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. 22595

EXHIBIT INDEX

Compulsory Pooling Checklist

Exhibit A	Self-Affirmed Statement of Ashley Roush
A-1	Application & Proposed Notice of Hearing
A-2	C-102(s)
A-3	Plat of Tracts, Ownership Interests, Pooled Parties, Unit Recapitulation
A-4	Sample Well Proposal Letter & AFE(s)
A-5	Summary of Communications
A-6	Hearing Notice Letter and Return Receipts
A-7	Affidavit of Publication
Exhibit B	Self-Affirmed Statement of Jason Hanzel
B-1	Location Map
B-2	Structure Map
B-3	Cross Section Map
B-4	Cross Section

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

Case No.:	22595
Hearing Date:	3/3/2022
Applicant	COG Operating LLC
Designated Operator & OGRID	OGRID # 229137
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of COG Operating, LLC for Compulsory Pooling, Eddy
	County, New Mexico
Entries of Appearance/Intervenors	MRC Permian Company; Matador Production Company
Well Family	Hambone
Formation/Pool	
Formation Name(s) or Vertical Extent	Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Bone Spring
Pool Name and Pool Code	Corral Canyon; Bone Spring, South pool (13354)
Well Location Setback Rules	Statewide
Spacing Unit Size	280-acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	280-acres
Building Blocks	quarter-quarter
Orientation	Standup
Description: TRS/County	W/2W/2 of Section 5, the W/2NW/4 and NW/4SW/4 of Section 8
	Township 26 South, Range 29 East, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No,	Yes
describe	
Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	
Proximity Defining Well: if yes, description	
Well(s)	
Name & API (if assigned), surface and bottom hole	Add wells as needed
ocation, footages, completion target, orientation,	
completion status (standard or non-standard)	
Nell #1	Hambone #506H (API # pending)
	SHL – S8-T26S-R29E, 1553 FSL, 1695 FWL (Unit K)
	BHL – S5-T26S-R29E, 50 FNL, 990 FWL (Unit D)
	Completion Target: Bone Spring formation
	TVD: Approx. 8400'
lorizontal Well First and Last Take Points	Exhibit A-2
Completion Target (Formation, TVD and MD)	Exhibit A-4
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	8000
Production Supervision/Month \$	800
ustification for Supervision Costs	Exhibit A
equested Risk Charge	200%
lotice of Hearing	
roposed Notice of Hearing	Exhibit A-1
roof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-6
roof of Published Notice of Hearing (10 days before	

Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners) Pooled Parties (including ownership type)	Exhibit A-3
Pooled Parties (including ownership type)	Exhibit A-3
Unlocatable Parties to be Pooled	Exhibit A-3
Ownership Depth Severance	Exhibit A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-4
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3
Chronology of Contact with Non-Joined Working Interests	Exhibit A-5
Overhead Rates In Proposal Letter	N/A
Cost Estimate to Drill and Complete	Exhibit A-4
Cost Estimate to Equip Well	Exhibit A-4
Cost Estimate for Production Facilities	Exhibit A-4
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-4
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-2
Tracts	Exhibit A-3
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-3
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	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	Money A. Houder
Date:	2/28/2022
	-,, A

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. 22595

SELF-AFFIRMED STATEMENT OF ASHLEY ROUSH

1. I am a land supervisor at COG Operating LLC ("COG") and am over 18 years of age. I 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") and my credentials as a petroleum land professional have been accepted and made a matter of record.

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-1.

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 Corral Canyon; Bone Spring, South pool (13354) within the Bone Spring formation underlying a 280-acre, more or less, standard horizontal spacing unit comprised of the W/2W/2 of Section 5 and the W/2NW/4 and NW/4SW/4 of Section 8, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit").

5. The Unit will be dedicated to the **Hambone Federal Com #506H** well ("Well") to be horizontally drilled from a surface hole location in the NE/4SW/4 (Unit K) of Section 8 to a bottom hole location in the NW/4NW/4 (Unit D) of Section 5.

6. The completed interval of the Well will be orthodox.

Received by OCD: 3/1/2022 9:58:03 AM

COG OPERATING LLC

Case No. 22595

Exhibit A

7. Exhibit A-2 contains the C-102 for the Well.

8. Exhibit A-3 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.

9. Exhibit A-4 contains a sample well proposal letter and AFEs sent to 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.

10. COG has conducted a diligent search of all county public records including phone directories and computer databases.

11. All interest owners COG seeks to pool are locatable.

12. 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-5.

13. 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.

14. Notice of this application and the Division hearing was timely provided to the uncommitted interests by certified mail more than 20 days prior to the hearing date. A sample of the notice letters and associated green cards are attached as **Exhibit A-6**.

15. Notice of this application and the Division hearing was published more than ten business days prior to the hearing date. The affidavit of publication is attached as **Exhibit A-7**.

Received by OCD: 3/1/2022 9:58:03 AM

The attached exhibits attached were either prepared by me or under my supervision 16. or were compiled from company business records.

In my opinion, the granting of COG's application would serve the interests of 17. conservation, the protection of correlative rights, and the prevention of waste.

