - 50% WR Non-Op LLC - 12.25% Chief Capital (O&G) II LLC - 37.75%
	NMNM 137020	COPC/COG - 75% Devon - 12.5% WR Non-Op LLC - 3.0625% Chief Capital (O&G) II LLC - 9.4375%
	NMNM 0275360	COPC/COG - 100%
	V0-5755-1	COG - 100%

Working Interest Owner	Unit WI
ConocoPhillips/COG	0.822690074
WR Non-Op LLC (Waterloo)	0.021720466
Chief Capital (O&G) II LLC	0.066934497
Devon Energy Production Company LP	0.088654963

Parties to be pooled

**Working Interest:**

Devon Energy Production Company LP (Record Title VB-1864)  
WR Non-Op LLC (Waterloo)  
Chief Capital (O&G) II LLC

**ORRI Owners:**

Rolla R. Hinkle, III, as his separate property  
Morris E. Schertz, and his wife, Holly K. Schertz  
Fortis Minerals II, LLC  
Chad Barbe, and his wife, Marci Barbe  
Gallus, LLC  
Penasco Petroleum LLC  
Mewbourne Oil Company



Shelley C. Klingler  
Staff Land Negotiator  
600 W. Illinois Ave  
Midland, TX 79701  
O: 432-688-9027  
F: 432-221-0470  
Shelley.c.klingler@conocophillips.com

October 31, 2024

*Via Certified Mail, Return Receipt Requested*

**Chief Capital (O&G) II LLC**  
8111 Westchester Drive, Suite 900  
Dallas, TX 75225  
Attn: Delaware Land, Eddy County

Re: **Bat Bomb Fed Com 401H, 402H, 421H, 422H**  
S2 of Section 30, T23S-R27E and  
All of Section 31, T23S-R27E  
Eddy County, New Mexico

Dear Sir or Madam:

COG Operating LLC ("COG"), as Operator, previously proposed the drilling of TLC 30 Fed Com 701H-704H and TLC 30 Fed Com 801H-804H wells. Please allow this correspondence to rescind and replace all previous well proposals and AFEs and act as a new notice as to the proposed drilling of the following Bat Bomb Fed Com U-Turn wells with productive laterals located in the S2 of Section 30 and All of Section 31, T23S-R27E, Eddy County, New Mexico (collectively, the "Operation").

- **Bat Bomb Fed Com 401H**, to be drilled to a depth sufficient to test the Wolfcamp XY formation at an approximate total vertical depth of 8,900'. The surface location for this well is proposed at a legal location in Lot 1 of Section 31, T23S-R27E, and a bottom hole location at a legal location in Lot 3 of Section 30, T23S-R27E. The dedicated U-Turn spacing unit will be the S2 of Section 30 and All of Section 31, T23S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$9,828,065.54, as shown on the attached Authority for Expenditure ("AFE").
- **Bat Bomb Fed Com 402H**, to be drilled to a depth sufficient to test the Wolfcamp XY formation at an approximate total vertical depth of 8,900'. The surface location for this well is proposed at a legal location in Lot 1 of Section 31, T23S-R27E, and a bottom hole location at a legal location in Lot 3 of Section 31, T23S-R27E. The dedicated U-Turn spacing unit will be the S2 of Section 30 and All of Section 31, T23S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$9,828,065.54, as shown on the attached Authority for Expenditure ("AFE").
- **Bat Bomb Fed Com 421H**, to be drilled to a depth sufficient to test the Wolfcamp A formation at an approximate total vertical depth of 9,050'. The surface location for this well is proposed at a legal location in Lot 1 of Section 31, T23S-R27E, and a bottom hole location at a legal location in Lot 4 of Section 30, T23S-R27E. The dedicated U-Turn spacing unit will be the S2 of Section 30 and All of Section 31, T23S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$9,911,670.12, as shown on the attached Authority for Expenditure ("AFE").

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. C-3  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164

October 31, 2024 –Page 2

Bat Bomb Fed Com – Wolfcamp – Well Proposals

- **Bat Bomb Fed Com 422H**, to be drilled to a depth sufficient to test the Wolfcamp A formation at an approximate total vertical depth of 9,050'. The surface location for this well is proposed at a legal location in Lot 1 of Section 31, T23S-R27E, and a bottom hole location at a legal location in Lot 4 of Section 31, T23S-R27E. The dedicated U-Turn spacing unit will be the S2 of Section 30 and All of Section 31, T23S-R27E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$10,029,234.12, as shown on the attached Authority for Expenditure ("AFE").

The facilities cost will be split by well count with a 4/9 ratio for the Bat Bomb wells. A total cost estimate for the facility is also enclosed for your review.

COG is proposing to drill these wells under the terms of a new Operating Agreement. The basic terms of this agreement will be:

- 1989 Model Form Operating Agreement with Horizontal Modifications
- Effective Date: 12/1/2024
- Initial Well Date: 10/1/2025
- Contract Area: S2 of Section 30 and All of Section 31, T23S-R27E, as to the Wolfcamp formation
- Overhead Rates: \$18000 Drilling / \$1800 Production
- Penalties: 100% / 300% / 300%
- \$200,000 Expenditure Limit

In the interest of time, if we are unable to reach an agreement on these wells within 30 days of the date of this letter, COG will apply to amend NMOCD compulsory pooling order number R-22859 to reflect our updated wellbore orientation and placement.

Please indicate your participation elections in the space provided below, sign and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to [shelley.c.klingler@conocophillips.com](mailto:shelley.c.klingler@conocophillips.com). Should you have any questions, please do not hesitate to contact me.

Sincerely,

**COG Operating LLC**



Shelley C. Klingler  
Staff Land Negotiator

October 31, 2024 –Page 3  
Bat Bomb Fed Com – Wolfcamp – Well Proposals

Please Indicate your election below:

<b>WELL NAME</b>	<b>PARTICIPATE</b> Elect to participate in drilling & completion of well	<b>DO NOT PARTICIPATE</b> Elect <b>NOT</b> to participate in drilling & completion of well
<b>Bat Bomb Fed Com 401H</b>		
<b>Bat Bomb Fed Com 402H</b>		
<b>Bat Bomb Fed Com 421H</b>		
<b>Bat Bomb Fed Com 422H</b>		

**Chief Capital (O&G) II LLC**

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

### Project Cost Summary

This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.



Well Name	Bat Bomb Fed Com 401H
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Eddy - 015
Authorization Number	

INTANGIBLE					
Sub Acct	Sub Acct Name	1535 Drilling	1536 Completion	1536 Production	Total
100	Legal & Title Opinion	\$ 18,000.00	\$ -	\$ -	\$ 18,000.00
101	Staking & Permitting	\$ 8,973.00	\$ -	\$ -	\$ 8,973.00
102	Locatn Roads Damages Frac Pits	\$ 247,500.00	\$ 6,250.00	\$ 5,000.00	\$ 258,750.00
103	Rig Mobilization	\$ 87,500.00	\$ -	\$ 3,500.00	\$ 91,000.00
104	Rig Daywork	\$ 921,743.00	\$ -	\$ 30,000.00	\$ 951,743.00
105	Rig Footage/Turnkey	\$ -	\$ -	\$ -	\$ -
106	Power & Fuel	\$ 219,843.00	\$ 566,489.80	\$ 5,000.00	\$ 791,332.80
107	Water & Water Well Equip	\$ 84,400.00	\$ 17,091.52	\$ -	\$ 101,491.52
108	Mud Chemicals & Fluids	\$ 241,885.00	\$ 12,500.00	\$ -	\$ 254,385.00
109	Mud Cuttings & Water Disposal	\$ 108,780.00	\$ 20,000.00	\$ 7,500.00	\$ 136,280.00
110	BHA-Bits, Reamers, Stabilizers	\$ 105,550.00	\$ 118,000.00	\$ -	\$ 223,550.00
111	Directional Services	\$ 309,475.00	\$ -	\$ -	\$ 309,475.00
112	Cement & Cementing Services	\$ 181,031.00	\$ -	\$ -	\$ 181,031.00
113	Mud Logging	\$ -	\$ -	\$ -	\$ -
114	Logging-Form Evaluation	\$ 15,200.00	\$ 7,500.00	\$ -	\$ 22,700.00
115	Form Eval - Well Testing DST	\$ -	\$ -	\$ -	\$ -
116	Pipe & Tubular Inspection	\$ 30,000.00	\$ 39,265.00	\$ 5,000.00	\$ 74,265.00
118	Perforating & Svs	\$ -	\$ 320,950.00	\$ -	\$ 320,950.00
119	Frac Tanks	\$ -	\$ 73,000.00	\$ 7,000.00	\$ 80,000.00
120	Csg Crews & Tools-Drive Hammer	\$ 88,500.00	\$ -	\$ -	\$ 88,500.00
121	Formation Evaluation	\$ -	\$ -	\$ -	\$ -
122	Stimulation Frac	\$ -	\$ 2,041,271.69	\$ -	\$ 2,041,271.69
123	Transportation & Gathering	\$ 38,050.00	\$ 30,000.00	\$ 10,000.00	\$ 78,050.00
124	Flowback and Testing	\$ -	\$ 66,500.00	\$ 150,000.00	\$ 216,500.00
125	Pumpdown & Kill Trucks	\$ -	\$ 63,000.00	\$ -	\$ 63,000.00
126	Surface Equipment Rental	\$ 427,671.00	\$ 55,000.00	\$ 10,000.00	\$ 492,671.00
127	Contract Labor & Services	\$ 58,550.00	\$ 30,000.00	\$ 10,000.00	\$ 98,550.00
128	Wellsite Consultant	\$ 177,390.00	\$ 101,850.00	\$ 4,200.00	\$ 283,440.00
129	Co Employee Supervision/Labor	\$ 79,100.00	\$ 19,500.00	\$ 2,000.00	\$ 100,600.00
130	Overhead	\$ -	\$ -	\$ -	\$ -
131	Remedial Ops & Fishing	\$ -	\$ -	\$ -	\$ -
132	Environmental & Safety Costs	\$ 4,036.00	\$ 6,000.00	\$ 2,500.00	\$ 12,536.00
133	Insurance	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
134	Other Specialized Services	\$ -	\$ -	\$ -	\$ -
135	Misc Supplies & Materials	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00
136	Rental Equipment Damages	\$ -	\$ -	\$ -	\$ -
137	Coil Tubing Services	\$ -	\$ -	\$ -	\$ -
138	Frac Stack	\$ -	\$ 121,000.00	\$ -	\$ 121,000.00
139	Snubbing Operations	\$ -	\$ 126,000.00	\$ -	\$ 126,000.00
170	Water Transfer	\$ -	\$ 105,000.00	\$ -	\$ 105,000.00
171	Nitrogen	\$ -	\$ -	\$ -	\$ -
172	Recycled Water	\$ -	\$ 391,741.07	\$ 10,000.00	\$ 401,741.07
199	Contingency	\$ 172,960.00	\$ 216,895.45	\$ 13,085.00	\$ 402,940.45
	<b>Intangible Subtotal</b>	<b>\$ 3,684,137.00</b>	<b>\$ 4,554,804.54</b>	<b>\$ 274,785.00</b>	<b>\$ 8,513,726.54</b>
TANGIBLE					
Sub Acct	Sub Acct Name	1538 Drilling	1539 Completion	1539 Production	Total
132	Environmental & Safety Costs				\$ -
135	Misc Supplies & Materials				\$ -
199	Contingency				\$ -
200	Conductor Casing	\$ 7,000.00			\$ 7,000.00
201	Surface Casing	\$ 37,431.00			\$ 37,431.00
202	Intermediate Casing	\$ 370,053.00			\$ 370,053.00
203	Liner Casing	\$ -			\$ -
204	Subs Flt Eqpt Centralizers Etc	\$ 59,282.00			\$ 59,282.00
205	Wellhead / Tree	\$ 50,000.00	\$ 35,000.00	\$ 40,000.00	\$ 125,000.00
206	Sub Surface Equipment	\$ 26,000.00	\$ -	\$ 45,000.00	\$ 71,000.00
207	Production Casing	\$ 524,573.00	\$ -	\$ -	\$ 524,573.00
208	Tubing		\$ -	\$ 120,000.00	\$ 120,000.00
209	Rods				\$ -
210	Downhole Pumps				\$ -
213	Pumping Unit				\$ -
214	Engines & Motors				\$ -
216	Separation Equipment				\$ -
217	Oil Treating Heating Equipment				\$ -
218	Gas Scrubbers & Dehy Eqpmt				\$ -
219	Tanks Walkways & Stairs				\$ -
220	Purchaser Meters & Meter Runs				\$ -
221	Electrical Equip Install				\$ -
222	Flowlines-Sales,SWD,Gathering				\$ -
223	Piping & Valves				\$ -
224	Pumps - Water, Chem, Oil				\$ -
225	Automation Telemetry Equipment				\$ -
226	Locations,Roads,Fences,Repairs				\$ -
227	Facility Construct & Install				\$ -
228	Co Employee Supervision/Labor				\$ -
	<b>Tangible Subtotal</b>	<b>\$ 1,074,339.00</b>	<b>\$ 35,000.00</b>	<b>\$ 205,000.00</b>	<b>\$ 1,314,339.00</b>
	<b>Total AFE Costs</b>	<b>\$ 4,758,476.00</b>	<b>\$ 4,589,804.54</b>	<b>\$ 479,785.00</b>	<b>\$ 9,828,065.54</b>

