

**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. 23344

HEARING EXHIBITS

Compulsory Pooling Checklist

- | | |
|-----------|--|
| Exhibit A | Self-Affirmed Statement of Shelley Klinger |
| A-1 | Application & Proposed Notice of Hearing |
| A-2 | C-102s |
| A-3 | Plat of Tracts, Tract Ownership, Unit Recapitulation, Pooled Parties |
| A-4 | Sample Well Proposal Letter & AFEs |
| A-5 | Chronology of Contact |
| Exhibit B | Self-Affirmed Statement of Jessica Pontiff |
| B-1 | Location Map of the Keg Shell Fed Com 701H, 702H, 703H, 704H, 705H, 706H, 901H, 902H, 903H, 904H, 906H, 907H, 908H, and 909H Wells |
| B-2 | Wolfcamp 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 7, 2023 |

Released by OGD on 3/14/2023 3:59:05 PM

COMPULSORY POOLING APPLICATION CHECKLIST

ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS

Case: 23344	APPLICANT'S RESPONSE
Date	March 16, 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, Eddy County, New Mexico.
Entries of Appearance/Intervenors:	None
Well Family	Keg Shell
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 (Code 98220)
Well Location Setback Rules:	Statewide
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1,535.8-acres
Building Blocks:	Half Sections
Orientation:	North/South
Description: TRS/County	Sections 23 and 26, and the N/2 N/2 and Lots 1, 2, 3, and 4 ("all") of irregular Section 35, Township 26 South, Range 28 East, Eddy 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	Yes. The completed interval of the Keg Shell Fed Com 906H well will be located within 330' of the line separating the E/2 and W/2 of Sections 23, 26, and 35 to allow for the creation of a 1,535.8-acre standard horizontal spacing unit.
Proximity Defining Well: if yes, description	Keg Shell Fed Com 906H
Applicant's Ownership in Each Tract	Exhibit A-3
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	Keg Shell Fed Com 701H (API # ---) SHL: 360' FSL & 1314' FEL (Lot 4), Section 35, T26S, R28E BHL: 200' FNL & 550' FEL (Unit A), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,640' TVD)
Well #2	Keg Shell Fed Com 702H (API # ---) SHL: 360' FSL & 1344' FEL (Lot 3), Section 35, T26S, R28E BHL: 200' FNL & 1430' FEL (Unit B), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,620' TVD)

Well #3 <i>Received by OCD: 3/14/2023 3:57:36 PM</i>	Keg Shell Fed Com 703H (API # ---) SHL: 360' FSL & 1374' FEL (Lot 3), Section 35, T26S, R28E BHL: 200' FNL & 2310' FEL (Unit B), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,600' TVD)	<i>Page 3 of 89</i>
Well #4	Keg Shell Fed Com 704H (API # ---) SHL: 460' FSL & 1400' FWL (Lot 2), Section 35, T26S, R28E BHL: 200' FNL & 2204' FWL (Unit C), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,560' TVD)	
Well #5	Keg Shell Fed Com 705H (API # ---) SHL: 460' FSL & 1370' FWL (Lot 2), Section 35, T26S, R28E BHL: 200' FNL & 1324' FWL (Unit D), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,540' TVD)	
Well #6	Keg Shell Fed Com 706H (API # ---) SHL: 460' FSL & 1340' FWL (Lot 1), Section 35, T26S, R28E BHL: 200' FNL & 444' FWL (Unit D), Section 23, T26S, R28E Completion Target: Wolfcamp A Shale (Approx. 9,585' TVD)	
Well #7	Keg Shell Fed Com 901H (API # ---) SHL: 360' FSL & 825' FEL (Lot 4), Section 35, T26S, R28E BHL: 200' FNL & 330' FEL (Unit A), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,385' TVD)	
Well #8	Keg Shell Fed Com 902H (API # ---) SHL: 360' FSL & 855' FEL (Lot 4), Section 35, T26S, R28E BHL: 200' FNL & 990' FEL (Unit A), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,575' TVD)	
Well #9	Keg Shell Fed Com 903H (API # ---) SHL: 360' FSL & 885' FEL (Lot 4), Section 35, T26S, R28E BHL: 200' FNL & 1675' FEL (Unit B), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,365' TVD)	
Well #10	Keg Shell Fed Com 904H (API # ---) SHL: 360' FSL & 915' FEL (Lot 4), Section 35, T26S, R28E BHL: 200' FNL & 2345' FEL (Unit B), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,555' TVD)	
Well #11	Keg Shell Fed Com 906H (API # ---) SHL: 460' FSL & 970' FWL (Lot 1), Section 35, T26S, R28E BHL: 200' FNL & 2400' FWL (Unit C), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,390' TVD)	
Well #12	Keg Shell Fed Com 907H (API # ---) SHL: 460' FSL & 940' FWL (Lot 1), Section 35, T26S, R28E BHL: 200' FNL & 1710' FWL (Unit C), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,580' TVD)	
Well #13	Keg Shell Fed Com 908H (API # ---) SHL: 460' FSL & 910' FWL (Lot 1), Section 35, T26S, R28E BHL: 200' FNL & 1020' FWL (Unit D), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,375' TVD)	
Well #14	Keg Shell Fed Com 909H (API # ---) SHL: 460' FSL & 880' FWL (Lot 1), Section 35, T26S, R28E BHL: 200' FNL & 330' FWL (Unit D), Section 23, T26S, R28E Completion Target: Wolfcamp C (Approx. 10,565' TVD)	
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 \$	\$8,000.00	
Production Supervision/Month \$	\$800.00	
Justification for Supervision Costs	Exhibit A	
Requested Risk Charge	200%	
Notice of Hearing		

Proposed Notice of Hearing <i>Received by OCD: 3/14/2023 3:57:36 PM</i>	Exhibit A-1	<i>Page 4 of 89</i>
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-3	
Tract List (including lease numbers and owners)	Exhibit A-3	
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-3	
Unlocatable Parties to be Pooled	N/A	
Ownership Depth Severance (including percentage above & below)	Exhibit A-3	
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	Exhibit A-4	
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-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-3	
Cross Section (including Landing Zone)	Exhibit B-4	
Additional Information		
Special Provisions/Stipulations	N/A	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.		
Printed Name (Attorney or Party Representative):	Dana S. Hardy	
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy	
Date:		3/14/2023

**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. 23344

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

1. I am a Staff 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 previously testified before the New Mexico Oil Conservation Division (“Division”) and my credentials 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 notice are attached at **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 Wolfcamp formation underlying a 1,535.8-acre, more or less, standard horizontal spacing unit comprised of Sections 23 and 26, and the N/2 N/2 and Lots 1, 2, 3, and 4 (“all”) of irregular Section 35, Township 26 South, Range 28 East, Eddy County, New Mexico (“Unit”).

5. The Unit will be dedicated to the following wells (“Wells”) which will be completed in the Purple Sage; Wolfcamp Pool (Code 98220):

- **Keg Shell Fed Com 701H, Keg Shell Fed Com 702H, Keg Shell Fed Com 901H, and Keg Shell Fed Com 902H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole

**COG Operating LLC
Case No. 23344
Exhibit A**

location in the NE/4 NE/4 (Unit A) of Section 23, Township 26 South, Range 28 East;

- **Keg Shell Fed Com 703H**, to be drilled from a surface hole location in Lot 3 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 23, Township 26 South, Range 28 East;
- **Keg Shell Fed Com 704H** and **Keg Shell Fed Com 705H**, to be drilled from a surface hole location in Lot 2 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East;
- **Keg Shell Fed Com 706H**, **Keg Shell Fed Com 908H**, and **Keg Shell Fed Com 909H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 23, Township 26 South, Range 28 East;
- **Keg Shell Fed Com 903H** and **Keg Shell Fed Com 904H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 35, Township 26 South, Range 28 East; and
- **Keg Shell Fed Com 906H** and **Keg Shell Fed Com 907H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East.

6. The completed intervals of the Wells will be orthodox.

7. The completed interval of the Keg Shell Fed Com 906H well will be located within 330' of the line separating the E/2 and W/2 of Sections 23, 26, and 35 to allow for the creation of a 1,535.8-acre standard horizontal spacing unit.

8. **Exhibit A-2** contains the C-102s for the Wells.

9. **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.

10. All of the parties COG seeks to pool are locatable in that COG believes it located valid addresses. To locate the interest owners, I performed internet searches on multiple databases, including Lexis-Nexis Accurint, which is a paid subscription service. COG has conducted a diligent search of all county public records including phone directories and computer databases.

11. **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.

12. 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**.

13. COG requests overhead and administrative rates of \$8,000.00 per month while the Wells are being drilled and \$800.00 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.

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

15. 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.

16. 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.



Shelley C. Klingler

3/14/2023

Date

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

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

CASE NO. 23344

APPLICATION

In accordance with NMSA 1978, § 70-2-17, COG Operating LLC (“COG” or “Applicant”), through its undersigned attorneys, files this application with the Oil Conservation Division (“Division”) seeking an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,535.8-acre, more or less, standard horizontal spacing unit comprised of Sections 23 and 26, and the N/2 N/2 and Lots 1, 2, 3, and 4 (“all”) of irregular Section 35, Township 26 South, Range 28 East, Eddy County, New Mexico (“Unit”). In support of this application, COG states the following.

1. Applicant (OGRID No. 229137) is a working interest owner in the Unit and has the right to drill thereon.
2. Applicant seeks to dedicate the Unit to the following proposed wells (“Wells”):
 - a. **Keg Shell Fed Com 701H, Keg Shell Fed Com 702H, Keg Shell Fed Com 901H, and Keg Shell Fed Com 902H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 23, Township 26 South, Range 28 East;
 - b. **Keg Shell Fed Com 703H**, to be drilled from a surface hole location in Lot 3 of Section 35, Township 26 South, Range 28 East, to a bottom hole

**COG Operating LLC
Case No. 23344
Exhibit A-1**

location in the NW/4 NE/4 (Unit B) of Section 23, Township 26 South, Range 28 East;

- c. **Keg Shell Fed Com 704H and Keg Shell Fed Com 705H**, to be drilled from a surface hole location in Lot 2 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East;
- d. **Keg Shell Fed Com 706H, Keg Shell Fed Com 908H, and Keg Shell Fed Com 909H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 23, Township 26 South, Range 28 East;
- e. **Keg Shell Fed Com 903H and Keg Shell Fed Com 904H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 35, Township 26 South, Range 28 East; and
- f. **Keg Shell Fed Com 906H and Keg Shell Fed Com 907H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East.

3. The completed intervals of the Wells will be orthodox.

4. The completed interval of the Keg Shell Fed Com 906H well will be located within 330' of the line separating the E/2 and W/2 of Sections 23, 26, and 35 to allow for the creation of a 1,535.8-acre standard horizontal spacing unit.