I understand this Self-Affirmed Statement will be used as written testimony in this 18. case. I affirm that my testimony in paragraphs 1 through 17 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.

Ashley Roush

2/22/22 Date

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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. 22595

APPLICATION

Pursuant to NMSA § 70-2-17, COG Operating LLC ("Applicant") (OGRID No. 229137) applies for an order pooling all uncommitted interests within the Bone Spring formation underlying a 280-acre, more or less, standard horizontal spacing unit comprised of the W/2W/2 of Section 5 and the W/2NW/4 and NW/4SW/4 of Section 8, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit"). In support of its application, Applicant states:

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 **Hambone Federal Com #506H** well to be horizontally drilled from a surface hole location in the NE/4SW/4 (Unit K) of Section 8 to a bottom hole location in the NW/4NW/4 (Unit D) of Section 5.

3. The completed interval of the Well will be orthodox.

4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Well but has been unable to obtain voluntary agreements from all of the interest owners.

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

COG OPERATING LLC Case No. 22595 Exhibit A-1

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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 3, 2022, 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

<u>/s/ Dana S. Hardy</u> Dana S. Hardy Michael Rodriguez P.O. Box 2068 Santa Fe, NM 87504-2068 Phone: (505) 982-4554 dhardy@hinklelawfirm.com mrodriguez@hinklelawfirm.com *Counsel for COG Operating LLC* Application of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico. Applicant applies for an order pooling all uncommitted interests within the Bone Spring formation underlying a 280-acre, more or less, standard horizontal spacing unit comprised of the W/2W/2 of Section 5, and the W/2NW/4 and NW/4SW/4 of Section 8, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the Hambone Federal Com #506H well to be horizontally drilled from a surface hole location in the NE/4SW/4 (Unit K) of Section 8 to a bottom hole location in the NW/4NW/4 (Unit D) of Section 5. 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 10.4 miles south of Malaga, New Mexico.

Case No. 22595

Exhibit A-2

Revised August 1, 2011 Submit one copy to appropriate District Office

DISTRICT II 811 S. FRST ST., ARTESIA, NM 88210 Phone: (575) 748-1203 Fax: (575) 748-9720 DISTRICT III 1000 R10 BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6176 Fax: (505) 334-6170 DISTRICT IV 1220 S. ST. FRANCES DR., SANTA FR. NM 87505 Phone: (505) 478-3460 Fax: (505) 478-3460

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

DISTRICT I

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

□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT **API** Number Pool Code Pool Name 13354 30-015-48975 Corral Canyon; Bone Spring, South **Property** Code Property Name Well Number HAMBONE FEDERAL COM 506H OGRID No. **Operator** Name Elevation 229137 COG OPERATING, LLC 2894.6 Surface Location UL or lot No. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County K 8 26-S 29-E 1553 SOUTH 1695 WEST EDDY 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 D 5 26 - S29-E 50 NORTH 990 WEST EDDY Dedicated Acres Joint or Infill **Consolidation** Code Order No. 280 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 8 990' I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organisation either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. OPERATOR CERTIFICATION NAD 83 NME LTP 100' FNL & 990' FWL Y=392505.4 N PROPOSED BOTTOM HOLE LOCATION Y=392555.4 N X=640910.4 E X=640910.1 E LAT.=32.078669" N LAT.=32.078807" N LONG.=104.011844" W LONG.=104.011845° W ayte Keyes 1/6/2022 LEASE X-ING LAT.=32.071665" N LONG.=104.011822" <u>359'45'27"</u> - <u>9139.4</u> W Signature Date POINT LEGEND Y=392602.5 N Mayte Reves 1 Printed Name X=639919.8 E Y=389949.2 N X=639935.1 E Y=387297.9 N DIST. 2 mayte.x.reyes@pvtn.net ¥. GRID A HORZ. E-mail Address 3 X=639958.4 E Y=384644.6 N SURVEYOR CERTIFICATION SECTION 5 4 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. X=639931.5 E Y=382019.1 N SECTION 8 7 5 X=639989.2 E Y=381953.2 N 6 $\begin{array}{r} Y=381953.2 \text{ N} \\ X=642682.2 \text{ E} \\ Y=387306.2 \text{ N} \\ X=642647.7 \text{ E} \\ Y=392610.2 \text{ N} \\ \end{array}$ JULY 3, 2019 7 Date of Survey 8 X=642555.7 Signature & Seal of Professional Surveyor CHAD L. HARCRO WWEXIC ETP 1420' FSL & 990' FWL Y=383416.0 N X=640948.8 E 0 LICENSED OR 177 LAT.=32.053683" N NAD 83 NME 1695 SURFACE LOCATION Y=383531.9 N POFESSIONA X=641651.4 E 553' LAT.=32.053996" N Nationsw LONG.=104.009539* W /22 Certificate No. CHAD HARCROW 17777 6 W.O. #20-1448 DRAWN BY: AH

0.01071429 0.28571429 0.14285714 0.00198413 1.00000000

0.00198413 TOTAL

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Energy Production Co.

