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

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

CASE NO. 23392

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Sean P. Miller
A-1	Copy of Resume
A-2	Application & Proposed Notice of Hearing
A-3	C-102
A-4	Plat of Tracts, Tract Ownership, Pooled Parties, Unit Recapitulation
A-5	Sample Well Proposal Letter & AFE
A-6	Chronology of Contact
Exhibit B	Self-Affirmed Statement of Deserae Jennings
B-1	Location Map of Deerstalker Federal Com #701H Well
B-2	Subsea Structure Map
B-3	Cross-Section Map
B-4	Stratigraphic Cross-Section
Exhibit C	Self-Affirmed Statement of Dana S. Hardy
C-1	Sample Notice Letter to All Interested Parties
C-2	Chart of Notice to All Interested Parties and Certified Mail Receipts
C-3	Copies of Certified Mail Receipts and Returns
C-4	Affidavit of Publication for February 8, 2023.

COMPULSORY POOLING APPLICATION CHECKLIST

Page 2 of 39

ALL INCODMATION IN THE	APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	C
IALL INFORMATION IN THE	APPLICATION MIDSI DE SUPPORTED DE SIGNED APPLDAVITA	3

Case: 23392	APPLICANT'S RESPONSE
Date	March 2, 2023
Applicant	COG Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	OGRID No. 229137
Applicant's Counsel:	Hinkle Shanor LLP
Case Title:	Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	None
Well Family	Deerstalker
Formation/Pool	
Formation Name(s) or Vertical Extent:	WC-023 G-09 S243532M
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	WC-023 G-09 S243532M
Pool Name and Pool Code:	Wolfbone Pool, Code WC-023 G-09 S243532M
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	400.82
Building Blocks:	quarter-quarter
Orientation:	South/North
Description: TRS/County	E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, Lea County
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	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	Exhibit A-4
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	Deerstalker Federal Com #701H (API #) SHL: 683' FSL & 1530' FEL (Unit O), Section 8, T25S, R35E BHL: 2590' FSL & 990' FEL (Unit I), Section 32, T24S, R35E Completion Target: Wolfbone (Approx. 12,575' TVD)
Horizontal Well First and Last Take Points	Exhibit A-3
Completion Target (Formation, TVD and MD)	Exhibit A-5
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00

JuRgseartch 461 CGDer 2/38/2023t 8:55:07 AM	Exhibit A	Page 3
Requested Risk Charge	200%	
Notice of Hearing		
Proposed Notice of Hearing	Exhibit A-2	
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-1, Exhibit C-2, Exhibit C-3	
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4	
Ownership Determination		
Land Ownership Schematic of the Spacing Unit	Exhibit A-4	
Tract List (including lease numbers and owners)	Exhibit A-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 A-4	
Unlocatable Parties to be Pooled	N/A	
Ownership Depth Severance (including percentage above & below)	N/A	
Joinder		
Sample Copy of Proposal Letter	Exhibit A-5	
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4	
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6	
Overhead Rates In Proposal Letter	Exhibit A-5	
Cost Estimate to Drill and Complete	Exhibit A-5	
Cost Estimate to Equip Well	Exhibit A-5	
Cost Estimate for Production Facilities	Exhibit A-5	
Geology		
Summary (including special considerations)	Exhibit B	
Spacing Unit Schematic	Exhibit B-1	
Gunbarrel/Lateral Trajectory Schematic	N/A	
Well Orientation (with rationale)	Exhibit B	
Target Formation	Exhibit B	
HSU Cross Section	Exhibit B-3	
Depth Severance Discussion	N/A	
Forms, Figures and Tables		
C-102	Exhibit A-3	
Tracts	Exhibit A-4	
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4	
General Location Map (including basin)	Exhibit B-1	
Well Bore Location Map	Exhibit B-1	
Structure Contour Map - Subsea Depth	Exhibit B-2	
Cross Section Location Map (including wells)	Exhibit B-3	
Cross Section (including Landing Zone)	Exhibit B-4	
Additional Information		
Special Provisions/Stipulations	N/A	

Prikaced was the CARO rate of 80 Party Representative):	Dana S. Hardy Page 4	of 39
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy	
Date:	2/28/2023	

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

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

CASE NO. 23392

SELF-AFFIRMED STATEMENT OF SEAN P. MILLER

- 1. I am a Senior Land Negotiator for COG Operating LLC ("COG"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have not previously testified before the New Mexico Oil Conservation Division ("Division"). A copy of my resume is attached as **Exhibit A-1**.
- 2. I am familiar with the land matters involved in the above-referenced case. Copies of COG's application and proposed hearing notice are attached as **Exhibit A-2**.
- 3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit, therefore I do not expect any opposition at hearing.
- 4. COG seeks an order pooling all uncommitted interests in the WC-023 G-09 S243532M pool underlying a 400.82-acre, more or less, standard horizontal spacing unit comprised of the E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, Lea County, New Mexico ("Unit")
- 5. The Unit will be dedicated to the **Deerstalker Federal Com #701H** well ("Well"), which will be completed in the Wolfbone Pool, Code WC-023 G-09 S243532M Pool. The Well will be horizontally drilled from a surface hole location in the SW/4 SE/4 (Unit O) of Section 8, Township 25 South, Range 35 East, to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 32, Township 24 South, Range 35 East.

- 6. The completed interval of the Well will be orthodox.
- 7. **Exhibit A-3** contains the C-102 for the Well.
- 8. **Exhibit A-4** contains a plat identifying ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests COG seeks to pool highlighted in yellow. All of the parties are locatable in that COG believes it located valid addresses for them.
- 9. COG has conducted a diligent search of all county public records including phone directories and computer databases, as well as internet searches, to locate the interest owners it seeks to pool.
- 10. **Exhibit A-5** contains a sample well proposal letter and AFE sent to the working interest owners for the Well. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 11. In my opinion, COG made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit A-6**.
- 12. COG requests overhead and administrative rates of \$8,000 per month while the Well is being drilled and \$800 per month while the Well is producing. These rates are fair and are comparable to the rates charged by COG and other operators in the vicinity.
- 13. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.
- 14. In my opinion, the granting of COG's application for compulsory pooling would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

15. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Sean P. Miller

2/16/2023 Date

Sean Patrick Miller, CPL

3412 Meadowridge Ln, Midland, TX 79707

seanpmiller7@gmail.com

713.907.7583

www.linkedin.com/in/seanmiller90

Petroleum Landman Degrees in both business management & petroleum land management

Degrees in both business management and land & resource management with over 9 years experience working as a professional as both an In-House and field Landman. Active AAPL member since 2013.

