



COG OPERATING LLC
Redtail Federal Com 602H
Lea County, New Mexico

Case No. 24224
BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING March 21, 2024



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

**APPLICATION OF COG OPERATING LLC
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.**

CASE NO. 24224

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

Case: 24224	APPLICANT'S RESPONSE
Date	March 21, 2024
Applicant	COG Operating LLC
Designated Operator & OGRID (affiliation if applicable)	COG Operating LLC (OGRID No. 229137)
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF COG OPERATING LLC FOR APPROVAL OF AN OVERLAPPING HORIZONTAL WELL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	N/A
Well Family	Redtail
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Red Tank; Bone Spring [51683] & Diomondtail; Bone Spring [17644]
Well Location Setback Rules:	Statewide oil rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	959.23
Building Blocks:	40 acres
Orientation:	North-South
Description: TRS/County	Lots 1 & 2, S/2 NE/4, and the SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	Yes; Third Bone Spring interval of the Bone Spring formation
Proximity Tracts: If yes, description BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Exhibit No. A Submitted by: COG Operating LLC Hearing Date: March 21, 2024 Case No. 24224	Yes; Redtail Federal Com 602H is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC
Proximity Defining Well: if yes, description	Yes; see above

Application Docket # 19-00475-11 PM <i>Released by OED on 3/19/2024 7:55:41 PM</i>	Exhibit C-4	<i>Page 4 of 5</i>
Well(s)		
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	Redtail Federal Com 602H well SHL: 220' FNL, 2,005' FEL (Lot 2) of Section 2 BHL: 50' FSL, 1,460' FEL (Unit O) of Section 14 Target: Bone Spring Orientation: North-South Completion: Proximity well	
Horizontal Well First and Last Take Points	Exhibit C-3	
Completion Target (Formation, TVD and MD)	Exhibit D-4	
AFE Capex and Operating Costs		
Drilling Supervision/Month \$	N/A	
Production Supervision/Month \$	N/A	
Justification for Supervision Costs	N/A	
Requested Risk Charge	N/A	
Notice of Hearing		
Proposed Notice of Hearing	Exhibit B	
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E	
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F	
Ownership Determination		
Land Ownership Schematic of the Spacing Unit	Exhibit C-4	
Tract List (including lease numbers and owners)	Exhibit C-4	
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A	
Pooled Parties (including ownership type)	Exhibit C-4	
Unlocatable Parties to be Pooled	N/A	
Ownership Depth Severance (including percentage above & below)	Exhibit C-4	
Joinder		
Sample Copy of Proposal Letter	N/A	
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-4	
Chronology of Contact with Non-Joined Working Interests	Exhibit C-5	
Overhead Rates In Proposal Letter	N/A	
Cost Estimate to Drill and Complete	N/A	
Cost Estimate to Equip Well	N/A	

Cost Estimate for Production Facilities	N/A
Geology	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-1
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D, D-4
HSU Cross Section	Exhibit D-3
Depth Severance Discussion	Exhibit D; D-4
Forms, Figures and Tables	
C-102	Exhibit C-3
Tracts	Exhibit C-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-4
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
Additional Information	
Special Provisions/Stipulations	N/A
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Paula M. Vance
Signed Name (Attorney or Party Representative):	
Date:	3/19/2024

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

**APPLICATION OF COG OPERATING LLC
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.**

CASE NO. 24224

APPLICATION

COG Operating LLC (“COG” or “Applicant”) (OGRID No. 229137), through its undersigned attorneys, files this application with the Oil Conservation Division for an order (a) approving a standard 959.23-acre, more or less, overlapping horizontal well spacing unit in the Third Bone Spring interval of the Bone Spring formation comprised of Lots 1 & 2, S/2 NE/4, and the SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling this proposed horizontal well spacing unit. In support of this application, COG states:

1. Applicant is a working interest owner in the proposed overlapping horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Redtail Federal Com 602H** well to be horizontally drilled from a surface location in the NE/4 of Section 2, with a first take point in Lot 2 of irregular Section 2 and the last take point in the SW/4 SE/4 (Unit O) of Section 14.
3. This horizontal well spacing unit will overlap the following existing Bone Spring spacing units:
 - 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG’s Redtail State Com 1H (API: 30-025-40181);

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- 160-acre horizontal wells spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 20H (API: 30-025-40559) and Cuervo Federal 26H (API: 30-025-42094); and
- 160-acre horizontal wells spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 21H (API: 30-025-41495).

4. The completed interval of the **Redtail Federal Com 602H** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC.

5. An ownership depth severance exists in the Bone Spring formation, within the proposed horizontal well spacing unit. Accordingly, Applicant seeks to pool only the Third Bone Spring interval of the Bone Spring formation, defined as the stratigraphic equivalent of between 11,104 feet and 12,312 feet total vertical depth, as seen in the Triste Draw Federal #2 (API 30-025-27708). COG will provide notice of this hearing to the vertical offset parties within the pool who are not subject to this pooling application.

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

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

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on March 7, 2024, and, after notice and hearing as required by law, the Division enter an order:

- A. Approving the overlapping horizontal well spacing unit and pooling certain overriding royalty interest owners and record title owners in the proposed overlapping horizontal well spacing unit; and
- B. Designating Applicant as the operator of this spacing unit and the horizontal well to be drilled thereon.

Respectfully submitted,

HOLLAND & HART LLP

By: 

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ATTORNEYS FOR COG OPERATING LLC

CASE _____:

Application of COG Operating LLC for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling certain non-cost bearing owners with an interest in the Third Bone Spring interval of the Bone Spring formation underlying a standard 959.23-acre, more or less, horizontal well spacing unit comprised of Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Redtail Federal Com 602H** well to be horizontally drilled from a surface location in the NE/4 of Section 2, with a first take point in Lot 2 of irregular Section 2 and the last take point in the SW/4 SE/4 (Unit O) of Section 14. This horizontal well spacing unit will overlap the following existing Bone Spring spacing units:

- 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG's Redtail State Com 1H (API: 30-025-40181);
- 160-acre horizontal wells spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 20H (API: 30-025-40559) and Cuervo Federal 26H (API: 30-025-42094); and
- 160-acre horizontal wells spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 21H (API: 30-025-41495).

The completed interval of the **Redtail Federal Com 602H** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC. An ownership depth severance exists in the Bone Spring formation, within the proposed horizontal well spacing unit. Accordingly, Applicant seeks to pool only the Third Bone Spring interval of the Bone Spring formation, defined as the stratigraphic equivalent of between 11,104 feet and 12,312 feet total vertical depth, as seen in the Triste Draw Federal #2 (API 30-025-27708). Said area is located approximately 25 miles east of Malaga, New Mexico.

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SELF-AFFIRMED STATEMENT OF MICHAEL F. MONJU

1. My name is Michael F. Monju and I am a Landman with COG Operating LLC (“COG”), now a wholly-owned subsidiary of ConocoPhillips Company.

2. I have not previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. I have included a copy of my resume as **COG Exhibit C-1** for the Division to review and respectfully request that my credentials be accepted as a matter of record, and I be tendered as an expert in land matters.

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. 24224**, COG seeks an order (a) approving a standard 959.23-acre, more or less, overlapping horizontal well spacing unit in the Third Bone Spring interval of the Bone Spring formation comprised of Lots 1 & 2, S/2 NE/4, and the SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico, and (b) pooling this proposed horizontal well spacing unit. COG seeks to initially dedicate this Bone Spring spacing unit to the proposed **Redtail Federal Com 602H** well, to be horizontally drilled from a surface location in the NE/4 of Section 2, with a first take

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point in Lot 2 of irregular Section 2 and the last take point in the SW/4 SE/4 (Unit O) of Section 14.

5. This horizontal well spacing unit will overlap the following existing Bone Spring spacing units:

- 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG's Redtail State Com 1H (API: 30-025-40181);
- 160-acre horizontal wells spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 20H (API: 30-025-40559) and Cuervo Federal 26H (API: 30-025-42094); and
- 160-acre horizontal wells spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 21H (API: 30-025-41495).

6. **COG Exhibit C-2** is a diagram depicting the newly proposed spacing unit in relation to the existing spacing units. COG provided notice to the operators of the Cuervo Federal 20H, 21H, and 26H, the other working interest owners for the spacing unit in which COG is the designated operator, and both the New Mexico State Land Office ("SLO") and Bureau of Land Management ("BLM") since state and federal lands are involved. A sample copy of the notice, and mailing report, is included in COG Exhibit E.

7. **COG Exhibit C-3** contains the C-102s for the proposed well. This form demonstrates that the completed interval for the well will comply with statewide setbacks for oil wells. COG understands that this Bone Spring well will be placed in the Red Tank; Bone Spring [51683] and Diamondtail; Bone Spring [17644].

8. The completed interval of the **Redtail Federal Com 602H** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of

these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC.

9. **COG Exhibit C-4** identifies the tracts of land comprising the proposed horizontal spacing unit in this case. The subject acreage is comprised of state and federal lands, as reflected on the exhibit for this case. This exhibit shows the interest owners and the percentage of their interest by tract. A unit recapitulation, showing the percentage of ownership interests in the proposed spacing unit, is also included in the exhibit. Additionally, COG Exhibit C-2 includes a list of the interest owners, and their percentage interest, in the vertical offset for the proposed spacing unit. COG Exhibit E includes a sample copy of the notice that was sent to the vertical offsets interest owners, as well as postal tracking information.

10. COG has reached a voluntary agreement with all working interest owners in this proposed unit but seeks a pooling order for certain non-cost-bearing interest owners, including overriding royalty interest owners and record title owners, who have yet to execute the necessary federal and state communitization agreements. The parties that COG seeks to pool are highlighted in yellow in Exhibit C-2.

11. **COG Exhibit C-5** 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 effort to locate and reach an agreement with each interest owner.

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

13. 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.

14. COG Exhibit C-1 and C-5 were either prepared by me or compiled under my direction and supervision, or contain company business records.

15. 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.

