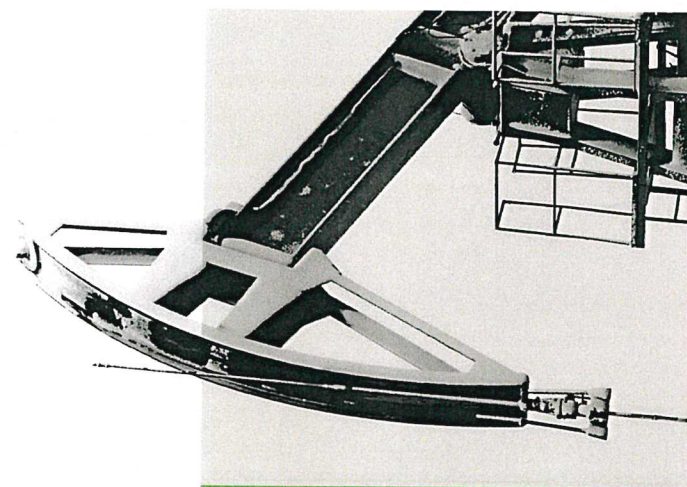


COG OPERATING LLC
Myox 30 State Com 704H
Myox 30 State Com 705H
Myox 30 State Com 706H
Sections 19-30-31, T25S R28E
Eddy County, New Mexico



**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. 22076

COG OPERATING LLC'S EXHIBIT INDEX

Compulsory Pooling Checklist

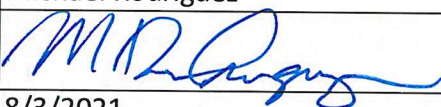
Exhibit A	Self-Affirmed Statement of Lizzy Laufer
A-1	Application & Proposed Notice of Hearing
A-2	C-102(s)
A-3	Plat of Tracts, Tract Ownership, Pooled Party, Unit Recapitulation
A-4	Sample Well Proposal Letter & AFE(s)
A-5	Summary of Communications
A-6	Hearing Notice Letter and Return Receipts
A-7	Affidavit of Publication
Exhibit B	Self-Affirmed Statement of Jessica Pontiff
B-1	Location Map
B-2	Structure Map
B-3	Stratigraphic Cross Section
Exhibit C	Resume of Jessica Pontiff

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case No.:	22076
Hearing Date:	8/5/2021
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	
Well Family	Myox 30
Formation/Pool	
Formation Name(s) or Vertical Extent	Wolfcamp
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Wolfcamp
Pool Name and Pool Code	Purple Sage; Wolfcamp Gas (98220)
Well Location Setback Rules	Special Rules for Purple Sage; Wolfcamp Gas Pool (Order No. R-14262).
Spacing Unit Size	963.36 acres
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	963.36 acres
Building Blocks	quarter-quarter
Orientation	Standup
Description: TRS/County	Lots 1-4 and E/2W/2 (W/2 equivalent) of Sections 19, 30 and 31, Township 25 South, Range 28 East, Eddy County, New Mexico.
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	Yes; a depth severance exists in the Wolfcamp formation underlying the Unit. Accordingly, COG seeks to pool all uncommitted interests from the top of the Wolfcamp formation (interpreted as 9,002' TVD as shown on the log of Marbob Energy Corporation-Red Ryder State #1 well (API No. 30-015-35150)) to a measured depth of 10,408' (this depth being 100' below the base of the deepest depth drilled by the Myox 30 State Com 801H (API No. 30-025-45752)).
Proximity Tracts: If yes, description	-
Proximity Defining Well: if yes, description	-
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	Myox State Com 704H (API # pending) SHL – 380' FSL & 1356' FWL (Unit N), Section 18, T25S-R28E BHL – 50' FSL & 2202' FWL (Unit N), Section 31, T25S-R28E Completion Target: Wolfcamp formation TVD: Approx. 9210'

Well #2	Myox State Com 705H (API # pending) SHL – 380' FSL & 1326' FWL (Lot 4), Section 18, T25S-R28E BHL – 50' FSL & 1326' FWL (Lot 4), Section 31, T25S-R28E Completion Target: Wolfcamp formation TVD: Approx. 9210'
Well #3	Myox State Com 706H (API # pending) SHL – 380' FSL & 1296' FWL (Lot 4), Section 18, T25S-R28E BHL – 50' FSL & 450' FWL (Lot 4), Section 31, T25S-R28E Completion Target: Wolfcamp formation TVD: Approx. 9210'
Horizontal 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 \$	Exhibit A-4
Production Supervision/Month \$	Exhibit A-4
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit A-6
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit A-7
Ownership Determination	
Land Ownership Schematic of Spacing Unit	Exhibit A-3
Tract List (including lease numbers & owners)	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	Exhibit B-4
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-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-2
Cross Section (including Landing Zone)	Exhibit B-3
Additional Information	

CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Michael Rodriguez
Signed Name (Attorney or Party Representative):	
Date:	8/3/2021

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. 22076

SELF-AFFIRMED STATEMENT
OF LIZZY LAUFER

1. I am a landman 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 qualifications as an expert in petroleum land matters were 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 from the top of the Wolfcamp formation to a measured depth of 10,408' underlying a 963.36-acre, more or less, standard horizontal spacing unit comprised of Lots 1-4 and E/2W/2 (W/2 equivalent) of Sections 19, 30 and 31, Township 25 South, Range 28 East, Eddy County, New Mexico ("Unit").

5. The Unit will be dedicated to following wells ("Wells"):

- **Myox 30 State Com 704H** well to be horizontally drilled from a surface hole location in the SE/4SW/4 (Unit N) of Section 18 to a bottom hole location in the SE/4SW/4 (Unit N) of Section 31, and

- **Myox 30 State Com 705H and Myox 30 State Com 706H** wells to be horizontally drilled from a surface hole location in the SW4/SW4 (Lot 4) of Section 18 to a bottom hole location in the SW/4SW/4 (Lot 4) of Section 31.
6. The Wells are located in the Purple Sage; Wolfcamp Gas Pool (98220).
 7. With respect to well setback requirements, the completed intervals for the Wells will comply with the Special Rules for the Purple Sage; Wolfcamp Gas Pool identified in Order No. R-14262.
 8. The completed interval of the Wells will be orthodox.
 9. A depth severance exists in the Wolfcamp formation underlying the Unit. Accordingly, COG seeks to pool all uncommitted interests from the top of the Wolfcamp formation (interpreted as 9,002' TVD as shown on the log of Marbob Energy Corporation-Red Ryder State #1 well (API No. 30-015-35150)) to a measured depth of 10,408' (this depth being 100' below the base of the deepest depth drilled by the Myox 30 State Com 801H (API No. 30-025-45752)):
 10. **Exhibit A-2** contains C-102s for the Wells.
 11. **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.
 12. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Wells. The estimated costs reflected on the AFEs 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.
 13. COG has conducted a diligent search of all public records in Eddy County including phone directories and computer databases.