Work experience includes 4 years operational and non-op land in the Permian Basin in both New Mexico and Texas assets. Over 5 years experience in Rockies and Appalachia assets both in house and field. Specific roles include:

- Drilling unit creation and asset management
- Contract drafting & negotiating
- Managing brokers for title/leasing/curative
- New Mexico & Texas drilling program
- Extensive industry software familiarity
- Acquisition/Divestitures & Trades

Professional Experience

Concho Resources/ConocoPhillips, Midland, Texas

10/2018 - Present

Sr. Land Negotiator, Texas & New Mexico Asset - Permian Basin

- Responsible for extensive urban leasing program and unit creation running brokers and coordinating with title attorneys for multi-well projects on drill schedule.
- New Mexico OCD compulsory pooling applications and hearings.
- Negotiated contracts including Joint Operating Agreements, Leases, Purchase and Sale Agreements and other negotiable instruments with working interest partners and mineral owners.
- Drilling unit creation through JOA's, Pooling Agreements, Production Sharing Agreements, SUA's etc for contract rights and payment structures to both non-operators and royalty owners.
- Handled curative matters in conjunction with title attorney and brokers in the field.
- Responsible for company operated assets located in Midland, & Martin County, Texas as well as Lea County, NM

Landman II, Joint Interest Ventures Non-Op Team – Permian Basin

- Reviewed well proposals from outside operators primarily in New Mexico as wells as Texas, coordinating with reservoir engineering and geology to determine economics.
- Negotiated contracts including Joint Operating Agreements, Facility Sharing Agreements, Exchange Agreements, Leases, ect.
- Handled trades in both Eddy and Lea counties for acreage positions.

EOG Resources: Denver, CO

1/2018 - 8/2018

Contract Landman. North Dakota Asset

• Ran title for prospective drilling operations in Bakken target area.

Page Two

Lone Tree Energy, Littleton, Colorado

2014 - 2018

Contract Landman, Wyoming & West Virginia (Wetzel, Tyler & Marshall counties)

Analyzed records in major drilling asset areas to prepare reports showing ownership of oil and gas rights by abstracts, lease checks and full draft title.

- Completed over 100 lease check title reports to determine mineral owners for leasing purposes in the listed counties in West Virginia
- In a 6-month time period completed 15 full draft title reports to determine full ownership and verify lease bonus payments.
- As a part of a two-man team, analyzed and corrected ownership reports to ensure clarity and accuracy for client.
- Collaborated in developing company sharepoint database, which allowed field and office personnel to assess competitor activity in asset area.
- Compiled over 50 mineral title abstracts covering BLM and private lands furnished to client.

SM Energy, Billings, Montana

2014

Landman Internship, Northern (North Dakota) and Southern (Wyoming) Asset Group An intern who performed as an in-house landman reviewing legal contracts and title opinions, managing industry mapping software, negotiating leases and addressing land owner relations.

- Reviewed leases to determine possible lease forfeiture to the company due to poorly constructed clauses.
- Prepared working interest and net revenue percentages on over 50 SM operated/non-operated drilling proposals for review by senior landman.
- Coordinated and distributed new well proposals to working interest partners by drafting election letters.
- Conducted searches through online sites, company databases, and phone calls to find unlocatable mineral owners and contacted them directly to negotiate lease terms and bonus offers.
- Partnered with Sr. Landman based in Williston, ND in negotiating surface use agreements, right-of-ways and pipeline easements with land owners in the North Dakota asset.
- Entered lease data into industry mapping software to visualize companies' lease position versus competitor lease positions.

Noble Energy, Denver, Colorado

2012 - 2013

Land Analyst, DJ Basin Group

Facilitated the state regulatory compliance process as well as contract analysis. Member of Arc GIS program review team to determine company lease expiration schedule.

Education

Bachelor of Petroleum Land and Resource Management *GPR: 3.82*

2014

Western State Colorado University, Gunnison, Colorado

Bachelor of Business Administration in Management GPR: 3.19

2012

• Texas A&M University, College Station, Texas

Released to Imaging: 2/28/2023 9:03:14 AM

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

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

Case No. 23392

APPLICATION

Pursuant to NMSA § 70-2-17, COG Operating LLC ("Applicant") (OGRID No. 229137) applies for an order pooling all uncommitted mineral interests in the WC-023 G-09 S243532M pool, underlying a 400.82-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, Lea County, New Mexico. In support of its application, Applicant states the following:

- 1. Applicant is a working interest owner in the Unit and has the right to drill wells thereon.
- 2. The Unit will be dedicated to the **Deerstalker Federal Com #701H** well ("Well") to be horizontally drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 8, Township 25 South, Range 35 East, to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 32, Township 24 South, Range 35 East.
 - 3. The completed interval of the Well is orthodox.
- 4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all the mineral interest owners.
- 5. The pooling of uncommitted mineral interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

6. In order to allow Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted mineral interests in the Unit should be pooled and Applicant should be designated the operator of the Well and Unit.