Prepared/Approved by:		DATE:	
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### Project Cost Summary

This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.



Well Name	Bat Bomb Fed Com 402H
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Eddy - 015
Authorization Number	

INTANGIBLE					
Sub Acct	Sub Acct Name	1535 Drilling	1536 Completion	1536 Production	Total
100	Legal & Title Opinion	\$ 18,000.00	\$ -	\$ -	\$ 18,000.00
101	Staking & Permitting	\$ 8,973.00	\$ -	\$ -	\$ 8,973.00
102	Locatn Roads Damages Frac Pits	\$ 247,500.00	\$ 6,250.00	\$ 5,000.00	\$ 258,750.00
103	Rig Mobilization	\$ 87,500.00	\$ -	\$ 3,500.00	\$ 91,000.00
104	Rig Daywork	\$ 921,743.00	\$ -	\$ 30,000.00	\$ 951,743.00
105	Rig Footage/Turnkey	\$ -	\$ -	\$ -	\$ -
106	Power & Fuel	\$ 219,843.00	\$ 566,489.80	\$ 5,000.00	\$ 791,332.80
107	Water & Water Well Equip	\$ 84,400.00	\$ 17,091.52	\$ -	\$ 101,491.52
108	Mud Chemicals & Fluids	\$ 241,885.00	\$ 12,500.00	\$ -	\$ 254,385.00
109	Mud Cuttings & Water Disposal	\$ 108,780.00	\$ 20,000.00	\$ 7,500.00	\$ 136,280.00
110	BHA-Bits, Reamers, Stabilizers	\$ 105,550.00	\$ 118,000.00	\$ -	\$ 223,550.00
111	Directional Services	\$ 309,475.00	\$ -	\$ -	\$ 309,475.00
112	Cement & Cementing Services	\$ 181,031.00	\$ -	\$ -	\$ 181,031.00
113	Mud Logging	\$ -	\$ -	\$ -	\$ -
114	Logging-Form Evaluation	\$ 15,200.00	\$ 7,500.00	\$ -	\$ 22,700.00
115	Form Eval - Well Testing DST	\$ -	\$ -	\$ -	\$ -
116	Pipe & Tubular Inspection	\$ 30,000.00	\$ 39,265.00	\$ 5,000.00	\$ 74,265.00
118	Perforating & Svs	\$ -	\$ 320,950.00	\$ -	\$ 320,950.00
119	Frac Tanks	\$ -	\$ 73,000.00	\$ 7,000.00	\$ 80,000.00
120	Csg Crews & Tools-Drive Hammer	\$ 88,500.00	\$ -	\$ -	\$ 88,500.00
121	Formation Evaluation	\$ -	\$ -	\$ -	\$ -
122	Stimulation Frac	\$ -	\$ 2,041,271.69	\$ -	\$ 2,041,271.69
123	Transportation & Gathering	\$ 38,050.00	\$ 30,000.00	\$ 10,000.00	\$ 78,050.00
124	Flowback and Testing	\$ -	\$ 66,500.00	\$ 150,000.00	\$ 216,500.00
125	Pumpdown & Kill Trucks	\$ -	\$ 63,000.00	\$ -	\$ 63,000.00
126	Surface Equipment Rental	\$ 427,671.00	\$ 55,000.00	\$ 10,000.00	\$ 492,671.00
127	Contract Labor & Services	\$ 58,550.00	\$ 30,000.00	\$ 10,000.00	\$ 98,550.00
128	Wellsite Consultant	\$ 177,390.00	\$ 101,850.00	\$ 4,200.00	\$ 283,440.00
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132	Environmental & Safety Costs	\$ 4,036.00	\$ 6,000.00	\$ 2,500.00	\$ 12,536.00
133	Insurance	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
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135	Misc Supplies & Materials	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00
136	Rental Equipment Damages	\$ -	\$ -	\$ -	\$ -
137	Coil Tubing Services	\$ -	\$ -	\$ -	\$ -
138	Frac Stack	\$ -	\$ 121,000.00	\$ -	\$ 121,000.00
139	Snubbing Operations	\$ -	\$ 126,000.00	\$ -	\$ 126,000.00
170	Water Transfer	\$ -	\$ 105,000.00	\$ -	\$ 105,000.00
171	Nitrogen	\$ -	\$ -	\$ -	\$ -
172	Recycled Water	\$ -	\$ 391,741.07	\$ 10,000.00	\$ 401,741.07
199	Contingency	\$ 172,960.00	\$ 216,895.45	\$ 13,085.00	\$ 402,940.45
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TANGIBLE					
Sub Acct	Sub Acct Name	1538 Drilling	1539 Completion	1539 Production	Total
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135	Misc Supplies & Materials				\$ -
199	Contingency				\$ -
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208	Tubing		\$ -	\$ 120,000.00	\$ 120,000.00
209	Rods				\$ -
210	Downhole Pumps				\$ -
213	Pumping Unit				\$ -
214	Engines & Motors				\$ -
216	Separation Equipment				\$ -
217	Oil Treating Heating Equipment				\$ -
218	Gas Scrubbers & Dehy Eqpmt				\$ -
219	Tanks Walkways & Stairs				\$ -
220	Purchaser Meters & Meter Runs				\$ -
221	Electrical Equip Install				\$ -
222	Flowlines-Sales,SWD,Gathering				\$ -
223	Piping & Valves				\$ -
224	Pumps - Water, Chem, Oil				\$ -
225	Automation Telemetry Equipment				\$ -
226	Locations,Roads,Fences,Repairs				\$ -
227	Facility Construct & Install				\$ -
228	Co Employee Supervision/Labor				\$ -
	<b>Tangible Subtotal</b>	<b>\$ 1,074,339.00</b>	<b>\$ 35,000.00</b>	<b>\$ 205,000.00</b>	<b>\$ 1,314,339.00</b>
	<b>Total AFE Costs</b>	<b>\$ 4,758,476.00</b>	<b>\$ 4,589,804.54</b>	<b>\$ 479,785.00</b>	<b>\$ 9,828,065.54</b>

Prepared/Approved by:		DATE:	
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### Project Cost Summary

This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.