14. All interest owners COG seeks to pool are locatable.
15. In my opinion, COG made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-5**.
16. COG requests overhead and administrative rates of \$7,000 per month while the Wells are being drilled and \$700 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by COG and other operators in the vicinity.
17. 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**.
18. 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**.
19. The exhibits attached hereto were either prepared by me or under my supervision or were compiled from company business records.
20. In my opinion, the granting of COG's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.
21. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 20 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.


Lizzy Laufer

7/27/21
Date

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. _____

APPLICATION

Pursuant to NMSA § 70-2-17, COG Operating LLC ("Applicant") applies for an order pooling all uncommitted interests from the top of the Wolfcamp formation to 10,408' (being 100' below the base of the deepest depth drilled by the Myox 30 State Com 801H (API No. 30-025-45752), top of the Wolfcamp formation being interpreted as 9,002' TVD as shown on the log of Marbob Energy Corporation-Red Ryder State #1 well (API No. 30-015-35150), Section 25, T25S-R27E, Eddy County, New Mexico) underlying a 963.36-acre, more or less, standard horizontal spacing unit comprised of Lots 1-4 and E/2W/2 (W/2 equivalent) of Sections 19, 30 and 31, Township 25 South, Range 28 East, Eddy County, New Mexico ("Unit"). In support of its application, Applicant states:

1. Applicant (OGRID No. 229137) is a working interest owner in the Unit and has the right to drill wells thereon.
2. The Unit will be dedicated to the following proposed initial wells:
 - **Myox 30 State Com 704H** wells to be horizontally drilled from a surface hole location in the SE/4SW/4 (Unit N) of Section 18 to a bottom hole location in the SE/4SW/4 (Unit N) of Section 31, and
 - **Myox 30 State Com 705H** and **Myox 30 State Com 706H** well to be horizontally drilled from a surface hole location in the SW4/SW4 (Lot 4) of Section 18 to a

COG OPERATING LLC

Case No. 22076

Exhibit A-1

bottom hole location in the SW/4SW/4 (Lot 4) of Section 31 (collectively the "Wells").

3. The completed intervals of the Wells will be unorthodox.
4. Applicant has undertaken diligent, good-faith efforts to obtain voluntary agreements from all interest owners to participate in the drilling of the Wells but has been unable to obtain voluntary agreements from all of the 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 Wells and Unit.

WHEREFORE, Applicant requests this application be set for hearing on August 5, 2021, and that after notice and hearing the Division enter an order:

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

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Michael Rodriguez

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 982-8623

dhardy@hinklelawfirm.com

mrodriguez@hinklelawfirm.com

ATTORNEYS 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 from the top of the Wolfcamp formation to 10,408' (being 100' below the base of the deepest depth drilled by the Myox 30 State Com 801H (API No. 30-025-45752), top of the Wolfcamp formation being interpreted as 9,002' TVD as shown on the log of Marbob Energy Corporation-Red Ryder State #1 well (API No. 30-015-35150), Section 25, T25S-R27E, Eddy County, New Mexico) underlying a 963.36-acre, more or less, standard horizontal spacing unit comprised of Lots 1-4 and E/2W/2 (W/2 equivalent) of Sections 19, 30 and 31, Township 25 South, Range 28 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following proposed initial wells:

- **Myox 30 State Com 704H** wells to be horizontally drilled from a surface hole location in the SE/4SW/4 (Unit N) of Section 18 to a bottom hole location in the SE/4SW/4 (Unit N) of Section 31, and
- **Myox 30 State Com 705H** and **Myox 30 State Com 706H** well to be horizontally drilled from a surface hole location in the SW4/SW4 (Lot 4) of Section 18 to a bottom hole location in the SW/4SW/4 (Lot 4) of Section 31 (collectively the "Wells").

The completed intervals of the Wells will be unorthodox. Also to be considered will be the costs of drilling and completing the wells and the allocation of the costs, the designation of COG Operating, LLC as the operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The well is located approximately 8 miles southwest of Malaga, New Mexico.

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) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, 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, NM 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47093	2 Pool Code 98220	3 Pool Name Purple Sage; Wolfcamp (Gas)
4 Property Code 40178	5 Property Name MYOX 30 STATE COM	
6 Well Number 704H	7 OGRID No. 229137	
8 Operator Name COG OPERATING LLC		9 Elevation 3045'

10 Surface Location

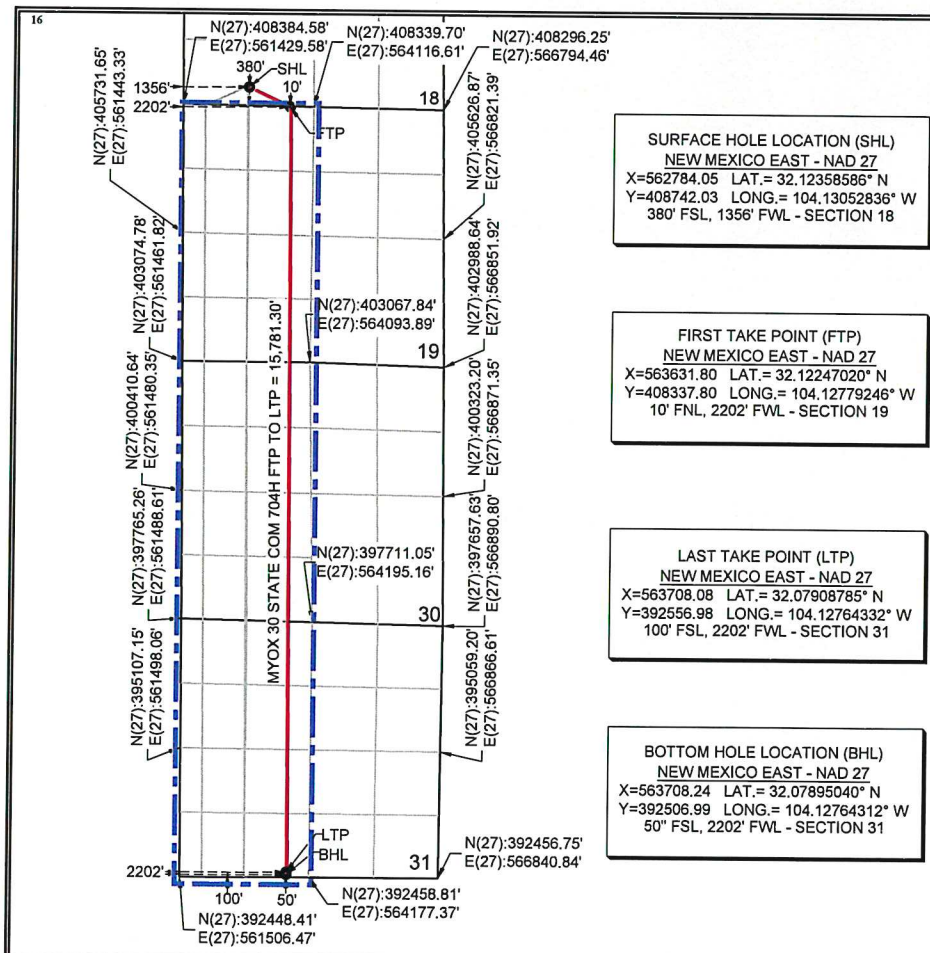
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	18	25-S	28-E		380'	SOUTH	1356'	WEST	EDDY

11 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
N	31	25-S	28-E		50'	SOUTH	2202'	WEST	EDDY

12 Dedicated Acres 963.36	13 Joint or Infill	14 Consolidation Code	15 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.