Oil Permian

Yes Yes

TRACT 5

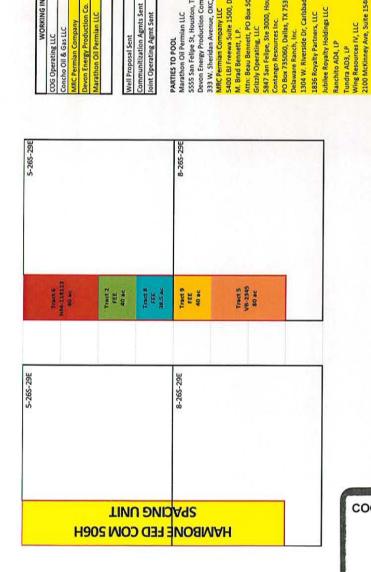
0.14285714 0.00000000 TRACT 2

WORKING INTEREST OWNER

0.5587301 UNIT RECAP

0.13730159 TRACT 9

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	8
COG OPERATING LLC	
Case No. 22595	
Exhibit A-3	

INTEREST TYPE	M		WI	WI & BT (State)		R	RT (Fed) & ORRI		RT(Fed) & ORRI	N.	2 22	1 2	2 2	2	R	RI	R			RI	RI	RI	RI	RI		NPRI	ORRI		ORRI		ORRI		ORRI		ORRI
PARTIES TO POOL Marrithm Oil Barneisa LLC	5555 San Felipe St, Houston, TX 77056	Devon Energy Production Company, LP	333 W. Sheridan Avenue, OKC, OK 73102	5400 LBI Freewa Suite 1500 Dallas TX 75240	M. Brad Bennett, L.P.	Attn: Beau Bennett, PO Box 50820, Midland, TX 79710 Gripply Operating 11C	5847 San Felipe, Ste 3000, Houston, TX 77057	Contango Resources Inc.	PO Box 735060, Dallas, TX 75373	Delaware Nanch, Inc. 1304 W. Riverside Dr. Carisbad, NM 88220	1836 Rovalty Partners. ILC	Jubiles Rovalty Holdines IIC	Ranchito AD4. LP		Tundra AU3, LP Wing Resources IV, LLC	2100 McKinney Ave, Suite 1540, Dallas, TX 75201	Edwin Fowikes Heirs Family LP	John M. Fowlkes, ssp	1111 West Texas, Marfa TX 79843	PO Box 1470, Marta, TX 79843	Preston L. Fowlkes, ssp	Edwin H. Fowlkes III (Trey), ssp	Janet Renee Fowlkes Murrey, ssp	Patrick K. Fowlkes, ssp	George & Nicole F. Poage	PO Box 369, Marble Falls, TX 78654 Mitchel E. & Elizabeth L. Cheney	236 Merrie Way Lane, Houston, TX 77024	Lynn S. & Grace Charuk	3921 Tanforan Ave, Midland, TX 79707	Penasco Petroleum LLC	PO Box 2992, Roswell, NM 88202	Tommy L. Fort, ssp	PO Box 5356, Midland, TX 79704	Marguerite Fort Bruns, ssp	10210 County Manor PL NW, Albuquerque, NM 8/114 12/11 Colorado Bivd E #505, Thornton, CO 80241

CONCHO

January 4, 2022

Via Electronic Mail to crice@marathonoil.com Marathon Oil Permian LLC 5555 San Felipe St Houston, TX 77056 Attn: Land Department

Re: HAMBONE FED COM 506H W2W2 of Sec. 5 and W2NW & NWSW of Sec. 8, T26S-R29E Eddy County, New Mexico

Dear Sir or Madam:

COG Operating LLC ("COG"), as Operator, previously proposed the Hambone Fed Com 506H well located as described above. Please allow this *informational letter* to serve as a correction to the Unit Letter typo highlighted below. It is our intent that the Hambone Fed Com 505H and 506H wells will share a pad in Unit K of Section 8. A copy of each respective AFE is attached which has only been revised to reflect the changes below.

 Hambone Fed Com 506H, to be drilled to a depth sufficient to test the Second Bone Spring formation at an approximate total vertical depth of 8,400'. The surface location for this well is proposed at a legal location in Unit K of Section 8, T26S-R29E, and a bottom hole location at a legal location in Unit D of Section 5, T26S-R29E. The dedicated horizontal spacing unit will be the W2W2 of Section 5 and W2NW4 & NW4SW4 of Section 8, T26S-R29E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$6,126,190.00, as shown on the attached AFE.

Should you have any questions, please do not hesitate to contact me at ashley.a.roush@conocophillips.com or 432.230.3388.

Sincerely,

COG Operating LLC

//Ashley Roush//

Ashley Roush Land Supervisor

AR:bh Enc

COG OPERATING LLC	States of
Case No. 22595	61 1 2 2 3 3
Exhibit A-4	

One Concho Center | 600 West Illinois Avenue | Midland, Texas 79701 | P 432.683.7443 | F 432.683.7441

January 4, 2022 – Page 2

Should you have any questions, please do not hesitate to contact me at ashley.a.roush@conocophillips.com or 432.230.3388.