M F Monju

3/18/2024

Michael F. Monju

Date

MICHAEL F. MONJU, CPL
600 W. Illinois Ave., Midland, TX 79701
(o) (432) 685-4397 • (c) (281) 536-8238
michael.f.monju@conocophillips.com

EXPERIENCE

CONOCOPHILLIPS COMPANY: Midland, TX

Multinational Exploration and Production Company

Staff Land Negotiator

2022 - Present

Responsible for the Greater Chickadee Area in Upton County, Texas, before moving over to assume responsibility for the Deep Hills Prospect in Lea County, New Mexico. Managing mineral title issues, my duties included:

- Managing the title clearance of multiple Horizontal Pooled Units and Production Sharing Areas;
- Working closely with the ConocoPhillips Legal and Regulatory teams for permitting and unit formations;
- Successfully negotiating and drafting multiple agreements including: Operating Agreements, Horizontal Pooling Agreements, Production Sharing Agreements, Designation of Pooled Units, Oil and Gas Leases, Lease Extensions and Amendments, and Mineral Deeds;
- Working closely with the Asset Team on developing the drill plan through 2025;
- Undertaking an extensive curative project to minimize company exposure to outstanding title issues;
- Reviewing contracts, and working through multiple land related issues, with less-experienced Landmen in the Permian Region;
- Completing an exhaustive review, on a Section by Section basis, of the entire Asset Areas including HBP and at-risk acreage, depth severances, JOAs, contracts, lease analysis, number of wells, allocated acreage, WI and NRI;
- Overseeing producing wells and working closely with both the BLM and the NMSLO to obtain extensions, when needed, of both Federal and State Leases and Communitization Agreements when production is temporarily shut-in; and
- Negotiating with competing Operators to secure Operating Rights via acreage trades and/or outright acquisition.

TEXAS STANDARD OIL LLC: Midland, TX

Exploration and Production Company focused on the Delaware Basin

Manager, Land & Business Development

2021 – 2022

Responsible for: the acquisition and consolidation of Texas Standard's acreage position in Lea County, NM; clearance of all title issues, both mineral and surface; compulsory pooling actions and regulatory compliance; negotiation and drafting of all land agreements; and overseeing and training of the Area Landman.

CONCHO RESOURCES INC aka COG Operating LLC: Midland, TX

Permian Focused Exploration and Production Company

Staff Landman

2017 - 2020

Responsible for Concho's Greater Chickadee Area in Upton County, Texas, an area encompassing 9 separate prospects, 82 Sections, and approximately 65,000 acres, with over 400 producing vertical oil wells and 75 horizontal Wolfcamp and Lower Spraberry Shale wells. Managing both mineral and surface title issues, my duties included:

- Managing the title clearance of multiple Horizontal Pooled Units and Production Sharing Areas;
- Working closely with the COG Legal and Regulatory teams for permitting and unit formations;
- Successfully negotiating and drafting multiple agreements including: Operating Agreements, Horizontal Pooling Agreements, Production Sharing Agreements, Designation of Pooled Units, Oil and Gas Leases, Lease Extensions and Amendments, and Mineral Deeds;
- Negotiating the acquisition of Surface Use Agreements for pad and battery sites, and Easements for both permanent pipelines and temporary flowlines while addressing and resolving surface owner concerns and complaints;
- Working closely with the Operations Team to obtain the needed consents and SUA and ROW amendments to allow the blending of recycled produced water in both pipelines and frac pits;
- Formulating and implementing strategies to maintain COG's acreage position for future horizontal development while allowing the team to shut-in or plug a large number of uneconomic vertical wells;
- Working closely with the Asset Team on developing the drill plan through 2022;
- Undertaking an extensive curative project to minimize company exposure to outstanding title issues;

- Reviewing contracts, and working through multiple land related issues, with less-experienced Landmen in the Permian Region;
- Completing an exhaustive review, on a Section by Section basis, of the entire Area including HBP and at-risk acreage, depth severances, JOAs, contracts, lease analysis, number of wells, allocated acreage, WI and NRI; and
- Prepared and presented a “Lunch & Learn” presentation on Pooling, PSA and Allocation Wells for the Texas Land team.

APACHE CORPORATION: Midland, TX

Multinational Exploration and Production Company

Sr. Landman

2014 to 2017

Served as Lead for the Powell Area of Upton County, Texas, Apache’s core asset area for horizontal Wolfcamp development in the Permian Basin. In the course of my duties I have: Maintained the activity of one to three horizontal rigs in northern Upton County; created complex interest divisions and advised Apache’s Division Order Department on the disbursement of revenues; negotiated and closed on multiple acreage trades with Pioneer Resources, Encana and Oxy, among others, consolidated fractionalized working, mineral, and leasehold interests through multiple Farm-in agreements and both lease and working interest acquisitions, increased drillable inventory by more than 20% while eliminating more than 28% of potential carried working interest by successfully negotiating and drafting multiple Joint Operating Agreements with Devon Energy, XTO and various smaller working interest partners; drafted multiple agreements including Production Sharing Agreements, Operating Agreements, Oil and Gas Leases, Lease Extensions, Purchase and Sale Agreements, Letter Agreements and Farm Out Agreements; reviewed drilling title opinions and worked with Legal to cure title defects and clear title for drilling locations; worked closely with the area Technical Team during the 2015 downturn to maintain Apache’s acreage position by selectively drilling individual wells to perpetuate leasehold under Continuous Development provisions while preparing the area for full scale development; oversaw a project to obtain the participation of several hundred mineral owners in multiple Production Sharing Areas in Upton County; worked with Regulatory in permitting more than 25 Horizontal Wolfcamp wells with lateral lengths of 1, 1.5 and 2 miles while obtaining SWR 37 waivers from offset operators; worked closely with Apache’s AMI partner in the area to manage the drilling and eventual transfer of AMI wells, which also required close coordination with Division Orders, revenue and payout accounting and Marketing. Also tasked with securing new acreage trades opportunities with a goal towards increasing drillable Midland Basin inventory.

CONOCOPHILLIPS COMPANY: Houston, TX

Multinational Exploration and Production Company

Contract Landman

2012 to 2014

As Area Landman for the Bossier Asset area I was responsible for all company and partner operated assets in an area encompassing Robertson, Madison, Leon and Brazos Counties, Texas, which area included 49 company operated units with 84 wells (both oil and gas) in addition to multiple partner operated properties, company owned minerals, overriding royalty interests and gathering systems. I monitored production and revenues from both company and partner operated wells in addition to revenues from company owned NPRI and overriding royalty interests; I initiated shut-in payments as needed, reviewed shut-in, drilling and division order title opinions, cured pending issues with both company and partner operated properties, and interfaced with the geoscience, operations, legal, and other internal departments with respect to issues or questions regarding lease maintenance, contract and regulatory compliance, ownership and access matters, joint interest billings and revenue distribution. I worked with interest partners on legal, regulatory, exploration and production issues, approved title for pending maintenance projects on company assets and balloted working interest partners as needed, managed and saw to the timely response of all incoming ballots, AFEs and election letters, reviewed area joint operating agreements, negotiated and prepared all land documents and agreements. I also oversaw the field work and invoices of area brokers. I prepared some 30,000 acres of producing lease tracts for a farm out of the shallow rights and negotiated the Farm Out of expiring acres. In conjunction with my duties in the Bossier area, I was also tasked with handling a number of special projects involving both company and partner operated properties in South Louisiana and in the Haynesville Shale area of North Louisiana.

INDEPENDENT PETROLEUM LANDMAN: Houston, Texas

Field Landman

2008 to 2012

As sole field Landman on multiple Southwest Louisiana prospects I completed the lease checks and negotiated the acquisition of more than two hundred properties encompassing over two thousand acres, prepared all maps, flowcharts, lease and curative documentation and completed the research and compilation of the Abstracts of Title on the designated drill sites. I spent two years working in a similar capacity in the Eagle Ford Shale region of South Texas, including Karnes, Bee, Webb, Live Oak, Frio, Zavala and Dimmit Counties. I then served as Team Lead on Marathon Oil Company’s Due Diligence team which was charged with analyzing over 1,700 Hilcorp and Texas Crude Energy, Inc. lease files and Title Opinions for the acquisition of over 100,000 acres in the Eagle Ford Shale region of South Texas. I was subsequently recalled by Marathon Oil Company to join the Due Diligence team for their acquisition of additional Eagle Ford acreage from Paloma Resources, LLC. I then joined a team in providing a full range of title services in the Utica Shale region of southeastern Ohio, including Morgan, Muskingham, Noble, Belmont and Guernsey Counties.

- Provided a full range of services to the domestic oil and gas industry including:
- Negotiation and acquisition of Oil and Gas Leases, Rights-of-Way and Seismic permits;
 - Lease checks, title and working interest reports;
 - Coordination of research, lease acquisition and curative activities;
 - Title searches from patent to present and compilation of Runsheets or Abstracts of Title;
 - Lease analysis, due diligence and document preparation.

LANDAMERICA and FIDELITY NATIONAL TITLE INSURANCE COMPANIES

1998 to 2008

National Underwriters of Title Insurance Policies

Title Examiner/Commercial Escrow Officer

During 10 years in the Title Insurance industry I moved from residential, then commercial title examination to assuming management of a Title Services branch office before becoming first a residential, then a Commercial Escrow Officer with the National Title Services office of Fidelity National Title.

- Managed all aspects of both local and multi-site/multi-state commercial real estate transactions, including those involving bond issuance and defeasance of existing debt.
- Examined both residential and commercial properties to determine insurability of title.
- Prepared settlement statements, funded transactions, prepared and issued title insurance policies.
- Reviewed and corrected surveys and metes and bounds legal descriptions.
- Addressed curative, title and survey issues in order to assess and minimize risk.
- Acted as principal liaison in Texas for Fidelity’s network of national offices, providing title expertise and underwriting for national real estate transactions.

PAUL MONJU AND ASSOCIATES: Lafayette, Louisiana

1990 to 1998

A Full-Service Petroleum Land Company

Independent Landman

As a member of a family owned land service company I participated in almost all phases of petroleum land title work including:

- Negotiation and acquisition of Oil and Gas Leases, lease checks, title and working interest reports, coordination of research, lease acquisition and curative activities, title searches from patent to present and compilation of Abstracts of Title, lease analysis, due diligence and document preparation.

EDUCATION

UNIVERSITY OF SOUTH CAROLINA: Columbia, South Carolina

MASTER OF INTERNATIONAL BUSINESS ADMINISTRATION

1989

Included intensive Spanish language training, EAFIT, Medellín, Colombia and Graduate Internship with Unisys Sudamericana in Buenos Aires, Argentina

ESTUDIO SAMPERE: Year abroad, advanced language training, Madrid, Spain

MAGDALEN COLLEGE: Warner, New Hampshire

Bachelor of Arts

1982

COMPUTER SKILLS

Regular use of ARC GIS mapping software, Quorum, P2, Enertia, Tobin Land Suite, HIS Enerdeq and Land Studio, Enverus, Adobe Acrobat, and Business Objects SAP software. Highly proficient in Microsoft Office Suite including Word, Excel, Access, PowerPoint and Visio.