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

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

7. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the proposed horizontal wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on March 2, 2023, and, after notice and hearing as required by law, the Division enter an order:

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

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy

Dana S. Hardy

Jaclyn M. McLean

Yarithiza Peña

P.O. Box 2068

Santa Fe, NM 87504-2068

Phone: (505) 982-4554

Facsimile: (505) 98208623

dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com

ypena@hinklelawfirm.com

Counsel for COG Operating LLC

Application of COG Operating LLC for Compulsory Pooling, Eddy County, New Mexico. COG Operating LLC (“Applicant”) seeks an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,535.8-acre, more or less, standard horizontal spacing unit comprised of Sections 23 and 26, and the N/2 N/2 and Lots 1, 2, 3, and 4 (“all”) of irregular Section 35, Township 26 South, Range 28 East, Eddy County, New Mexico (“Unit”). Applicant seeks to dedicate the Unit to the following proposed wells (“Wells”): **Keg Shell Fed Com 701H, Keg Shell Fed Com 702H, Keg Shell Fed Com 901H, and Keg Shell Fed Com 902H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 23, Township 26 South, Range 28 East; **Keg Shell Fed Com 703H**, to be drilled from a surface hole location in Lot 3 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 23, Township 26 South, Range 28 East; **Keg Shell Fed Com 704H and Keg Shell Fed Com 705H**, to be drilled from a surface hole location in Lot 2 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East; **Keg Shell Fed Com 706H, Keg Shell Fed Com 908H, and Keg Shell Fed Com 909H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 23, Township 26 South, Range 28 East; **Keg Shell Fed Com 903H and Keg Shell Fed Com 904H**, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 35, Township 26 South, Range 28 East; and **Keg Shell Fed Com 906H and Keg Shell Fed Com 907H**, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East. The completed intervals of the Wells will be orthodox. The completed interval of the Keg Shell Fed Com 906H well will be located within 330’ of the line separating the E/2 and W/2 of Sections 23, 26, and 35 to allow for the creation of a 1,535.8-acre standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 13.6 miles south of Malaga, New Mexico.

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		98220	Purple Sage; Wolfcamp
Property Code	Property Name		Well Number
	KEG SHELL FEDERAL COM		701H
OGRID No.	Operator Name		Elevation
229137	COG OPERATING, LLC		2990.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	28-E		360	SOUTH	1314	EAST	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
A	23	26-S	28-E		200	NORTH	550	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1535.8			

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

NAD 27 NME
PROPOSED BOTTOM HOLE LOCATION
Y=376457.0 N
X=587594.2 E
LAT.=32.034680° N
LONG.=104.050661° W

POINT LEGEND	
1	Y=376667.1 N X=588147.6 E
2	Y=371401.8 N X=588062.8 E
3	Y=366193.1 N X=588180.1 E
4	Y=363812.8 N X=588186.5 E
5	Y=363800.4 N X=585479.5 E
6	Y=366009.3 N X=585418.6 E
7	Y=371308.1 N X=585358.7 E
8	Y=376617.1 N X=585405.3 E

NAD 27 NME
SURFACE LOCATION
Y=364166.6 N
X=586871.5 E
LAT.=32.000898° N
LONG.=104.053096° W

OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey _____

Signature & Seal of Professional Surveyor

Chad L. Harcrow 10/20/20

Certificate No. CHAD HARCROW 17777

W.O. # 20-1328 DRAWN BY: AH

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 702H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2990.3'

Surface Location

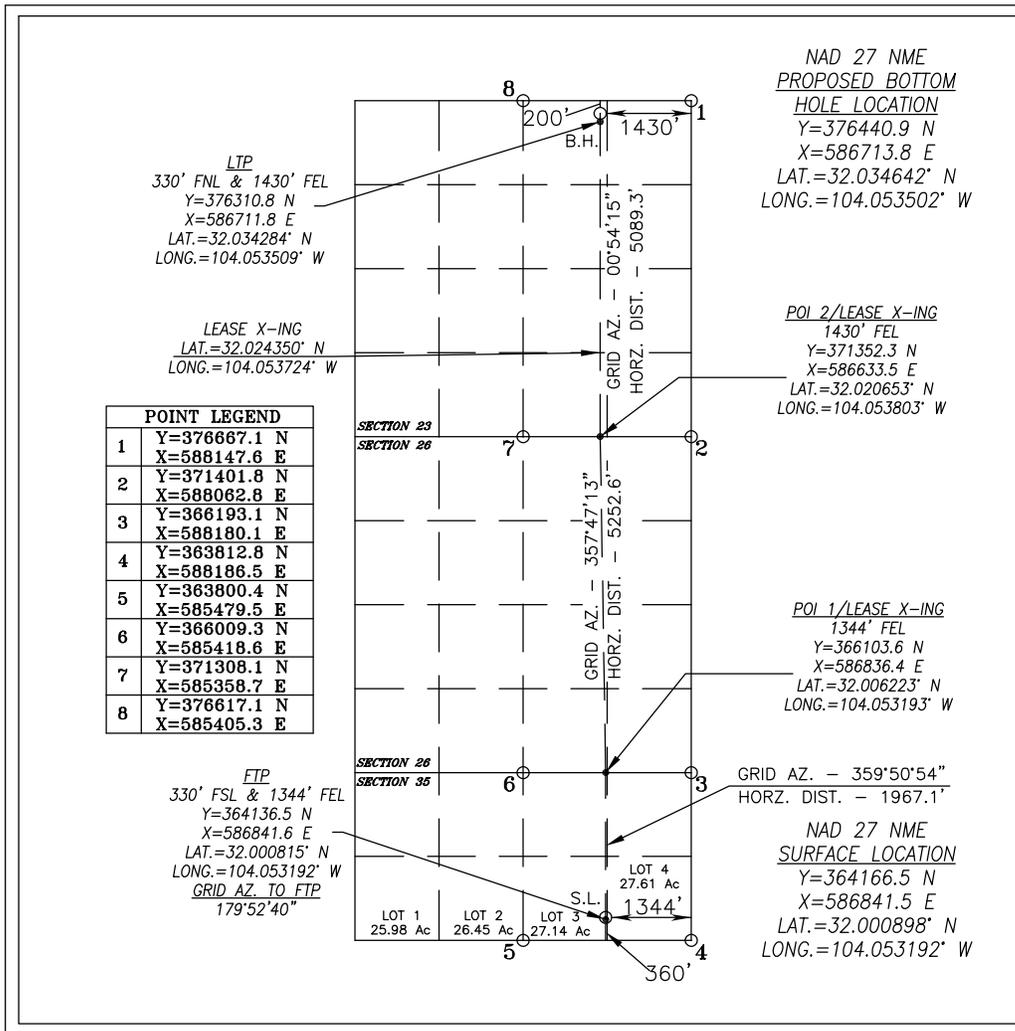
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	35	26-S	28-E		360	SOUTH	1344	EAST	EDDY

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
B	23	26-S	28-E		200	NORTH	1430	EAST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 10/21/20

Certificate No. CHAD HARCROW 17777
W.O. # 20-1327 DRAWN BY: AH

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number		Pool Code	Pool Name
		98220	Purple Sage; Wolfcamp
Property Code	Property Name		Well Number
	KEG SHELL FEDERAL COM		703H
OGRID No.	Operator Name		Elevation
229137	COG OPERATING, LLC		2990.8'

Surface Location

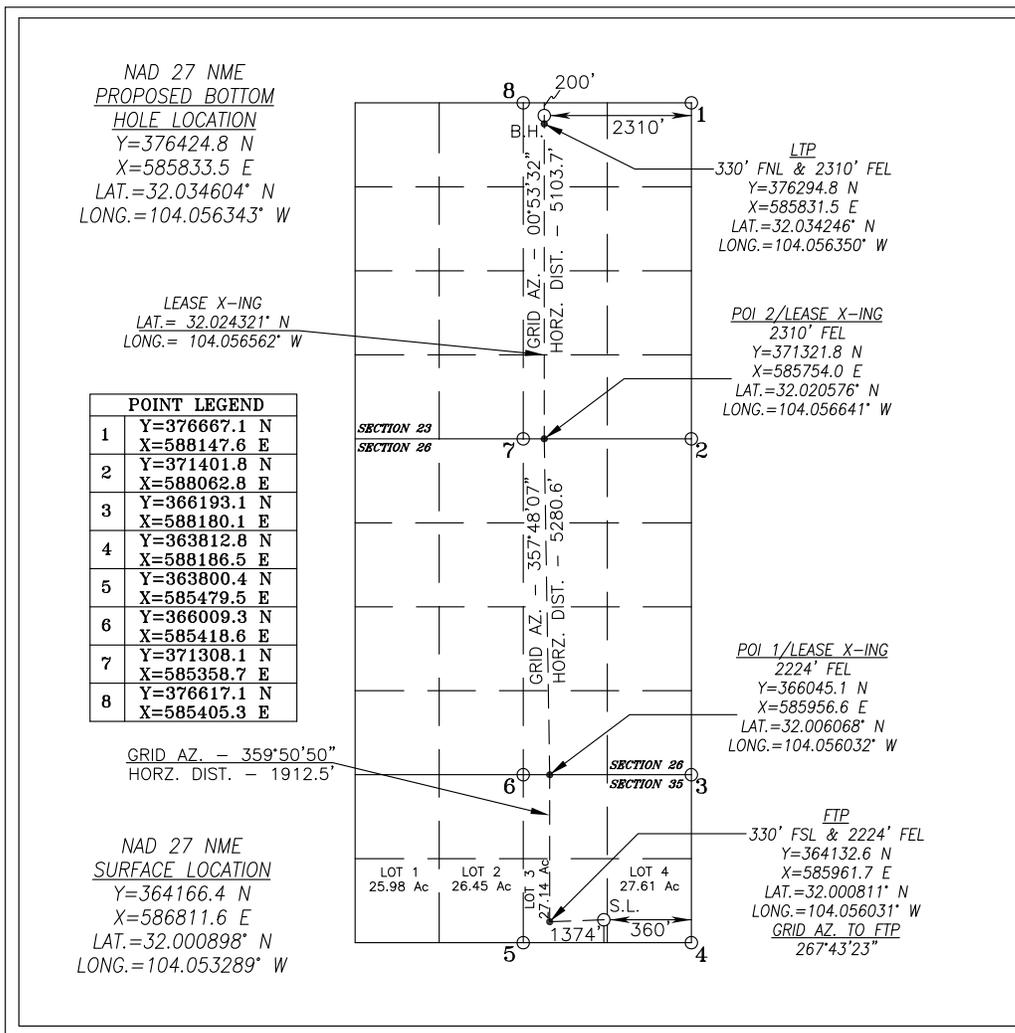
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	35	26-S	28-E		360	SOUTH	1374	EAST	EDDY

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
B	23	26-S	28-E		200	NORTH	2310	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1535.8			

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey _____

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
17777

Chad Harcrow 10/20/20

Certificate No. CHAD HARCROW 17777
W.O. # 20-1326 DRAWN BY: AH

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

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

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

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

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

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Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
	98220	Purple Sage; Wolfcamp
Property Code	Property Name	Well Number
	KEG SHELL FEDERAL COM	704H
OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3029.5'