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Sincerely,

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COG Operating LLC

//Ashley Roush//

Ashley Roush Land Supervisor

AR:bh Enc

COG OPERATING LLC AUTHORITY FOR EXPENDITURE DRILLING

WELL NAME:	HAMBONE FED COM 506H	PROSPECT NAME:	Atlas 2629	
SHL:	8-265-29E, 1553 FSL, 1695 FWL OR UNIT K	STATE & COUNTY:	New Mexico, Eddy	
BHL:	5-26S-29E, 50 FNL, 990 FWL OR UNIT D	OBJECTIVE:	D&C	
FORMATION:	2BSS	DEPTH:	18,200	
LEGAL:	W2W2 of Sec. 5, W2NW4 & NWSW of Sec. 8, T265-R29E	TVD:	8,400	

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Printed Name Title: Date:

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This AFE is only an estimate. By signing you agree to pay your share of the actual costs incurred.

Hambone Fed Com 506H-Chronology Efforts

- 9.20.21 Well proposals to MRC Permian (502H, 505H, 506H) Well proposals to Marathon (506H)
 10.12.21 Federal Communitization Agreements (501H, 502H, 505H, 506H) to applicable parties State Communitization Agreements (502H, 505H, 506H) to applicable parties Ratifications of Federal Communitization Agreements (501H, 502H, 505H, 506H) sent to applicable parties Designation of Pooled Unit (505H, 506H) sent to applicable parties
- 10.18.21 OA Mailed to potential WIOs

Additional Pooling Agreements (Pooling Agmt, CA, Ratification of DPU) sent to applicable parties - see separate tab for tracking

10.26.21 Revised Ex A (correcting "C" and "D" interest) sent to parties

10.26.21-

present Ongoing OA negotiations

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COG OPERATING LLC Case No. 22595 Exhibit A-5



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HINKLE SHANOR LLP

ATTORNEYS AT LAW PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

February 4, 2022

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO ALL INTERESTED PARTIES SUBJECT TO NOTICE

Re: Case No. 22595 - Application of COG Operating LLC for Compulsory Pooling, Eddy 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 3, 2022 beginning at 8:15 a.m.

During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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 filed at the Division's Santa Fe office or submitted through the OCD E-Permitting system (<u>https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/</u>) 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 do not hesitate to contact me if you have any questions about this matter.

	Sincerely,	
	/s/ Dana S. Hardy	
	Dana S. Hardy	
Enclosure	COG OPERATING, LLC	
	Case No. 22595	
PO BOX 10	Exhibit A-6	7601 JEFFERSON ST NE · SUITE 180
ROSWELL, NEW MEXICO 88202	SANT	ALBUQUERQUE, NEW MEXICO 87109
575-622-6510	505-982-4554	505-858-8320
(FAX) 575-623-9332	(FAX) 505-982-8623	(FAX) 505-858-8321

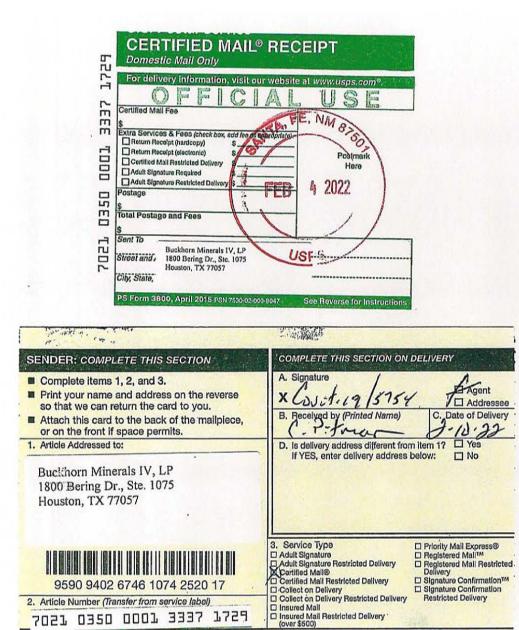




U.S. Postal Service[™] **CERTIFIED MAIL® RECEIPT** 1611 Domestic Mail Only For delivery information, visit our website at www.usps.com NM ()FE LEEE Certified Mail Fee Se 1000 Postmark Return Receipt (electronic) Certified Mall Restricted Delivery FR Adult Signature Required Adult Signature Restricted Delivery \$ ostage 50 ED **Total Postage and Fees** IC P Sent To 7021 Marguerite Fort Bruns 12711 Colorado Blvd. E, #505 Street a. Thornton, CO 80241 City, Sta PS Form 3800, April 2015 PSN 7530-02-000-9047 **Reverse for Instruction** L. P. Sauling COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION Signature A. Complete items 1, 2, and 3. his Agent Addressee Print your name and address on the reverse aberite 6 7 so that we can return the card to you. Received by (Printed Name) Date of Delivery C. В. Attach this card to the back of the mailpiece, GULFE BB. IN 2122 or on the front if space permits. 1 Yes D. Is delivery address different from Item 1? 1. Article Addressed to: E'No If YES, enter delivery address below: Marguerite Fort Bruns 12711 Colorado Blvd. E, #505 Thornton, CO 80241 Priority Mail Express®
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 Registered Mail Restricted Delivery
 Signature Confirmation™
 Signature Confirmation Restricted Delivery 3. Service Type Adult Signature
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 (over \$500) 2021 0350 0001 3337 1811