Well Name	Bat Bomb Fed Com 421H
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Eddy - 015
Authorization Number	

INTANGIBLE					
Sub Acct	Sub Acct Name	1535 Drilling	1536 Completion	1536 Production	Total
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101	Staking & Permitting	\$ 8,973.00	\$ -	\$ -	\$ 8,973.00
102	Locatn Roads Damages Frac Pits	\$ 247,500.00	\$ 6,250.00	\$ 5,000.00	\$ 258,750.00
103	Rig Mobilization	\$ 87,500.00	\$ -	\$ 3,500.00	\$ 91,000.00
104	Rig Daywork	\$ 925,217.00	\$ -	\$ 30,000.00	\$ 955,217.00
105	Rig Footage/Turnkey	\$ -	\$ -	\$ -	\$ -
106	Power & Fuel	\$ 220,108.00	\$ 577,867.60	\$ 5,000.00	\$ 802,975.60
107	Water & Water Well Equip	\$ 84,400.00	\$ 17,091.52	\$ -	\$ 101,491.52
108	Mud Chemicals & Fluids	\$ 241,585.00	\$ 12,500.00	\$ -	\$ 254,085.00
109	Mud Cuttings & Water Disposal	\$ 108,780.00	\$ 20,000.00	\$ 7,500.00	\$ 136,280.00
110	BHA-Bits, Reamers, Stabilizers	\$ 105,550.00	\$ 118,000.00	\$ -	\$ 223,550.00
111	Directional Services	\$ 309,875.00	\$ -	\$ -	\$ 309,875.00
112	Cement & Cementing Services	\$ 181,164.00	\$ -	\$ -	\$ 181,164.00
113	Mud Logging	\$ -	\$ -	\$ -	\$ -
114	Logging-Form Evaluation	\$ 15,200.00	\$ 7,500.00	\$ -	\$ 22,700.00
115	Form Eval - Well Testing DST	\$ -	\$ -	\$ -	\$ -
116	Pipe & Tubular Inspection	\$ 30,000.00	\$ 39,265.00	\$ 5,000.00	\$ 74,265.00
118	Perforating & Svs	\$ -	\$ 320,950.00	\$ -	\$ 320,950.00
119	Frac Tanks	\$ -	\$ 73,000.00	\$ 7,000.00	\$ 80,000.00
120	Csg Crews & Tools-Drive Hammer	\$ 88,500.00	\$ -	\$ -	\$ 88,500.00
121	Formation Evaluation	\$ -	\$ -	\$ -	\$ -
122	Stimulation Frac	\$ -	\$ 2,079,492.70	\$ -	\$ 2,079,492.70
123	Transportation & Gathering	\$ 38,150.00	\$ 30,000.00	\$ 10,000.00	\$ 78,150.00
124	Flowback and Testing	\$ -	\$ 66,500.00	\$ 150,000.00	\$ 216,500.00
125	Pumpdown & Kill Trucks	\$ -	\$ 63,000.00	\$ -	\$ 63,000.00
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127	Contract Labor & Services	\$ 65,050.00	\$ 30,000.00	\$ 10,000.00	\$ 105,050.00
128	Wellsite Consultant	\$ 177,920.00	\$ 101,850.00	\$ 4,200.00	\$ 283,970.00
129	Co Employee Supervision/Labor	\$ 79,300.00	\$ 19,500.00	\$ 2,000.00	\$ 100,800.00
130	Overhead	\$ -	\$ -	\$ -	\$ -
131	Remedial Ops & Fishing	\$ -	\$ -	\$ -	\$ -
132	Environmental & Safety Costs	\$ 4,044.00	\$ 6,000.00	\$ 2,500.00	\$ 12,544.00
133	Insurance	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
134	Other Specialized Services	\$ -	\$ -	\$ -	\$ -
135	Misc Supplies & Materials	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00
136	Rental Equipment Damages	\$ -	\$ -	\$ -	\$ -
137	Coil Tubing Services	\$ -	\$ -	\$ -	\$ -
138	Frac Stack	\$ -	\$ 121,000.00	\$ -	\$ 121,000.00
139	Snubbing Operations	\$ -	\$ 126,000.00	\$ -	\$ 126,000.00
170	Water Transfer	\$ -	\$ 105,000.00	\$ -	\$ 105,000.00
171	Nitrogen	\$ -	\$ -	\$ -	\$ -
172	Recycled Water	\$ -	\$ 408,773.29	\$ 10,000.00	\$ 418,773.29
199	Contingency	\$ 173,576.00	\$ 220,227.01	\$ 13,085.00	\$ 406,888.01
	<b>Intangible Subtotal</b>	<b>\$ 3,697,071.00</b>	<b>\$ 4,624,767.12</b>	<b>\$ 274,785.00</b>	<b>\$ 8,596,623.12</b>
TANGIBLE					
Sub Acct	Sub Acct Name	1538 Drilling	1539 Completion	1539 Production	Total
132	Environmental & Safety Costs				\$ -
135	Misc Supplies & Materials				\$ -
199	Contingency				\$ -
200	Conductor Casing	\$ 7,000.00			\$ 7,000.00
201	Surface Casing	\$ 37,431.00			\$ 37,431.00
202	Intermediate Casing	\$ 370,930.00			\$ 370,930.00
203	Liner Casing	\$ -			\$ -
204	Subs Flt Eqpt Centralizers Etc	\$ 59,287.00			\$ 59,287.00
205	Wellhead / Tree	\$ 50,000.00	\$ 35,000.00	\$ 40,000.00	\$ 125,000.00
206	Sub Surface Equipment	\$ 26,000.00	\$ -	\$ 45,000.00	\$ 71,000.00
207	Production Casing	\$ 524,399.00	\$ -	\$ -	\$ 524,399.00
208	Tubing		\$ -	\$ 120,000.00	\$ 120,000.00
209	Rods				\$ -
210	Downhole Pumps				\$ -
213	Pumping Unit				\$ -
214	Engines & Motors				\$ -
216	Separation Equipment				\$ -
217	Oil Treating Heating Equipment				\$ -
218	Gas Scrubbers & Dehy Eqpmt				\$ -
219	Tanks Walkways & Stairs				\$ -
220	Purchaser Meters & Meter Runs				\$ -
221	Electrical Equip Install				\$ -
222	Flowlines-Sales,SWD,Gathering				\$ -
223	Piping & Valves				\$ -
224	Pumps - Water, Chem, Oil				\$ -
225	Automation Telemetry Equipment				\$ -
226	Locations,Roads,Fences,Repairs				\$ -
227	Facility Construct & Install				\$ -
228	Co Employee Supervision/Labor				\$ -
	<b>Tangible Subtotal</b>	<b>\$ 1,075,047.00</b>	<b>\$ 35,000.00</b>	<b>\$ 205,000.00</b>	<b>\$ 1,315,047.00</b>
	<b>Total AFE Costs</b>	<b>\$ 4,772,118.00</b>	<b>\$ 4,659,767.12</b>	<b>\$ 479,785.00</b>	<b>\$ 9,911,670.12</b>

Prepared/Approved by:		DATE:	
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### Project Cost Summary

This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.



Well Name	Bat Bomb Fed Com 422H
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Eddy - 015
Authorization Number	

INTANGIBLE					
Sub Acct	Sub Acct Name	1535 Drilling	1536 Completion	1536 Production	Total
100	Legal & Title Opinion	\$ 18,000.00	\$ -	\$ -	\$ 18,000.00
101	Staking & Permitting	\$ 8,973.00	\$ -	\$ -	\$ 8,973.00
102	Locatn Roads Damages Frac Pits	\$ 247,500.00	\$ 6,250.00	\$ 5,000.00	\$ 258,750.00
103	Rig Mobilization	\$ 87,500.00	\$ -	\$ 3,500.00	\$ 91,000.00
104	Rig Daywork	\$ 990,547.00	\$ -	\$ 30,000.00	\$ 1,020,547.00
105	Rig Footage/Turnkey	\$ -	\$ -	\$ -	\$ -
106	Power & Fuel	\$ 224,206.00	\$ 577,867.60	\$ 5,000.00	\$ 807,073.60
107	Water & Water Well Equip	\$ 84,400.00	\$ 17,091.52	\$ -	\$ 101,491.52
108	Mud Chemicals & Fluids	\$ 240,793.00	\$ 12,500.00	\$ -	\$ 253,293.00
109	Mud Cuttings & Water Disposal	\$ 108,780.00	\$ 20,000.00	\$ 7,500.00	\$ 136,280.00
110	BHA-Bits, Reamers, Stabilizers	\$ 105,550.00	\$ 118,000.00	\$ -	\$ 223,550.00
111	Directional Services	\$ 313,325.00	\$ -	\$ -	\$ 313,325.00
112	Cement & Cementing Services	\$ 182,748.00	\$ -	\$ -	\$ 182,748.00
113	Mud Logging	\$ -	\$ -	\$ -	\$ -
114	Logging-Form Evaluation	\$ 15,200.00	\$ 7,500.00	\$ -	\$ 22,700.00
115	Form Eval - Well Testing DST	\$ -	\$ -	\$ -	\$ -
116	Pipe & Tubular Inspection	\$ 30,000.00	\$ 39,265.00	\$ 5,000.00	\$ 74,265.00
118	Perforating & Svs	\$ -	\$ 320,950.00	\$ -	\$ 320,950.00
119	Frac Tanks	\$ -	\$ 73,000.00	\$ 7,000.00	\$ 80,000.00
120	Csg Crews & Tools-Drive Hammer	\$ 88,500.00	\$ -	\$ -	\$ 88,500.00
121	Formation Evaluation	\$ -	\$ -	\$ -	\$ -
122	Stimulation Frac	\$ -	\$ 2,079,492.70	\$ -	\$ 2,079,492.70
123	Transportation & Gathering	\$ 40,300.00	\$ 30,000.00	\$ 10,000.00	\$ 80,300.00
124	Flowback and Testing	\$ -	\$ 66,500.00	\$ 150,000.00	\$ 216,500.00
125	Pumpdown & Kill Trucks	\$ -	\$ 63,000.00	\$ -	\$ 63,000.00
126	Surface Equipment Rental	\$ 439,725.00	\$ 55,000.00	\$ 10,000.00	\$ 504,725.00
127	Contract Labor & Services	\$ 65,050.00	\$ 30,000.00	\$ 10,000.00	\$ 105,050.00
128	Wellsite Consultant	\$ 189,315.00	\$ 101,850.00	\$ 4,200.00	\$ 295,365.00
129	Co Employee Supervision/Labor	\$ 83,600.00	\$ 19,500.00	\$ 2,000.00	\$ 105,100.00
130	Overhead	\$ -	\$ -	\$ -	\$ -
131	Remedial Ops & Fishing	\$ -	\$ -	\$ -	\$ -
132	Environmental & Safety Costs	\$ 5,600.00	\$ 6,000.00	\$ 2,500.00	\$ 14,100.00
133	Insurance	\$ 25,000.00	\$ -	\$ -	\$ 25,000.00
134	Other Specialized Services	\$ -	\$ -	\$ -	\$ -
135	Misc Supplies & Materials	\$ 33,000.00	\$ -	\$ -	\$ 33,000.00
136	Rental Equipment Damages	\$ -	\$ -	\$ -	\$ -
137	Coil Tubing Services	\$ -	\$ -	\$ -	\$ -
138	Frac Stack	\$ -	\$ 121,000.00	\$ -	\$ 121,000.00
139	Snubbing Operations	\$ -	\$ 126,000.00	\$ -	\$ 126,000.00
170	Water Transfer	\$ -	\$ 105,000.00	\$ -	\$ 105,000.00
171	Nitrogen	\$ -	\$ -	\$ -	\$ -
172	Recycled Water	\$ -	\$ 408,773.29	\$ 10,000.00	\$ 418,773.29
199	Contingency	\$ 178,783.00	\$ 220,227.01	\$ 13,085.00	\$ 412,095.01
	<b>Intangible Subtotal</b>	<b>\$ 3,806,395.00</b>	<b>\$ 4,624,767.12</b>	<b>\$ 274,785.00</b>	<b>\$ 8,705,947.12</b>
TANGIBLE					
Sub Acct	Sub Acct Name	1538 Drilling	1539 Completion	1539 Production	Total
132	Environmental & Safety Costs				\$ -
135	Misc Supplies & Materials				\$ -
199	Contingency				\$ -
200	Conductor Casing	\$ 7,000.00			\$ 7,000.00
201	Surface Casing	\$ 37,431.00			\$ 37,431.00
202	Intermediate Casing	\$ 377,738.00			\$ 377,738.00
203	Liner Casing	\$ -			\$ -
204	Subs Flt Eqpt Centralizers Etc	\$ 59,325.00			\$ 59,325.00
205	Wellhead / Tree	\$ 50,000.00	\$ 35,000.00	\$ 40,000.00	\$ 125,000.00
206	Sub Surface Equipment	\$ 26,000.00	\$ -	\$ 45,000.00	\$ 71,000.00
207	Production Casing	\$ 525,793.00	\$ -	\$ -	\$ 525,793.00
208	Tubing		\$ -	\$ 120,000.00	\$ 120,000.00
209	Rods				\$ -
210	Downhole Pumps				\$ -
213	Pumping Unit				\$ -
214	Engines & Motors				\$ -
216	Separation Equipment				\$ -
217	Oil Treating Heating Equipment				\$ -
218	Gas Scrubbers & Dehy Eqpmt				\$ -
219	Tanks Walkways & Stairs				\$ -
220	Purchaser Meters & Meter Runs				\$ -
221	Electrical Equip Install				\$ -
222	Flowlines-Sales,SWD,Gathering				\$ -
223	Piping & Valves				\$ -
224	Pumps - Water, Chem, Oil				\$ -
225	Automation Telemetry Equipment				\$ -
226	Locations,Roads,Fences,Repairs				\$ -
227	Facility Construct & Install				\$ -
228	Co Employee Supervision/Labor				\$ -
	<b>Tangible Subtotal</b>	<b>\$ 1,083,287.00</b>	<b>\$ 35,000.00</b>	<b>\$ 205,000.00</b>	<b>\$ 1,323,287.00</b>
	<b>Total AFE Costs</b>	<b>\$ 4,889,682.00</b>	<b>\$ 4,659,767.12</b>	<b>\$ 479,785.00</b>	<b>\$ 10,029,234.12</b>