17 OPERATOR CERTIFICATION

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

Stan Wagner 5/19/21
Signature Date

Stan Wagner
Printed Name

E-mail Address

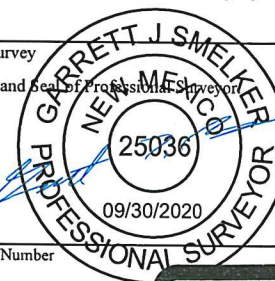
18 SURVEYOR CERTIFICATION

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.

Date of Survey

Signature and Seal of Professional Surveyor

Certificate Number



COG OPERATING LLC

Case No. 22076

Exhibit A-2

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) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brazos Road, 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, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☒ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1 API Number 30-015-47094	2 Pool Code 98220	3 Pool Name Purple Sage; Wolfcamp (Gas)
4 Property Code 40178	5 Property Name MYOX 30 STATE COM	
6 Well Number 705H	7 OGRID No. 229137	
8 Operator Name COG OPERATING LLC		9 Elevation 3045'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L 4	18	25-S	28-E		380'	SOUTH	1326'	WEST	EDDY

11 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
L 4	31	25-S	28-E		50'	SOUTH	1326'	WEST	EDDY

12 Dedicated Acres 963.36	13 Joint or Infill	14 Consolidation Code	15 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.

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

Signature: Stan Wagner Date: 7/6/21

Printed Name: Stan Wagner

E-mail Address: _____

18 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.

Date of Survey: 7/2/2021

Signature and Seal of Professional Surveyor: [Signature]

Certificate Number: 12177

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) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-47095		2 Pool Code 98220		3 Pool Name Purple Sage; Wolfcamp (Gas)	
4 Property Code 40178		5 Property Name MYOX 30 STATE COM			6 Well Number 706H
7 OGRID No. 229137		8 Operator Name COG OPERATING LLC			9 Elevation 3045'

10 Surface Location

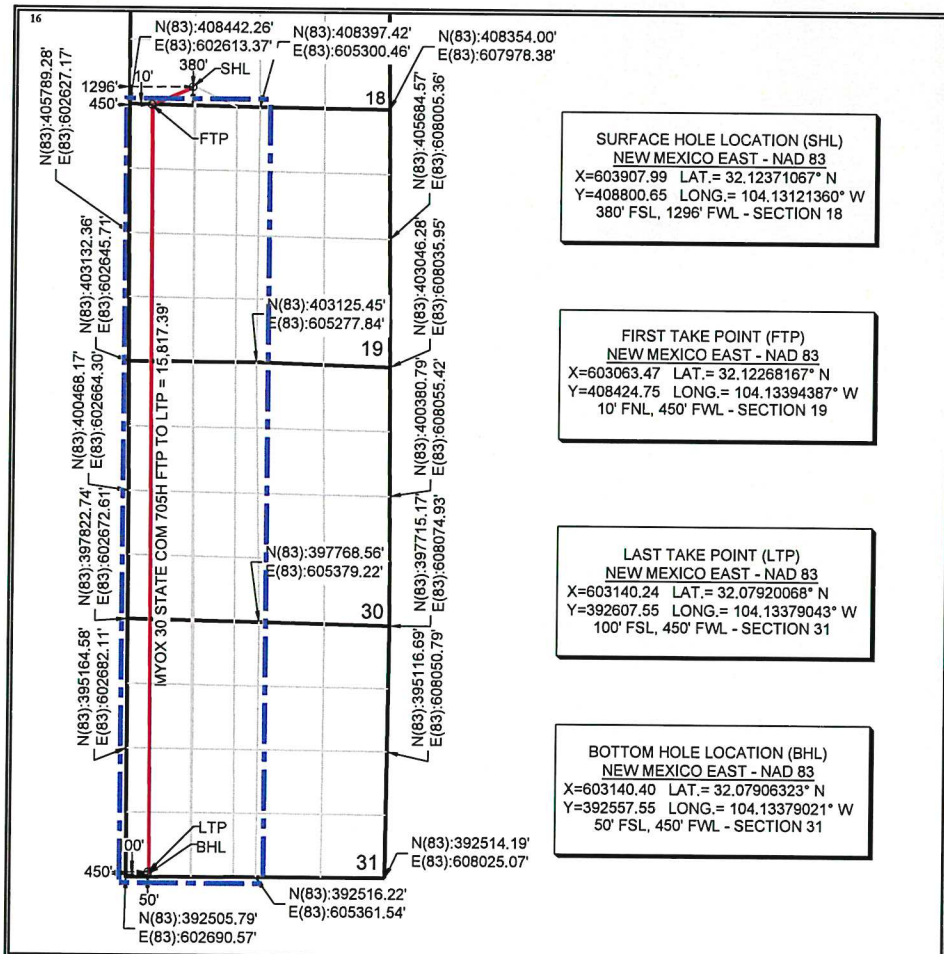
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L 4	18	25-S	28-E		380'	SOUTH	1296'	WEST	EDDY

11 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
L 4	31	25-S	28-E		50'	SOUTH	450'	WEST	EDDY

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
963.36			

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.



17 OPERATOR CERTIFICATION

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

Stan Wagner 7/6/21
Signature Date
Stan Wagner
Printed Name
E-mail Address

18 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.

Date of Survey
Signature and Seal of Professional Surveyor:
MARK J. MURRAY
NEW MEXICO
12177
REGISTERED PROFESSIONAL SURVEYOR
7/2/2021
Certificate Number

TRACT 1 VB-0812-01 160.56 AC		SEC 19, T255-R28E
TRACT 2 FEE 160.72 AC		
TRACT 3 FEE 160.76 AC		SEC 30, T255-R28E
TRACT 4 VB-0836-01 160.68 AC		
TRACT 5 VB-0806-02 320.64		SEC 31, T255-R28E

W2 MYOX 30 SPACING UNIT	

		SEC 19, T255-R28E
		SEC 30, T255-R28E
		SEC 31, T255-R28E

WORKING INTEREST OWNER	TRACT 1	TRACT 2	TRACT 3	TRACT 4	TRACT 5	UNIT RECAP
COG OPERATING LLC	15.757773%	15.773475%	15.777401%	15.7695496%	33.1060594%	96.184258%
CONCHO OIL & GAS LLC	0.199323%	0.199521%	0.199571%	0.1994716%	0.1774484%	0.975335%
OXY Y-1 COMPANY	0.709572%	0.710279%	0.710455%	0.7101018%	0.0000000%	2.840407%
TOTAL						100.000000%

PARTIES TO POOL	INTEREST TYPE
OXY Y-1 COMPANY 5 Greenway Plaza, Suite 110 Houston, TX 77046	WI

Well proposal sent	YES
Communitization Agreement sent	YES
Joint Operating Agreement sent	YES

COG OPERATING LLC

Case No. 22076

Exhibit A-3



July 27, 2021

Via electronic mail to Courtney_carr@oxy.com

OXY Y-1 Company

5 Greenway Plaza, Suite 110

Houston, TX 77046

Attn: Courtney Carr

Re: MYOX 30 STATE COM 704H-706H
W/2 Secs. 19, 30 & 31, T25S-R28E
Eddy County, New Mexico

Dear Courtney:

Reference is herein made to well proposals mailed on May 18, 2021, covering the W/2 Myox 30 State Com unit, wherein COG Operating, LLC ("COG") previously proposed the drilling of the Myox 30 State Com 704H, 705H, and 706H wells. Due to an irregular shape of Sections 18 and 31, the Surface Hole and Bottom Hole Locations for the 705H well were modified slightly to the appropriate Lot number. All revisions are highlighted below; all other content remains the same as previously proposed.