ASSOCIATIONS

Certified Petroleum Landman, AAPL , PBLA and ADAM Permian.

LANGUAGE SKILLS

Fluent Spanish - Written and Spoken

RETAIL FED COM E2

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

Section 2: Lots 1-2, S2NE4, SE4

Section 11: E2

Section 14: E2

Lea County, New Mexico

Tract 1:

Sec 2: Lots 1-2,
S2NE



VB-1202-3

Tract 2:

Sec 2: SE
VB-1203-3



Tract 3:

Sec 11: NE
NMNM 77062



Tract 4:

Sec 11: SE
NMNM 84728



Tract 5:

Sec 14: E2
NMNM 84729



#602H
Bone Spring*
959.23 acres



#703H
Wolfcamp
479.62 acres



#701H
Wolfcamp
479.61 acres



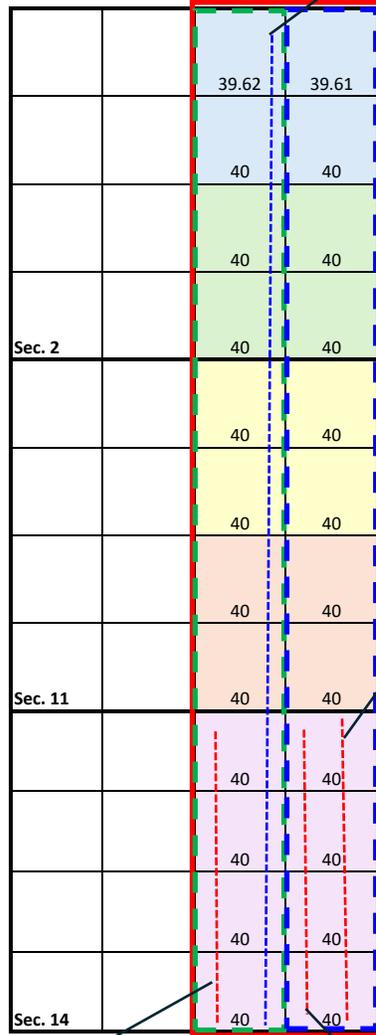
Cimarex Cuervo Fed 21H
producing from Avalon
(Diamondtail BS)

***SAVE AND EXCEPT
the 2nd Bone Spring Formation**

Proposed COP Redtail Fed
602H in 3rd BS
Redtank BS 51683
Defining well

Cimarex Cuervo Fed 20H
producing from 2nd BS
(Diamondtail BS 17644)

Cimarex Cuervo Fed 26H
producing from Avalon
(Diamondtail BS)



BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C-&
Submitted by: COG Operating LLC
Hearing Date: March 21, 2024
Case No. 24224

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 51683	Pool Name Red Tank; Bone Spring
Property Code	Property Name REDTAIL FEDERAL COM	Well Number 602H
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3735.8'

Surface Location

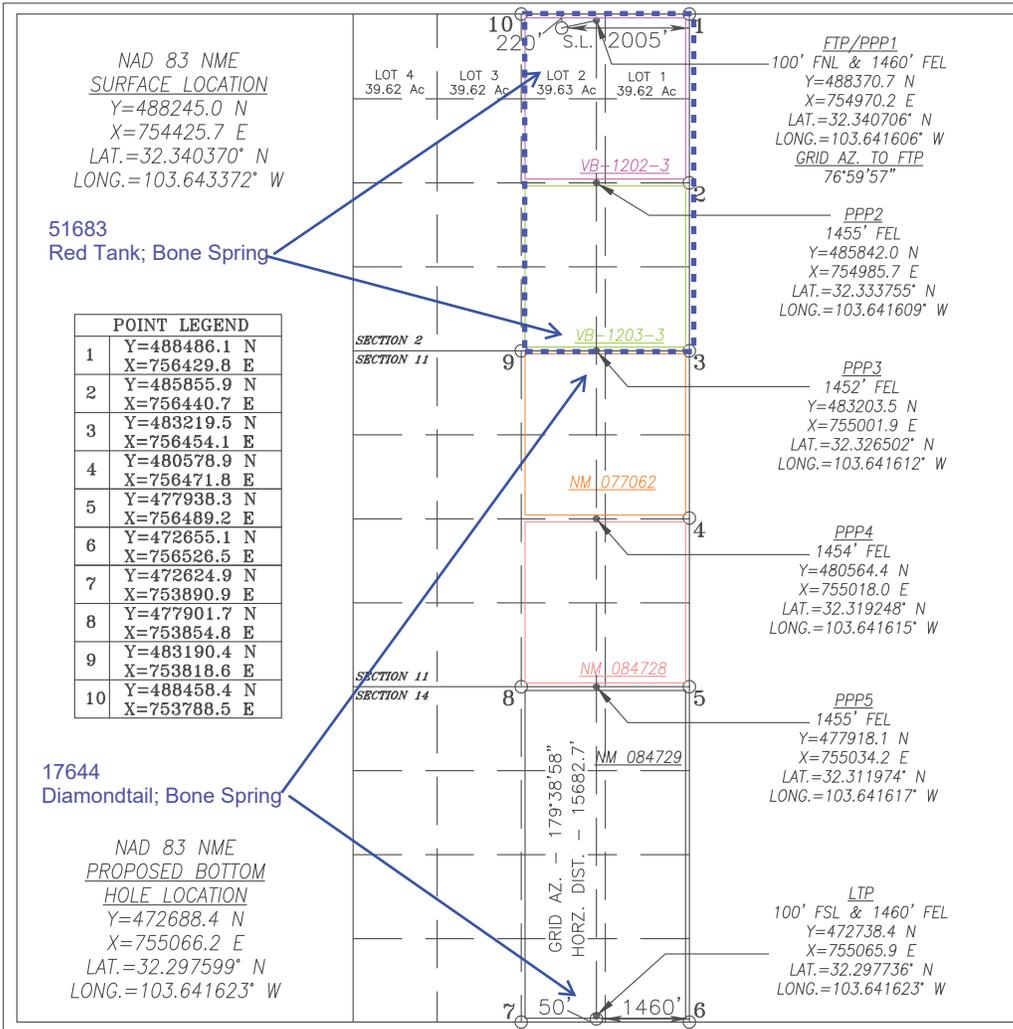
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	2	23-S	32-E		220	NORTH	2005	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	23-S	32-E		50	SOUTH	1460	EAST	LEA

Dedicated Acres 319.23	Joint or Infill	Consolidation Code	Order No.
----------------------------------	-----------------	--------------------	-----------

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



OPERATOR CERTIFICATION

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

Mayte Reyes 2/8/2024
 Signature Date

Mayte Reyes
 Printed Name

mayte.x.reyes@cop.com
 E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 20, 2023
 Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
 NEW MEXICO
 LICENSED PROFESSIONAL SURVEYOR
 17777

Chad Harcrow 2/6/24
 Certificate No. CHAD HARCROW 17777
 W.O. #24-91 DRAWN BY: WN

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

DISTRICT II
811 S. FIRST ST., ARTESIA, NM 88210
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Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-	Pool Code 17644	Pool Name Diamondtail; Bone Spring
Property Code	Property Name REDTAIL FEDERAL COM	Well Number 602H
OGRID No. 229137	Operator Name COG OPERATING LLC	Elevation 3735.8'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	2	23-S	32-E		220	NORTH	2005	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	14	23-S	32-E		50	SOUTH	1460	EAST	LEA

Dedicated Acres 640	Joint or Infill	Consolidation Code	Order No.
-------------------------------	-----------------	--------------------	-----------

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

NAD 83 NME
SURFACE LOCATION
Y=488245.0 N
X=754425.7 E
LAT.=32.340370° N
LONG.=103.643372° W

51683
Red Tank; Bone Spring

POINT	LEGEND
1	Y=488486.1 N X=756429.8 E
2	Y=485855.9 N X=756440.7 E
3	Y=483219.5 N X=756454.1 E
4	Y=480578.9 N X=756471.8 E
5	Y=477938.3 N X=756489.2 E
6	Y=472655.1 N X=756526.5 E
7	Y=472624.9 N X=753890.9 E
8	Y=477901.7 N X=753854.8 E
9	Y=483190.4 N X=753818.6 E
10	Y=488458.4 N X=753788.5 E

17644
Diamondtail; Bone Spring

NAD 83 NME
PROPOSED BOTTOM HOLE LOCATION
Y=472688.4 N
X=755066.2 E
LAT.=32.297599° N
LONG.=103.641623° W

OPERATOR CERTIFICATION

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

Mayte Reyes 2/8/2024
Signature Date

Mayte Reyes
Printed Name

mayte.x.reyes@cop.com
E-mail Address

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

APRIL 20, 2023
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 2/6/24
Certificate No. CHAD HARCROW 17777
W.O. #24-91 DRAWN BY: WN

RETAIL FED COM #602H - 959.23 acres
Formation Targeted - 3rd Bone Spring - TVD: 12,140'
 Township 23 South, Range 32 East, N.M.P.M.
 Section 2: Lots 1-2, S2NE4, SE4
 Section 11: E2
 Section 14: E2
 Lea County, New Mexico

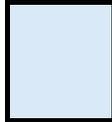
Tract 1:

Sec 2: Lots 1-2, S2NE4

VB-1202-3

Lessee: COG Operating LLC

Op Rights: COG Operating LLC 100%



Tract 2:

Sec 2: SE4

VB-1203-3

Lessee: COG Operating LLC

Op Rights: COG Operating LLC 100%



Tract 3:

Sec 11: NE

NMNM 77062

Rec Title: Cimarex Energy Co.