Prepared/Approved by:		DATE:	
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### Project Cost Summary

This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.



Well Name	Bat Bomb Fed Com Facility
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Eddy - 015
Authorization Number	

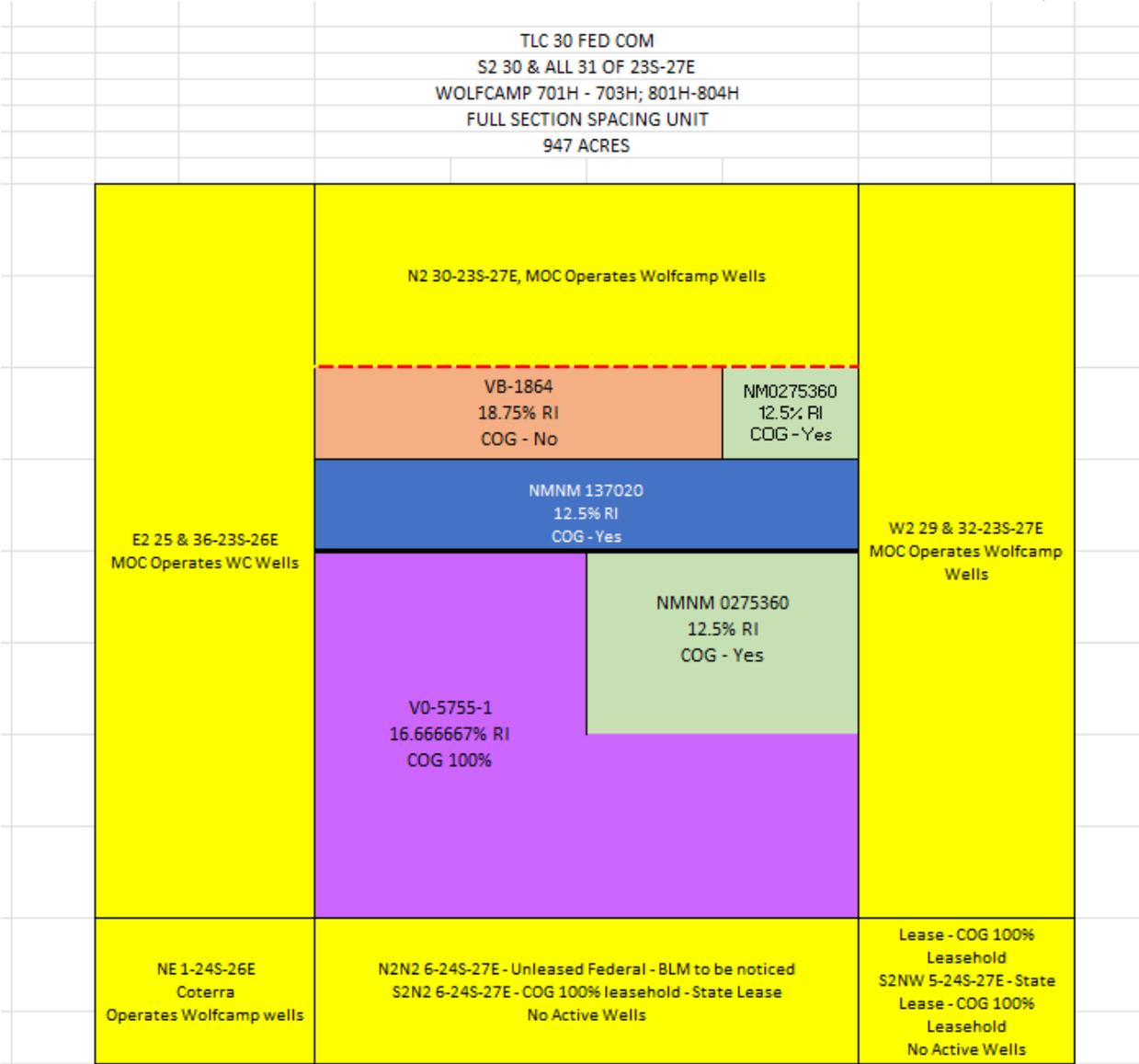
INTANGIBLE					
Sub Acct	Description	8305 Drilling	8306 Completion	8320 Facilities	Total
100	Legal & Title Opinion				\$ -
101	Staking & Permitting				\$ -
102	Locatn Roads Damages Frac Pits			\$ 577,000.00	\$ 577,000.00
103	Rig Mobilization			\$ -	\$ -
104	Rig Daywork			\$ -	\$ -
105	Rig Footage/Turnkey			\$ -	\$ -
106	Power & Fuel			\$ -	\$ -
107	Water & Water Well Equip			\$ -	\$ -
108	Mud Chemicals & Fluids			\$ -	\$ -
109	Mud Cuttings & Water Disposal			\$ -	\$ -
110	BHA-Bits, Reamers, Stabilizers			\$ -	\$ -
111	Directional Services			\$ -	\$ -
112	Cement & Cementing Services			\$ -	\$ -
113	Mud Logging			\$ -	\$ -
114	Logging-Form Evaluation			\$ -	\$ -
115	Form Eval - Well Testing DST			\$ -	\$ -
116	Pipe & Tubular Inspection			\$ -	\$ -
118	Perforating & Svs			\$ -	\$ -
119	Frac Tanks			\$ -	\$ -
120	Csg Crews & Tools-Drive Hammer			\$ -	\$ -
121	Formation Evaluation			\$ -	\$ -
122	Stimulation Frac			\$ -	\$ -
123	Transportation & Gathering			\$ -	\$ -
124	Flowback and Testing			\$ -	\$ -
125	Pumpdown & Kill Trucks			\$ -	\$ -
126	Surface Equipment Rental			\$ 170,440.50	\$ 170,440.50
127	Contract Labor & Services			\$ 792,098.89	\$ 792,098.89
128	Wellsite Consultant			\$ -	\$ -
129	Co Employee Supervision/Labor			\$ -	\$ -
130	Overhead			\$ -	\$ -
131	Remedial Ops & Fishing			\$ -	\$ -
132	Environmental & Safety Costs			\$ -	\$ -
133	Insurance			\$ -	\$ -
134	Other Specialized Services			\$ 112,258.00	\$ 112,258.00
135	Misc Supplies & Materials			\$ -	\$ -
136	Rental Equipment Damages			\$ -	\$ -
137	Coil Tubing Services			\$ -	\$ -
138	Frac Stack			\$ -	\$ -
139	Snubbing Operations			\$ -	\$ -
170	Water Transfer			\$ -	\$ -
171	Nitrogen			\$ -	\$ -
199	Contingency			\$ -	\$ -
	<b>Intangible Subtotal</b>	\$ -	\$ -	\$ 1,651,797.39	\$ 1,651,797.39
TANGIBLE					
Sub Acct	Tangible Costs	8308 Drilling	8309 Completion	8311 Facilities	Total
101	Staking & Permitting			\$ -	\$ -
132	Environmental & Safety Costs			\$ 391,910.48	\$ 391,910.48
135	Misc Supplies & Materials			\$ 51,337.50	\$ 51,337.50
199	Contingency			\$ 526,087.53	\$ 526,087.53
200	Conductor Casing			\$ -	\$ -
201	Surface Casing			\$ -	\$ -
202	Intermediate Casing			\$ -	\$ -
203	Liner Casing			\$ -	\$ -
204	Subs Flt Eqpt Centralizers Etc			\$ -	\$ -
205	Wellhead / Tree			\$ -	\$ -
206	Sub Surface Equipment			\$ -	\$ -
207	Production Casing			\$ -	\$ -
208	Tubing			\$ -	\$ -
209	Rods			\$ -	\$ -
210	Downhole Pumps			\$ -	\$ -
213	Pumping Unit			\$ -	\$ -
214	Engines & Motors			\$ -	\$ -
216	Separation Equipment			\$ 249,999.75	\$ 249,999.75
217	Oil Treating Heating Equipment			\$ 258,877.90	\$ 258,877.90
218	Gas Scrubbers & Dehy Eqpmt			\$ 99,145.20	\$ 99,145.20
219	Tanks Walkways & Stairs			\$ 796,210.40	\$ 796,210.40
220	Purchaser Meters & Meter Runs			\$ 503,518.20	\$ 503,518.20
221	Electrical Equip Install			\$ 1,456,239.00	\$ 1,456,239.00
222	Flowlines-Sales,SWD,Gathering			\$ 1,468,900.00	\$ 1,468,900.00
223	Piping & Valves			\$ 1,379,856.00	\$ 1,379,856.00
224	Pumps - Water, Chem, Oil			\$ 116,433.45	\$ 116,433.45
225	Automation Telemetry Equipment			\$ 837,254.00	\$ 837,254.00
226	Locations,Roads,Fences,Repairs			\$ -	\$ -
227	Facility Construct & Install			\$ 1,151,329.00	\$ 1,151,329.00
228	Co Employee Supervision/Labor			\$ 720,778.50	\$ 720,778.50
	<b>Tangible Subtotal</b>	\$ -	\$ -	\$ 10,007,876.91	\$ 10,007,876.91
	<b>Total AFE Costs</b>	\$ -	\$ -	\$ 11,659,674.30	\$ 11,659,674.30