WHEREFORE, Applicant requests this application be set for hearing on March 2, 2023, and that after notice and hearing the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the Well in the Unit;
- C. Designating Applicant as operator of the Unit and the Well to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping and completing the
 Well;
- 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% penalty for the risk assumed by Applicant in drilling and completing the Well against any working interest owner who does not voluntarily participate in the drilling of the Well.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy Jaclyn M. McLean Yarithza Peña P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554
Facsimile: (505) 982-8623
dhardy@hinklelawfirm.com
jmclean@hinklelawfirm.com
ypena@hinklelawfirm.com

Counsel for COG Operating LLC

Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. COG Operating, LLC ("Applicant") seeks an order pooling all uncommitted interests in the WC-023 G-09 S243532M pool, underlying a 400.82-acre, more or less, standard horizontal spacing unit comprised of the E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, Lea County, New Mexico. Applicant seeks to dedicate the Unit to the **Deerstalker Federal Com #701H** well ("Well") to be horizontally drilled from a surface location in the SW/4 SE/4 (Unit O) of Section 8, Township 25 South, to a bottom hole location in the NE/4 SE/4 (Unit I) of Section 32, Township 24 South. Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 11 miles west of Jal, New Mexico.

COG Operating LL Page 13 of 39

Case No. 23392

Exhibit A-3

 $\begin{array}{c} \text{DISTRICT I} \\ \text{1625 N. FRENCH DR., HOBBS, NM 88240} \\ \text{Phone: (576) 393-6161 Fax: (575) 393-0720} \end{array} \begin{array}{c} \text{Energy, Minera} \\ \text{OIL COI} \\ \text{Bill S. First St., ARTESIA, NM 88210} \\ \text{Phone: (576) 748-1283 Fax: (575) 748-9720} \end{array}$

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

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

□ AMENDED REPORT

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87605
Phone: (505) 476-3460 Fax: (505) 478-3462

	WELL LOCATION AND	ACREAGE DEDICATION PLAT			
API Number	Pool Code	Pool Name			
	WC-023 G-09 S243532M	Wolfbone			
Property Code	Prop	Well Number			
	DEERSTALKE	DEERSTALKER FEDERAL COM			
OGRID No.	0per	Operator Name			
229137	COG OPE	COG OPERATING, LLC			

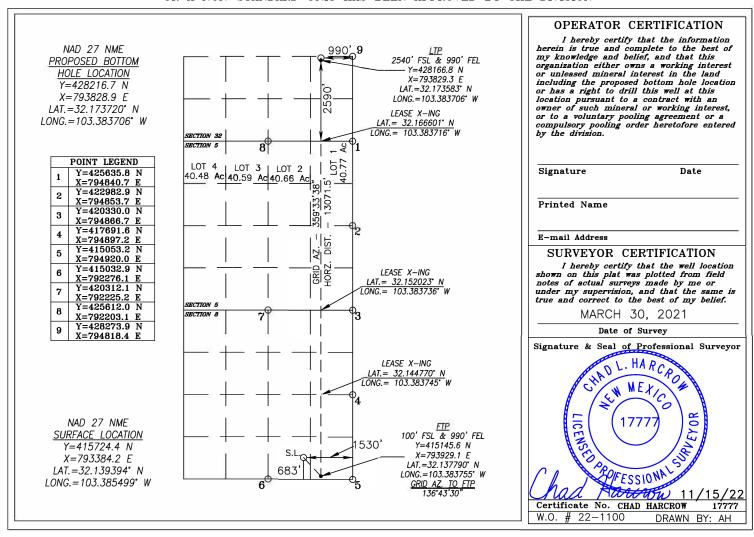
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	8	25-S	35-E		683	SOUTH	1530	EAST	LEA

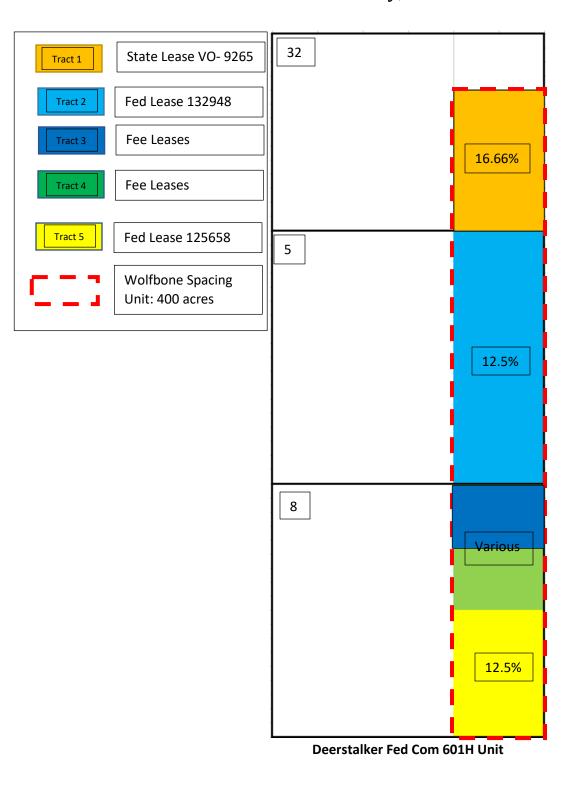
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
(0)	32	24-S	35-E		2590	SOUTH	990	EAST	LEA
Dedicated Acres 400.82	Joint or	r Infill	Consolidation	Code Or	der 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



Deerstalker 701H Project T25S-R35E: Sections 5 & 8: E2E2 T24S-R35E: Section 32: E2SE4 Lea County, New Mexico



Deerstalker 701H Project

T25S-R35E: Sections 5 & 8: E2E2 T24S-R35E: Section 32: E2SE4

Lea County, New Mexico

Unit Working Interest

COG Operating LLC	89.48582200%
COG Acreage LP	4.34487100%
BEXP I LP	1.63220900%
Marathon Oil Permian	1.59672700%
MRC Permian Company	1.53019600%
ConocoPhillips Company	0.76509800%
Chief Capital (O&G) II, LLC	0.53862900%
RSP Permian, L.L.C.	0.10644800%
Total WI	100.00000000%

COG Operating LLC	1.0000000
Total	1.0000000

<u>Tract 2 – E2E2 of Section 5 – T25S-R35E</u>

COG Operating LLC	1.0000000
Total	1.0000000

<u>Tract 3 – NENE of Section 8 – T25S-R35E</u>

Total	1.0000000
COG Acreage LP	.0355556
RSP Permian, L.L.C.	.00533333
Chief Capital (O&G) II, LLC	.05397333
ConocoPhillips Company	.07666667
MRC Permian Company	.15333333
Marathon Oil Permian LLC	.08000000
BEXP I OG, LLC	.09244444
COG Operating LLC	.50269334