Op Rights: COG Operating LLC 25.00%

ConocoPhillips 75.00%



Tract 4:

Sec 11: SE

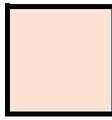
NMNM 84728

Rec Title: Strata Production Co

Op Rights: COG Operating LLC 79.16%

ConocoPhillips Co. 4.16%

Marathon Oil Permian LLC 16.67%



Tract 5:

Sec 14: E2

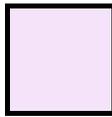
NMNM 84729

Rec Title: Strata Production Co

Op Rights: COG Operating LLC 79.16%

ConocoPhillips Co. 4.16%

Marathon Oil Permian LLC 16.67%



		39.62	39.61
		40	40
		40	40
Sec. 2		40	40
		40	40
		40	40
Sec. 11		40	40
		40	40
		40	40
Sec. 14		40	40

KEY: Parties highlighted in yellow are being pooled

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. C-4
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

RETAIL FED COM #602H - 959.23 acres

Bone Spring Vertical Interest Breakdown

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

Section 14: W2E2

Lea County, New Mexico

Avalon

8,750' - 9,932'

Record Title: Strata Production Co

Operating Rights: Cimarex Energy Co. 98.00%
 Strata Production Co. 2.00%

First Bone Spring

9,993' - 10,217"

Record Title: Strata Production Co

Operating Rights: COG Operating LLC 79.16%
 ConocoPhillips Co. 4.16%
 Marathon Oil 16.67%

2nd Bone Spring

10,218' - 11,103'

Record Title: Strata Production Co

Operating Rights: COG Operating LLC 95.00%
 ConocoPhillips Co. 5.00%

3rd Bone Spring

11,104' - 12,312'

Record Title: Strata Production Co

Operating Rights: COG Operating LLC 79.16%
 ConocoPhillips Co. 4.16%
 Marathon Oil Permian 16.67%

Below Top of Wolfcamp

All depths below 12,313'

Record Title: Strata Production Co

Operating Rights: COG Operating LLC 79.16%
 ConocoPhillips Co. 4.16%
 Marathon Oil Permian 16.67%

RECAPITULATION

COG Operating LLC	WIO 77.0649%
ConocoPhillips Co.	WIO 14.5950%
Marathon Oil Permian LLC	WIO 8.34%

TOTAL: 100.00%

Overriding Royalty Interest Owners:

Alma Williams

Contango Agentco Onshore, Inc.

Eileen Grevey LLC

Helen A. Grevey LLC

Hutchings Oil Company

James K. Lusk and Martha L. Lusk Trust U/A dated 4-29-92, James K. Lusk, Trustee

Jetstream Royalty Partners, LP

Mariane Fisher LLC

Pegasus Resources II, LLC

Robert Eaton

TD Minerals LLC

West Bend Energy Partners III, LLC

Western Oil Producers, Inc.

KEY: Parties highlighted in yellow are being pooled

FED/STATE CA:									
Cimarex Energy Co.	6001 Deauville Blvd	Midland	TX	79706	270403708653	01/30/24	01/31/24	PENDING	RTO-Per MM, Dylan acknowledge CA, he will follow up w him next week
CA RATIFICATIONS(SORT BY DATE OR OWNER):									
Alma Williams	Howard 219 Rush Creek Drive	Rockwell	TX	75032	270239687955	01/25/24	01/29/24		ORRI In E2 Sec 14 only
Contango Agentco Onshore, Inc.	111 E. 5Th Street, Ste. 300	Fort Worth	TX	76102	270225716889	01/25/24	01/26/24		ORRI in NE4 of Sec 11 only
Eileen Grevey LLC	915 Camino Ranchitos, NW	Albuquerque	NM	87114	270226398932	01/25/24	01/26/24		ORRI In SE4 Sec 11 and E2 Sec 14
Helen A. Grevey LLC	2015 Wyoming, NE	Albuquerque	NM	87112	270226345402	01/25/24	-	UNDELIVERABLE	
Helen A. Grevey LLC	2015 Wyoming Blvd Northeast #G	Albuquerque	NM	87112	270711386995	02/06/24	-	UNDELIVERABLE	2nd attempt made due to street address
Helen A. Grevey LLC	PO Box 5383	Denver	CO	80217	94028149024698222210 14	03/05/24	03/18/23		ORRI In SE4 Sec 11 and E2 Sec 14
Hutchings Oil Company	P.O. Box 1216	Albuquerque	NM	87103	94071149024698222167 64	01/25/24	01/29/24		ORRI In SE4 Sec 11 and E2 Sec 14
James K. Lusk and Martha L. Lusk Trust	2020 Osceola Street	Denver	CO	80212	270225875332	01/25/24	01/26/24	UNDELIVERABLE	
James K. Lusk and Martha L. Lusk Trust U/A dated	2020 Osceola Street	Denver	CO	80212	270226090820	01/25/24	01/26/24	UNDELIVERABLE	
James K. Lusk and Martha L. Lusk Trust U/A dated	2717 Onate Dr.	Roswell	NM	88201	94028149024698222209 94	03/05/24			3rd attempt per sticky
James K. Lusk and Martha L. Lusk Trust U/A dated	PO Box 1310	Wilsonville	OR	97070	94028149024698222210 07	03/05/24	03/18/24		ORRI In SE4 Sec 11 and E2 Sec 14
Jetstream Royalty Partners, LP	P.O. Box 471396	Fort Worth	TX	76147	94071149024698222167 71	01/25/24	01/29/24		ORRI In SE4 Sec 11 and E2 Sec 14
Mariane Fisher LLC	P.O. Box 1216	Albuquerque	NM	87103	94071149024698222168 01	01/25/24	02/06/24	UNDELIVERABLE	
Mariane Fisher LLC	PO Box 5383	Denver	CO	80217	94071149024698222178 91	02/06/24	02/14/24		ORRI In SE4 Sec 11 and E2 Sec 14
Pegasus Resources II, LLC	P.O. Box 470698	Fort Worth	TX	76147	94071149024698222168 49	01/25/24	01/29/24		ORRI In SE4 Sec 11 and E2 Sec 14
Robert Eaton	2505 Don Juan NW	Albuquerque	NM	87104	270226270639	01/25/24	01/26/24		ORRI in SE4 of Sec 11 only
TD Minerals LLC	8111 Westchester Drive, Ste. 900	Dallas	TX	75225	270225988302	01/25/24	01/26/24		ORRI In SE4 Sec 11 and E2 Sec 14
West Bend Energy Partners III, LLC	1320 S. University Dr., Ste. 701	Fort Worth	TX	76107	270225604790	01/25/24	01/30/24		ORRI In SE4 Sec 11 and E2 Sec 14
Western Oil Producers, Inc.	P.O. Box 2800	Midland	TX	79702	94071149024698222168 94	01/25/24	01/29/24		ORRI In SE4 Sec 11 and E2 Sec 15

PENDING
UNDELIVERABLE

BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. C-5
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

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

**APPLICATION OF COG OPERATING LLC
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.**

CASE NO. 24224

SELF-AFFIRMED STATEMENT OF BEN BREYMAN

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

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

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

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

5. **COG Exhibit D-2** is a subsea structure map that I prepared for the base of the Third Bone Spring which is the Wolfcamp formation that is representative of the targeted interval at the base the Bone Spring formation. The data points are indicated by the crosses. The approximate

**BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: COG Operating LLC
Hearing Date: March 21, 2024
Case No. 24224**

wellbore path for the proposed initial well is again depicted with dashed lines. This map shows that the formation is gently dipping to the southeast direction in this area. I do not observe any faulting, pinchouts, or other geologic impediments to developing the targeted interval with horizontal wells in this area.

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

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

8. An ownership depth severance exists in the Bone Spring formation, within the proposed horizontal well spacing unit. Accordingly, Applicant seeks to pool only the Third Bone Spring interval of the Bone Spring formation, defined as the stratigraphic equivalent of between 11,104 feet and 12,312 feet total vertical depth, as seen in the Triste Draw Federal #2 (API 30-025-27708). COG Exhibit D-4 includes the type-log for the Triste Draw Federal #2 (left-hand side) and highlights the vertical interval that that COG seeks to pool.

9. In my opinion, standup orientation of the proposed well is the appropriate orientation for horizontal well development in this area because it is more near perpendicular to the maximum horizontal stress of the area.