PS Form 3811, July 2020 PSN 7530-02-000-9053

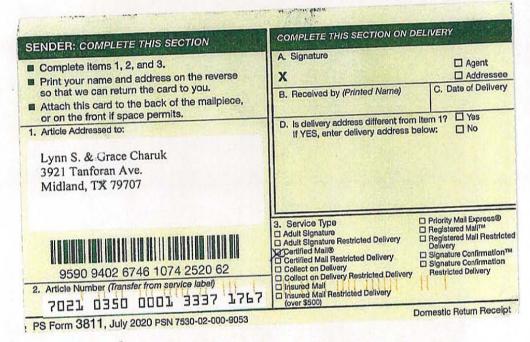
Domestic Return Receipt

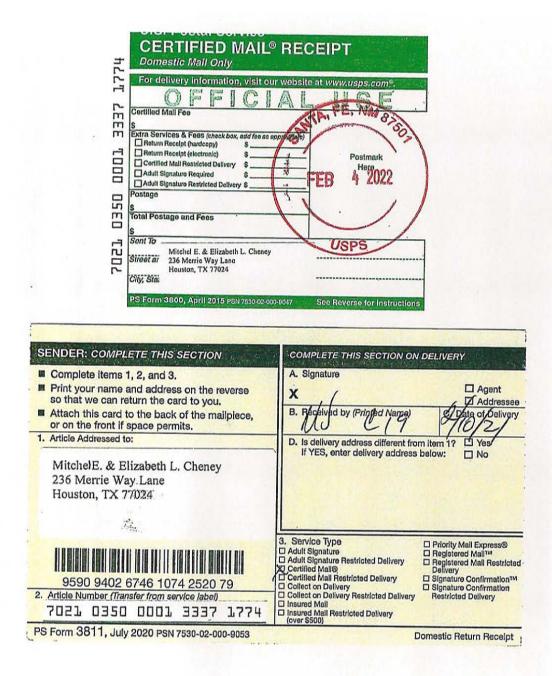


PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



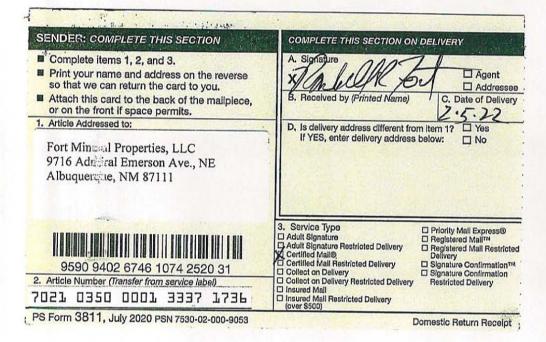








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 Collect on Delivery
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Insured Mail
 Insured Mail Restricted Delivery
 (over \$500)

Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Tommy L. Fort P.O. Box 5356 Midland, TX 79704

9590 9402 6746 1074 2520 24 2. Article Number (Transfer from service label) 7021 0350 0001 3337 1798 PS Form 3811, July 2020 PSN 7530-02-000-9053

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Priority Mail Express®
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Signature Confirmation Restricted Delivery

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D. Is delivery address different from Item 1?

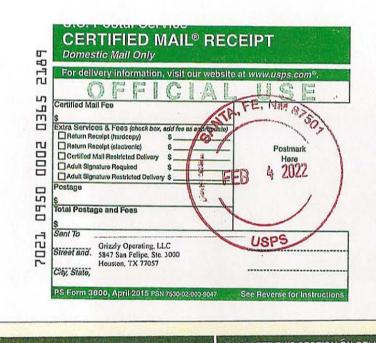
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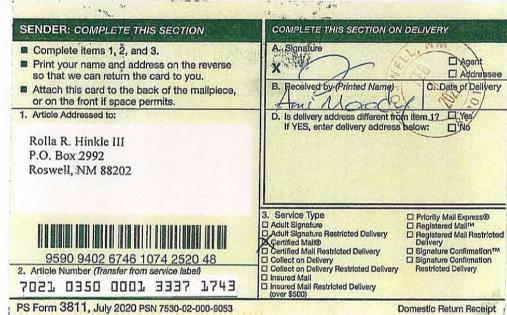