- **Myox 30 State Com 704H**, to be drilled to a depth sufficient to test the Wolfcamp A formation at an approximate total vertical depth of 9,210'. The surface location for this well is proposed at a legal location in Unit N of Section 18, and a bottom hole location at a legal location in Unit N of Section 31. The dedicated horizontal spacing unit will be Lots 1-4 and E/2 W/2 (W/2) of Sections 19, 30 & 31, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$10,340,000.00, as shown on the attached Authority for Expenditure ("AFE").
- **Myox 30 State Com 705H**, to be drilled to a depth sufficient to test the Wolfcamp A formation at an approximate total vertical depth of 9,210'. The surface location for this well is proposed at a legal location in **Lot 4 of Section 18**, and a bottom hole location at a legal location in **Lot 4 of Section 31**. The dedicated horizontal spacing unit will be Lots 1-4 and E/2 W/2 (W/2) of Sections 19, 30 & 31, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$10,340,000.00, as shown on the attached AFE.
- **Myox 30 State Com 706H**, to be drilled to a depth sufficient to test the Wolfcamp A formation at an approximate total vertical depth of 9,210'. The surface location for this well is proposed at a legal location in Lot 4 (SWSW) of Section 18, and a bottom hole location at a legal location in Lot 4 (SWSW) of Section 31. The dedicated horizontal spacing unit will be Lots 1-4 and E/2 W/2 (W/2) of Sections 19, 30 & 31, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$10,340,000.00, as shown on the attached AFE.

Please allow this correspondence to serve as an informational letter regarding the corrections outlined above. Should you have any questions, please contact me at Lizzy.Laufer@conocophillips.com or 432.221.0470.

Sincerely,

COG Operating LLC

Lizzy Laufer
Landman II

LL:bh
Enc

COG OPERATING LLC

Case No. 22076

Exhibit A-4

**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
Drill & Complete**

Well Name MYOX 30 ST COM 704H
SHL 255-28E, SEC. 18: 380' FSL, 1356' FWL, OR UNIT N
BHL 255-28E, SEC. 31: 50' FSL, 2202' FWL, OR UNIT N
Formation WOLF CAMP
Legal W2 SECS. 19, 30, 31, 25S-28E
AFE Numbers

Prospect ATLAS 2528
State & County NEW MEXICO, EDDY
Objective DRILL & COMPLETE
Depth 25,050'
TVD 9,210'

Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Total
Intangible Costs									
D-Lctn/Pits/Roads	205			\$ 109,000.00			\$ -		\$ 109,000.00
D-Drilling Overhead	206			\$ 9,000.00			\$ -		\$ 9,000.00
D-Daywork Contract	209			\$ 594,000.00			\$ -		\$ 594,000.00
D-Directional Drig Services	210			\$ 317,000.00			\$ -		\$ 317,000.00
D-Fuel & Power	211			\$ 102,000.00			\$ -		\$ 102,000.00
D-Water	212			\$ 86,000.00			\$ -		\$ 86,000.00
D-Bits	213			\$ 109,000.00			\$ -		\$ 109,000.00
D-Mud & Chemicals	214			\$ 223,000.00			\$ -		\$ 223,000.00
D-Cement Surface	217			\$ 22,000.00			\$ -		\$ 22,000.00
D-Cement Intermed	218			\$ 86,000.00			\$ -		\$ 86,000.00
D-Prod-2nd Int Cmt	219			\$ 126,000.00			\$ -		\$ 126,000.00
D-Float Equipment & Centralizers	221			\$ 69,000.00			\$ -		\$ 69,000.00
D-Csg Crews & Equip	222			\$ 75,000.00			\$ -		\$ 75,000.00
D-Contract Labor	225			\$ 8,000.00			\$ -		\$ 8,000.00
D-Company Sprvsn	226			\$ 50,000.00			\$ -		\$ 50,000.00
D-Contract Sprvsn	227			\$ 124,000.00			\$ -		\$ 124,000.00
D-Instg Csg/Tbg	228			\$ 46,000.00			\$ -		\$ 46,000.00
D-Mud Logging Unit	229			\$ 46,000.00			\$ -		\$ 46,000.00
D-Rentals-Surface	235			\$ 193,000.00			\$ -		\$ 193,000.00
D-Rentals-Subsrfc	236			\$ 90,000.00			\$ -		\$ 90,000.00
D-Trucking/Forklift/Rlg Mob	237			\$ 184,000.00			\$ -		\$ 184,000.00
D-Welding Services	238			\$ 4,000.00			\$ -		\$ 4,000.00
D-Contingency	243			\$ 69,000.00			\$ -		\$ 69,000.00
D-Envrmtl/Clsd Loop	244			\$ 303,000.00			\$ -		\$ 303,000.00
C-Wellbore Frac Prep	304				\$ 146,000.00		\$ -		\$ 146,000.00
C-Lctn/Pits/Roads	305				\$ 16,000.00		\$ -		\$ 16,000.00
C-Completion OH	306				\$ 23,000.00		\$ -		\$ 23,000.00
C-Frac Equipment	307				\$ 995,000.00		\$ -		\$ 995,000.00
C-Frac Chemicals	308				\$ 631,000.00		\$ -		\$ 631,000.00
C-Frac Proppant	309				\$ 286,000.00		\$ -		\$ 286,000.00
C-Frac Proppant Transportation	310				\$ 445,000.00		\$ -		\$ 445,000.00
C-Fuel Delivery & Services	311				\$ 64,000.00		\$ -		\$ 64,000.00
C-Water	312				\$ 421,000.00		\$ -		\$ 421,000.00
C-Frac Surface Rentals	315				\$ 397,000.00		\$ -		\$ 397,000.00
C-Contract Labor	325				\$ 16,000.00		\$ -		\$ 16,000.00
C-Company Sprvsn	326				\$ 16,000.00		\$ -		\$ 16,000.00
C-Contract Sprvsn	327				\$ 212,000.00		\$ -		\$ 212,000.00
C-Artificial Lift Install	329				\$ 69,000.00		\$ -		\$ 69,000.00
C-Perf/Wireline Svc	331				\$ 489,000.00		\$ -		\$ 489,000.00
C-Trucking/Forklift/Rlg Mob	337				\$ 16,000.00		\$ -		\$ 16,000.00
C-Water Disposal	339				\$ 61,000.00		\$ -		\$ 61,000.00
C-Contingency	343				\$ 114,000.00		\$ -		\$ 114,000.00
C-Dyed Diesel	345				\$ 238,000.00		\$ -		\$ 238,000.00
C-Drillout	346				\$ 454,000.00		\$ -		\$ 454,000.00
TB-Damages/Right of Way	351				\$ 2,000.00		\$ -		\$ 2,000.00
TB-Location/Pits/Roads	353				\$ 34,000.00		\$ -		\$ 34,000.00
TB-Contract Labor	356				\$ 180,000.00		\$ -		\$ 180,000.00
PEQ-Contract Labor	374					\$ 24,000.00	\$ -		\$ 24,000.00
PEQ-Water Disposal	387					\$ 112,000.00	\$ -		\$ 112,000.00
PEQ-HRZ Well Offset Frac	391					\$ 12,000.00	\$ -		\$ 12,000.00
Total Intangible Costs		\$ -	\$ -	\$ 3,044,000.00	\$ 5,109,000.00	\$ 216,000.00	\$ 148,000.00	\$ -	\$ 8,517,000.00
Tangible Costs									
PEQ-Flowback Crews & Equip	392					\$ 68,000.00	\$ -		\$ 68,000.00
D-Surface Casing	401			\$ 25,000.00			\$ -		\$ 25,000.00
D-Intermed Csg	402			\$ 191,000.00			\$ -		\$ 191,000.00
D-Production Casing/Liner	403			\$ 472,000.00			\$ -		\$ 472,000.00
D-Wellhead Equip	405			\$ 86,000.00			\$ -		\$ 86,000.00
C-Tubing	504			\$ 79,000.00			\$ -		\$ 79,000.00
C-Wellhead Equip	505			\$ 43,000.00			\$ -		\$ 43,000.00
TB-Tanks	510				\$ 58,000.00		\$ -		\$ 58,000.00
TB-Flowlines/Pipelines	511				\$ 26,000.00		\$ -		\$ 26,000.00
TB-Htr Trtr/Seprtr	512				\$ 185,000.00		\$ -		\$ 185,000.00
TB-Electrical System/Equipment	513				\$ 114,000.00		\$ -		\$ 114,000.00
C-Pckrs/Anchors/Hrgs	514			\$ 99,000.00			\$ -		\$ 99,000.00
TB-Couplings/Fittings/Valves	515				\$ 192,000.00		\$ -		\$ 192,000.00
TB-Pumps-Surface	521				\$ 26,000.00		\$ -		\$ 26,000.00
TB-Instrumentation/SCADA/POC	522				\$ 20,000.00		\$ -		\$ 20,000.00
TB-Miscellaneous	523				\$ 20,000.00		\$ -		\$ 20,000.00
TB-Meters/Lacts	525				\$ 26,000.00		\$ -		\$ 26,000.00
TB-Flares/Combusters/Emission	526				\$ 31,000.00		\$ -		\$ 31,000.00
C-Gas Lift/Compression	527			\$ 38,000.00			\$ -		\$ 38,000.00
PEQ-Wellhead Equipment	531					\$ 24,000.00	\$ -		\$ 24,000.00
Total Tangible Costs		\$ -	\$ -	\$ 774,000.00	\$ 259,000.00	\$ 698,000.00	\$ 92,000.00	\$ -	\$ 1,823,000.00
Total Gross Cost		\$ -	\$ -	\$ 3,818,000.00	\$ 5,368,000.00	\$ 914,000.00	\$ 240,000.00	\$ -	\$ 10,340,000.00

Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: 5.18.21

We approve:

% Working Interest

COG Operating LLC

By: _____

Company:

By: _____

Printed Name:

Title: _____

Date: _____

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

COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
Drill & Complete

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D-Daywork Contract	209			\$ 594,000.00			\$ -	\$ -	594,000.00
D-Directional Drig Services	210			\$ 317,000.00			\$ -	\$ -	317,000.00
D-Fuel & Power	211			\$ 102,000.00			\$ -	\$ -	102,000.00
D-Water	212			\$ 86,000.00			\$ -	\$ -	86,000.00
D-Bits	213			\$ 109,000.00			\$ -	\$ -	109,000.00
D-Mud & Chemicals	214			\$ 223,000.00			\$ -	\$ -	223,000.00
D-Cement Surface	217			\$ 22,000.00			\$ -	\$ -	22,000.00
D-Cement Intermed	218			\$ 86,000.00			\$ -	\$ -	86,000.00
D-Prod-2nd Int Cmt	219			\$ 126,000.00			\$ -	\$ -	126,000.00
D-Float Equipment & Centralizers	221			\$ 69,000.00			\$ -	\$ -	69,000.00
D-Csg Crews & Equip	222			\$ 75,000.00			\$ -	\$ -	75,000.00
D-Contract Labor	225			\$ 8,000.00			\$ -	\$ -	8,000.00
D-Company Sprvsn	226			\$ 50,000.00			\$ -	\$ -	50,000.00
D-Contract Sprvsn	227			\$ 124,000.00			\$ -	\$ -	124,000.00
D-Tstg Csg/Tbg	228			\$ 46,000.00			\$ -	\$ -	46,000.00
D-Mud Logging Unit	229			\$ 46,000.00			\$ -	\$ -	46,000.00
D-Rentals-Surface	235			\$ 193,000.00			\$ -	\$ -	193,000.00
D-Rentals-Subrfc	236			\$ 90,000.00			\$ -	\$ -	90,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 184,000.00			\$ -	\$ -	184,000.00
D-Welding Services	238			\$ 4,000.00			\$ -	\$ -	4,000.00
D-Contingency	243			\$ 69,000.00			\$ -	\$ -	69,000.00
D-Envrnmnt/Clid Loop	244			\$ 303,000.00			\$ -	\$ -	303,000.00
C-Wellbore Frac Prep	304				\$ 146,000.00		\$ -	\$ -	146,000.00
C-Lctr/Pits/Roads	305				\$ 16,000.00		\$ -	\$ -	16,000.00
C-Completion OH	306				\$ 23,000.00		\$ -	\$ -	23,000.00
C-Frac Equipment	307				\$ 995,000.00		\$ -	\$ -	995,000.00
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C-Fuel Delivery & Services	311				\$ 64,000.00		\$ -	\$ -	64,000.00
C-Water	312				\$ 421,000.00		\$ -	\$ -	421,000.00
C-Frac Surface Rentals	315				\$ 397,000.00		\$ -	\$ -	397,000.00
C-Contract Labor	325				\$ 16,000.00		\$ -	\$ -	16,000.00
C-Company Sprvsn	326				\$ 16,000.00		\$ -	\$ -	16,000.00
C-Contract Sprvsn	327				\$ 212,000.00		\$ -	\$ -	212,000.00
C-Artificial Lift Install	329				\$ 69,000.00		\$ -	\$ -	69,000.00
C-Perf/Wireline Svc	331				\$ 489,000.00		\$ -	\$ -	489,000.00
C-Trucking/Forklift/Rig Mob	337				\$ 16,000.00		\$ -	\$ -	16,000.00
C-Water Disposal	339				\$ 61,000.00		\$ -	\$ -	61,000.00
C-Contingency	343				\$ 114,000.00		\$ -	\$ -	114,000.00
C-Dyed Diesel	345				\$ 238,000.00		\$ -	\$ -	238,000.00
C-Drillout	346				\$ 454,000.00		\$ -	\$ -	454,000.00
TB-Damages/Right of Way	351					\$ 2,000.00	\$ -	\$ -	2,000.00
TB-Location/Pits/Roads	353					\$ 34,000.00	\$ -	\$ -	34,000.00
TB-Contract Labor	356					\$ 180,000.00	\$ -	\$ -	180,000.00
PEQ-Contract Labor	374						\$ 24,000.00	\$ -	24,000.00
PEQ-Water Disposal	387						\$ 112,000.00	\$ -	112,000.00
PEQ-HRZ Well Offset Frac	391						\$ 12,000.00	\$ -	12,000.00
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D-Production Casing/Liner	403			\$ 472,000.00			\$ -	\$ -	472,000.00
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C-Tubing	504				\$ 79,000.00		\$ -	\$ -	79,000.00
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PEQ-Wellhead Equipment	531						\$ 24,000.00	\$ -	24,000.00
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Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: 5.18.21