10. Based on my geologic study, the Bone Spring 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.

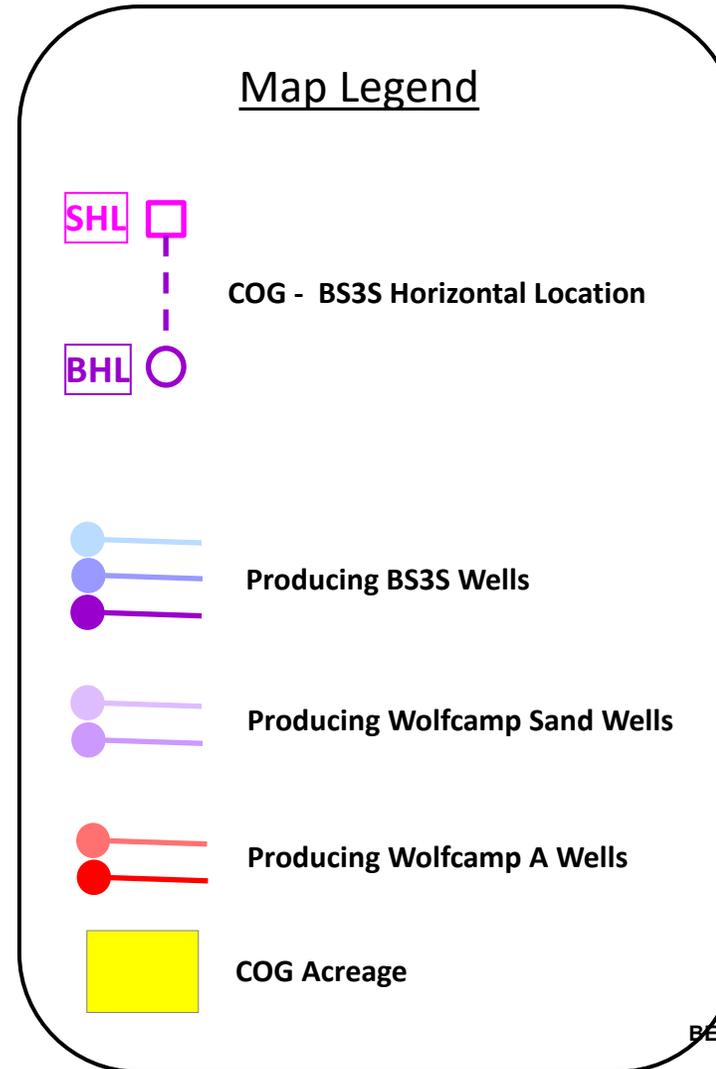
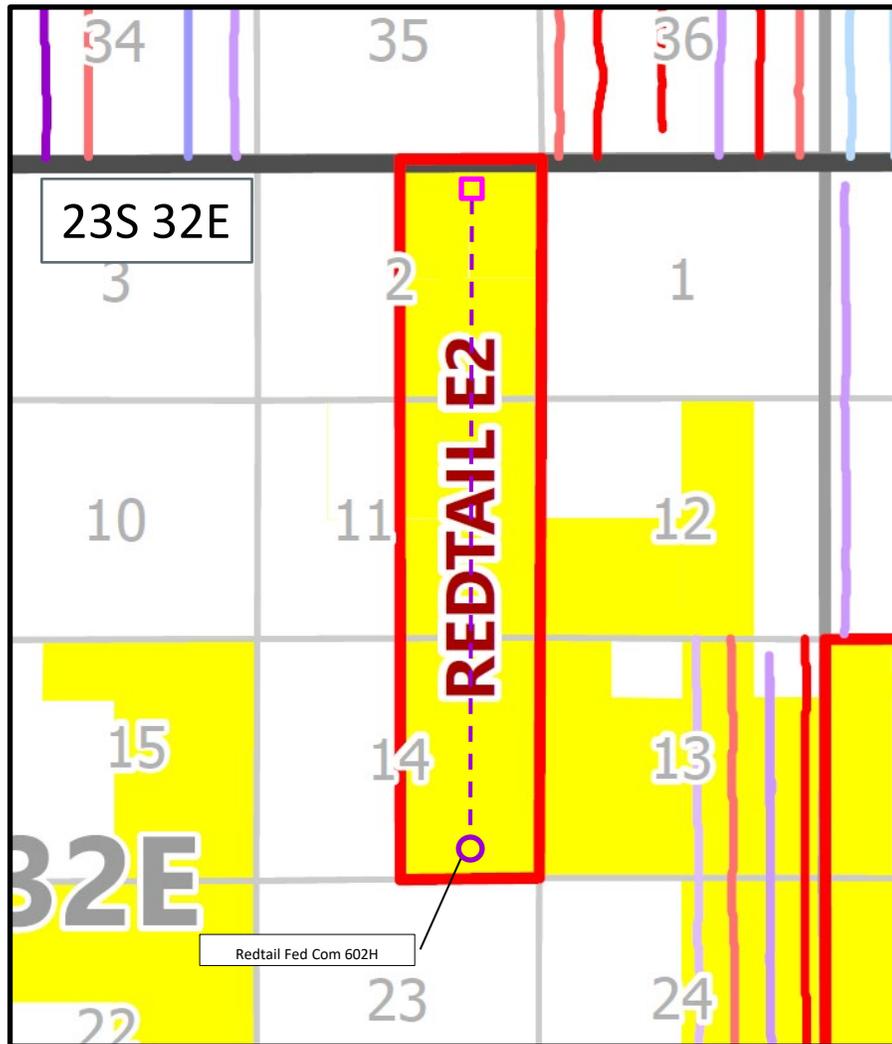
Ben Breyman

Ben Breyman

3/19/2024

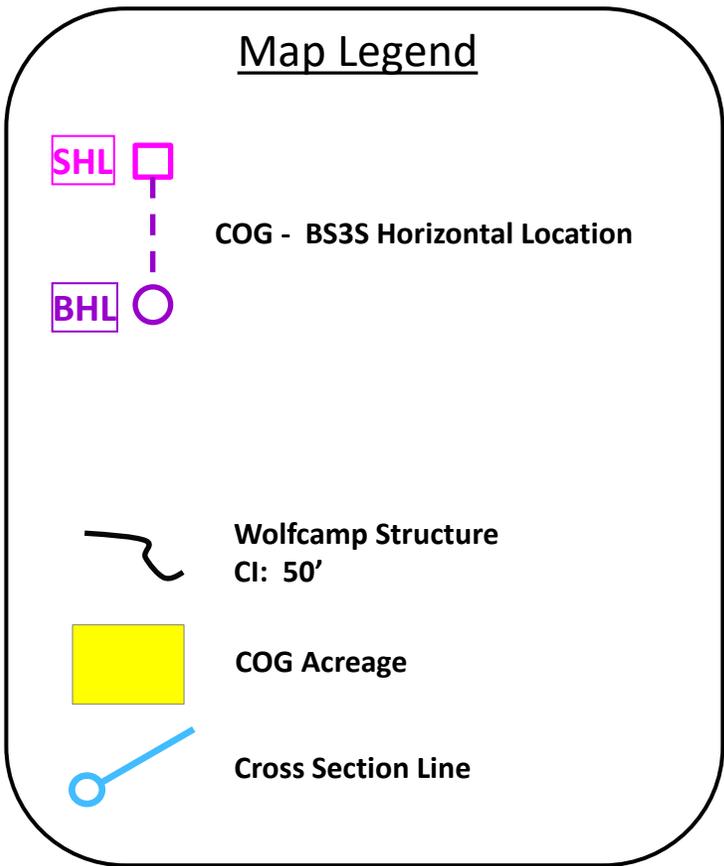
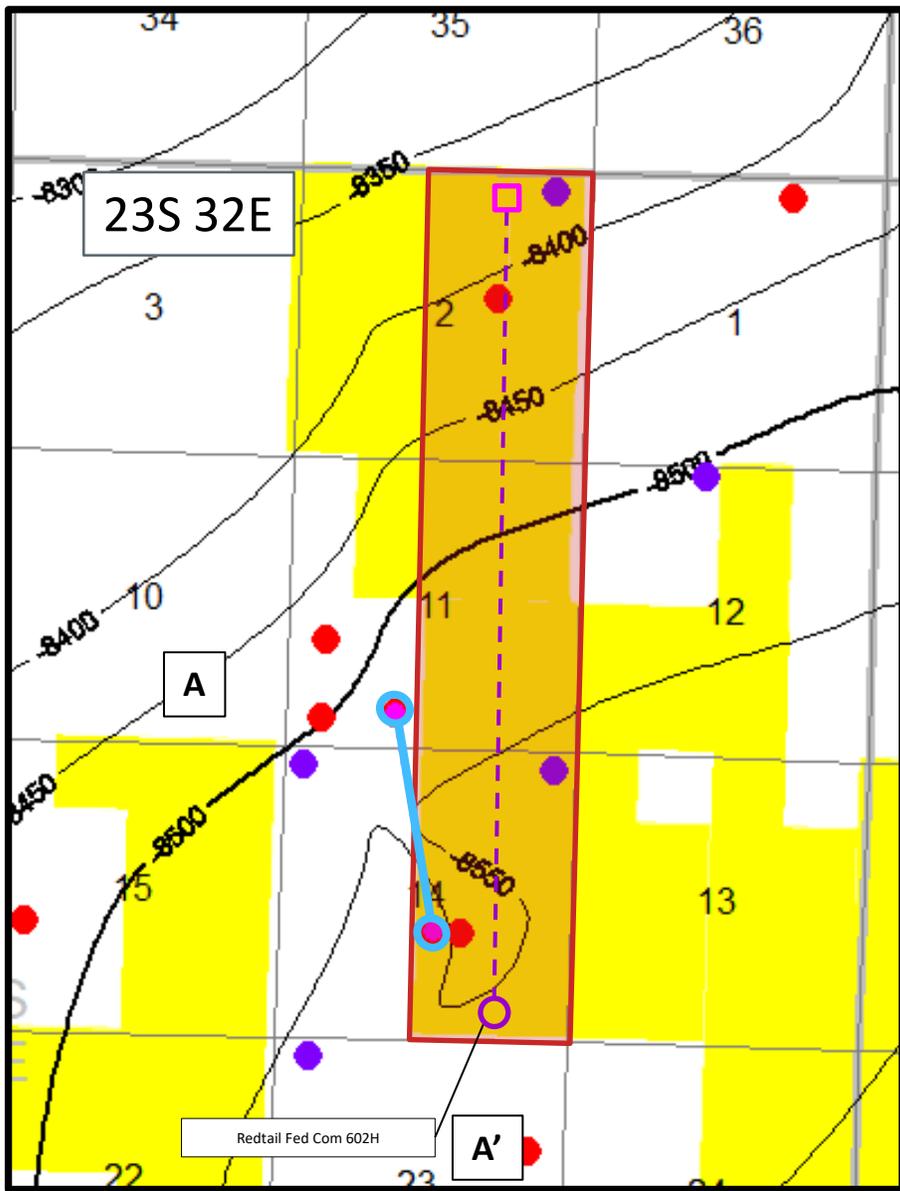
Date