Surface Location

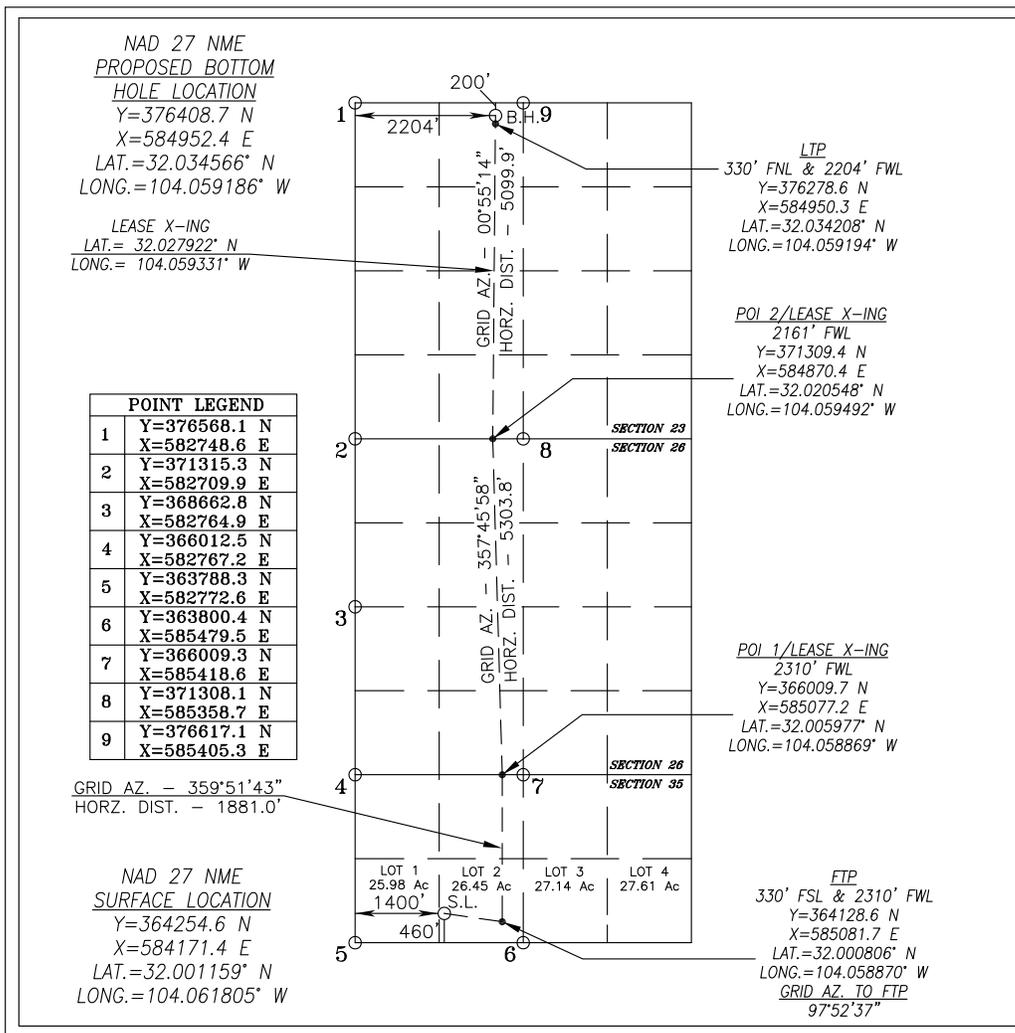
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	35	26-S	28-E		460	SOUTH	1400	WEST	EDDY

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
C	23	26-S	28-E		200	NORTH	2204	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1535.8			

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey _____

Signature & Seal of Professional Surveyor

CHAD L. HARCROW
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
17777

Chad Harcrow 10/20/20

Certificate No. CHAD HARCROW 17777
W.O. # 20-1331 DRAWN BY: WN

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

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

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

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

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

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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 705H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3029.9'

Surface Location

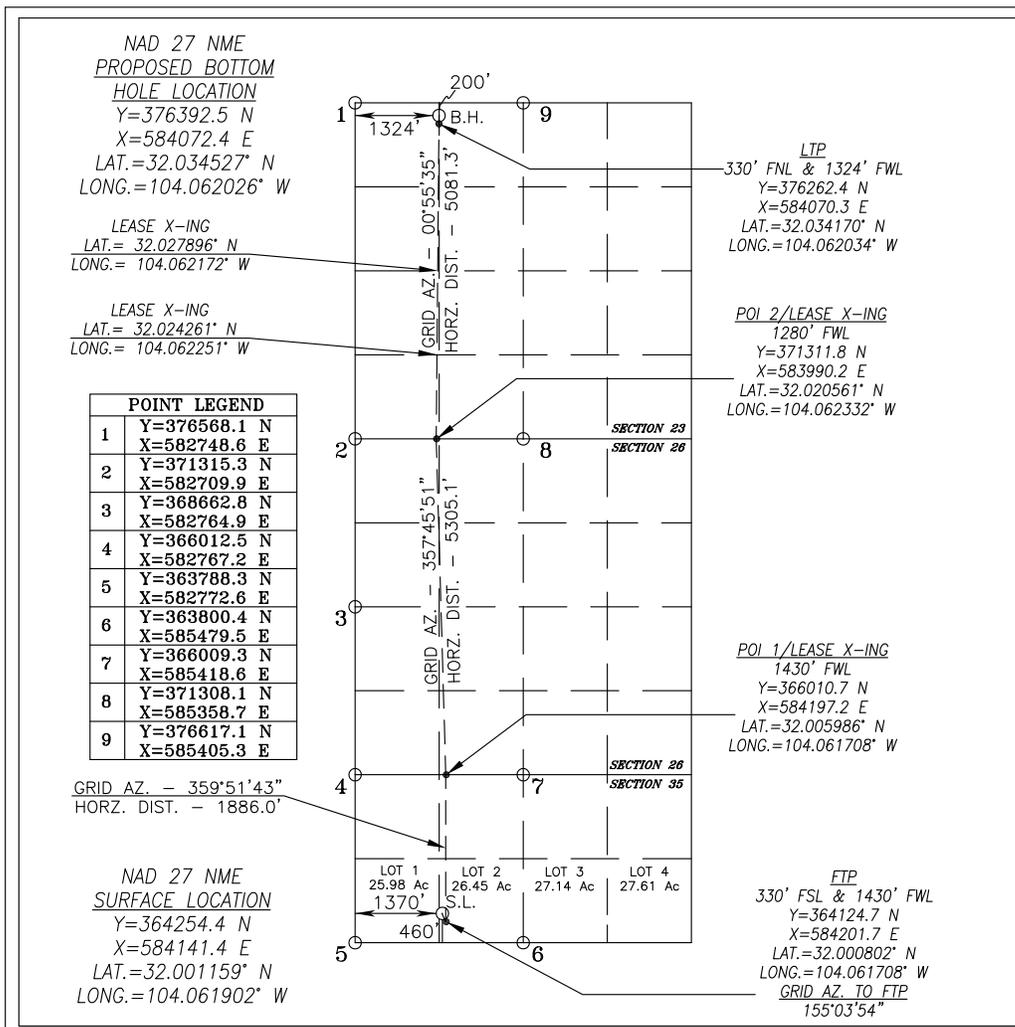
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	35	26-S	28-E		460	SOUTH	1370	WEST	EDDY

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	23	26-S	28-E		200	NORTH	1324	WEST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 10/20/20

Certificate No. CHAD HARCROW 17777
W.O. # 20-1330 DRAWN BY: WN

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

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

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

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

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

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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 706H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3030.2'

Surface Location

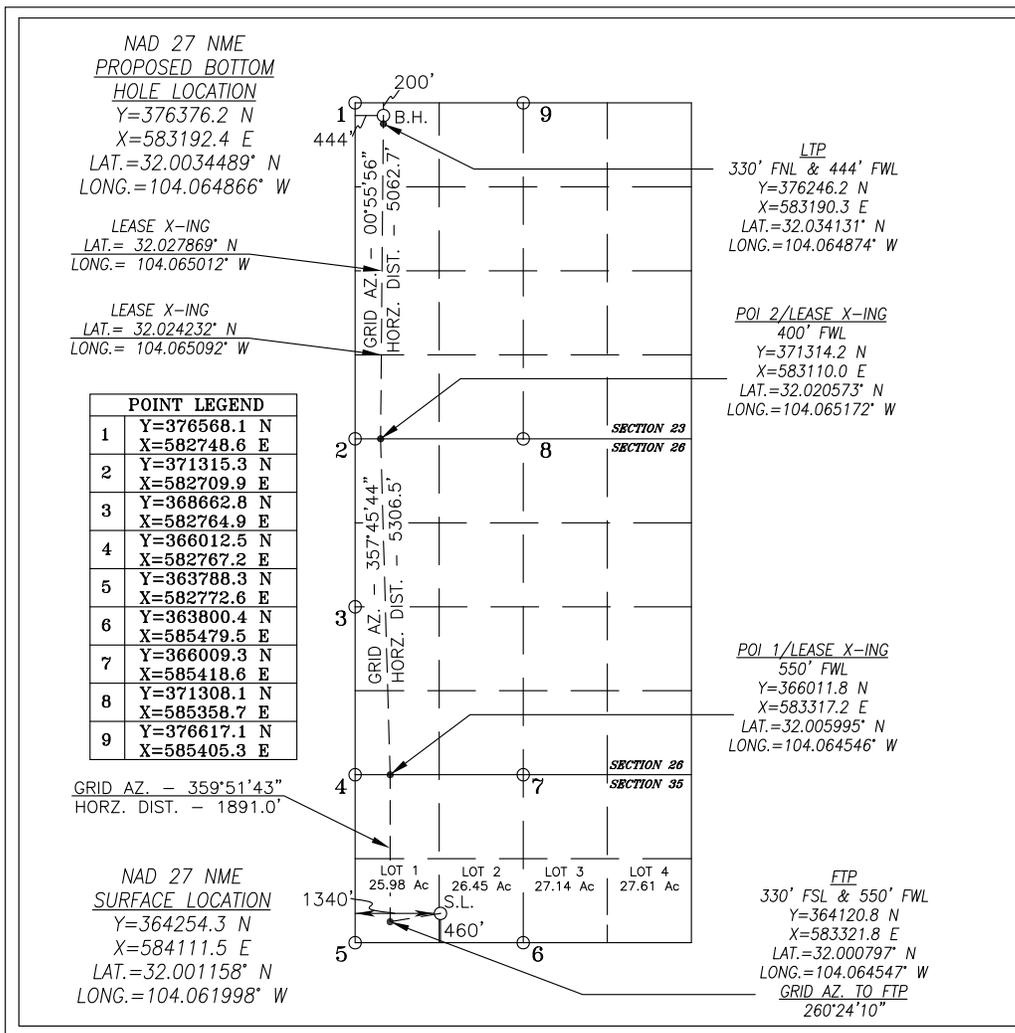
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	26-S	28-E		460	SOUTH	1340	WEST	EDDY

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	23	26-S	28-E		200	NORTH	444	WEST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

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

OCTOBER 13, 2020

Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 10/20/20

Certificate No. CHAD HARCROW 17777
W.O. # 20-1329 DRAWN BY: WN

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

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

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

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

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

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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM		Well Number 901H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 2986.7'

Surface Location

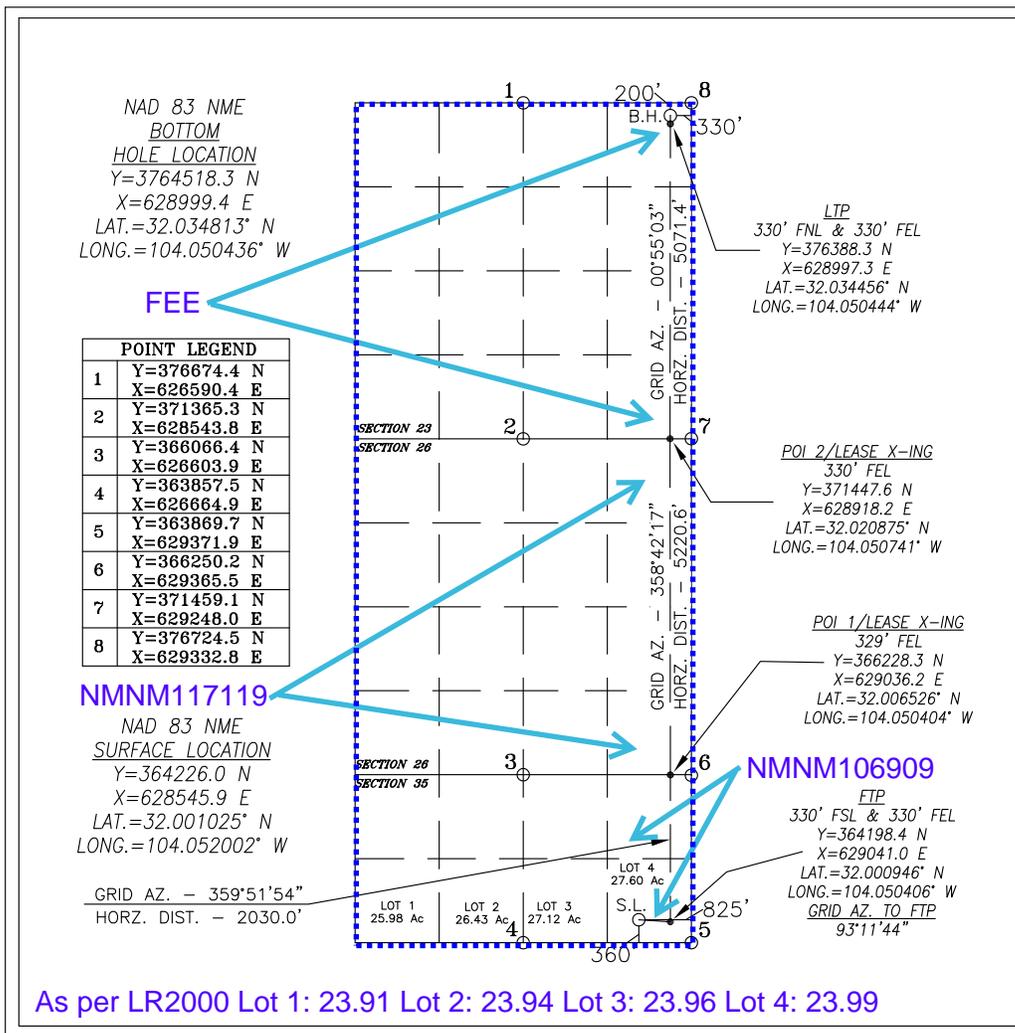
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	28-E		360	SOUTH	825	EAST	EDDY