Prepared/Approved by:	DATE:
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Company Name	Date	Type of Communication	Notes
WR Non-Op LLC	4/15/2024	Email	TLC Unit interest
WR Non-Op LLC	4/16/2024	Email	TLC Unit interest/Title
WR Non-Op LLC	4/16/2024	Email	TLC Unit, Trade, Deal
WR Non-Op LLC	4/17/2024	Email	Title, Overlapping well
WR Non-Op LLC	4/18/2024	Email	Conf Agreement
WR Non-Op LLC	4/22/2024	Email	Deal talks
WR Non-Op LLC	5/1/2024	Email	TLC permits
WR Non-Op LLC/Chief Capital (O&G) II LLC	5/16/2024	Email	TLC develop option
Chief Capital (O&G) II LLC	5/16/2024	Email	Conf Agreement
WR Non-Op LLC/Chief Capital (O&G) II LLC	6/12/2024	Email	Title Opinion
WR Non-Op LLC/Chief Capital (O&G) II LLC	6/13/2024	Email	TLC offer; dev plan
WR Non-Op LLC/Chief Capital (O&G) II LLC	6/18/2024	Email	TLC dev option/offer
WR Non-Op LLC/Chief Capital (O&G) II LLC	6/20/2024	Email	Additional dev option
WR Non-Op LLC/Chief Capital (O&G) II LLC	7/30/2024	Email	TLC extension to pooling due to power and takeaway issues
WR Non-Op LLC/Chief Capital (O&G) II LLC	7/30/2024	Email	Permits talks
WR Non-Op LLC/Chief Capital (O&G) II LLC	9/9/2024	Email	Title, plan forward on TLC/Bat Bomb
WR Non-Op LLC/Chief Capital (O&G) II LLC	9/9/2024	Email	Willingness to participate, title details provided
WR Non-Op LLC/Chief Capital (O&G) II LLC	9/24/2024	Email	Interests in unit, operating info
WR Non-Op LLC/Chief Capital (O&G) II LLC	9/24/2024	Email	COP interest, operating questions
WR Non-Op LLC/Chief Capital (O&G) II LLC	9/24/2024	Email	DDOTO snapshots
Chief Capital (O&G) II LLC	10/4/2024	Email	Proposed development by our operating partner
WR Non-Op LLC	10/17/2024	Email	Proposed development by our operating partner
Chief Capital (O&G) II LLC	10/17/2024	Email	Proposed development by our operating partner
WR Non-Op LLC	10/31/2024	Mail	Well Proposal, AFE, OA, delivered 11/12/2024
Chief Capital (O&G) II LLC	10/31/2024	Mail	Well Proposal, AFE, OA, delivered 11/2/2024
Devon Energy Production Co	10/31/2024	Mail	Well Proposal, AFE, OA, delivered 11/2/2024
WR Non-Op LLC	11/5/2024	In person	Proposed development by our operating partner
WR Non-Op LLC/Chief Capital (O&G) II LLC	11/14/2024	Email	Trade option
WR Non-Op LLC/Chief Capital (O&G) II LLC	11/15/2024	Email	Trade talks
WR Non-Op LLC/Chief Capital (O&G) II LLC	12/5/2024	Email	Trade talks, OA for TLC option
Devon Energy Production Co	1/6/2025	Email	Proposed development by our operating partner
Devon Energy Production Co	1/10/2025	Email	Proposed development by our operating partner
WR Non-Op LLC	1/16/2025	Phone	Proposed development by our operating partner
Devon Energy Production Co	1/30/2025	Email	Details of offer
Devon Energy Production Co	1/30/2025	Email	OA discussions
WR Non-Op LLC	2/5/2025	Email	OA vs pooling option
Devon Energy Production Co	2/5/2025	Email	OA discussions

WR Non-Op LLC	2/6/2025	Email	Upcoming hearing exhibits
Devon Energy Production Co	2/10/2025	Email	Hearing and OA discussions with operating partner
Chief Capital (O&G) II LLC	2/20/2025	Phone	Development discussion with our operating partner

	<b>PARTY</b>	<b>ADDRESS</b>	<b>CITY, ST, ZIP</b>
<b>Offsetting</b>	Marshall & Winston	6 Desta Dr Ste 3100	Midland, TX 79705
	Coterra	600 N Marienfeld St	Midland, TX 79701
	Mewbourne	500 W Texas Ave	Midland, TX 79701
	BLM	301 Dinosaur Trl	Santa Fe, NM 87508
	SLO	310 Old Santa Fe Trl	Santa Fe, NM 87501



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

APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING UNIT  
AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.

CASE NO. 25164

SELF-AFFIRMED STATEMENT OF JESSICA PONTIFF

1. My name is Jessica Pontiff. I work for COG Operating LLC (“COG”) as a Geologist. COG is now a wholly-owned subsidiary of ConocoPhillips Company.
2. I have previously testified before the New Mexico Oil Conservation Division (“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 I have conducted a geologic study of the lands in the subject area.
4. COG is targeting the Wolfcamp XY and Wolfcamp A interval of the Wolfcamp formation in this case.
5. **COG Exhibit D-1** is a general locator map showing the location of COG’s proposed spacing unit outlined in red in relation to a nearby landmark, the town of Carlsbad, New Mexico, state and county boundaries. The expanded map shows the approximate wellbore paths of COG’s planned wells targeting the Wolfcamp XY (shown as red dashed lines) and the Wolfcamp A (shown as blue dashed lines). This map also shows existing producers in the surrounding sections that are completed in the Wolfcamp formation with horizontal wells

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. D  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164

completed in the Wolfcamp XY (light purple) and horizontal wells completed in the Wolfcamp A (dark blue).

6. **COG Exhibit D-2** is a subsea structure map that I prepared for the top of the Wolfcamp interval. The contour intervals are 50 feet and data points used to construct the map are indicated as red crosses. The area comprising the proposed spacing unit is outlined in a red line with the approximate wellbore paths of the proposed wells and existing producing wells depicted as described for Exhibit D-1. The structure map shows the targeted formation gently dipping to the east. The structure appears consistent across the proposed spacing unit, and I do not observe any faulting, pinch outs, or other geologic impediments to drilling horizontal wells.

7. **COG Exhibit D-3** also shows a line of cross-section through the proposed horizontal spacing unit from A to A'. I chose the logs from these wells to create the cross-section because they penetrate the targeted interval, are of good quality and have been subjected to petrophysical analysis of the targeted interval. In my opinion, these well logs are representative of the geology in the subject area.

8. **COG Exhibit D-4** is a stratigraphic cross-section that I prepared using the logs from the representative wells shown in Exhibit D-3. Each well on the cross-section contains gamma ray, resistivity, and porosity logs. The target interval for the proposed wells is marked on the cross-section with a red bracket for the Wolfcamp XY wells and a blue bracket for the Wolfcamp A wells. The cross-section demonstrates that the targeted interval is continuous across the proposed spacing unit.

9. Based on published stress data in the project area the anticipated stress orientation across the target intervals approximates NE-SW as such, there is mixed stand up and laydown development in the Wolfcamp formation in sections immediately adjacent to the proposed spacing

unit as illustrated in Exhibits D-1, D-2 and D-3. Recent development to the east is in laydown orientation, and stress data derived from image logs collected within the proposed unit indicates that locally the stress is slightly more favorable to the laydown orientation because it orients the wellbores more near perpendicular to the maximum horizontal stress. Drilling these wells in a laydown U turn fashion allows for more efficiency of lateral length in the laydown orientation than standard horizontal designs would allow in the same orientation.

10. Based on my geologic study, the Wolfcamp formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbore. I have not identified any geologic impediments to drilling horizontal wells in the area of the spacing unit proposed.

11. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving COG's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

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

13. 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.