Case No. 24224: Redtail Federal Com (BS3S) 602H



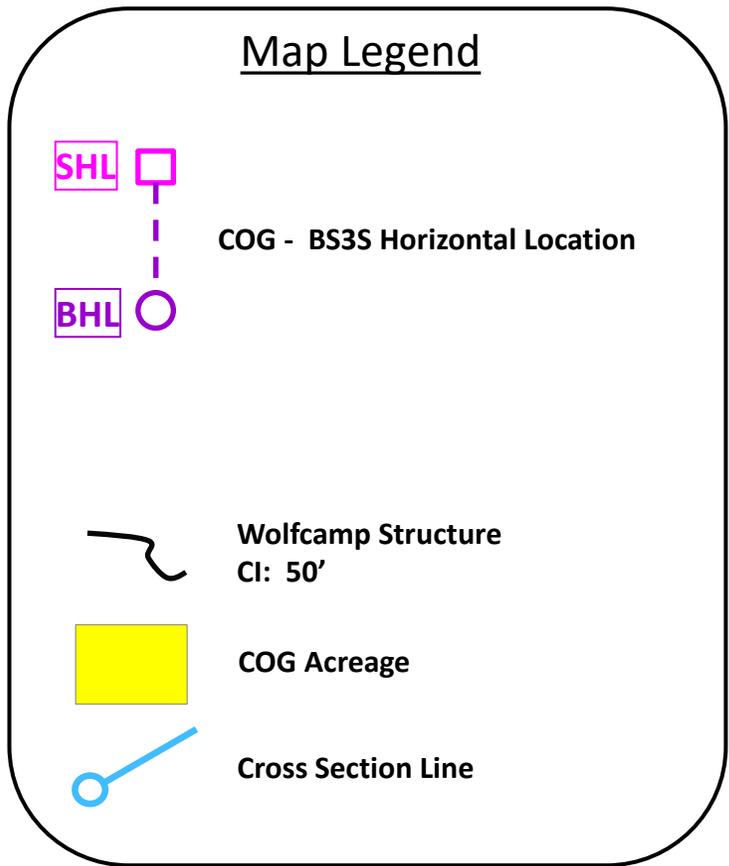
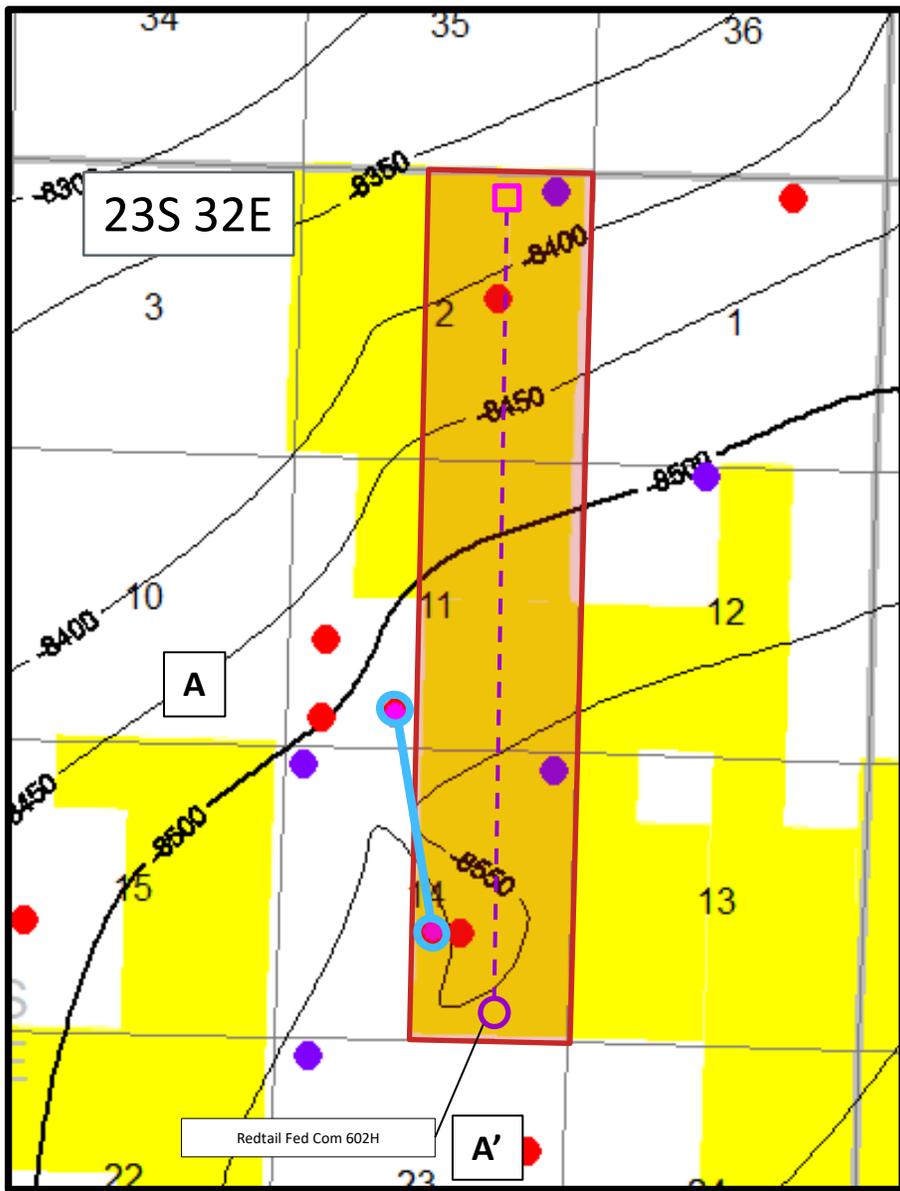
BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D-1
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

Wolfcamp Subsea Structure Map



BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D-2
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

X-section location map



BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D-3
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

Case No. 24224: Redtail Federal Com Section A-A'

A

A'

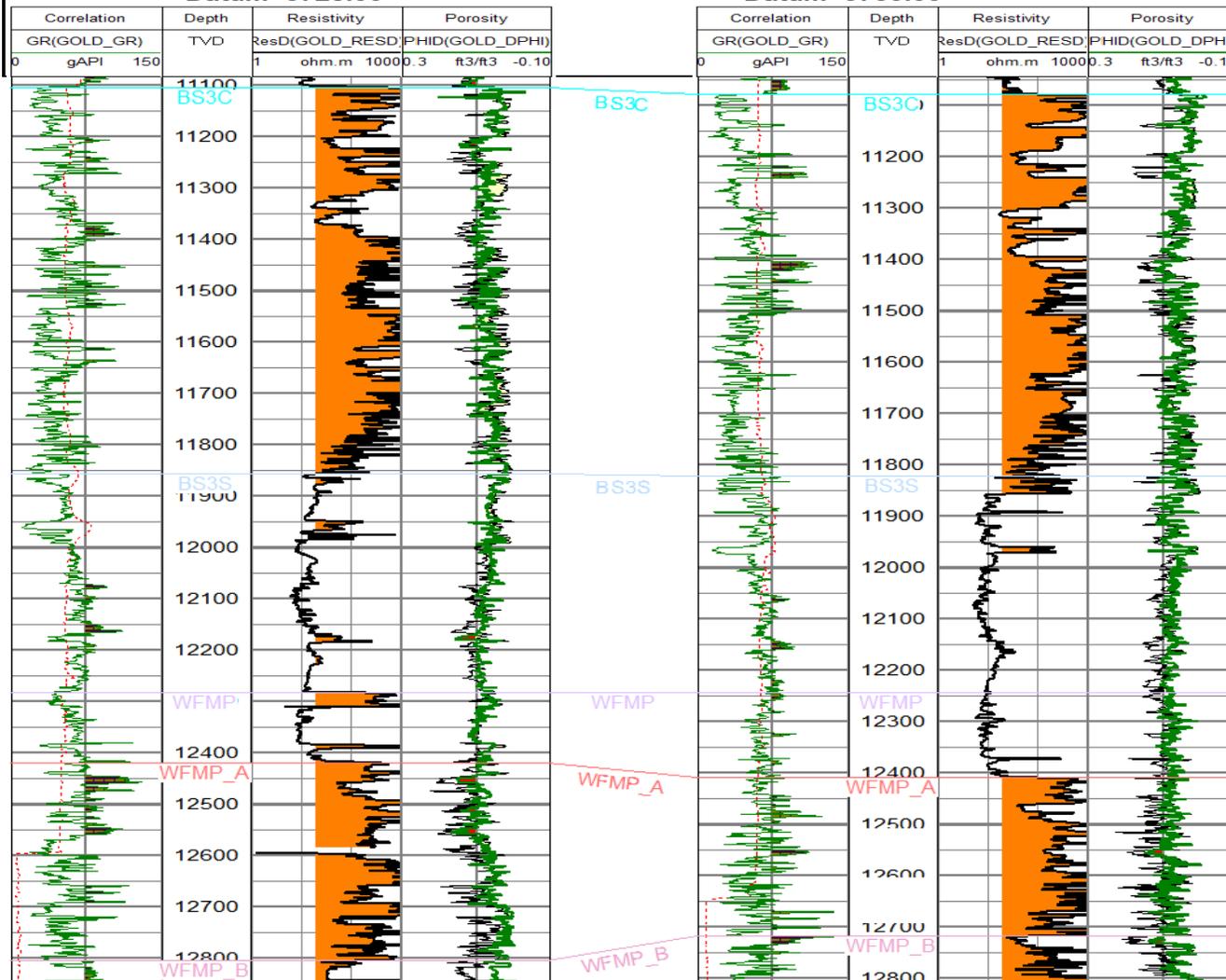
300252770800

300252765500

0.8 miles

OBIL PRODUCING TEXAS & NEW MEXICO IN
 TRISTE DRAW FEDERAL 2
 1980 FSL 2480 FEL
 TWP: 23 S - Range: 32 E - Sec. 14
 Datum=3728.00

STRATA PROD CO
 URRACA FEDERAL 1
 660 FSL 1980 FWL
 TWP: 23 S - Range: 32 E - Sec. 11
 Datum=3750.00



BEFORE THE OIL CONSERVATION DIVISION
 Santa Fe, New Mexico
 Exhibit No. D-4
 Submitted by: COG Operating LLC
 Hearing Date: March 21, 2024
 Case No. 24224

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

APPLICATION OF COG OPERATING LLC
FOR APPROVAL OF AN OVERLAPPING
HORIZONTAL WELL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO.

CASE NO. 24224

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, along with the required overlapping notice, was sent by certified mail to the locatable affected parties on the date set forth in the letters attached hereto.

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

4. The spreadsheets attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of March 15, 2024.

5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding and affected parties of the overlapping spacing unit. 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.

69: CF9'H<9'C=@7CBG9FJ5HCB'8-J-G-CB'
GubHJ: YZBYk 'A YI]Vt
9I \]V]hBc"9
Gi Va]HtX'Vm'7C; 'CdYfU]b['@@
<YUf]b['8UH. 'AUFW '8%Z&\$&
7UgYBc" & (&&



Paula M. Vance

3/19/2024

Date



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

March 1, 2024

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND OTHER AFFECTED PARTIES

Re: Application of COG Operating LLC for Approval of an Overlapping Compulsory Pooling, Lea County, New Mexico: Redtail Federal Com 602H

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 March 21, 2024, and the status of the hearing can be monitored through the Division’s website at <https://www.emnrd.nm.gov/ocd/>.