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
A	23	26-S	28-E		200	NORTH	330	EAST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

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OPERATOR CERTIFICATION

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

Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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

JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 7/1/22

CHAD L. HARCROW
NEW MEXICO
LICENSED PROFESSIONAL SURVEYOR
17777

Certificate No. CHAD HARCROW 17777
W.O. # 22-676 DRAWN BY: BD

As per LR2000 Lot 1: 23.91 Lot 2: 23.94 Lot 3: 23.96 Lot 4: 23.99

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

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

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

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM		Well Number 902H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 2986.7'

Surface Location

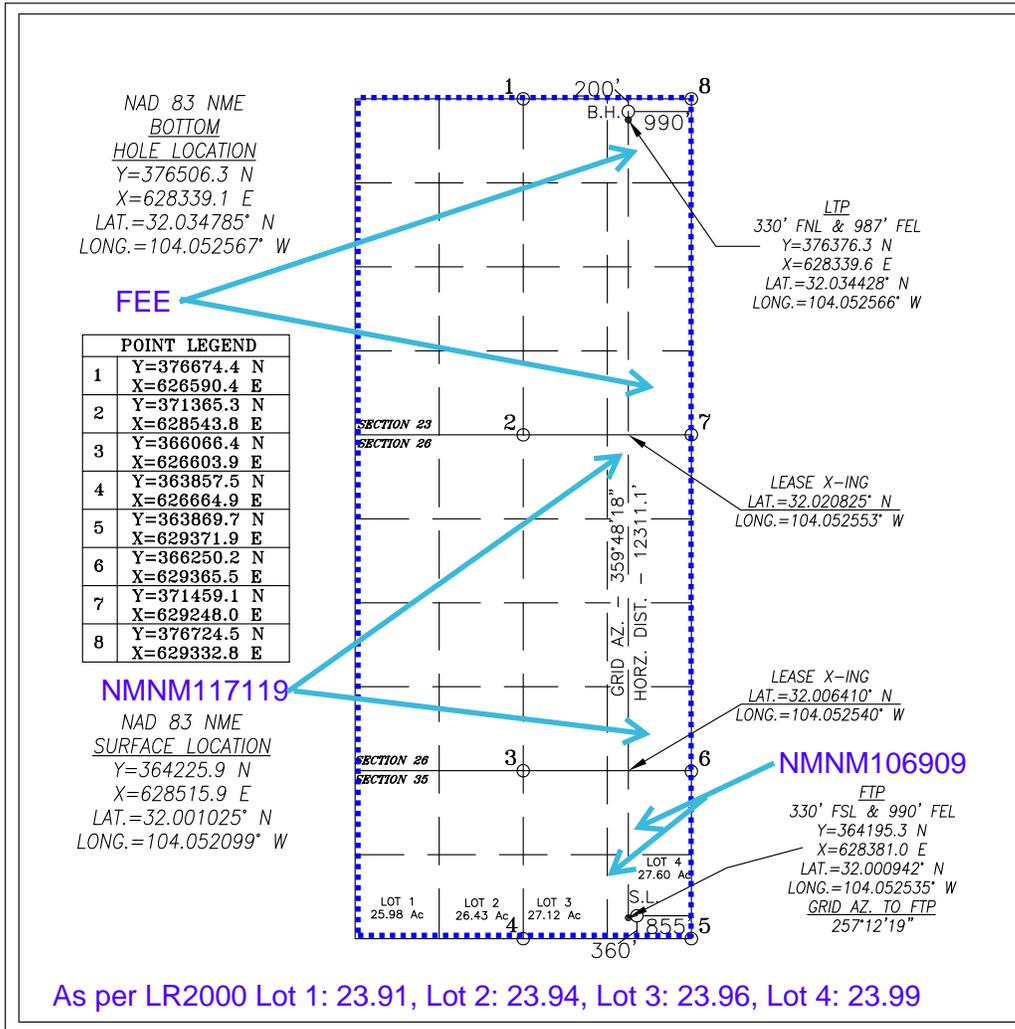
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	28-E		360	SOUTH	855	EAST	EDDY

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
A	23	26-S	28-E		200	NORTH	990	EAST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
----------------------------------	-----------------	--------------------	-----------

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OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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

JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 1/26/23

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Certificate No. CHAD HARCROW 17777
W.O. # 23-22 DRAWN BY: WN

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

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

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

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

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

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Revised August 1, 2011
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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 903H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 2986.9'

Surface Location

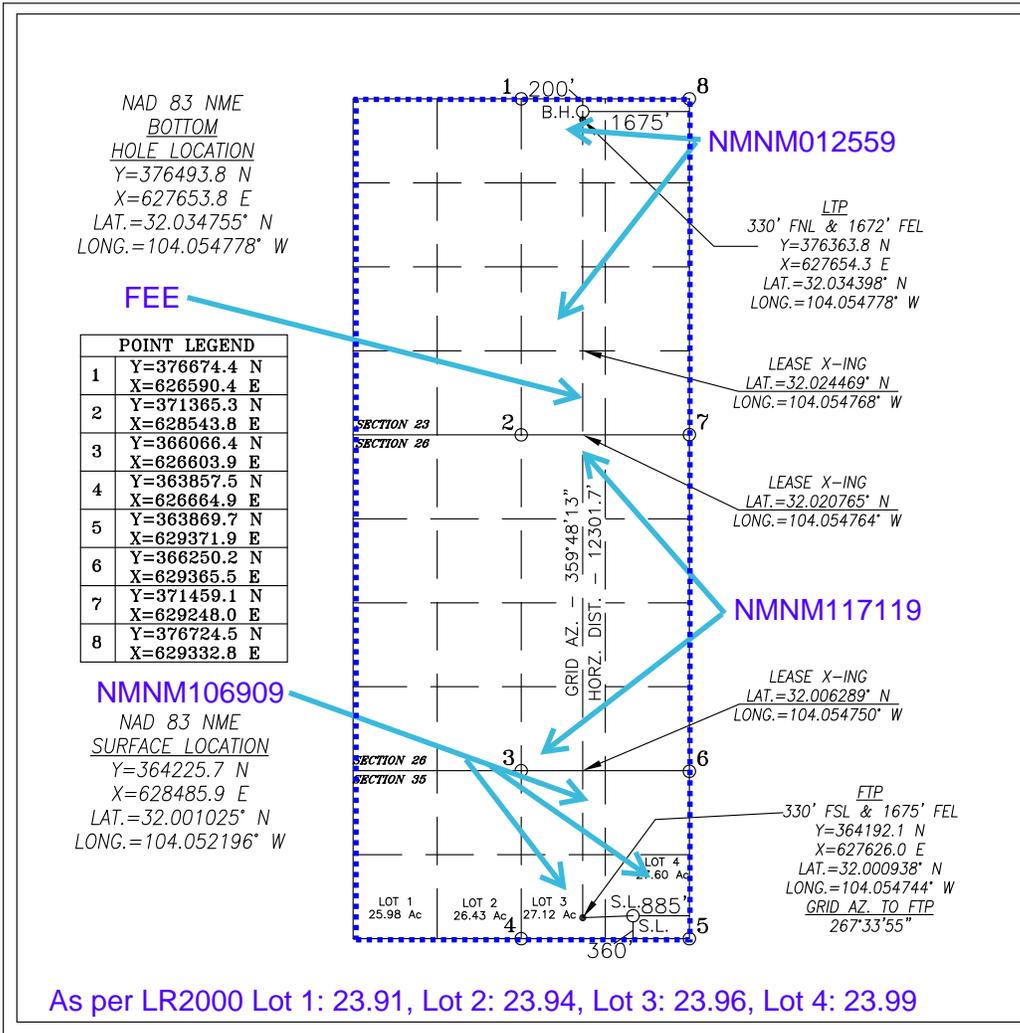
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	28-E		360	SOUTH	885	EAST	EDDY

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
B	23	26-S	28-E		200	NORTH	1675	EAST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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

JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 1/26/23

Certificate No. CHAD HARCROW 17777
W.O. # 23-23 DRAWN BY: WN

As per LR2000 Lot 1: 23.91, Lot 2: 23.94, Lot 3: 23.96, Lot 4: 23.99

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

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

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

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

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

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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM		Well Number 904H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 2987.0'

Surface Location

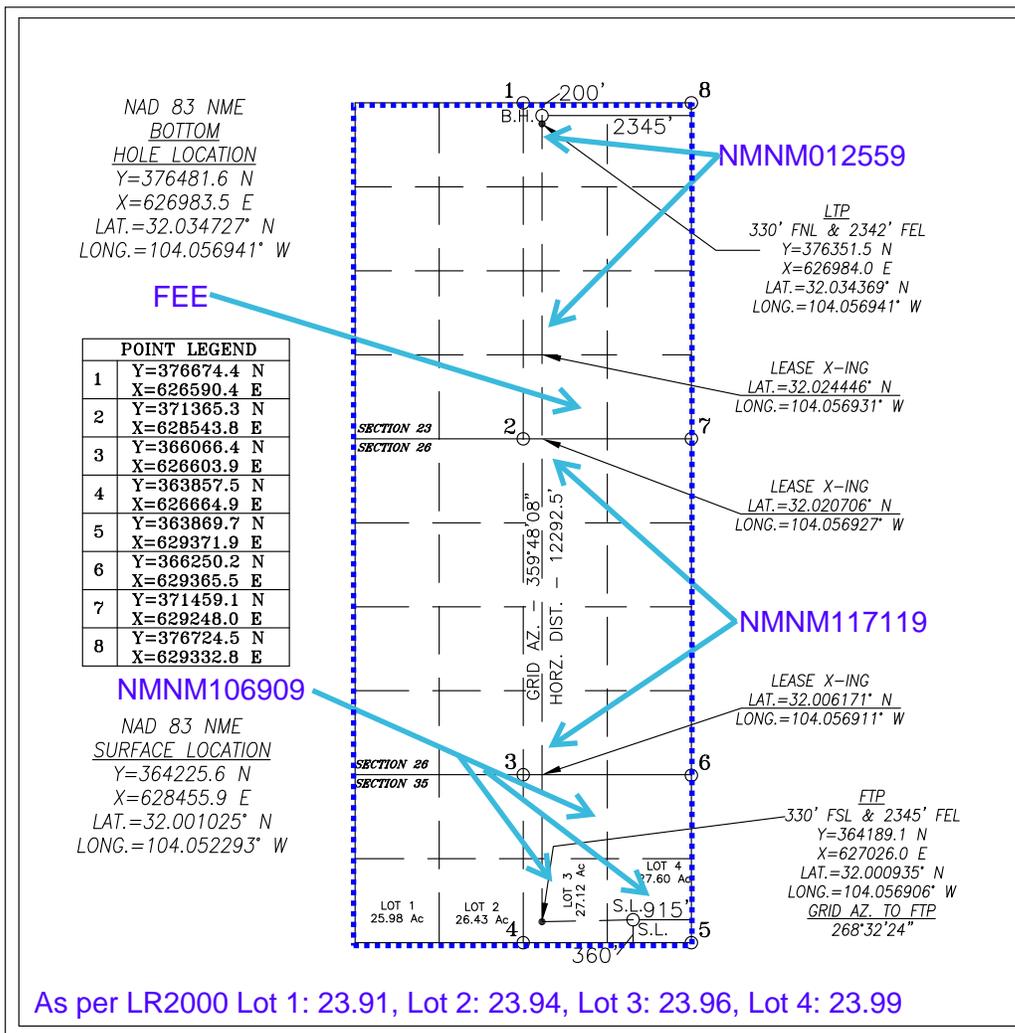
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	35	26-S	28-E		360	SOUTH	915	EAST	EDDY