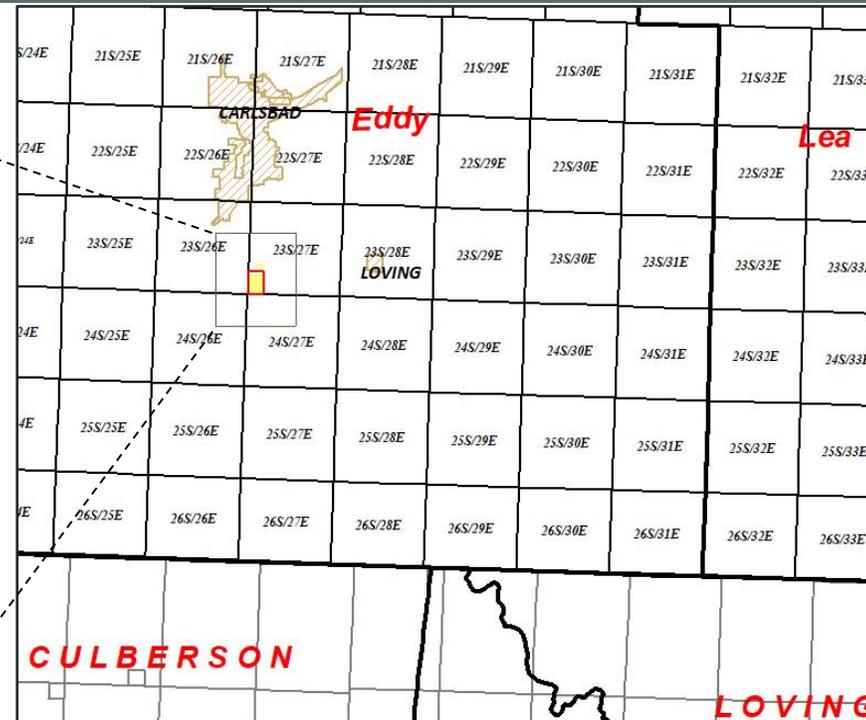
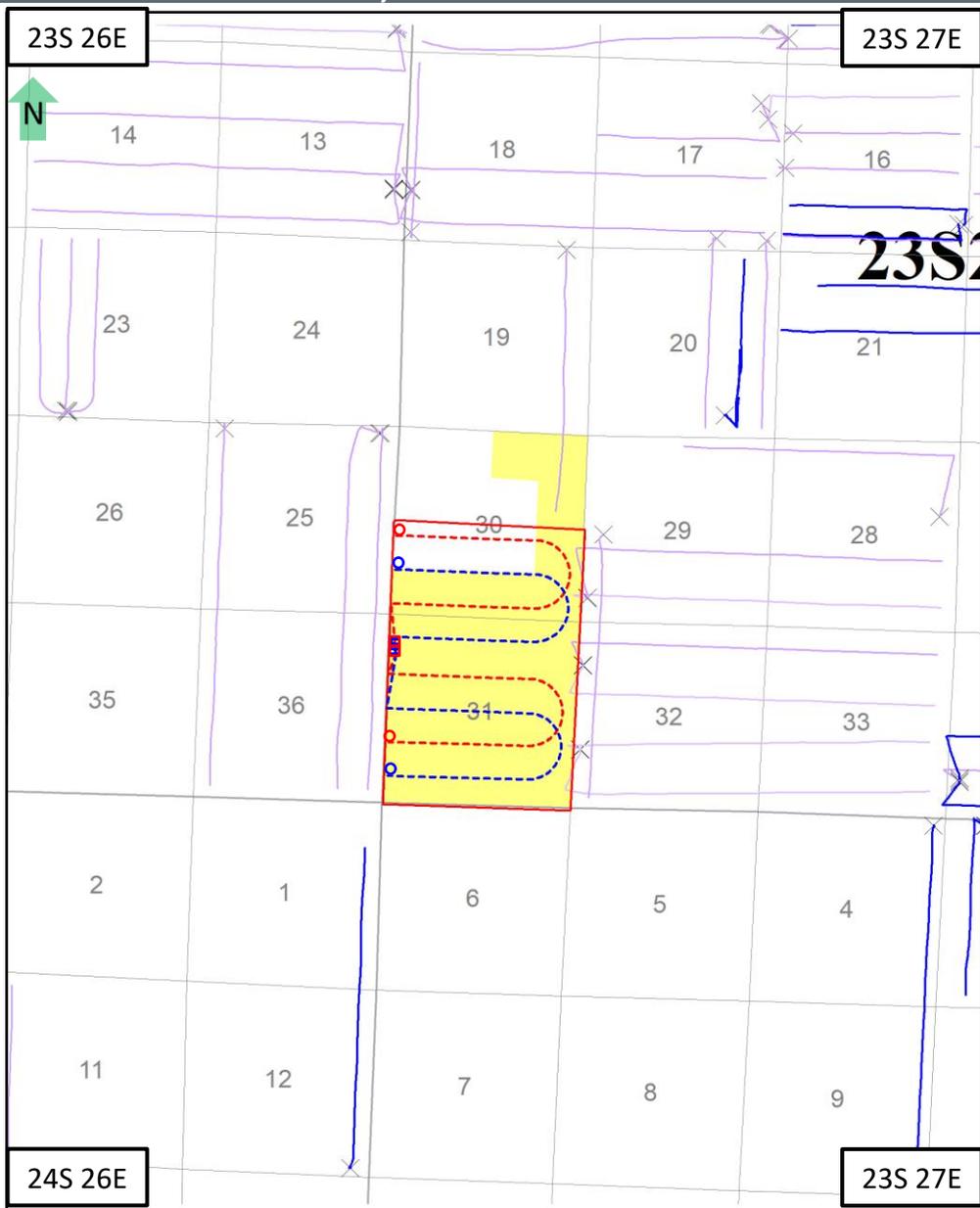
Jessica Pontiff

2-6-2025

Date

# Rat Bomb Fed Com - Wolfcamp (WFMP) Location Map:

## WFMP XY 401H, 402H and WFMP A 421H, 422H



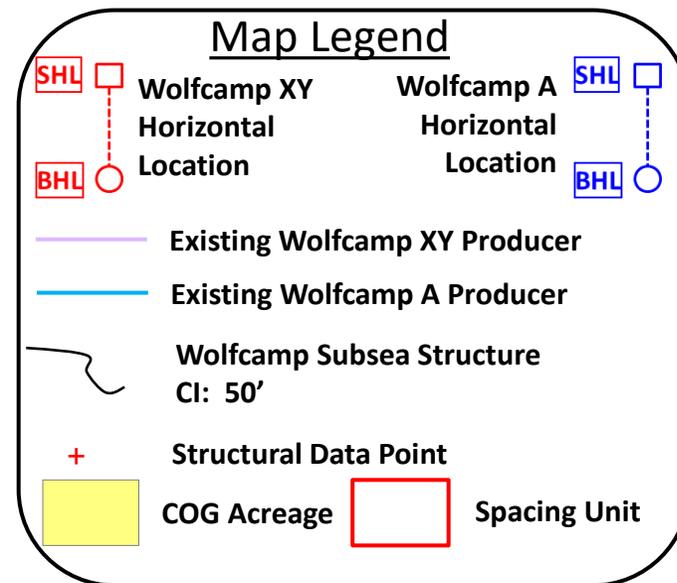
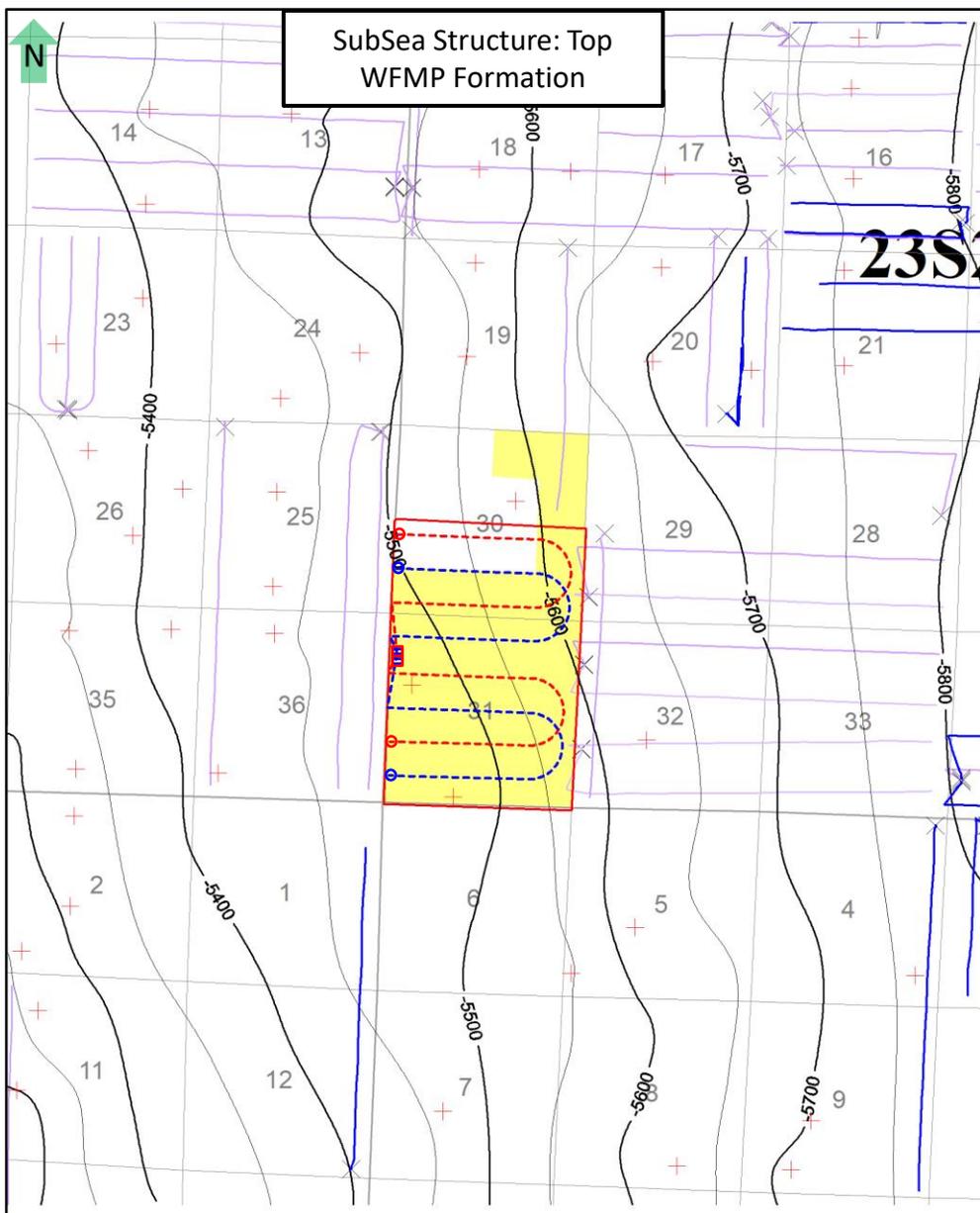
### Map Legend