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

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

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

Sincerely,

Michael H. Feldewert
ATTORNEY FOR COG OPERATING LLC

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

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

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667150	Alasco Oil and Gas, Inc.	PO Box 569	Roswell	NM	88202	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765404667167	Alasco Oil and Gas, Inc.	302 W Tilden St C/O Richard Taylor	Roswell	NM	88203-4544	Your item was delivered to an individual at the address at 1:47 pm on March 5, 2024 in ROSWELL, NM 88203.
9414811898765404667129	Alma Williams Howard	219 Rush Creek Dr	Heath	TX	75032-8848	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765404667198	Ann Murphy Ezzell, a/k/a Ann Murphy Daily	PO Box 2648	Roswell	NM	88202-2648	Your item was picked up at the post office at 11:00 am on March 7, 2024 in ROSWELL, NM 88201.
9414811898765404667143	Ann Murphy Ezzell, a/k/a Ann Murphy Daily	35 Encantado Loop	Santa Fe	NM	87508-8280	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765404667181	Apollo Permian, LLC	PO Box 14779	Oklahoma City	OK	73113-0779	Your item has been delivered and is available at a PO Box at 11:45 am on March 5, 2024 in OKLAHOMA CITY, OK 73114.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667174	Bane Bigbie	PO Box 998	Ardmore	OK	73402-0998	Your item has been delivered and is available at a PO Box at 8:00 am on March 5, 2024 in ARDMORE, OK 73402.
9414811898765404667310	Chalfant Family Partnership LP	PO Box 3123	Midland	TX	79702-3123	Your item was picked up at a postal facility at 12:58 pm on March 6, 2024 in MIDLAND, TX 79701.
9414811898765404667358	Contango Agentco Onshore, Inc.	111 E 5th St Ste 300	Fort Worth	TX	76102-5472	Your item was delivered to an individual at the address at 2:56 pm on March 11, 2024 in FORT WORTH, TX 76102.
9414811898765404667365	DJHC, Ltd.	5600 W Lovers Ln Unit 116-341	Dallas	TX	75209-4330	Your item was delivered to an individual at the address at 4:30 pm on March 11, 2024 in DALLAS, TX 75209.
9414811898765404667327	Dorchester Minerals LP	3838 Oak Lawn Ave Ste 300	Dallas	TX	75219-4541	Your item was delivered to the front desk, reception area, or mail room at 1:13 pm on March 5, 2024 in DALLAS, TX 75219.
9414811898765404667303	Earl E. Ellis and Wife, Anne W. Ellis	19 Cumberland Dr	Pinehurst	NC	28374-8545	Your item was delivered to the front desk, reception area, or mail room at 12:02 pm on March 9, 2024 in PINEHURST, NC 28374.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667396	Earl E. Ellis and Wife, Anne W. Ellis	202 Cleft Rd	Mill Neck	NY	11765-1001	Your item was delivered to the front desk, reception area, or mail room at 9:23 am on March 7, 2024 in MILL NECK, NY 11765.
9414811898765404667389	Eileen Grevey LLC	915 Camino Ranchitos NW	Albuquerque	NM	87114-1815	Your item is being held at the ALBUQUERQUE, NM 87114 post office at 9:18 am on March 6, 2024. This is at the request of the customer.
9414811898765404667334	Eileen Grevey LLC	2015 Wyoming Blvd NE Ste G	Albuquerque	NM	87112-2647	Your item is being held at the ALBUQUERQUE, NM 87112 post office at 8:14 am on March 6, 2024. This is at the request of the customer.
9414811898765404667372	Helen A. Grevey LLC	PO Box 5383	Denver	CO	80217-5383	Your item has been delivered to an agent for final delivery in DENVER, CO 80217 on March 6, 2024 at 4:26 am.
9414811898765404667013	Hutchings Oil Company	PO Box 1216	Albuquerque	NM	87103-1216	Your item has been delivered and is available at a PO Box at 8:40 am on March 6, 2024 in ALBUQUERQUE, NM 87103.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667051	HW Land Company, LLC	3711 N Classen Blvd	Oklahoma City	OK	73118-2839	Your item was picked up at the post office at 9:32 am on March 5, 2024 in OKLAHOMA CITY, OK 73118.
9414811898765404667068	Innoventions, Inc.	100 N Pennsylvania Ave	Roswell	NM	88203-4620	Your item has been delivered to the original sender at 1:40 pm on March 14, 2024 in SANTA FE, NM 87501.
9414811898765404667020	Innoventions, Inc.	PO Box 40	Cedar Crest	NM	87008-0040	Your item was picked up at a postal facility at 12:13 pm on March 5, 2024 in CEDAR CREST, NM 87008.
9414811898765404667099	James K. Lusk and Martha L. Lusk Trust U/A Dated 4-29-92, James K. Lusk, Trustee	2020 Osceola St	Denver	CO	80212-1147	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765404667044	James K. Lusk and Martha L. Lusk Trust U/A Dated 4-29-92, James K. Lusk, Trustee	PO Box 1310	Wilsonville	OR	97070-1310	Your item has been delivered and is available at a PO Box at 8:47 am on March 5, 2024 in WILSONVILLE, OR 97070.
9414811898765404667082	Jetstream Royalty Partners, LP	PO Box 471396	Fort Worth	TX	76147-1396	Your item has been delivered and is available at a PO Box at 8:07 am on March 5, 2024 in FORT WORTH, TX 76147.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667037	KRE/MDT 2, c/o Kathryn R. Esping Woods	500 N Akard St Ste 1500	Dallas	TX	75201-6651	Your item was delivered to the front desk, reception area, or mail room at 11:17 am on March 5, 2024 in DALLAS, TX 75201.
9414811898765404667075	Lazy J Bar Cane, LLC	PO Box 3660	Roswell	NM	88202-3660	Your item was picked up at the post office at 11:30 am on March 5, 2024 in ROSWELL, NM 88201.
9414811898765404667419	LEM, LLC	PO Box 2484	Roswell	NM	88202-2484	Your item was picked up at the post office at 10:37 am on March 6, 2024 in ROSWELL, NM 88201.
9414811898765404667457	Marianne Fisher LLC	PO Box 5383	Denver	CO	80217-5383	Your item has been delivered to an agent for final delivery in DENVER, CO 80217 on March 6, 2024 at 4:26 am.
9414811898765404667464	Mark B. Murphy Irrevocable Trust U/A Dated 12-11-12, Mark B. Murphy, Trustee	PO Box 2484	Roswell	NM	88202-2484	Your item was picked up at the post office at 10:43 am on March 7, 2024 in ROSWELL, NM 88201.
9414811898765404667426	Matthew B. Murphy	PO Box 1561	Roswell	NM	88202-1561	Your item was picked up at the post office at 10:42 am on March 6, 2024 in ROSWELL, NM 88201.
9414811898765404667402	Mitchell Exploration, Inc.	6212 Homestead Blvd	Midland	TX	79707-5059	Your item was delivered to an individual at the address at 12:16 pm on March 5, 2024 in MIDLAND, TX 79707.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667495	Pegasus Resources II, LLC	PO Box 470698	Fort Worth	TX	76147-0698	Your item has been delivered and is available at a PO Box at 8:06 am on March 5, 2024 in FORT WORTH, TX 76147.
9414811898765404667440	Permian Basin Investment Corp.	4010 Chainhurst Dr	Richardson	TX	75082-3660	Your item was delivered to an individual at the address at 12:06 pm on March 5, 2024 in RICHARDSON, TX 75082.
9414811898765404667488	Robert Eaton	2505 Don Juan Loop NW	Albuquerque	NM	87104-3050	Your item was forwarded to a different address at 1:27 pm on March 5, 2024 in ALBUQUERQUE, NM. This was because of forwarding instructions or because the address or ZIP Code on the label was incorrect.
9414811898765404667433	Robert Eaton	9 Broken Arrow Pl	Sandia Park	NM	87047-8548	Your item was picked up at the post office at 11:20 am on March 7, 2024 in SANDIA PARK, NM 87047.
9414811898765404667471	Robin L. Morgan	135 W Cottonwood Rd	Artesia	NM	88210-9224	Your item was delivered to an individual at the address at 1:28 pm on March 5, 2024 in ARTESIA, NM 88210.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667518	Sealy Hutchings Cavin, Inc.	PO Box 1125	Roswell	NM	88202-1125	Your item was picked up at the post office at 1:04 pm on March 5, 2024 in ROSWELL, NM 88201.
9414811898765404667556	Sealy Hutchings Cavin, Inc.	PO Box 1216	Albuquerque	NM	87103-1216	Your item has been delivered and is available at a PO Box at 8:12 am on March 5, 2024 in ALBUQUERQUE, NM 87103.
9414811898765404667563	Susan S. Murphy Marital Trust U/A Dated 11- 15-12, Susan S. Murphy, Trustee	PO Box 2484	Roswell	NM	88202-2484	Your item was picked up at the post office at 10:37 am on March 6, 2024 in ROSWELL, NM 88201.
9414811898765404667525	TD Minerals LLC	8111 Westchester Dr Ste 900	Dallas	TX	75225-6146	Your item was delivered to an individual at the address at 11:29 am on March 5, 2024 in DALLAS, TX 75225.
9414811898765404667594	The James K. Lusk and Martha L. Lusk Trust	2020 Osceola St	Denver	CO	80212-1147	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765404667549	Warren, Inc.	PO Box 10400	Albuquerque	NM	87184-0400	Your item has been delivered and is available at a PO Box at 7:42 am on March 6, 2024 in ALBUQUERQUE, NM 87184.

COG - Redtail 602H, 701H, 703H wells - Case nos. 24224-24226
Postal Delivery Report

9414811898765404667587	West Bend Energy Partners III, LLC	1320 S University Dr Ste 701	Fort Worth	TX	76107-8061	Your item was delivered to the front desk, reception area, or mail room at 12:33 pm on March 5, 2024 in FORT WORTH, TX 76107.
9414811898765404667532	Western Oil Producers, Inc.	PO Box 2800	Midland	TX	79702-2800	Your item was picked up at a postal facility at 11:44 am on March 8, 2024 in MIDLAND, TX 79701.
9414811898765404666214	Western Oil Producers, Inc.	126 Poppy Rd	Roswell	NM	88201-8805	Your item was picked up at the post office at 1:06 pm on March 6, 2024 in ROSWELL, NM 88201.
9414811898765404666252	Winn Investments, Inc.	706 Brazos St	Roswell	NM	88201-3372	Your item was delivered to an individual at the address at 3:53 pm on March 5, 2024 in ROSWELL, NM 88201.
9414811898765404666269	Marathon Oil Permian LLC	990 Town And Country Blvd	Houston	TX	77024-2217	Your item was delivered to the front desk, reception area, or mail room at 10:16 am on March 7, 2024 in HOUSTON, TX 77024.
9414811898765404666207	Strata Production Company	PO Box 1030	Roswell	NM	88202-1030	Your item was picked up at the post office at 10:41 am on March 12, 2024 in ROSWELL, NM 88201.



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

March 1, 2024

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS AND OTHER AFFECTED PARTIES

Re: Application of COG Operating LLC for Approval of an Overlapping Compulsory Pooling, Lea County, New Mexico: Redtail Federal Com 602H

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 March 21, 2024, and the status of the hearing can be monitored through the Division’s website at <https://www.emnrd.nm.gov/ocd/>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually 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 by this application. You are receiving this notice because you own an interest in the Bone Spring formation that is not being included in the horizontal 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 Michael Monju at (432) 685-4397 or at Michael.F.Monju@conocophillips.com.