<u>Tract 4 – SENE of Section 8 – T25S-R35E</u>

Total	1.0000000
COG Acreage LP	.39982222
RSP Permian, L.L.C.	.00533333
Marathon Oil Permian LLC	.08000000
BEXP I OG, LLC	.07111111
COG Operating LLC	.44373334

<u>Tract 5 – E2SE of Section 8 – T25S-R35E</u>

Total	1.0000000
COG Operating LLC	1.0000000

Pooling Notification List

Working Interest Owners

Marathon Oil Permian, LLC 990 Town and Country Blvd. Houston, TX 77024

Chief Capital (O&G) II LLC 8111 Westchester Rd., Suite 900 Dallas, TX 75225

MRC Permian Company
5400 Lyndon B Johnson Fwy, Suite 1500
Dallas, Tx 75240

Chisos Minerals, LLC P. O. Box 470788 Ft. Worth, TX 76147

Overriding Royalty Interest Owners

Nilo Operating Company P. O. Box 4262 Houston, TX 77210



Sean P. Miller, CPL Sr. Land Negotiator

600 W. Illinois Ave Midland, TX 79701 Sean.Miller@conocophillips.com

Via Federal Express

November 14, 2022

Marathon Oil Permian, LLC 990 Town and Country Blvd. Houston, TX 77024

Re: Well Proposal - Deerstalker Federal Com 701H

<u>Township 24 South – Range 35 East, N.M.P.M.</u>

Section 32: E2SE4

Township 25 South – Range 35 East, N.M.P.M.

Section 5: E2E2 Section 8: E2E2

Lea County, New Mexico 400.82 C – Wolfbone Pool

Marathon Oil Permian, LLC

COG Operating LLC ("COG"), as Operator, hereby proposes the drilling of the following horizontal well with productive laterals located in the E2SE of Section 32, Township 24 South – Range 35 East and the E2E2 of Section 5 and 8, Township 25 South – Range 35 East, Lea County, New Mexico, (collectively, the "Operation"). The surface pad location will be located in Unit Letter O of Section 8, T25S-R35E (or another location chosen by Operator).

• **DEERSTALKER FEDERAL COM #701H,** to be drilled to a depth sufficient to test the Wolfbone Pool at an approximate total vertical depth of 12,575 feet. The estimated surface hole location for this well is proposed at approximately 683' FSL, 1530' FEL or a location in Unit Letter O of Section 8. The first take point for this well is estimated at approximately 100' FSL, 990' FEL of Section 8, and the last take point is estimated at approximately 2540' FSL, 990' FEL of Section 32. The estimated bottom hole location for this well is proposed at approximately 2590' FSL, 990' FEL', of Section 32 or a location in Unit I of Section 32. The dedicated horizontal spacing unit will be the E2SE of Section 32, Township 24 South – Range 35 East and the E2E2 of Section 5 and 8, Township 25 South – Range 35 East, N.M.P.M. The total estimated cost to drill and complete said well is \$13,802,392.63, as shown on the attached Authority for Expenditure ("AFE").

COG is proposing these wells under the terms of a new Operating Agreement ("OA") which will be forthcoming. It will contain the following general provisions:

- 100% / 300% Non-Consenting Penalty;
- \$8,000 Drilling Overhead and \$800 Producing Overhead Rates; and
- COG Operating LLC as Operator

If you do not wish to participate, COG proposes to acquire your interest via term assignment. It has the following general provisions:

- 3 year primary term
- Delivering a 75% NRI, proportionately reduced
- \$2,000 per net acre bonus consideration

The Term Assignment offer terminates December 31, 2022 and is subject to the approval of COG's management and verification of title. If an agreement cannot be reached within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a spacing unit for the proposed well if uncommitted at such time.

Please indicate your participation elections in the spaces provided below, sign, and return this letter, along with a signed copy of the enclosed AFEs and fully executed signature pages to the JOA, in the enclosed postage paid envelope.

If you have any questions, please do not hesitate to contact me at 432-818-2371.

Sincerely,

Sean P. Miller

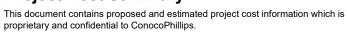
Sean P. Miller, CPL Sr. Land Negotiator

Deerstalker Federal Com 701H Page 3

 I/We hereby elect to participate in the drilling and completion of the DI	EERSTALKER FED COM 701H
 I/We hereby elect not to participate in the drilling and completion of the	ne DEERSTALKER FED COM 701H
Marathon Oil Permian, LLC	
By:	_
Name:	
Title:	_
Date:	

Project Cost Summary

Authorization Number



WA7.XDC.0659



Well Name	DEERSTALKER FEDERAL COM 701H
Job Type	Drill (Ver)
State	New Mexico - 30
County/Parish	Lea - 025