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
B	23	26-S	28-E		200	NORTH	2345	EAST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
---------------------------	-----------------	--------------------	-----------

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OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or 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.

Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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

JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 1/26/23

CHAD L. HARCROW
NEW MEXICO
17777
LICENSED PROFESSIONAL SURVEYOR

Certificate No. CHAD HARCROW 17777
W.O. # 23-24 DRAWN BY: WN

As per LR2000 Lot 1: 23.91, Lot 2: 23.94, Lot 3: 23.96, Lot 4: 23.99

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

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

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

DISTRICT IV
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
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OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-		Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM		Well Number 906H
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3035.4'

Surface Location

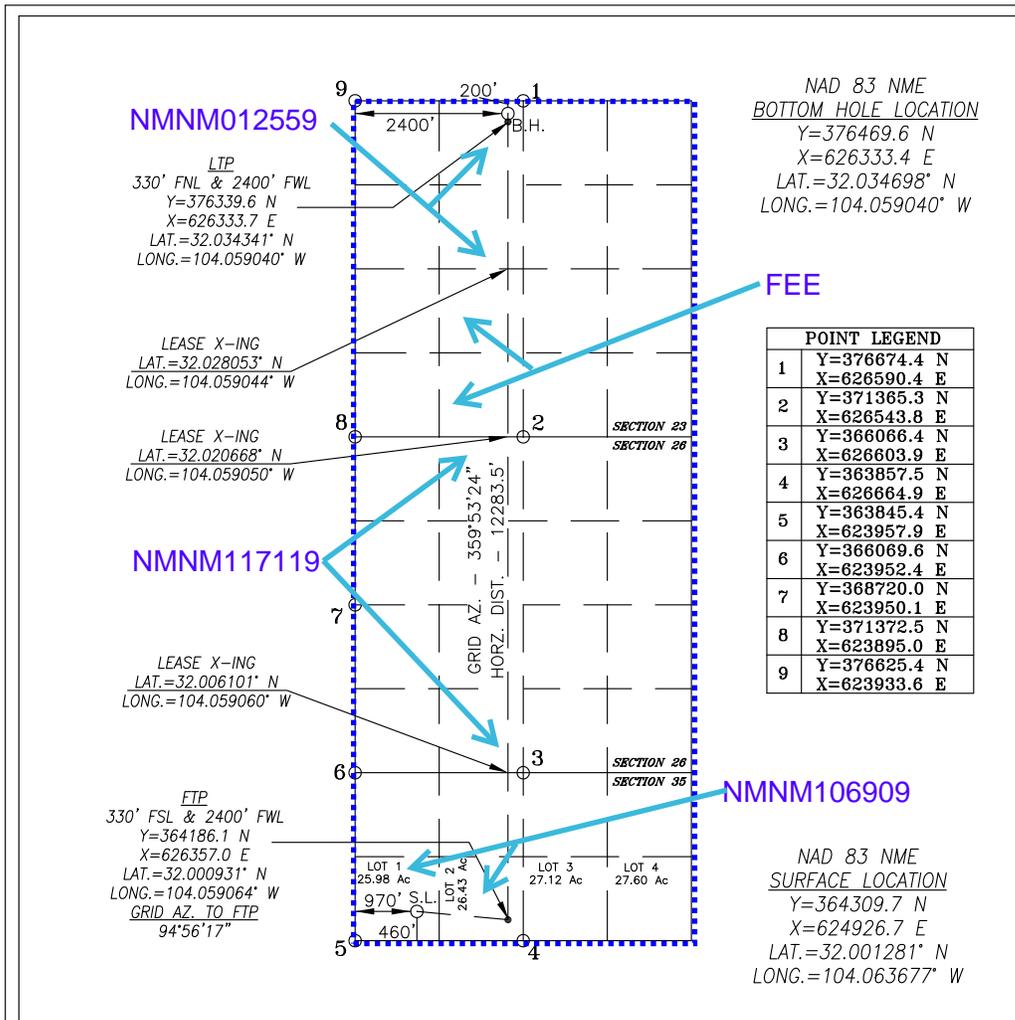
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	26-S	28-E		460	SOUTH	970	WEST	EDDY

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
C	23	26-S	28-E		200	NORTH	2400	WEST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

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

Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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

JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 1/26/23
Certificate No. CHAD HARCROW 17777
W.O. # 23-25 DRAWN BY: WN

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

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 98220	Pool Name Purple Sage Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 907H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3036.6'

Surface Location

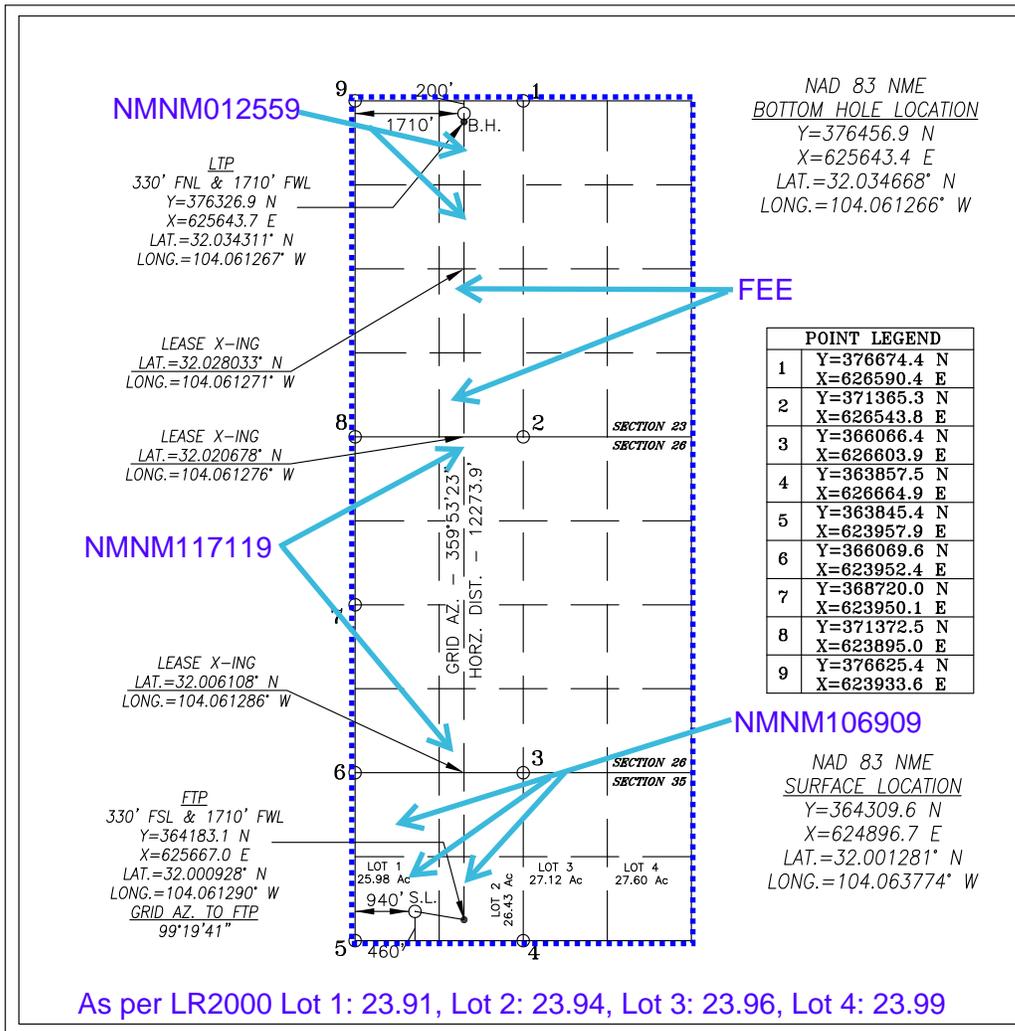
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	26-S	28-E		460	SOUTH	940	WEST	EDDY

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
C	23	26-S	28-E		200	NORTH	1710	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
1535.8			

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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OPERATOR CERTIFICATION

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Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name

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

SURVEYOR CERTIFICATION

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JUNE 22, 2022
Date of Survey

Signature & Seal of Professional Surveyor

Chad Harcrow 1/26/23

Certificate No. CHAD HARCROW 17777
W.O. # 23-26 DRAWN BY: WN

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

DISTRICT II
611 S. FIRST ST., ARTESIA, NM 88210
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WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 908H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3036.6'