We approve:

COG Operating LLC

% Working Interest

By: _____

Company:

By: _____

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AUTHORITY FOR EXPENDITURE
Drill & Complete

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D-Csg Crews & Equip	222			\$ 75,000.00			\$ -	\$ -	75,000.00
D-Contract Labor	225			\$ 8,000.00			\$ -	\$ -	8,000.00
D-Company Sprvsn	226			\$ 50,000.00			\$ -	\$ -	50,000.00
D-Contract Sprvsn	227			\$ 124,000.00			\$ -	\$ -	124,000.00
D-Tstg Csg/Tbg	228			\$ 46,000.00			\$ -	\$ -	46,000.00
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D-Rentals-Surface	235			\$ 193,000.00			\$ -	\$ -	193,000.00
D-Rentals-Subsrfc	236			\$ 90,000.00			\$ -	\$ -	90,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 184,000.00			\$ -	\$ -	184,000.00
D-Welding Services	238			\$ 4,000.00			\$ -	\$ -	4,000.00
D-Contingency	243			\$ 69,000.00			\$ -	\$ -	69,000.00
D-Envrnmnt/Cld Loop	244			\$ 303,000.00			\$ -	\$ -	303,000.00
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TB-Tanks	510				\$ 58,000.00		\$ -	\$ -	58,000.00
TB-Flowlines/Pipelines	511				\$ 26,000.00		\$ -	\$ -	26,000.00
TB-Htr Trtr/Seprtr	512				\$ 185,000.00		\$ -	\$ -	185,000.00
TB-Electrical System/Equipment	513				\$ 114,000.00		\$ -	\$ -	114,000.00
C-Pckrs/Anchors/Hgrs	514			\$ 99,000.00			\$ -	\$ -	99,000.00
TB-Couplings/Fittings/Valves	515				\$ 192,000.00		\$ -	\$ -	192,000.00
TB-Pumps-Surface	521				\$ 26,000.00		\$ -	\$ -	26,000.00
TB-Instrumentation/SCADA/POC	522				\$ 20,000.00		\$ -	\$ -	20,000.00
TB-Miscellaneous	523				\$ 20,000.00		\$ -	\$ -	20,000.00
TB-Meters/Lacts	525				\$ 26,000.00		\$ -	\$ -	26,000.00
TB-Flares/Combusters/Emission	526				\$ 31,000.00		\$ -	\$ -	31,000.00
C-Gas Lift/Compression	527			\$ 38,000.00			\$ -	\$ -	38,000.00
PEQ-Wellhead Equipment	531					\$ 24,000.00	\$ -	\$ -	24,000.00
Total Tangible Costs		\$ -	\$ -	\$ 774,000.00	\$ 259,000.00	\$ 698,000.00	\$ 92,000.00	\$ -	\$ 1,823,000.00
Total Gross Cost		\$ -	\$ -	\$ 3,818,000.00	\$ 5,368,000.00	\$ 914,000.00	\$ 240,000.00	\$ -	\$ 10,340,000.00

Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: 5.18.21

We approve:

COG Operating LLC

% Working Interest

By: _____

Company:

By: _____

Printed Name:

Title: _____

Date: _____

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

W2 Myox 30 State Com – CHRONOLOGY EFFORTS

5/20/2021- Sent Myox 30 State Com 704H, 705H and 706H well proposals and proposed JOA from to Oxy.

5/20/2021 – 6/15/21 – negotiated JOA terms with OXY and sent replacement JOA pages with OXY requested revisions incorporated.

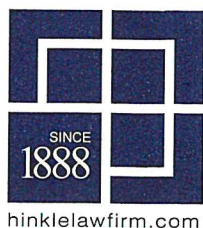
6/24/21, 7/7/21, 7/15/21 & 7/26/21 – email correspondence with OXY in regard to JOA execution. OXY and COG finalized JOA terms on 6/15/21.

7/27/21 – Informational letter to OXY revising SHL/BHL for Myox 30 State Com 705H due to Section 18 and 31 being irregular shaped.

COG OPERATING LLC

Case No. 22076

Exhibit A-5



HINKLE SHANOR LLP

ATTORNEYS AT LAW

PO BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:

Dana S. Hardy, Partner
dhardy@hinklelawfirm.com

July 8, 2021

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO ALL INTERESTED PARTIES SUBJECT TO NOTICE

Re: Case No. 22076 - Application of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico.

To whom it may concern:

This letter is to advise you that COG Operating LLC filed the enclosed application with the New Mexico Oil Conservation Division. The hearing will be conducted on **August 5, 2021** 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: <http://www.emnrd.state.nm.us/OCD/announcements.html>. 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 electronically submitted to ocd.hearings@state.nm.us 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. 22076

Exhibit A-6

PO BOX 10
ROSWELL, NEW MEXICO 88202
575-622-6510
(FAX) 575-623-9332

PO BOX 1720
ARTESIA, NEW MEXICO 88211
575-622-6510
(FAX) 575-746-6316

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

7601 JEFFERSON ST NE • SUITE 180
ALBUQUERQUE, NEW MEXICO 87109
505-858-8320
(FAX) 505-858-8321

7020 2450 0002 1363 4700

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<input type="checkbox"/> Adult Signature Restricted Delivery	\$
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	Midland, TX 79706
City, State,	
PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions	

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<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>Chevron U.S.A. Inc. 6301 Deauville Midland, TX 79706</p> <p>2. Article Number (Transfer from service label)</p> <p>7020 2450 0002 1363 4700</p>	<p>A. Signature</p> <p><i>Stephanie Gamba</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) C. Date of Delivery</p> <p>Stephanie Gamba 7/12/21</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If YES, enter delivery address below:</p> <p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input checked="" type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>