SHL	Wolfcamp XY	SHL	Wolfcamp A
BHL	Horizontal Location	BHL	Horizontal Location
	Existing Wolfcamp Upper/XY		
	Existing Wolfcamp A Producer		
	COG Acreage		Spacing Unit
	Town		

BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-1  
 Submitted by: COG Operating LLC  
 Hearing Date: March 13, 2025  
 Case No. 25164

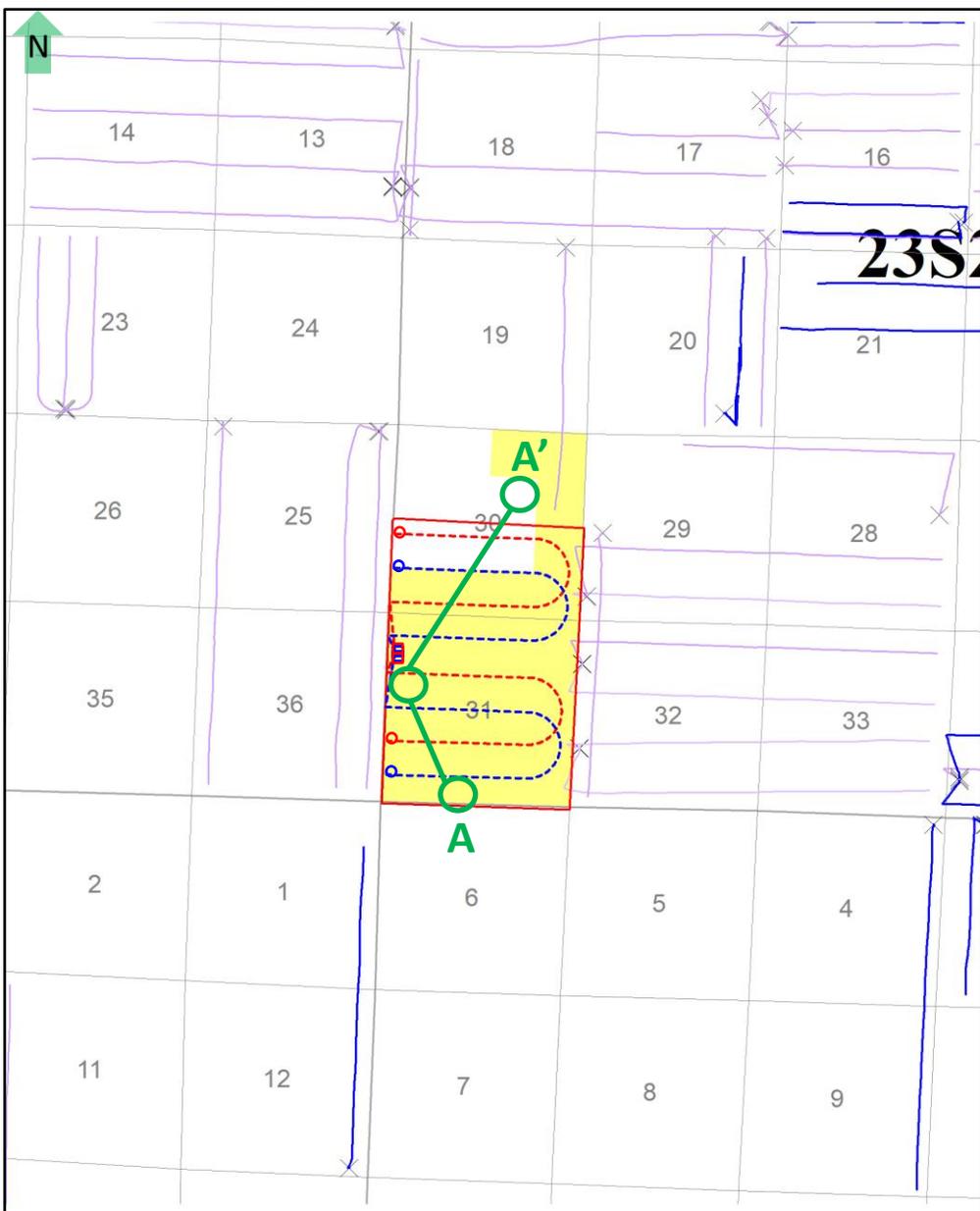
# WFMP XY 401H, 402H and WFMP A 421H, 422H

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. D-2  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164

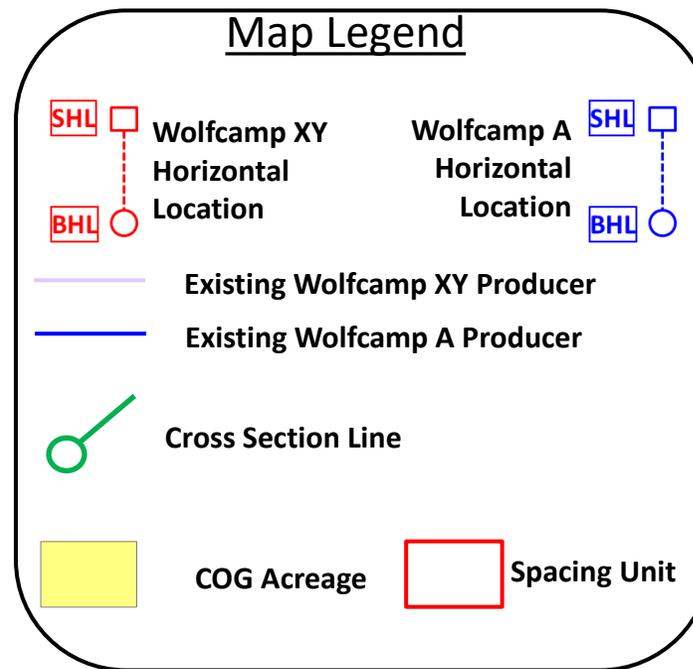


# Bat Bomb Fed Com - Wolfcamp (WFMP) Location Map:

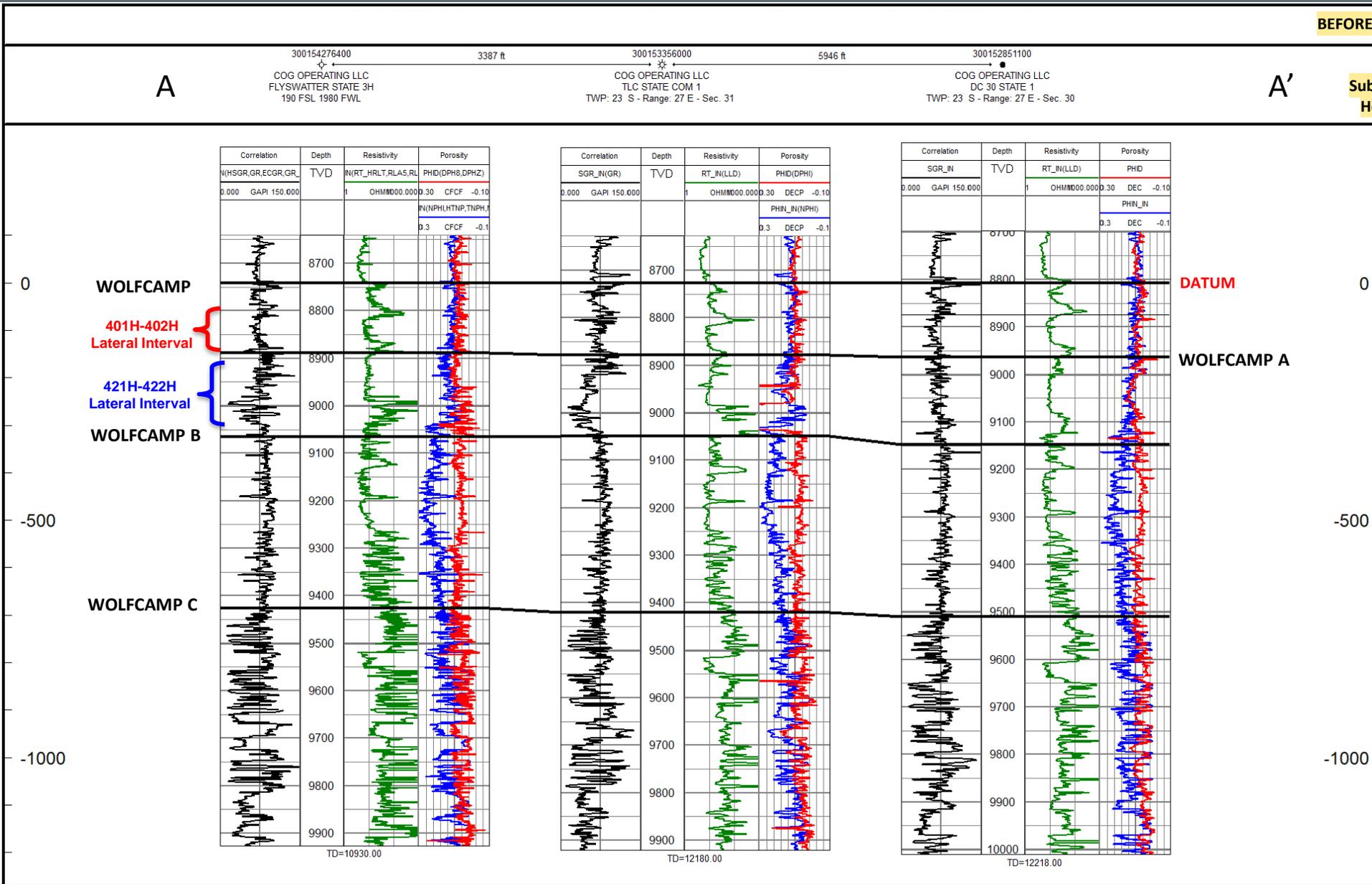
## WFMP A/Upper 701H, 702H, 703H, and WFMP C 801H, 802H, 803H, 804H



**BEFORE THE OIL CONSERVATION DIVISION**  
 Santa Fe, New Mexico  
 Exhibit No. D-3  
 Submitted by: COG Operating LLC  
 Hearing Date: March 13, 2025  
 Case No. 25164



# Bat Bomb Fed Com - Wolfcamp (WFMP) Stratigraphic Cross Section A – A'



BEFORE THE OIL CONSERVATION DIVISION  
 Santa Fe, New Mexico  
 Exhibit No. D-4  
 Submitted by: COG Operating LLC  
 Hearing Date: March 13, 2025  
 Case No. 25164

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

**APPLICATION OF COG OPERATING LLC  
FOR APPROVAL OF A NON-STANDARD  
947-ACRE HORIZONTAL WELL SPACING UNIT  
AND COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.**

**CASE NO. 25164**

**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 March 24, 2025.

5. I caused a notice to be published to all parties subject to this request for 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  
Revised Exhibit No. E  
Submitted by: COG Operating LLC Hearing  
Date: March 13, 2025  
Case No. 25164**

A handwritten signature in blue ink, appearing to read "Paula M. Vance".