			Grand To	tal	
Cost Feature Group		Drilling	Completions	P&A	Facilities
A000: CASING & TUBING		\$1,730,748.72	\$0.00	\$0.00	\$184,250.00
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT		\$75,000.00	\$10,000.00	\$0.00	\$57,200.00
C000: COMPLETION EQUIPMENT & OTHER		\$0.00	\$0.00	\$0.00	\$1,439,540.00
D000: LOCATION (WELLSITE RELATED)		\$81,825.00	\$12,500.00	\$0.00	\$91,388.00
E000: RIGS & RIG RELATED		\$1,010,285.71	\$0.00	\$0.00	\$18,600.00
F000: DRILLING & COMPLETION UTILITIES (ALL)		\$369,000.00	\$1,080,000.00	\$0.00	\$0.00
G000: FLUID AND CHEMICALS SERVICES		\$312,000.00	\$40,000.00	\$0.00	\$0.00
H000: DIRECTIONAL DRILLING / MWD / LWD		\$395,600.00	\$0.00	\$0.00	\$0.00
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACC	5	\$302,505.20	\$0.00	\$0.00	\$0.00
K000: FORMATION EVALUATION		\$50,000.00	\$0.00	\$0.00	\$0.00
M000: COMPLETION & TESTING		\$0.00	\$15,000.00	\$0.00	\$0.00
N000: FORMATION STIMULATION & TREATING		\$0.00	\$3,392,000.00	\$0.00	\$0.00
O000: CERTIFICATION, INSPECT, CONTROL & TEST		\$0.00	\$0.00	\$0.00	\$0.00
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$75,000.00	\$30,000.00	\$0.00	\$19,500.00
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR		\$398,400.00	\$491,000.00	\$0.00	\$11,550.00
R000: BITS & MILLS		\$115,000.00	\$0.00	\$0.00	\$0.00
S000: SPECIAL SERVICES		\$136,500.00	\$336,000.00	\$0.00	\$17,100.00
T000: MISCELLANEOUS		\$456,700.00	\$162,000.00	\$0.00	\$260,000.00
U000: PERFORATING & SLICKLINE SERVICES		\$0.00	\$380,000.00	\$0.00	\$8,500.00
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D		\$0.00	\$0.00	\$0.00	\$0.00
W000: GENERAL FEES		\$42,500.00	\$0.00	\$0.00	\$0.00
X000: CONOCOPHILLIPS LABOR & OVERHEAD		\$7,200.00	\$22,000.00	\$0.00	\$53,000.00
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS		\$113,000.00	\$0.00	\$0.00	\$0.00
Grand Total		\$5,671,264.63	\$5,970,500.00	\$0.00	\$2,160,628.00
Project Tangibles:		1,805,748.72	10,000.00	0.00	1,680,990.0
Project Intangibles:		3,865,515.91	5,960,500.00	0.00	479,638.0
Project Totals:		5,671,264.63		0.00	2,160,628.0
	Total Tangibles (\$)			3,496,738.72	
	Total Intangibles (\$)			10,305,653.91	
	Grand Total (\$)			13,802,392.63	
Approved By:	C (4)		Data	10,000,000	
Approved By:			Date		
Last Edited By crgrego			Appro	oved By	
Last Edited Date Nov 07, 2022			Approv	ed Date	

Name/Address	Proposal Mailed	Delivered	30th day	Election	Communication
		20		Pool then	Email correspondance with Patricia
Manathan Oil Danmian III C				drop if	Schoenberger and Samuel Cox.
Marathon Oil Permian, LLC				signed OA	Confirmed their WI/NRI in both wells
990 Town and Country Blvd.				received	projects. Received request for
Houston, TX 77024					electronic copies of Deerstalker JOA's
(601H & 701H)					and provided latest drafts (1/5/2023)
Chief Capital (O&G) II LLC				Pool then	Plans to sign JOA (1/13/2023). Sent
8111 Westchester Rd., Suite				drop if	latest JOA draft 1/30/2023). No
900				signed OA	communication from Chief since
Dallas, TX 75225				received	
(701H)					
				Pool	Since only memo of OGL is recorded, title examiner is unclear as to what
					ownership MRC has. Requested lease
MRC Permian Company					from David Johns at MRC to
5400 Lyndon B Johnson Fwy,					ascertain exact title (12/19). Have
Ste 1500					followed up >30 times. Apparently
Dallas, TX 75240					MRC and lessor Chisos are in legal
(701H)					battle and cannot speak to title
,					ownership. Proposed well to both
					parties
				pool	
				1	Since only memo of OGL is recorded,
					title examiner is unclear as to what
					ownership MRC/Chisos has.
Chisos Minerals, LLC					Requested lease from Troy Galloway
P.O. Box 470788					at Chisos to ascertain exact title
Ft. Worth, TX 76147					(1/24). Have followed up >10 times.
(701H)					Apparently MRC and lessor Chisos
					are in legal battle and cannot speak
					to title ownership. Proposed well to both parties
					sour parties
COG Operating LLC				Yes to all and	
600 W Illinois Ave				signed the	
Midland, TX 79701				OA	
(601H & 701H)					
COG Acreage LP					
600 W Illinois Ave				Yes to all and	
Midland, TX 79701				signed the	
(601H & 701H)				OA	
RSP Permian, L.L.C.		-		Vanta di d	
600 W Illinois Ave				Yes to all and	
Midland, TX 79701				signed the OA	
(601H & 701H)				UA	
BEXP I OG, LLC				Yes to all and	
(601H & 701H)				signed the	
(**************************************	l			OA	COG Operating LLC

Name/Address	Ratification Mailed	Delivered	30th day	Signed (Y/N)
Nilo Operating				
Company				
P.O. Box 4262				
Houston, TX 77210	Υ			N

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

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

CASE NO. 23392

SELF-AFFIRMED STATEMENT OF DESERAE JENNINGS

- 1. I am a geologist for COG Operating LLC ("COG"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division ("Division") by affidavit, and my credentials as an expert in geology were accepted and made a matter of record.
 - 2. I am familiar with the geological matters that pertain to the above-referenced case.
- 3. **Exhibit B-1** is a location map of the proposed horizontal spacing unit ("Unit"). The approximate wellbore path for the proposed **Deerstalker Federal Com #701H** well is represented by a dashed pink line. Existing producing wells in the targeted interval are represented by solid red lines.
- 4. **Exhibit B-2** is a subsea structure map for the Wolfbone Pool that is representative of the targeted interval; this map shows the contoured top of the Wolfcamp Formation in SSTVD. The approximate wellbore path of the well is depicted by a dashed pink line. The map demonstrates the formation is gently dipping to the west in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.
- 5. **Exhibit B-3** is a cross section map that identifies three wells penetrating the targeted intervals used to construct a structural cross-section from A to A'. I used these well logs

because they penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.

6.Exhibit B-4 is a stratigraphic cross-section using the representative wells identified on Exhibit B-3. It contains gamma ray, resistivity and porosity logs. The proposed landing zone for the well is labeled on the exhibit. This cross-section demonstrates the target intervals are continuous across the Unit.

7. In my opinion, a standup orientation for the well is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and the lack of preferred fracture orientation in this portion of the trend.

8. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal wells and the tracts comprising the Unit will contribute more or less equally to the production of the well.

9. In my opinion, the granting of COG's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

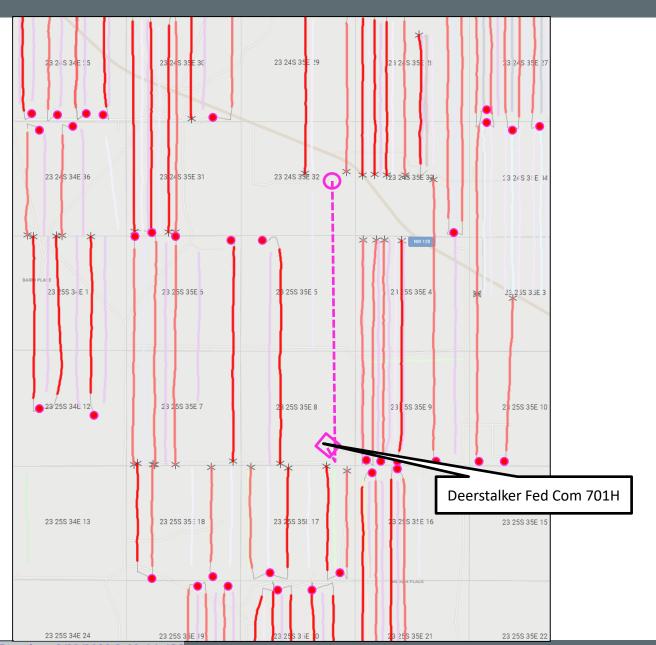
10. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

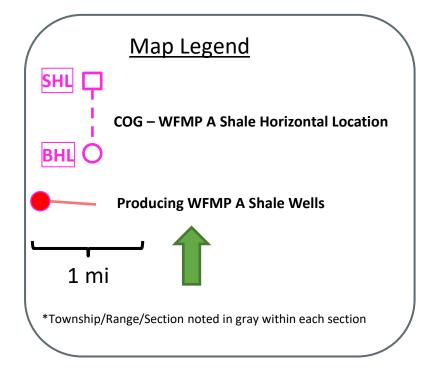
11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

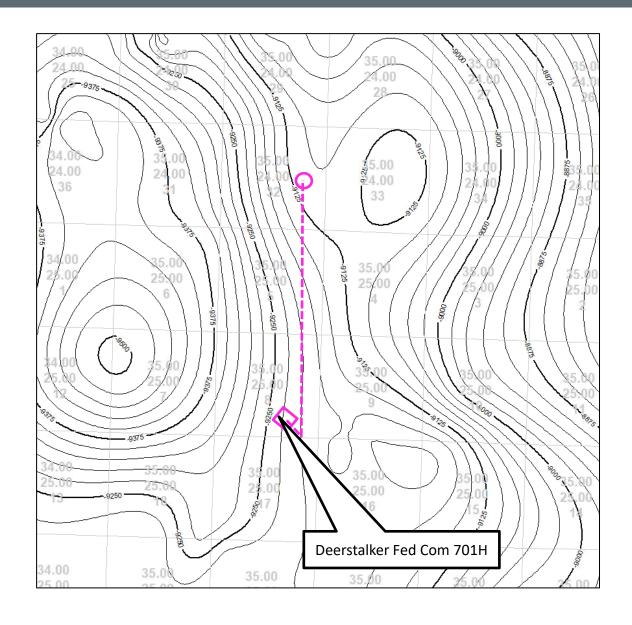
Deserae Jennings

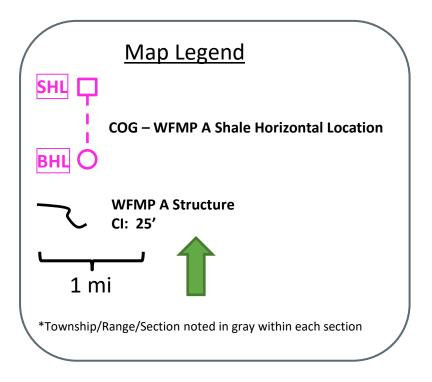
Date

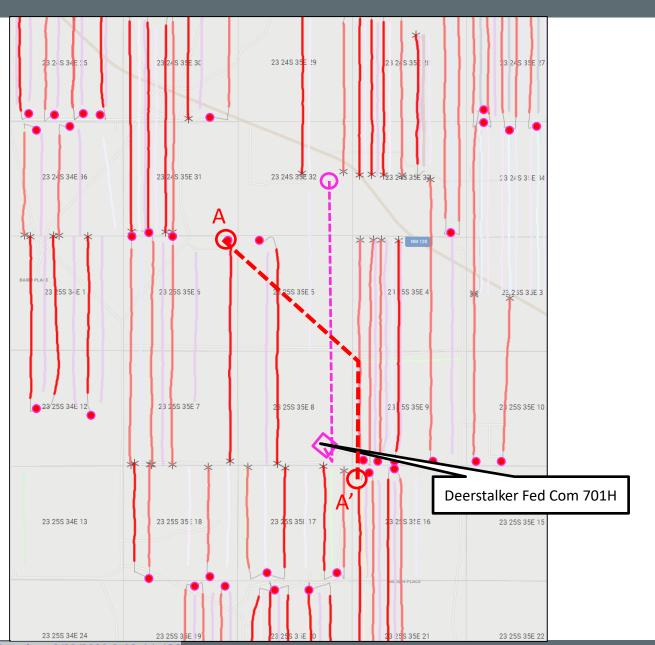
JAMI HATFIELD
Notary Public, State of Texas
Comm. Expires 05-09-2026
Notary ID 131561095