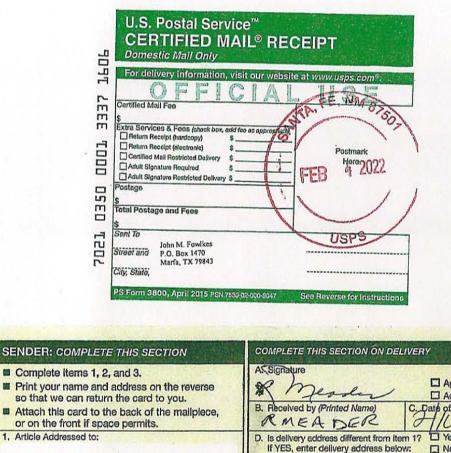




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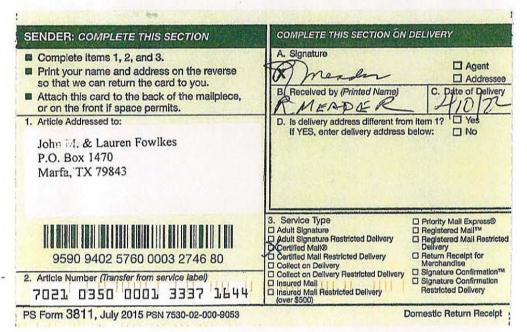


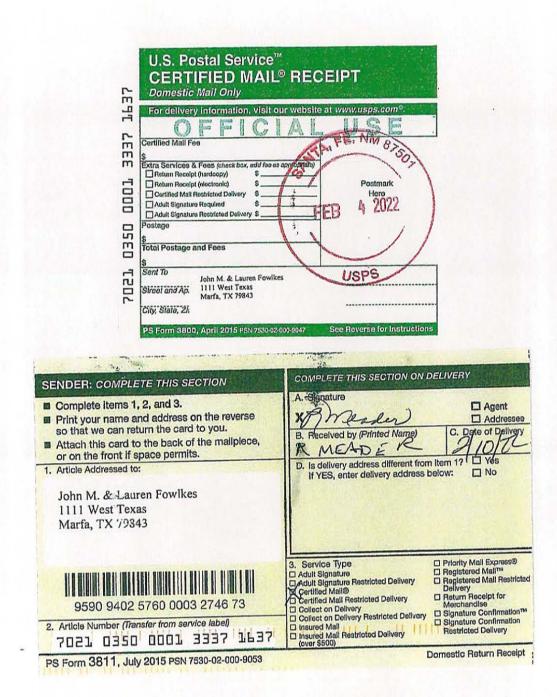


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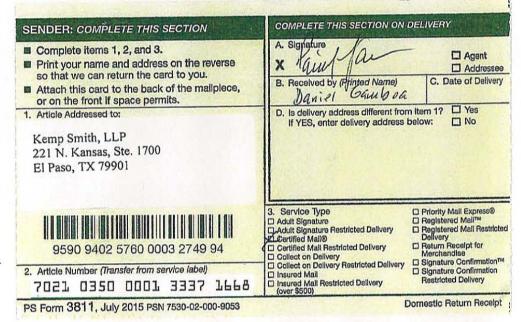










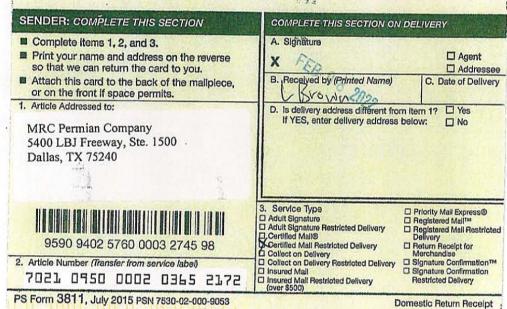






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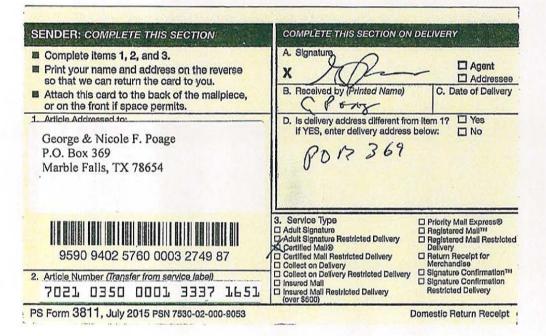