---

Paula M. Vance

3/25/2025

---

Date



**Paula M. Vance**  
**Associate**  
Phone (505) 988-4421  
Email pmvance@hollandhart.com

January 24, 2025

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

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND APPROVAL OF THE NON-STANDARD WELL SPACING UNIT**

**Re: Application of COG Operating LLC for Approval of a Non-Standard 947-Acre Horizontal Well Spacing Unit, Eddy County, New Mexico: *Bat Bomb Fed Com 401H, 402H, 421H, & 422H "U-Turn" well 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 February 13, 2025, 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 in the hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.**

*Your interest is not being pooled. This notice is for approval of the non-standard spacing unit. 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 Shelley C. Klingler at (432) 688-9027 or at [Shelley.C.Klingler@conocophillips.com](mailto:Shelley.C.Klingler@conocophillips.com).

Sincerely,

Paula M. Vance  
**ATTORNEY FOR COG OPERATING LLC**

T 505.988.4421 F 505.983.6043  
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849  
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208  
[www.hollandhart.com](http://www.hollandhart.com)

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming



**Paula M. Vance**  
**Associate**  
**Phone** (505) 988-4421  
**Email** pmvance@hollandhart.com

January 24, 2025

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

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND APPROVAL OF THE NON-STANDARD WELL SPACING UNIT**

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Sincerely,

Paula M. Vance  
**ATTORNEY FOR COG OPERATING LLC**

T 505.988.4421 F 505.983.6043  
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849  
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208  
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Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming



Paula M. Vance  
Associate  
Phone (505) 988-4421  
Email pmvance@hollandhart.com

March 7, 2025

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

**TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND APPROVAL OF THE NON-STANDARD WELL SPACING UNIT**

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If you have any questions about this matter, please contact Shelley C. Klingler at (432) 688-9027 or at [Shelley.C.Klingler@conocophillips.com](mailto:Shelley.C.Klingler@conocophillips.com).

Sincerely,

Paula M. Vance  
**ATTORNEY FOR COG OPERATING LLC**

T 505.988.4421 F 505.983.6043  
110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849  
Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208  
[www.hollandhart.com](http://www.hollandhart.com)

Alaska	Montana	Utah
Colorado	Nevada	Washington, D.C.
Idaho	New Mexico	Wyoming

COG - TLC - U-Turn Bat Bomb wells (Offset) - Case no. 25164  
Postal Delivery Report

9414811898765457941092	State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	Your item was picked up at a postal facility at 7:52 am on January 29, 2025 in SANTA FE, NM 87501.
9414811898765457941047	Bureau of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	Your item was delivered to the front desk, reception area, or mail room at 1:00 pm on January 27, 2025 in SANTA FE, NM 87508.
9414811898765457941085	Mewbourne	500 W Texas Ave	Midland	TX	79701-4230	Your item was delivered to the front desk, reception area, or mail room at 11:29 am on January 27, 2025 in MIDLAND, TX 79701.
9414811898765457941030	Coterra	600 N Marienfeld St	Midland	TX	79701-4395	Your item was picked up at a postal facility at 10:23 am on February 25, 2025 in SANTA FE, NM 87501.
9414811898765457941078	Marshall & Winston	6 Desta Dr Ste 3100	Midland	TX	79705-5538	Your item was delivered to an individual at the address at 9:55 am on January 27, 2025 in MIDLAND, TX 79705.

COG - TLC U-Turn Bat Bomb wells - Case no. 25164  
 Postal Delivery Report

9414811898765457941375	Devon Energy Production Company, LLC	333 W Sheridan Ave	Oklahoma City	OK	73102-5010	Your item has been delivered and is available at a PO Box at 10:38 am on January 28, 2025 in OKLAHOMA CITY, OK 73102.
9414811898765457941054	WR Non-Op LLC	306 W Wall St Ste 1215	Midland	TX	79701-5175	Your item has been delivered to the original sender at 1:59 pm on February 21, 2025 in SANTA FE, NM 87501.
9414811898765457941023	Chief Capital O&G II LLC	8111 Westchester Dr Ste 900	Dallas	TX	75225-6146	Your item was delivered to the front desk, reception area, or mail room at 10:30 am on January 31, 2025 in DALLAS, TX 75225.

AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS  
PO BOX 507  
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO }  
COUNTY OF EDDY } SS

Account Number: 1232  
Ad Number: 31740  
Description: COG - TLC U-Turn Bat Bomb  
Ad Cost: \$164.75

Sherry Groves, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

January 30, 2025

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

*Sherry Groves*

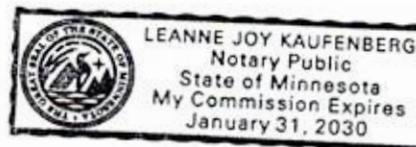
Agent

Subscribed to and sworn to me this 30<sup>th</sup> day of January 2025.

*Leanne Kaufenberg*

Leanne Kaufenberg, Notary Public, Redwood County Minnesota

KARI REESE  
HOLLAND & HART LLP  
420 L STREET, SUITE 550  
ANCHORAGE, AK 99501  
klreese@hollandhart.com



BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Revised Exhibit No. F  
Submitted by: COG Operating LLC  
Hearing Date: March 13, 2025  
Case No. 25164

## PUBLIC NOTICE

Case No. 25164: Application of COG Operating LLC for Approval of a Non-Standard 947-Acre Horizontal Well Spacing Unit, Eddy County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: State Land Office; Bureau of Land Management; Mewbourne; Coterra; Marshall & Winston; Devon Energy Production Company, LLC; WR Non-Op LLC; Chief Capital (O&G) II LLC 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 February 13, 2025, 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.emrd.nm.gov/ocd/hearing-info/> or contact Freya Tschantz, at [Freya.Tschantz@emrd.nm.gov](mailto:Freya.Tschantz@emrd.nm.gov). Applicant in the above-styled cause seeks to (a) approving a 947-acre, more or less, non-standard horizontal well spacing unit in the Wolfcamp Formation underlying Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico and (b) pooling all uncommitted interests in this acreage. This spacing unit will be initially dedicated to the proposed **Bat Bomb Fed Com 401H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 30; **Bat Bomb Fed Com 402H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 31; **Bat Bomb Fed Com 421H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular

Section 30; and **Bat Bomb Fed Com 422H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 7 miles west of Loving, New Mexico.

Published in the Carlsbad Current-Argus January 30, 2025.  
#31740

AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS  
PO BOX 507  
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO } SS  
COUNTY OF EDDY }

Account Number: 1232  
Ad Number: 38640  
Description: Bat Bomb Wells 25164  
Ad Cost: \$136.82

Sherry Groves, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

March 15, 2025

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

*Sherry Groves*

Agent

Subscribed to and sworn to me this 15<sup>th</sup> day of March 2025.

*Leanne Kaufenberg*

Leanne Kaufenberg, Notary Public, Redwood County Minnesota

PUBLIC NOTICE

Case No. 25164: Application of COG Operating LLC for Approval of a Non-Standard 947-Acre Horizontal Well Spacing Unit, Eddy County, New Mexico. Notice to all affected interest owners, including all heirs, devisees and successors of: LRF Jr., LLC; Rolla R. Hinkle, III, as his separate property; Morris E. Schertz, and his wife, Holly K. Schertz; Fortis Minerals II, LLC; Chad Barbe, and his wife, Marci Barbe; Gallus, LLC; Pegasus Resources, LLC; Penasco Petroleum LLC; SMP Sidecar Titan Mineral Holdings, LP; SMP Titan Mineral Holdings, LP; MSH Family Real Estate Partnership II, LLC; SMP Titan Flex, LP. 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 April 10, 2025, 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 to (a) approving a 947-acre, more or less, non-standard horizontal well spacing unit in the Wolfcamp formation underlying Lots 3-4, E/2 SW/4, and SE/4 (S/2 equivalent) of irregular Section 30 and all of irregular Section 31, Township 23 South, Range 27 East, NMPM, Eddy County, New Mexico and (b) pooling all uncommitted interests in this acreage. This spacing unit will be initially dedicated to the proposed **Bat Bomb Fed Com 401H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 30; **Bat Bomb Fed Com 402H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 3 (NW/4 SW/4 equivalent) of irregular Section 31; **Bat Bomb Fed Com 421H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30; and **Bat Bomb Fed Com 422H** "U-Turn" well, to be drilled from a surface location in the Lot 1 (NW/4 NW/4 equivalent) of irregular Section 31, a first take point in Lot 2 (SW/4 NW/4 equivalent) of irregular Section 31 and a last take point in Lot 4 (SW/4 SW/4 equivalent) of irregular Section 30. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 7 miles west of Loving, New Mexico. 34390597\_v1

Published in the Carlsbad Current-Argus March 15, 2025. #38640

KARI REESE  
HOLLAND & HART LLP  
420 L STREET, SUITE 550  
ANCHORAGE, AK 99501  
kreesee@hollandhart.com