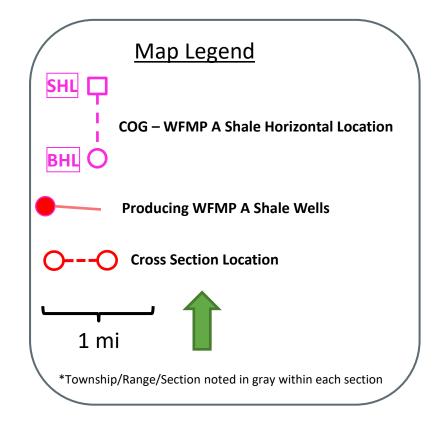


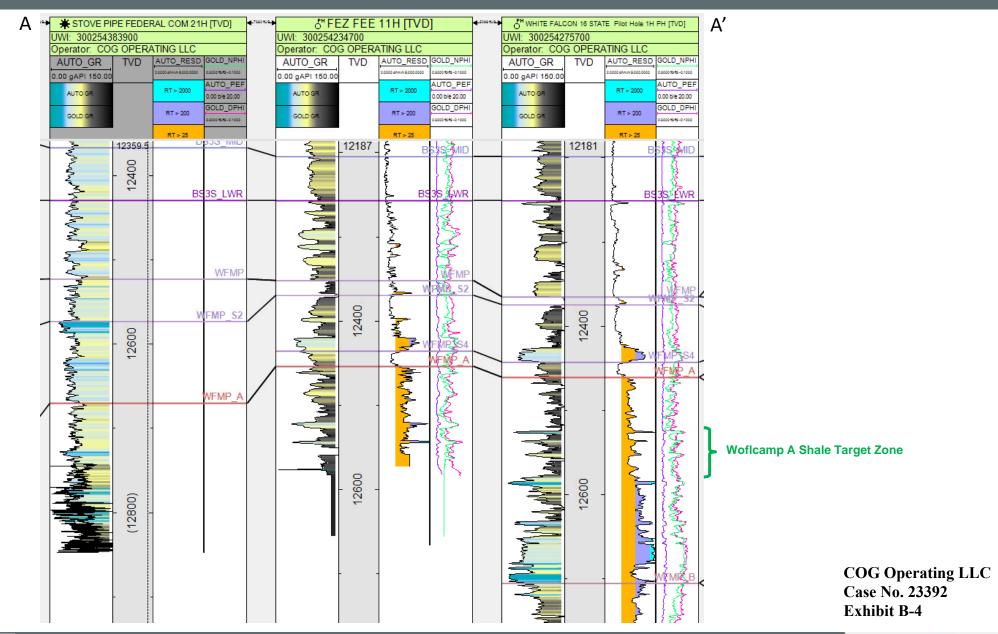












STATE OF NEW MEXICO
DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES
OIL CONSERVATION DIVISION

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

CASE NO. 23392

SELF-AFFIRMED STATEMENT OF DANA S. HARDY

1. I am attorney in fact and authorized representative of COG Operating LLC, the

Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice

Letter, along with the Application in this case, to be sent to the parties set out in the chart attached

as Exhibit C-2.

3. Exhibit C-2 also provides the date each Notice Letter was sent and the date each

return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C**-

3 as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On February 8, 2023, I caused a notice to be published to all interested parties in

the Hobbs News-Sun. An Affidavit of Publication from the Legal Clerk of the Hobbs News-Sun,

along with a copy of the notice publication, is attached as Exhibit C-4.

6. I understand this Self-Affirmed Statement will be used as written testimony in the

subject cases. I affirm that my testimony above is true and correct and it made under penalty of

perjury under the laws of the State of New Mexico. My testimony is made as of the date

handwritten next to my signature below.

/s/ Dana S. Hardy

Dana S. Hardy

February 26, 2022

Date



HINKLE SHANOR LLP

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

WRITER: Dana S. Hardy, Partner dhardy@hinklelawfirm.com

February 3, 2023

<u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 23392 – Application of COG Operating LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed application was filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **March 2, 2023,** beginning at 8:15a.m.

Hearings are currently conducted remotely. To participate in the electronic 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.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (https://www.apps.emnrd.nm.gov/ocd/ocdpermitting/) or via e-mail to ocd.hearings@emnrd.nm.gov and should include: the names of the parties and their attorneys, a concise statement of the case, the names of all witnesses the party will call to testify at the hearing, the approximate time the party will need to present its case, and identification of any procedural matters that are to be resolved prior to the hearing.

Please contact Sean P. Miller, CPL, Senior Land Negotiator for COG Operating LLC, by phone at (432) 818-2371 if you have any questions regarding this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Enclosure

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

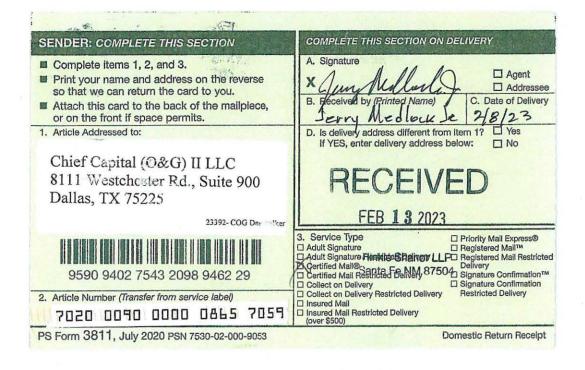
APPLICATION OF COG OPERATING LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23392

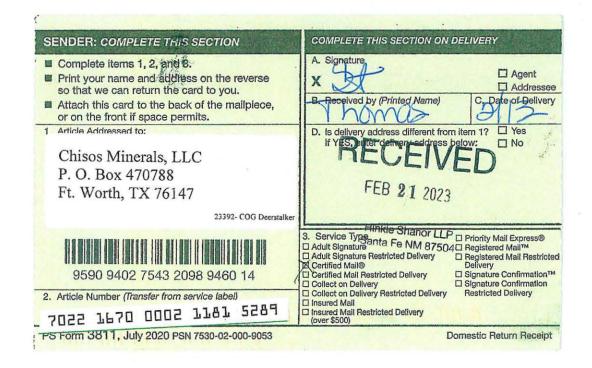
NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Chief Capital (O&G) II LLC	02/03/23	02/13/23
8111 Westchester Rd., Suite 900		
Dallas, TX 75225		
Chisos Minerals, LLC	02/03/23	02/21/23
P. O. Box 470788		
Ft. Worth, TX 76147		
MRC Permian Company	02/03/23	02/10/23
5400 Lyndon B Johnson Fwy, Suite		
1500		
Dallas, TX 75240		
Marathon Oil Permian, LLC	02/03/23	02/13/23
990 Town and Country Blvd.		
Houston, TX 77024		
Nilo Operating Company	02/03/23	Latest USPS Update
P. O. Box 4262		(Last Checked 02/24/23)
Houston, TX 77210		
		02/17/23 – Item in transit
		to next facility.