PS Form 3811, July 2015 PSN 7530-02-000-9053

Domestic Return Receipt

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Street or	OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046
City, State	
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<p>■ Complete items 1, 2, and 3.</p> <p>■ Print your name and address on the reverse so that we can return the card to you.</p> <p>■ Attach this card to the back of the mailpiece, or on the front if space permits.</p> <p>1. Article Addressed to:</p> <p>OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046</p> <p>2. Article Number (Transfer from service label)</p> <p>7020 2450 0002 1363 4717</p>	<p>A. Signature</p> <p>X <i>CV 19</i> <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>CV 19</i> C. Date of Delivery <i>7-6-21</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, enter delivery address below:</p> <p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input checked="" type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input checked="" type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail (over \$500)</p>

PS Form 3811, July 2015 PSN 7530-02-000-9053

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Carlsbad Current Argus.
PART OF THE USA TODAY NETWORK**Affidavit of Publication**

Ad # 0004821920

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 on the date as follows, to wit:

07/15/2021

Linda Tutt
Legal Clerk

Subscribed and sworn before me this July 15, 2021:

Kathleen Allen
State of WI, County of Brown
NOTARY PUBLIC

1-7-25
My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0004821920
PO #: Case No. 22076
of Affidavits 1**This is not an invoice****COG OPERATING LLC**

Case No. 22076

Exhibit A-7

This is to notify all interested parties, including: Chevron U.S.A. Inc.; OXY Y-1 Company; 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. 22076). 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 August 5, 2021 beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <http://www.emnrd.state.nm.us/OCD/hearings.html>. Applicant applies for an order pooling all uncommitted interests from the top of the Wolfcamp formation to 10,408' (being 100' below the base of the deepest depth drilled by the Myox 30 State Com 801H (API No. 30-025-45752), top of the Wolfcamp formation being interpreted as 9,002' TVD as shown on the log of Marbob Energy Corporation-Red Ryder State #1 well (API No. 30-015-35150), Section 25, T25S-R27E, Eddy County, New Mexico) underlying a 963.36-acre, more or less, standard horizontal spacing unit comprised of Lots 1-4 and E/2W/2 (W/2 equivalent) of Sections 19, 30 and 31, Township 25 South, Range 28 East, Eddy County, New Mexico ("Unit"). The Unit will be dedicated to the following proposed initial wells:

- Myox 30 State Com 704H wells to be horizontally drilled from a surface hole location in the SE/4SW/4 (Unit N) of Section 18 to a bottom hole location in the SE/4SW/4 (Unit N) of Section 31, and
- Myox 30 State Com 705H and Myox 30 State Com 706H well to be horizontally drilled from a surface hole location in the SW4/SW4 (Lot 4) of Section 18 to a bottom hole location in the SW/4SW/4 (Lot 4) of Section 31 (collectively the "Wells").

The completed intervals of the Wells will be unorthodox. Also to be considered will be the costs of drilling and completing the wells and the allocation of the costs, the designation of COG Operating, LLC as the operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The well is located approximately 8 miles southwest of Malaga, New Mexico.

#4821920, Current Argus, July 15, 2021

**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. 22076

**SELF-AFFIRMED STATEMENT
OF JESSICA PONTIFF**

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 a Master of Science in geology and fourteen years of experience as a geologist in the Petroleum Industry working the Permian Basin, the last seven of which have been with COG. My experience has been focused on well planning, development, operations and resource evaluation for horizontal drilling programs in the Midland and Delaware Basins.

2. I am familiar with the geological matters that pertain to the above-referenced case.

3. **Exhibit B-1** is a location map for the proposed horizontal spacing unit ("Unit") within the Wolfcamp formation. The approximate wellbore paths for the proposed **Myox 30 State Com 704H, 705H and 706H** wells ("Wells") are represented by red dashed lines. Existing producing wells in the targeted interval are represented by solid light purple lines.

4. **Exhibit B-2** is a subsea structure map for the top of the Wolfcamp formation that is representative of the targeted interval within the formation. The data points are indicated by red crosses. The approximate wellbore paths for the Wells are depicted by red dashed lines. 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-2** also identifies three wells penetrating the targeted interval 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-3** is a stratigraphic cross-section using the representative wells identified on **Exhibit B-2**. It contains gamma ray, resistivity and porosity logs. The proposed landing zone for the Wells are 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 Wells is appropriate properly develop the subject acreage because of consistent rock properties throughout the Unit and equivalent orientation versus the offset producers.

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 Wells.

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 exhibits attached hereto 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.