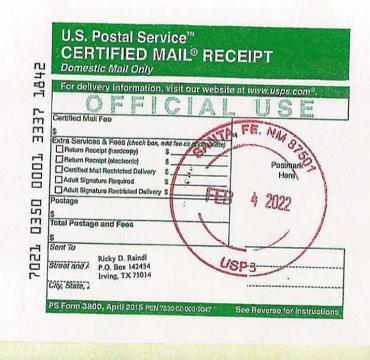


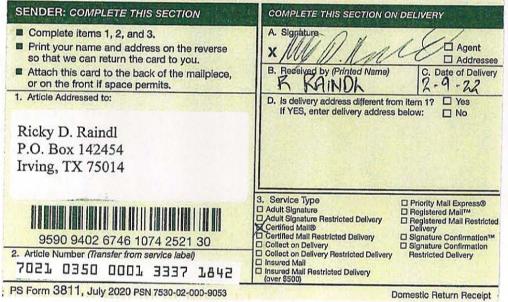




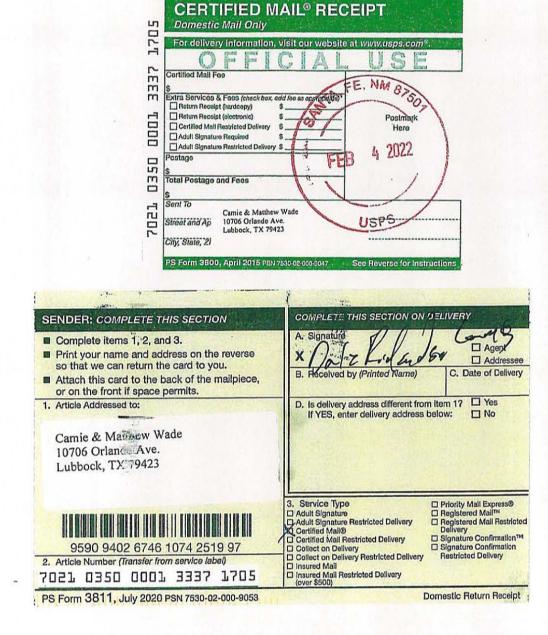












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Carlsbad Current Argus.

Affidavit of Publication Ad # 0005124137 This is not an invoice

HINKLE SHANOR LLP 218 MONTEZUMA

SANTA FE, NM 87501

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

02/10/2022

ULCOLO Legal Clerk

Subscribed and sworn before me this February 10, 2022:

State of WI, County of Brown NOTARY PUBLIC

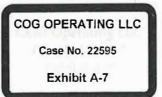
1-7-2

My commission expires

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0005124137 PO #: 22595 # of Affidavits 1

This is not an invoice



This is to notify all interest-ed parties, including M. Brad Bennett, L.P.; Debra Kunkel; L.E. Opperman; Nicolette A. Opperman; MRC Permian Company LLC; Grizzly Operating, LLC; Delaware Ranch, Inc.; 1836 Royalty Partners, LLC; Jubi-lee Royalty Holdings LLC; Ranchito AD4, LP; Tundra AD3, LP; Wing Resources IV, LLC; Edwin Fowlkes; Edwin H. Fowlkes Murrey; Patrick K. Fowlkes Murrey; Patrick K. Fowlkes Murrey; Patrick K. Fowlkes; Christine Fowlkes; George Poage; Nicole F. Poage; Kemp Smith, LLP; David Kerby; Rebecca Kerby; George Thompson; Shirley Thompson; Camie Wade; Matthew Wade; Suzanne B. Koch; Buckhorn Minerals IV, LP; Wayne A. Bissett; Laura Bissett; Mitchel E. Cheney; Elizabeth L. Cheney; Lynn S. Charuk; Grace Charuk; Pe-nasco Petroleum LLC; Rolla R. Hinkle III; Fort Minerals Properties, LLC; Tommy L. Fort; Marguerite Fort Bruns; Debra Kay Primera; Robert Mitchell Raind]; Ricky D. Raindi; and their successors and assigns, that the New Mexico Oil Conservation Di-vision will conduct a hearing on an application submitted by COG Operating LLC (Case No. 22595). During the COVID-19 Public Health Emergency, state buildings are closed to the public and hearings will be conducted remotely. The hearing will be conducted on March 3, 2022 beginning at 8:15 a.m. To participate in the elec-tronic hearing, see the in-structions posted on the docket for that date: https:// www.emrdn.m.gov/ocd/he aring-info/. Applicant ap-plies for an order pooling all uncommitted interests with-in the Bone Spring forma-tion underlying a 280-acre, more or less, standard hori-zontal spacing unit com-prised of the W/2W2V of Sec-tion 5, and the W/2NW/4 and NW/4SW/4 of Section 8, Township 26 South, Range 29 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the Hambone Federal Com #SOGH well to be horizontal-ly drilled from a surface hole location in the NE4/SW/4 (Unit K) of Section 8 to a bottom hole location in the NW/4NW/4 (Unit D) of Section 5. Also, to be consid-ered will be the cost of drill-ing and compl Mexico. #5124137, Current Argus, Feb. 10, 2022

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. 22595

SELF-AFFIRMED STATEMENT OF JASON HANZEL

1. I am a geologist at COG Operating LLC ("COG") and am over 18 years of age. I 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"), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to this matter.

3. Exhibit B-1 is a location map for the proposed horizontal spacing unit ("Unit") within the Bone Spring formation. The approximate wellbore path for the proposed Hambone #506H well ("Well") is represented by a dashed line. Existing producing wells in the targeted interval are represented by solid lines.

4. Exhibit B-2 is a subsea structure map for the top of the formation that is representative of the targeted interval within the formation. The data points are indicated by crosses. The approximate wellbore path for the Well is depicted by a dashed line. The map demonstrates the formation is gently dipping to the east in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

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COG OPERATING LLC Case No. 22595 Exhibit B 5. Exhibit B-3 identifies three wells penetrating the targeted interval I used to construct a stratigraphic cross-section from A to A'. I used these well logs because they penetrate the targeted interval, 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 interval is 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 attached were either prepared by me or under my supervision or were compiled from company business records.