Surface Location

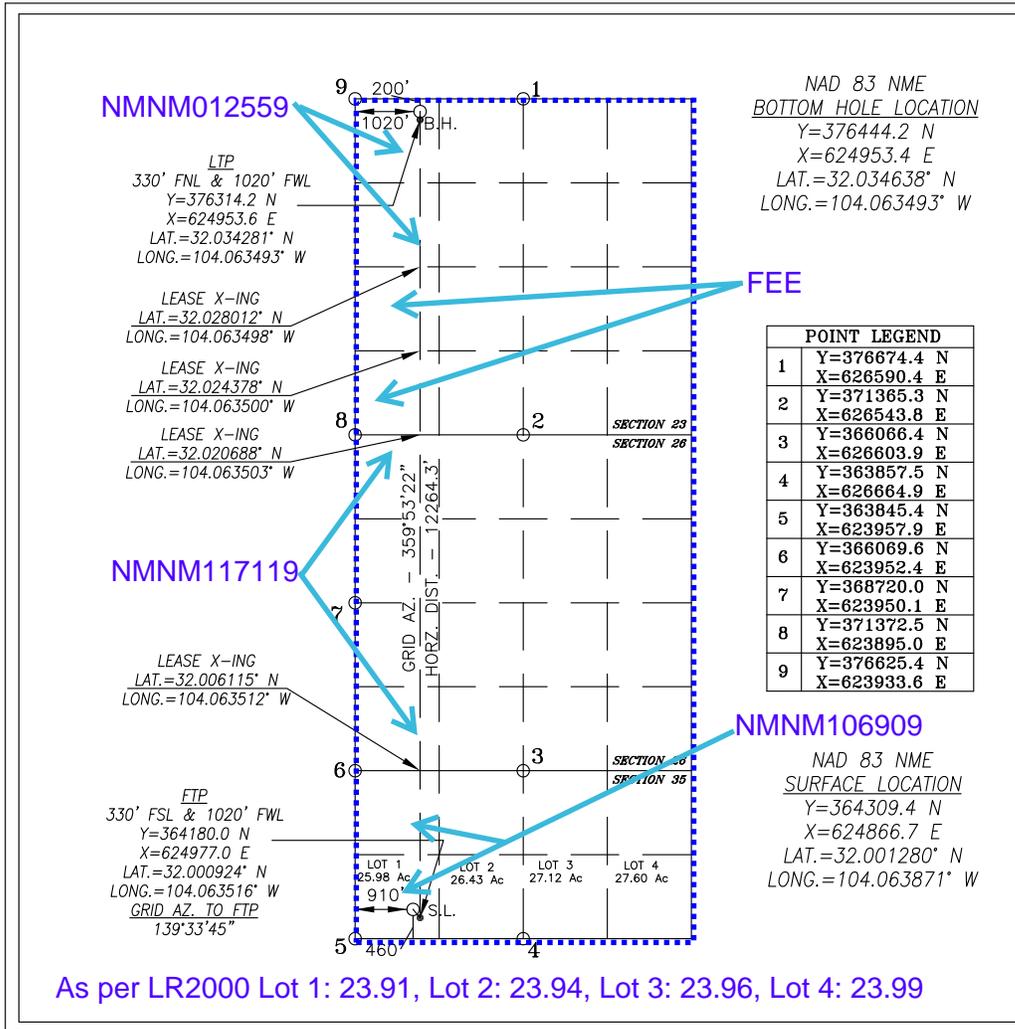
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	26-S	28-E		460	SOUTH	910	WEST	EDDY

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	23	26-S	28-E		200	NORTH	1020	WEST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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Mayte Reyes 1/27/2023
Signature Date

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Printed Name

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Chad Harcrow 1/26/23

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 98220	Pool Name Purple Sage; Wolfcamp
Property Code	Property Name KEG SHELL FEDERAL COM	Well Number 909H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3036.7'

Surface Location

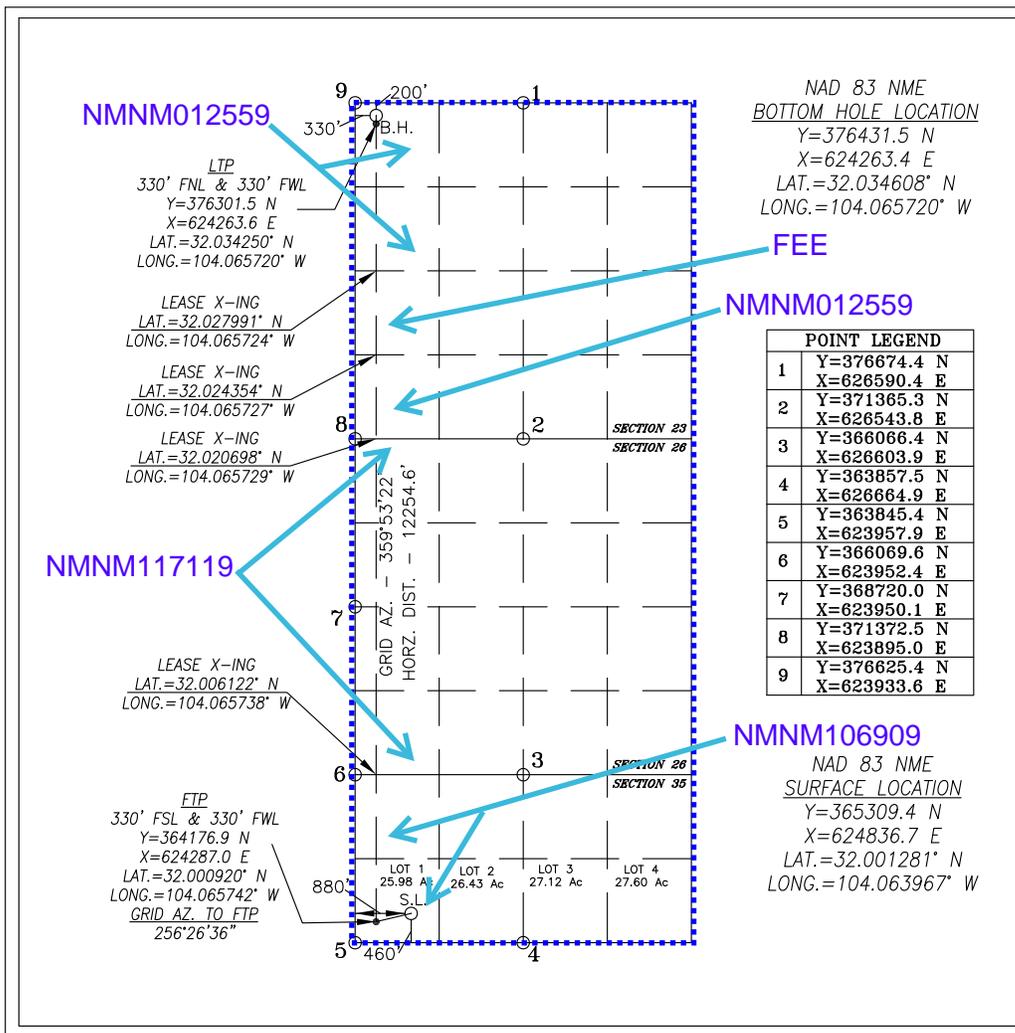
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	35	26-S	28-E		460	SOUTH	880	WEST	EDDY

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	23	26-S	28-E		200	NORTH	330	WEST	EDDY

Dedicated Acres 1535.8	Joint or Infill	Consolidation Code	Order No.
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Mayte Reyes 1/27/2023
Signature Date

Mayte Reyes
Printed Name
mayte.x.reyes@cop.com
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JUNE 22, 2022

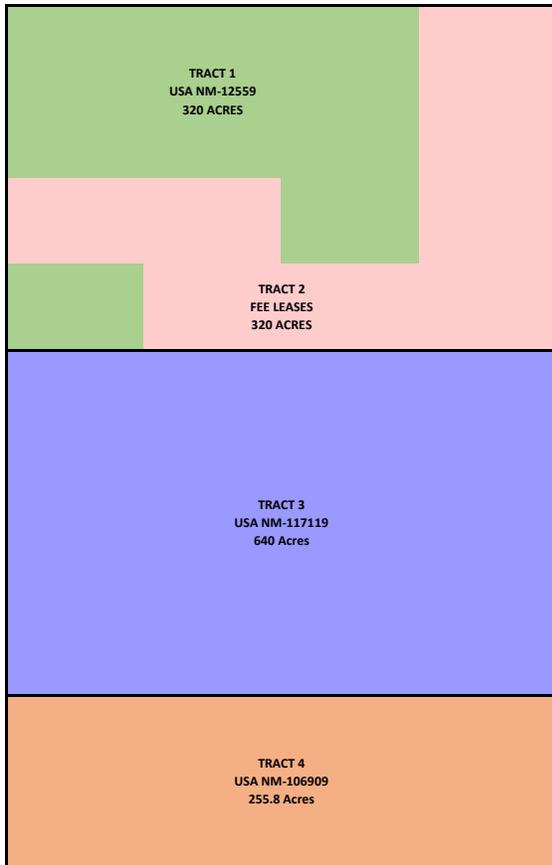
Date of Survey

Signature & Seal of Professional Surveyor



Chad Harcrow 1/26/23
Certificate No. CHAD HARCROW 17777

W.O. # 23-28 DRAWN BY: WN



Recapitulation		
Tract Number	Number of Acres Committed	Percent of Interest in Communitized Area
1	320	0.208360464
2	320	0.208360464
3	640	0.416720927
4	255.8	0.166558146
TOTAL	1535.8	100.00000000%

COG Operating LLC
Case No. 23344
Exhibit A-3

UNIT TOTALS	TO BE POOLED	WI	NRI	ORRI	RI
COG OPERATING LLC	NO	0.65260731	0.55861034		
CONCHO OIL & GAS LLC	NO	0.00520901	0.00398489		
COG PRODUCTION LLC	NO	0.15097056	0.11322792		
COG ACREAGE LP	NO	0.00529979	0.00397484		
OXY USA INC	YES	0.14568954	0.12001074		
OXY Y-1 COMPANY	YES	0.03497721	0.03060506		
SHARBRO ENERGY LLC	NO	0.00524658	0.00459076		
MADISON M. HINKLE	YES			0.00026045	
ROLLA R. HINKLE III	YES			0.00221383	
DEBRA KAY PRIMERA	YES			0.00008683	
ROBERT MITCHELL RAINDL	YES			0.00015192	
RICKY DON RAINDL	YES			0.00008681	
MARGI FORT BRUNS, AKA, MARGUERITE FORT BRUNS	YES			0.00006511	
RFORT MINERAL PROPERTIES LLC	YES			0.00006511	
TOMMY L. FORT	YES			0.00006511	
MITCHEL E. CHENEY AND ELIZABETH L. CHENEY	YES			0.00140806	
LYNN C. CHARUK AND GRACE CHARUK	YES			0.00140806	
CHISOS MINERALS, LLC	YES			0.01041802	
OXY USA INC	YES			0.00293007	
TOTALS:		1.00000000	0.83500456	0.01915939	0.14583605
TOTALS OF NRI + ORRI + RI					1.00000000

TRACT 1 - USA NM-012559 - 320 ACRES	WI	ORRI
COG PRODUCTION LLC	0.01950143	
COG ACREAGE LP	0.00166017	
OXY USA INC	0.05046230	
OXY USA INC		0.00109878
CHISOS MINERALS, LLC		0.00358120
ROLLA R. HINKLE III		0.00048834

TRACT 2 - FEE LEASES - 320 ACRES	WI	ORRI
COG OPERATING LLC	0.52578125	
CONCHO OIL & GAS LLC	0.025	
COG PRODUCTION	0.436580639	
COG ACREAGE LP	0.000919361	
OXY USA INC	0.01171875	
MADISON M. HINKLE		0.00125000
ROLLA R. HINKLE III		0.00125000
DEBRA KAY PRIMERA		0.00041675
ROBERT MITCHELL RAINDL		0.00072912
RICKY DON RAINDL		0.00041663
MARGI FORT BRUNS, AKA, MARGUERITE FORT BRUNS		0.00031250
RFORT MINERAL PROPERTIES LLC		0.00031250
TOMMY L. FORT		0.00031250
MITCHEL E. CHENEY AND ELIZABETH L. CHENEY		0.00675781
LYNN C. CHARUK AND GRACE CHARUK		0.00675781

TRACT 3 - USA NM-117119 - 640 ACRES	WI	ORRI
COG OPERATING LLC	1.00000000	

TRACT 4 - USA NM-106909 - 255.8 ACRES	WI	ORRI
COG OPERATING LLC	0.75850000	
OXY Y-1 COMPANY	0.21000000	
SHARBRO ENERGY LLC	0.03150000	

Record Title Holder	Lease Number(s)	Need to Pool?
Chevron USA Inc	USA NMNM-117119	Yes
EOG Resources Inc	USA NMNM-106909	Yes
Oxy Y-1 Co	USA NMNM-012559, USA NMNM-106909	Yes



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

December 8, 2022

Via Certified Mail, Return Receipt Requested

No. 9489 0090 0027 6458 7081 43

OXY USA Inc.