Sincerely,

Michael H. Feldewert
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

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

COG - Redtail BS 602H well - Case no. 24224
Postal Delivery Report

9214 8901 9403 8350 9291 14	CIMAREX ENERGY CO 6001 DEAUVILLE BLVD/ SUITE 300N MIDLAND TX 79706	Delivered Signature Received
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Paula M. Vance
Associate
Phone (505) 988-4421
Email pmvance@hollandhart.com

March 1, 2024

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: Bureau of Land Management
301 Dinosaur Trail
Santa Fe, NM 87508

Re: Notice of Overlapping Spacing Unit
Red Tank; Bone Spring [51683]; and
Diamondtail; Bone Spring [17644]
Redtail Federal Com 602H
Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections
11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico

To Whom It May Concern:

COG Operating, LLC has proposed the Redtail Federal Com 602H well for the initial development of the Third Bone Spring. This letter is to advise you that this proposed development plan will require the formation of the following 959.23-acre spacing unit:

- Land Description: Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico
- Well: Redtail Federal Com 602H
- SHL: 220' FNL, 2,005 FEL of Section 2, T23S-R32E
- BHL: 50' FSL, 1,450 FEL of Section 14, T23S-R32E
- TVD: 12,140'
- Target Formation: Third Bone Spring

The proposed 959.23-acre spacing unit will overlap the following existing spacing units and wells:

- 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG's Redtail State Com 1H (API: 30-025-40181) and producing from the Red Tank: First Bone Spring formation;

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



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

- 160-acre horizontal well spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado’s Cuervo Federal 20H (API: 30-025-40559), producing from the Avalon within the Diamondtail; Bone Spring formation and Cuervo Federal 26H (API: 30-025-42094), producing from the Diamondtail; Second Bone Spring formation; and
- 160-acre horizontal well spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado’s Cuervo Federal 21H (API: 30-025-41495), producing from the Avalon within the Diamondtail; Bone Spring formation.

Pursuant to NMAC 19.15.16.15.B(9) and 19.15.15.12.B, you have a right to object the overlapping spacing unit by delivering a written statement of objection to our office within twenty (20) days of the mailing of this notice. If no objection is received within this 20-day period, we will proceed with obtaining any remaining regulatory approvals for the proposed spacing unit.

If you have any questions about this matter, please contact my office.

Sincerely,

A handwritten signature in blue ink that reads "Paula M. Vance".

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



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

March 1, 2024

VIA CERTIFIED MAIL
CERTIFIED RECEIPT REQUESTED

TO: State Land Office of New Mexico
P.O. Box 1148
Santa Fe, NM 87504

Re: Notice of Overlapping Spacing Unit
Red Tank; Bone Spring [51683]; and
Diamondtail; Bone Spring [17644]
Redtail Federal Com 602H
Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections
11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico

To Whom It May Concern:

COG Operating, LLC has proposed the Redtail Federal Com 602H well for the initial development of the Third Bone Spring. This letter is to advise you that this proposed development plan will require the formation of the following 959.23-acre spacing unit:

- Land Description: Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico
- Well: Redtail Federal Com 602H
- SHL: 220' FNL, 2,005 FEL of Section 2, T23S-R32E
- BHL: 50' FSL, 1,450 FEL of Section 14, T23S-R32E
- TVD: 12,140'
- Target Formation: Third Bone Spring

The proposed 959.23-acre spacing unit will overlap the following existing spacing units and wells:

- 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG's Redtail State Com 1H (API: 30-025-40181) and producing from the Red Tank: First Bone Spring formation;

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

- 160-acre horizontal well spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado’s Cuervo Federal 20H (API: 30-025-40559), producing from the Avalon within the Diamondtail; Bone Spring formation and Cuervo Federal 26H (API: 30-025-42094), producing from the Diamondtail; Second Bone Spring formation; and
- 160-acre horizontal well spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado’s Cuervo Federal 21H (API: 30-025-41495), producing from the Avalon within the Diamondtail; Bone Spring formation.

Pursuant to NMAC 19.15.16.15.B(9) and 19.15.15.12.B, you have a right to object the overlapping spacing unit by delivering a written statement of objection to our office within twenty (20) days of the mailing of this notice. If no objection is received within this 20-day period, we will proceed with obtaining any remaining regulatory approvals for the proposed spacing unit.

If you have any questions about this matter, please contact my office.

Sincerely,

A handwritten signature in blue ink that reads "Paula M. Vance".

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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Idaho	New Mexico	Wyoming

COG - Redtail 602H - Case no. 24224 - Letters

Postal Delivery Report

9214 8901 9403 8350 9364 64	STATE LAND OFFICE OF NEW MEXICO PO BOX 1148 SANTA FE NM 87504	Delivered Signature Received
9214 8901 9403 8350 9364 71	BUREAU OF LAND MANAGEMENT 301 DINOSAUR TRL SANTA FE NM 87508	Delivered Signature Received

Affidavit of Publication

STATE OF NEW MEXICO
COUNTY OF LEA

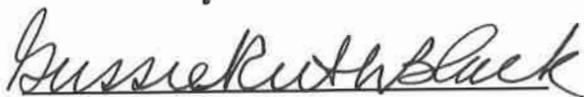
I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated
February 25, 2024
and ending with the issue dated
February 25, 2024.



Publisher

Sworn and subscribed to before me this
25th day of February 2024.



Business Manager

My commission expires
January 29, 2027

(Seal) STATE OF NEW MEXICO
NOTARY PUBLIC
GUSSIE RUTH BLACK
COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

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

LEGAL NOTICE February 25, 2024

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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. The hearings 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 (sign-in information below) on Thursday, March 21, 2024, beginning at 8:15 a.m. To participate in the hearings, see the instructions posted below. The docket may be viewed at <https://www.emnrd.nm.gov/ocd/hearing-info/> or obtained from Sheila Apodaca, at Sheila.Apodaca@emnrd.nm.gov. Documents filed in these cases may be viewed at <https://ocdimage.emnrd.nm.gov/Imaging/Default.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Sheila.Apodaca@emnrd.nm.gov, or the New Mexico Relay Network at 1-800-659-1779, no later than March 10, 2024.

**STATE OF NEW MEXICO TO:
All named parties and persons
having any right, title, interest
or claim in the following case
and notice to the public.**

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All affected interest owners, including: Alasco Oil and Gas, Inc.; Alma Williams Howard, her heirs and devisees; Ann Murphy Ezzell, a/k/a Ann Murphy Daily, her heirs and devisees; Apollo Permian, LLC; Bane Bigbie, his heirs and devisees; Chalfant Family Partnership LP; Contango Agentco Onshore, Inc.; DJHC, Ltd.; Dorchester Minerals LP; Earl E. Ellis and Wife, Anne W. Ellis, their heirs and devisees; Eileen Grevey LLC; Helen A. Grevey LLC; Hutchings Oil Company; HW Land Company, LLC; Innoventions, Inc.; James K. Lusk and Martha L. Lusk Trust U/A dated 4-29-92, James K. Lusk, Trustee; Jetstream Royalty Partners, LP; KRE/MDT 2; Lazy J Bar Cane, LLC; LEM, LLC; Marianne Fisher LLC; Mark B. Murphy Irrevocable Trust U/A dated 12-11-12, Mark B. Murphy, Trustee; Matthew B. Murphy, his heirs and devisees; Mitchell Exploration, Inc.; Pegasus Resources II, LLC; Permian Basin Investment Corp.; Robert Eaton, his heirs and devisees; Robin L. Morgan, his or her heirs and devisees; Sealy Hutchings Cavin, Inc.; Susan S. Murphy Marital Trust U/A dated 11-15-12, Susan S. Murphy, Trustee; TD Minerals LLC; The James K. Lusk and Martha L. Lusk Trust; Warren, Inc.; West Bend Energy Partners III, LLC; Western Oil Producers, Inc.; Winn Investments, Inc.; Marathon Oil Permian LLC; Strata Production Company, Cimarex Energy Co., Bureau of Land Management and State Land Office of New Mexico.

Case No. 24224: Application of COG Operating LLC for Approval of an Overlapping Horizontal Well Spacing Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling certain non-cost bearing owners with an interest in the Third Bone Spring interval of the Bone Spring formation underlying a standard 959.23-acre, more or less, horizontal well spacing unit comprised of Lots 1 & 2, S/2 NE/4, SE/4 of irregular Section 2 (E/2 equivalent) and the E/2 of Sections 11 and 14, Township 23 South, Range 32 East, NMPM, Lea County, New Mexico. Applicant seeks to initially dedicate the above-referenced horizontal spacing unit to the proposed **Redtail Federal Com 602H** well to be horizontally drilled from a surface location in the NE/4 of Section 2, with a first take point in Lot 2 of irregular Section 2 and the last take point in the SW/4 SE/4 (Unit O) of Section 14. This horizontal well spacing unit will overlap the following existing Bone Spring spacing units:
• 160-acre horizontal well spacing unit comprised of Lot 1, SE/4 NE/4 and the E/2 SE/4 of irregular Section 2 (E/2 E/2 equivalent), dedicated to COG's Redtail State Com 1H (API: 30-025-40181);
• 160-acre horizontal wells spacing unit comprised of the E/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 20H (API: 30-025-40559) and Cuervo Federal 26H (API: 30-025-42094); and
• 160-acre horizontal wells spacing unit comprised of the W/2 E/2 of Section 14, dedicated to Cimarex Energy Co. of Colorado's Cuervo Federal 21H (API: 30-025-41495).

The completed interval of the **Redtail Federal Com 602H** is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under 19.15.16.15.B(1)(b) NMAC. An ownership depth severance exists in the Bone Spring formation, within the proposed horizontal well spacing unit. Accordingly, Applicant seeks to pool only the Third Bone Spring interval of the Bone Spring formation, defined as the stratigraphic equivalent of between 11,104 feet and 12,312 feet total vertical depth, as seen in the Triste Draw Federal #2 (API 30-025-27708). Said area is located approximately 25 miles east of Malaga, New Mexico.

#00287671

BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

Exhibit No. F

Submitted by: COG Operating LLC

Hearing Date: March 21, 2024

Case No. 24224