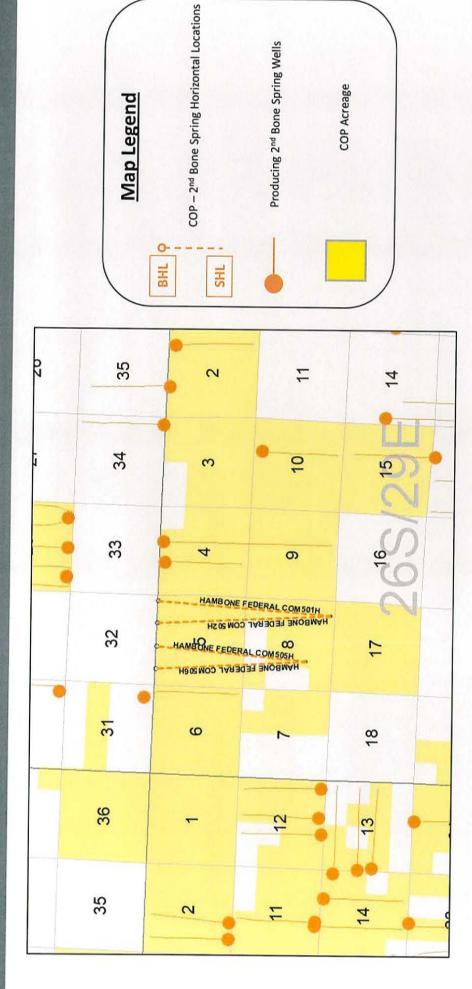
11. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony in paragraphs 1 through 10 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

Jason Hanzel

2/17/22

Date

Hambone Federal Com



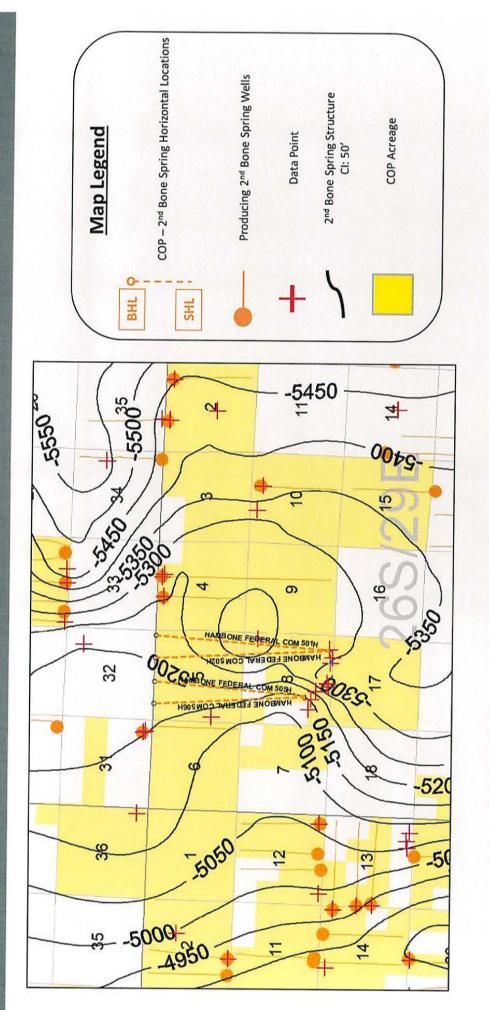
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COG OPERATING LLC Case No. 22595

Top of BS2S Structure Map



January 4, 2022

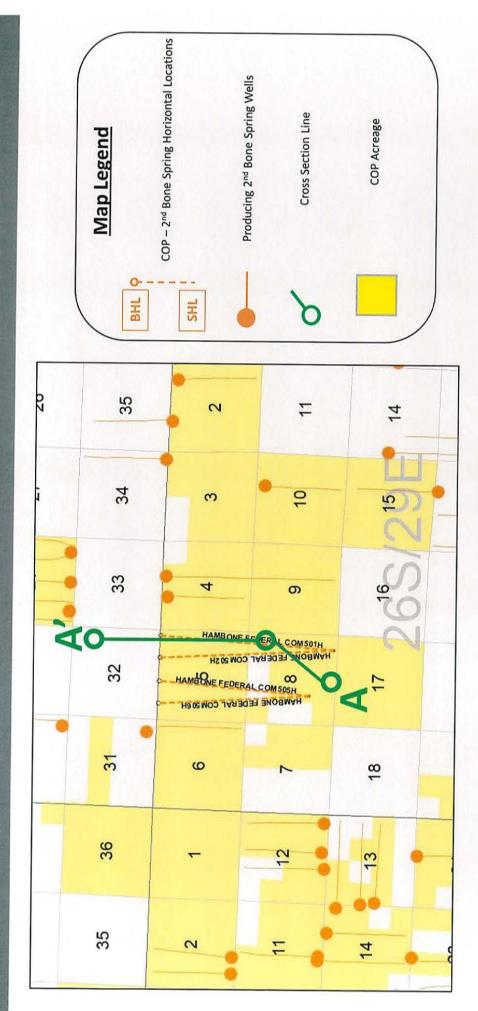
COG OPERATING LLC

Case No. 22595

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Cross Section Map



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COG OPERATING LLC Case No. 22595 Exhibit B-3

ConocoPhillips