	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT
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2	For delivery information, visit our website at www.usps.com®.
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30	\$ Extra Services & Fees (check box, add fee as appropriate)
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0600	Postage
-	\$ Total Postage and Fees
	lotal Postage and Pees
7020	Sent To Chief Capital (O&G) II LLC 8111 Westchester Rd., Suite 900 Dallas, TX 75225 23392-COG Deerstalker
	City, State, 2/P4 PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



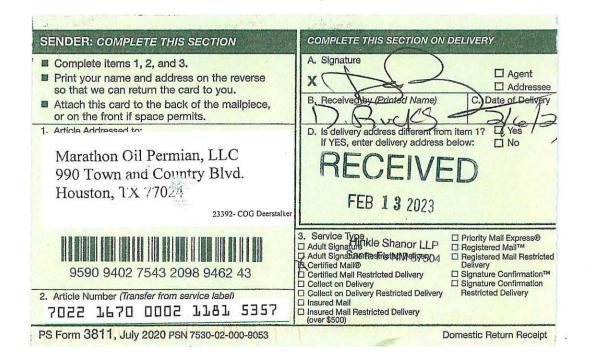
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П	For delivery information, visit our website at www.usp	s.com®.
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		itmark Jere
	\$ Total Postage and Fees \$	
	Sent To Chisos Minerals, LLC P. O. Box 470788 Ft. Worth, TX 76147 City, State, ZIP4 City, State, ZIP4	



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	OFFICIAL USE
1	Certified Mail Fee
	Certified Mail Fee \$ Extra Services & Fees (check box, add fee as appropriate) Return Receipt (nardcopy) Return Receipt (electronic) Return Receipt (electronic)
1	Certified Mall Restricted Delivery \$ Here Adult Signature Restricted Delivery \$ Galut Signature Restricted Delivery \$ G
	\$
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1	Sent To MRC Permian Company Street and Ai 5400 Lyndon B Johnson Fwy, Suite 1500
	Dallas, TX 75240



_	U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only
150	For delivery information, visit our website at www.usps.com®.
בל	OFFICIAL TISE
7977	Certified Mail Fee
	Extra Services & Fees (check box, add fee as appropriate)
חחח	☐ Return Receipt (hardcopy) ☐ Return Receipt (electronic) ☐ Certified Mail Restricted Delivery ☐ Certified Mail Restricted Delivery
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7 무 기	\$ Total Postage and Fees USPS
7022	Sent To Marathon Oil Permian, LLC Street and Apt. No., or Pi Houston, TX 77024
	City, State, ZIP+4® 23392- COG Deerstalker
	PS Form 3800, April 2015 PSN 7530 02:000-9047 See Reverse for instruction





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FAQs >

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February 17, 2023

Departed USPS Regional Facility

NORTH HOUSTON TX DISTRIBUTION CENTER February 13, 2023, 8:35 am

Delivered to Agent for Final Delivery

HOUSTON, TX 77210 February 8, 2023, 12:39 pm

Available for Pickup

HOUSTON, TX 77002 February 7, 2023, 11:33 am

Arrived at Post Office

HOUSTON, TX 77202 February 7, 2023, 10:49 am

Arrived at USPS Regional Facility

dback

NORTH HOUSTON TX DISTRIBUTION CENTER February 5, 2023, 11:31 am

Departed USPS Facility

ALBUQUERQUE, NM 87101 February 3, 2023, 9:36 pm

Arrived at USPS Facility

ALBUQUERQUE, NM 87101 February 3, 2023, 9:17 pm

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FAQs

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 08, 2023 and ending with the issue dated February 08, 2023.

Publisher

Sworn and subscribed to before me this 8th day of February 2023.

Business Manager

My commission expires

NOTARY PUBLIC COMMISSION # 1087526 (leas) COMMISSION # 1087526 (leas)

STATE OF NEW MEXICO

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

LEGAL NOTICE February 8, 2023

This is to notify all interested parties, including Marathon Oil Permian, LLC, Nilo Operating Company, Chief Capital (O&G) II LLC, MRC Permian Company, Chisos Minerals, LLC, and their successors and assigns, that the New Mexico Oil Conservation Division will conduct a hearing on an application submitted by COG Operating LLC (Case No. 23392). The hearing will be conducted remotely on March 2, 2023, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website for that date: https://www.emnrd.nm.gov/ocd/hearing-info/. Applicant seeks an order pooling all uncommitted interests in the WC-023 G-09 \$243532M pool, underlying a 400.82-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the E/2 SE/4 of Section 32, Township 24 South, Range 35 East, Lot 1, SE/4 NE/4, and E/2 SE/4 of irregular Section 5, Township 25 South, Range 35 East, and the E/2 E/2 of Section 8, Township 25 South, Range 35 East, to a bottom hole location in the SW/4 SE/4 (Unit 0) of Section 8, Township 25 South, Range 35 East, to a bottom hole location in the NE/4 SE/4 (Unit 0) of Section 32, Township 25 South, Range 35 East, Also to be considered will be the cost of drilling and completing the Well and the allocation of the costs, the designation of Applicant as the operator of the Well, and a 200% charge for the risk involved in drilling and completing the Well. The Well is located approximately 11 miles west of Jal, New Mexico. #00275578

STATE OF NEW MEXICO
NOTARY PUBLIC
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COMMISSION # 1087526
COMMISSION EXPIRES 01/29/2027

02107475

00275578

GILBERT HINKLE, SHANOR LLP PO BOX 2068 SANTA FE, NM 87504