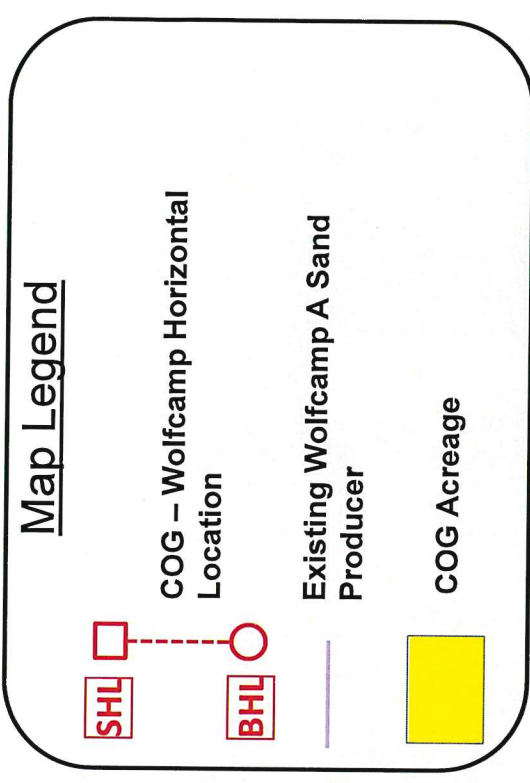

Jessica Pontiff

August 2, 2021
Date

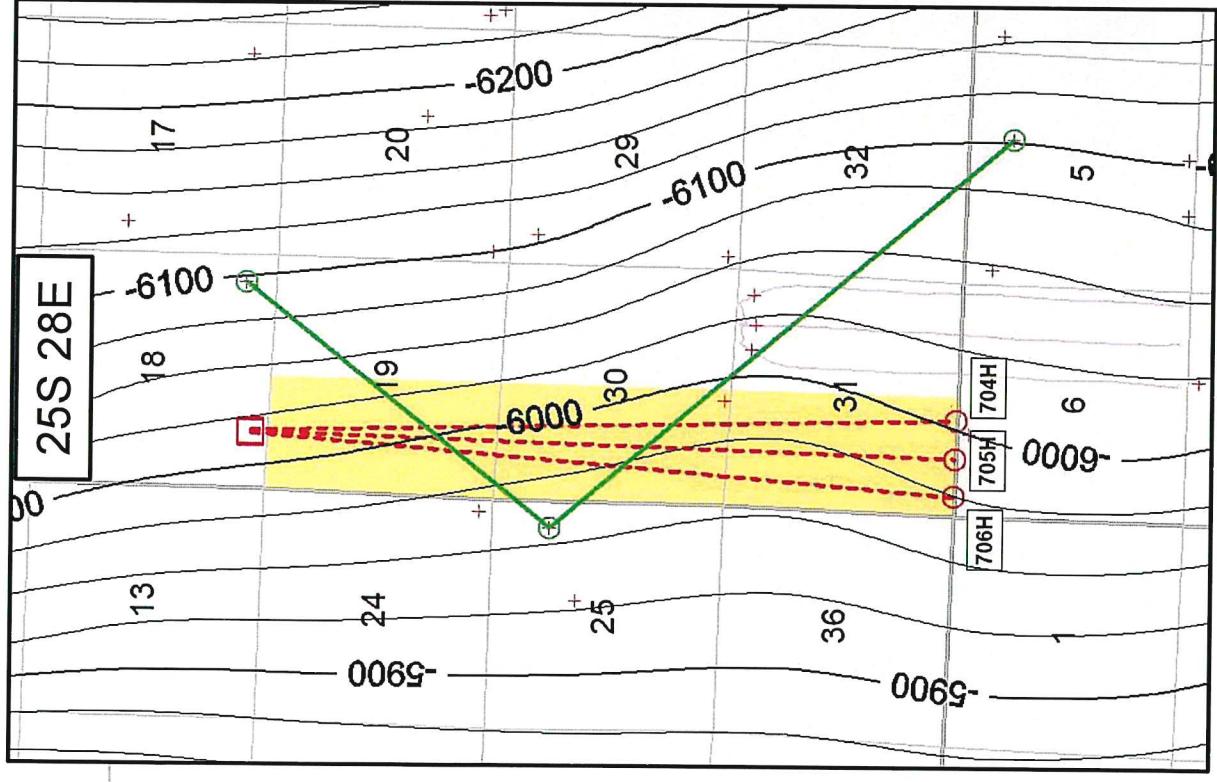


Wolfcamp Pool

Myox 30 Sate Com 704H, 705H and 706H



Wolfcamp Pool Wolfcamp Structure Map



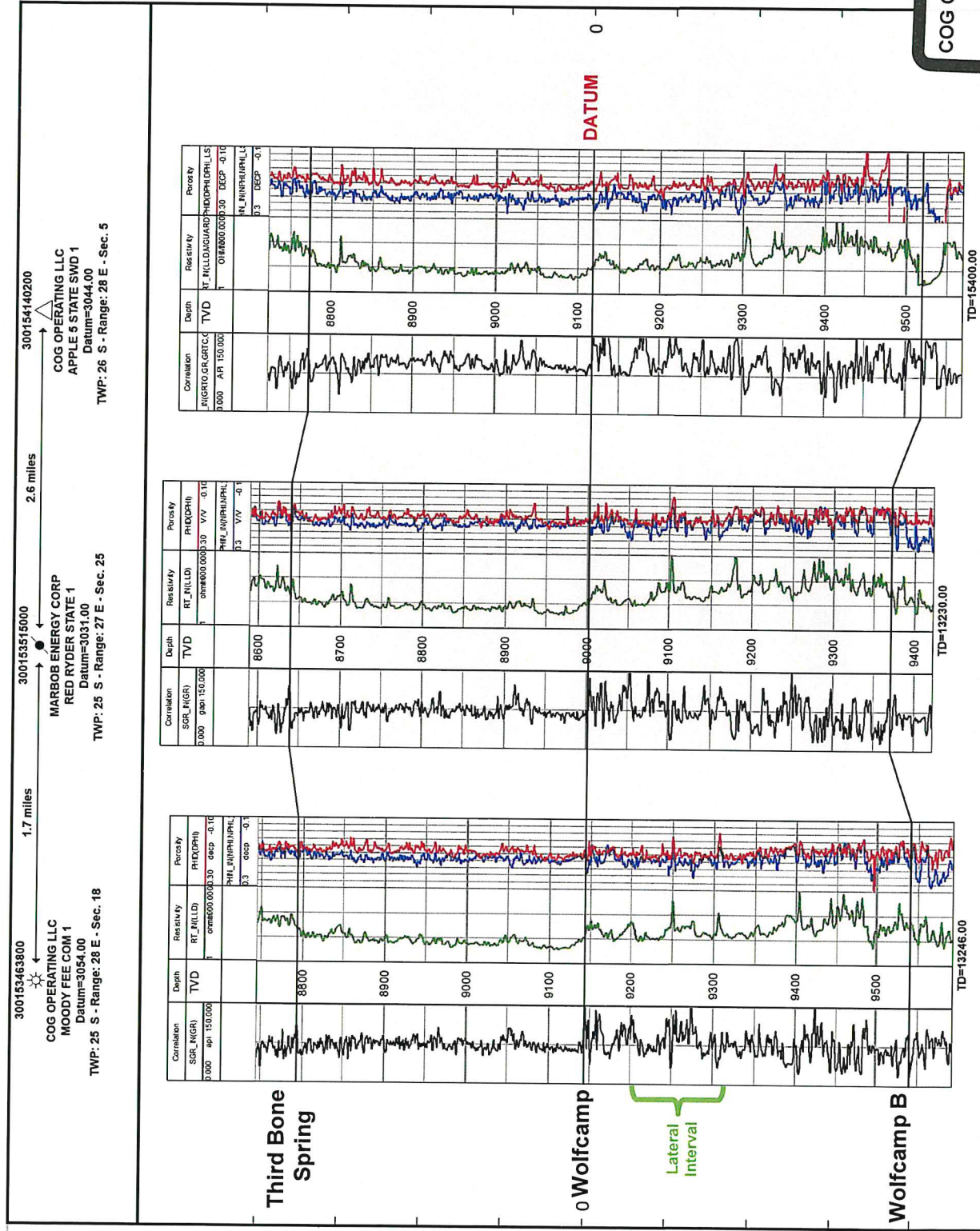
Map Legend

- COG – Wolfcamp Horizontal Location
- Existing Wolfcamp A Sand Producer
- Wolfcamp Subsea Structure CI: 25'
- Cross Section Line
- Structural Data Point
- COG Acreage



COG OPERATING LLC
Case No. 22076
Exhibit B-2

Stratigraphic Cross Section A - A'



COG OPERATING LLC
Case No. 22076
Exhibit B-3

Jessica L. Pontiff

Senior Geologist

ConocoPhillips

Midland, TX

Education:

MS Geology: 2007, University of Arkansas – Fayetteville, AR

Thesis: Subsurface Regional Stratigraphic Framework of Morrowan Strata, Northern Arkoma Basin

BS Geosciences: 2002, Trinity University – San Antonio, TX

Experience:

Fourteen years of experience as a geologist in the Petroleum Industry working the Permian Basin. Experience includes nearly four years with a leading oil field service company focusing on wireline logging and image log interpretation across the Permian plus other North American Basins. Most recent experience includes ten years with various independent operators focused on Permian assets being involved in well planning, development, operations and resource evaluation for both vertical wells and horizontal drilling programs in the Midland and Delaware basins.

Non-industry geologic experience includes over two years of environmental geology and construction materials testing plus two years as geology laboratory and field course teaching assistant.

Professional Societies:

Member (current and past): SWS AAPG, West Texas Geologic Society, PBS-SEPM

Past Board Member: SWS AAPG, West Texas Geologic Society, PBS-SEPM

COG OPERATING LLC

Case No. 22076

Exhibit C