OXY Y-1 Company

5 Greenway Plaza, Suite 110

Houston, TX 77046

Attn: Land Department / Hannah Eastwood

Re: **Keg Shell Fed Com 701H – 706H**

Keg Shell Fed Com 901H-904H, 906H-909H

All of Sections 23 & 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E

Eddy County, New Mexico

Dear Sir or Madam:

Enclosed is a revised Exhibit A correcting the Working Interest ownership. Should you have any questions, please do not hesitate to contact me at shelley.c.klingler@conocophillips.com.

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "SKlingler", written over a horizontal line.

Shelley C. Klingler
Staff Land Negotiator

COG Operating LLC
Case No. 23344
Exhibit A-4



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

December 8, 2022

Via Certified Mail, Return Receipt Requested
No. 91 7199 9991 7038 7628 6744

OXY USA Inc.

OXY Y-1 Company

5 Greenway Plaza, Suite 110

Houston, TX 77046

Attn: Land Department / Hannah Eastwood

Re: **Keg Shell Fed Com 701H – 706H**

Keg Shell Fed Com 901H-904H, 906H-909H

All of Sections 23 & 26, and N2N2 and Lots 1-4 (“All”) of Section 35, T26S-R28E

Eddy County, New Mexico

Dear Sir or Madam:

COG Operating LLC (“COG”), as Operator, hereby proposes the drilling of the following horizontal wells with productive laterals located in All of Sections 23 and 26, and N2N2 and Lots 1-4 (“All”) of Section 35, T26S-R28E, Eddy County, New Mexico (collectively, the “Operation”). The surface pad locations will be located in Lots 1, 2, 3, and 4 of Section 35, T26S-R28E (subject to change).

WOLFCAMP A SHALE

- **Keg Shell Fed Com 701H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,640’. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit A of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 (“All”) of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached Authority for Expenditure (“AFE”).
- **Keg Shell Fed Com 702H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,620’. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit A of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 (“All”) of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached AFE.

December 8, 2022 – Page 2
Keg Shell Fed Com 701H-706H, 901H-904H, 906H-909H

- **Keg Shell Fed Com 703H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,600'. The surface location for this well is proposed at a legal location in Lot 3 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit B of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 704H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,560'. The surface location for this well is proposed at a legal location in Lot 2 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit C of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 705H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,540'. The surface location for this well is proposed at a legal location in Lot 2 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit C of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 706H**, to be drilled to a depth sufficient to test the Wolfcamp A Shale formation at an approximate total vertical depth of 9,585'. The surface location for this well is proposed at a legal location in Lot 1 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit D of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$12,268,000.00, as shown on the attached AFE.

WOLFCAMP C

- **Keg Shell Fed Com 901H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,385'. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit A of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 902H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,575'. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit A of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.

December 8, 2022 – Page 3
Keg Shell Fed Com 701H-706H, 901H-904H, 906H-909H

- **Keg Shell Fed Com 903H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,365'. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit B of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 904H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,555'. The surface location for this well is proposed at a legal location in Lot 4 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit B of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 906H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,390'. The surface location for this well is proposed at a legal location in Lot 1 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit C of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 907H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,580'. The surface location for this well is proposed at a legal location in Lot 1 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit C of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 908H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,375'. The surface location for this well is proposed at a legal location in Lot 1 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit D of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.
- **Keg Shell Fed Com 909H**, to be drilled to a depth sufficient to test the Wolfcamp C formation at an approximate total vertical depth of 10,565'. The surface location for this well is proposed at a legal location in Lot 1 of Section 35, T26S-R28E, and a bottom hole location at a legal location in Unit D of Section 23, T26S-R28E. The dedicated horizontal spacing unit will be All of Sections 23 and 26, and N2N2 and Lots 1-4 ("All") of Section 35, T26S-R28E, Eddy County, New Mexico. The total estimated cost to drill and complete said well is \$13,183,000.00, as shown on the attached AFE.

December 8, 2022 – Page 4
Keg Shell Fed Com 701H-706H, 901H-904H, 906H-909H

COG is proposing to drill these wells under the terms of a new Operating Agreement which is included herewith. The basic terms of this agreement are:

- 1989 Model Form Operating Agreement with Horizontal Modifications
- Effective Date: 1/1/23
- Initial Well Date: 10/1/23
- Contract Area: All of Sections 23 and 26, and N2N2 and Lots 1-4 (“All”) of Section 35, T26S-R28E, Eddy County, New Mexico, limited to the Wolfcamp formation
- Overhead Rates: \$8000 Drilling / \$800 Production
- Penalties: 100% / 300% / 300%
- \$100,000 Expenditure Limit

In the interest of time, if we are unable to reach an agreement on these wells within 30 days of the date of this letter, COG will apply to the NMOCD for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

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

Sincerely,

COG Operating LLC



Shelley C. Klingler
Staff Land Negotiator

December 8, 2022 – Page 5
Keg Shell Fed Com 701H-706H, 901H-904H, 906H-909H

Please Indicate your election below:

PARTICIPATE Elect to participate in drilling & completion of well	DO NOT PARTICIPATE Elect NOT to participate in drilling & completion of well	WELL NAME
		Keg Shell Fed Com 701H
		Keg Shell Fed Com 702H
		Keg Shell Fed Com 703H
		Keg Shell Fed Com 704H
		Keg Shell Fed Com 705H
		Keg Shell Fed Com 706H
		Keg Shell Fed Com 901H
		Keg Shell Fed Com 902H
		Keg Shell Fed Com 903H
		Keg Shell Fed Com 904H
		Keg Shell Fed Com 906H
		Keg Shell Fed Com 907H
		Keg Shell Fed Com 908H
		Keg Shell Fed Com 909H

OXY USA Inc.

By: _____

Name: _____

Title: _____

Date: _____

OXY Y-1 Company

By: _____

Name: _____

Title: _____

Date: _____

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

Well Name Keg Shell Fed Com 701H
SHL 35: 360 FSL, 1314 FEL OR Lot 4
BHL 23: 200 FNL, 330 FEL OR Unit A
Formation Wolfcamp A
Legal All of Secs 23, 26, 35, 26S-28E
AFE Numbers

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 22,840
TVD 9,640

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			\$ 124,000.00				\$ -	\$ 124,000.00
D-Drilling Overhead	206			\$ 10,000.00				\$ -	\$ 10,000.00
D-Daywork Contract	209			\$ 675,000.00				\$ -	\$ 675,000.00
D-Directional Drig Services	210			\$ 359,000.00				\$ -	\$ 359,000.00
D-Fuel & Power	211			\$ 116,000.00				\$ -	\$ 116,000.00
D-Water	212			\$ 98,000.00				\$ -	\$ 98,000.00
D-Bits	213			\$ 124,000.00				\$ -	\$ 124,000.00
D-Mud & Chemicals	214			\$ 254,000.00				\$ -	\$ 254,000.00
D-Cement Surface	217			\$ 25,000.00				\$ -	\$ 25,000.00
D-Cement Intermed	218			\$ 97,000.00				\$ -	\$ 97,000.00
D-Prod-2nd Int Cmt	219			\$ 143,000.00				\$ -	\$ 143,000.00
D-Float Equipment & Centralizers	221			\$ 78,000.00				\$ -	\$ 78,000.00
D-Csg Crews & Equip	222			\$ 84,000.00				\$ -	\$ 84,000.00
D-Contract Labor	225			\$ 9,000.00				\$ -	\$ 9,000.00
D-Company Sprvsn	226			\$ 56,000.00				\$ -	\$ 56,000.00
D-Contract Sprvsn	227			\$ 141,000.00				\$ -	\$ 141,000.00
D-Tstg Csg/Tbg	228			\$ 52,000.00				\$ -	\$ 52,000.00
D-Mud Logging Unit	229			\$ 52,000.00				\$ -	\$ 52,000.00
D-Rentals-Surface	235			\$ 218,000.00				\$ -	\$ 218,000.00
D-Rentals-Subsrfc	236			\$ 101,000.00				\$ -	\$ 101,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 208,000.00				\$ -	\$ 208,000.00
D-Welding Services	238			\$ 3,000.00				\$ -	\$ 3,000.00
D-Contingency	243			\$ 78,000.00				\$ -	\$ 78,000.00
D-Envrntml/Clsd Loop	244			\$ 344,000.00				\$ -	\$ 344,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351				\$ 1,000.00			\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353				\$ 33,000.00			\$ -	\$ 33,000.00
TB-Contract Labor	356				\$ 182,000.00			\$ -	\$ 182,000.00
PEQ-Contract Labor	374					\$ 61,000.00		\$ -	\$ 61,000.00
PEQ-Water Disposal	387					\$ 282,000.00		\$ -	\$ 282,000.00
PEQ-HRZ Well Offset Frac	391					\$ 29,000.00		\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 3,449,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 372,000.00	\$ -	\$ 10,144,000.00

Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 169,000.00	\$ -	\$ 169,000.00
D-Surface Casing	401			\$ 27,000.00				\$ -	\$ 27,000.00
D-Intermed Csg	402			\$ 216,000.00				\$ -	\$ 216,000.00
D-Production Casing/Liner	403			\$ 537,000.00				\$ -	\$ 537,000.00
D-Wellhead Equip	405			\$ 98,000.00				\$ -	\$ 98,000.00
C-Tubing	504			\$ 95,000.00				\$ -	\$ 95,000.00
C-Wellhead Equip	505			\$ 50,000.00				\$ -	\$ 50,000.00
TB-Tanks	510				\$ 59,000.00			\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511				\$ 26,000.00			\$ -	\$ 26,000.00
TB-Htr Trtr/Septr	512				\$ 187,000.00			\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513				\$ 115,000.00			\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hqrs	514			\$ 118,000.00				\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515				\$ 196,000.00			\$ -	\$ 196,000.00
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
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TB-Flares/Combusters/Emission	526				\$ 32,000.00			\$ -	\$ 32,000.00
C-Gas Lift/Compression	527			\$ 46,000.00				\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531					\$ 61,000.00		\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 878,000.00	\$ 309,000.00	\$ 707,000.00	\$ 230,000.00	\$ -	\$ 2,124,000.00

Total Gross Cost		\$ -	\$ -	\$ 4,327,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 602,000.00	\$ -	\$ 12,268,000.00
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COG Operating LLC

By: _____

Date Prepared: _____

We approve:
% Working Interest

COG Operating LLC

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Company:
By: _____

Printed Name:
Title:
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SHL 35: 360 FSL, 1344 FEL OR Lot 4
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Formation Wolfcamp A
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We approve:
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**COG OPERATING LLC
AUTHORITY FOR EXPENDITURE
Drill & Complete**

Well Name Keg Shell Fed Com 704H
SHL 35: 460 FSL, 1400 FEL OR Lot 2
BHL 23: 200 FNL, 2310 FEL OR Unit C
Formation Wolfcamp A
Legal All of Secs 23, 26, 35, 26S-28E

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 22,850
TVD 9,560

AFE Numbers

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-Lctr/Pits/Roads	205			\$ 124,000.00				\$ -	\$ 124,000.00
D-Drilling Overhead	206			\$ 10,000.00				\$ -	\$ 10,000.00
D-Daywork Contract	209			\$ 675,000.00				\$ -	\$ 675,000.00
D-Directional Drig Services	210			\$ 359,000.00				\$ -	\$ 359,000.00
D-Fuel & Power	211			\$ 116,000.00				\$ -	\$ 116,000.00
D-Water	212			\$ 98,000.00				\$ -	\$ 98,000.00
D-Bits	213			\$ 124,000.00				\$ -	\$ 124,000.00
D-Mud & Chemicals	214			\$ 254,000.00				\$ -	\$ 254,000.00
D-Cement Surface	217			\$ 25,000.00				\$ -	\$ 25,000.00
D-Cement Intermed	218			\$ 97,000.00				\$ -	\$ 97,000.00
D-Prod-2nd Int Cmt	219			\$ 143,000.00				\$ -	\$ 143,000.00
D-Float Equipment & Centralizers	221			\$ 78,000.00				\$ -	\$ 78,000.00
D-Csg Crews & Equip	222			\$ 84,000.00				\$ -	\$ 84,000.00
D-Contract Labor	225			\$ 9,000.00				\$ -	\$ 9,000.00
D-Company Sprvsn	226			\$ 56,000.00				\$ -	\$ 56,000.00
D-Contract Sprvsn	227			\$ 141,000.00				\$ -	\$ 141,000.00
D-Tstq Csg/Tbg	228			\$ 52,000.00				\$ -	\$ 52,000.00
D-Mud Logging Unit	229			\$ 52,000.00				\$ -	\$ 52,000.00
D-Rentals-Surface	235			\$ 218,000.00				\$ -	\$ 218,000.00
D-Rentals-Subsrfc	236			\$ 101,000.00				\$ -	\$ 101,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 208,000.00				\$ -	\$ 208,000.00
D-Welding Services	238			\$ 3,000.00				\$ -	\$ 3,000.00
D-Contingency	243			\$ 78,000.00				\$ -	\$ 78,000.00
D-Envrnmt/Clsd Loop	244			\$ 344,000.00				\$ -	\$ 344,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctr/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Rig Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 282,000.00	\$ -	\$ 282,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 3,449,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 372,000.00	\$ -	\$ 10,144,000.00

Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 169,000.00	\$ -	\$ 169,000.00
D-Surface Casing	401			\$ 27,000.00				\$ -	\$ 27,000.00
D-Intermed Csg	402			\$ 216,000.00				\$ -	\$ 216,000.00
D-Production Casing/Liner	403			\$ 537,000.00				\$ -	\$ 537,000.00
D-Wellhead Equip	405			\$ 98,000.00				\$ -	\$ 98,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Seprtr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgrs	514			\$ 118,000.00				\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 878,000.00	\$ 309,000.00	\$ 707,000.00	\$ 230,000.00	\$ -	\$ 2,124,000.00

Total Gross Cost		\$ -	\$ -	\$ 4,327,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 602,000.00	\$ -	\$ 12,288,000.00
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Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: _____

We approve:

% Working Interest

COG Operating LLC

By: _____

Company:
By: _____

Printed Name:
Title:
Date: _____

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AUTHORITY FOR EXPENDITURE
Drill & Complete**

Well Name Keg Shell Fed Com 705H
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BHL 23: 200 FNL, 1430 FEL OR Unit C
Formation Wolfcamp A
Legal All of Secs 23, 26, 35, 26S-28E

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 22,740
TVD 9,540

AFE Numbers

Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Total
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D-Daywork Contract	209			\$ 675,000.00				\$ -	\$ 675,000.00
D-Directional Drig Services	210			\$ 359,000.00				\$ -	\$ 359,000.00
D-Fuel & Power	211			\$ 116,000.00				\$ -	\$ 116,000.00
D-Water	212			\$ 98,000.00				\$ -	\$ 98,000.00
D-Bits	213			\$ 124,000.00				\$ -	\$ 124,000.00
D-Mud & Chemicals	214			\$ 254,000.00				\$ -	\$ 254,000.00
D-Cement Surface	217			\$ 25,000.00				\$ -	\$ 25,000.00
D-Cement Intermed	218			\$ 97,000.00				\$ -	\$ 97,000.00
D-Prod-2nd Int Cmt	219			\$ 143,000.00				\$ -	\$ 143,000.00
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D-Rentals-Subsrfc	236			\$ 101,000.00				\$ -	\$ 101,000.00
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We approve:

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Drill & Complete**

Well Name Keg Shell Fed Com 901H
SHL 35: 360 FSL, 825 FEL OR Lot 4
BHL 23: 200 FNL, 330 FEL OR Unit A
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E

Prospect Atlas 2628
State & County Eddy NM
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TVD 10,385

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D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstq Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrmtl/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Rig Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00

Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Seprtr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgrs	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00

Total Gross Cost		\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00
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Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: _____

We approve:
% Working Interest

COG Operating LLC

By: _____

Company: _____

By: _____

Printed Name: _____

Title: _____

Date: _____

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

Well Name Keg Shell Fed Com 902H
SHL 35: 360 FSL, 855 FEL OR Lot 4
BHL 23: 200 FNL, 990 FEL OR Unit A
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E
AFE Numbers

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 23,775
TVD 10,575

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstg Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrntml/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00
Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Septr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgns	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00
Total Gross Cost		\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00

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

COG Operating LLC

By: _____

Date Prepared: _____

We approve:

 % Working Interest

COG Operating LLC

By: _____

Company:
 By: _____

Printed Name:
 Title:
 Date: _____

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

Well Name Keg Shell Fed Com 903H
SHL 35: 360 FSL, 885 FEL OR Lot 4
BHL 23: 200 FNL, 1675 FEL OR Unit B
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 13,575
TVD 10,365

AFE Numbers

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstq Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrnmt/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Rig Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00

Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Seprtr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgrs	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00

Total Gross Cost	\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00
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Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: _____

We approve:
% Working Interest

COG Operating LLC

By: _____

Company:
By: _____

Printed Name:
Title:
Date: _____

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

Well Name Keg Shell Fed Com 904H
SHL 35: 360 FSL, 915 FEL OR Lot 4
BHL 23: 200 FNL, 2345 FEL OR Unit B
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E
AFE Numbers

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 23,755
TVD 10,555

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstg Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrntml/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00
Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504			\$ 95,000.00				\$ -	\$ 95,000.00
C-Wellhead Equip	505			\$ 50,000.00				\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Septr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hrgs	514			\$ 118,000.00				\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527			\$ 46,000.00				\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00
Total Gross Cost		\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00

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

COG Operating LLC

By: _____

Date Prepared: _____

We approve:

 % Working Interest

COG Operating LLC

By: _____

Company:

Printed Name:
 Title:
 Date:

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

Well Name Keg Shell Fed Com 906H
SHL 35: 460 FSL, 970 FWL OR Lot 1
BHL 23: 200 FNL, 2400 FWL OR Unit C
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 23,590
TVD 10,390

AFE Numbers

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstq Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Rig Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrmtl/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Rig Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00

Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Seprtr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgrs	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00

Total Gross Cost	\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00
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Note: The above costs are estimates only. Actual costs will be billed as incurred.

COG Operating LLC

By: _____

Date Prepared: _____

We approve:
% Working Interest

COG Operating LLC

By: _____

Company: _____

By: _____

Printed Name: _____

Title: _____

Date: _____

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

Well Name Keg Shell Fed Com 907H
SHL 35: 460 FSL, 940 FWL OR Lot 1
BHL 23: 200 FNL, 1710 FWL OR Unit C
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E
AFE Numbers

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 23,780
TVD 10,580

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstg Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrntml/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00
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D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
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C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
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C-Pckrs/Anchors/Hgns	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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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
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C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00
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COG Operating LLC

By: _____

Date Prepared: _____

We approve:

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COG Operating LLC

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 By: _____

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

Well Name Keg Shell Fed Com 908H
SHL 35: 460 FSL, 910 FWL OR Lot 1
BHL 23: 200 FNL, 1020 FWL OR Unit D
Formation Wolfcamp C
Legal All of Secs 23, 26, 35, 26S-28E
AFE Numbers

Prospect Atlas 2628
State & County Eddy NM
Objective D&C
Depth 23,575
TVD 10,375

Cost Description	Code	PreSpud (PS)	Pre-Set Casing(PC)	Drilling (DR)	Completions (C)	Tank Btty Constrctn(TB)	Pmpq Equip (PEQ)	Revision	Total
Intangible Costs									
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D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
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D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstg Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrntml/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
C-Frac Proppant	309				\$ 342,000.00			\$ -	\$ 342,000.00
C-Frac Proppant Transportation	310				\$ 532,000.00			\$ -	\$ 532,000.00
C-Fuel Delivery & Services	311				\$ 77,000.00			\$ -	\$ 77,000.00
C-Water	312				\$ 503,000.00			\$ -	\$ 503,000.00
C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
C-Contract Sprvsn	327				\$ 254,000.00			\$ -	\$ 254,000.00
C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00
Tangible Costs									
PEQ-Flowback Crews & Equip	392						\$ 174,000.00	\$ -	\$ 174,000.00
D-Surface Casing	401			\$ 34,000.00				\$ -	\$ 34,000.00
D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
D-Wellhead Equip	405			\$ 118,000.00				\$ -	\$ 118,000.00
C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Septr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgns	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
PEQ-Wellhead Equipment	531						\$ 61,000.00	\$ -	\$ 61,000.00
Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00
Total Gross Cost		\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00

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

COG Operating LLC

By: _____

Date Prepared: _____

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**

Well Name Keg Shell Fed Com 909H SHL 35: 460 FSL, 880 FWL OR Lot 1 BHL 23: 200 FNL, 330 FWL OR Unit D Formation Wolfcamp C Legal All of Secs 23, 26, 35, 26S-28E AFE Numbers	Prospect Atlas 2628 State & County Eddy NM Objective D&C Depth 23,765 TVD 10,565
---	---

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			\$ 149,000.00				\$ -	\$ 149,000.00
D-Drilling Overhead	206			\$ 12,000.00				\$ -	\$ 12,000.00
D-Daywork Contract	209			\$ 816,000.00				\$ -	\$ 816,000.00
D-Directional Drig Services	210			\$ 435,000.00				\$ -	\$ 435,000.00
D-Fuel & Power	211			\$ 141,000.00				\$ -	\$ 141,000.00
D-Water	212			\$ 118,000.00				\$ -	\$ 118,000.00
D-Bits	213			\$ 149,000.00				\$ -	\$ 149,000.00
D-Mud & Chemicals	214			\$ 305,000.00				\$ -	\$ 305,000.00
D-Cement Surface	217			\$ 30,000.00				\$ -	\$ 30,000.00
D-Cement Intermed	218			\$ 117,000.00				\$ -	\$ 117,000.00
D-Prod-2nd Int Cmt	219			\$ 173,000.00				\$ -	\$ 173,000.00
D-Float Equipment & Centralizers	221			\$ 94,000.00				\$ -	\$ 94,000.00
D-Csg Crews & Equip	222			\$ 103,000.00				\$ -	\$ 103,000.00
D-Contract Labor	225			\$ 10,000.00				\$ -	\$ 10,000.00
D-Company Sprvsn	226			\$ 68,000.00				\$ -	\$ 68,000.00
D-Contract Sprvsn	227			\$ 170,000.00				\$ -	\$ 170,000.00
D-Tstg Csg/Tbg	228			\$ 62,000.00				\$ -	\$ 62,000.00
D-Mud Logging Unit	229			\$ 62,000.00				\$ -	\$ 62,000.00
D-Rentals-Surface	235			\$ 265,000.00				\$ -	\$ 265,000.00
D-Rentals-Subsrfc	236			\$ 122,000.00				\$ -	\$ 122,000.00
D-Trucking/Forklift/Riq Mob	237			\$ 252,000.00				\$ -	\$ 252,000.00
D-Welding Services	238			\$ 5,000.00				\$ -	\$ 5,000.00
D-Contingency	243			\$ 94,000.00				\$ -	\$ 94,000.00
D-Envrntml/Clsd Loop	244			\$ 416,000.00				\$ -	\$ 416,000.00
C-Wellbore Frac Prep	304				\$ 174,000.00			\$ -	\$ 174,000.00
C-Lctn/Pits/Roads	305				\$ 19,000.00			\$ -	\$ 19,000.00
C-Completion OH	306				\$ 28,000.00			\$ -	\$ 28,000.00
C-Frac Equipment	307				\$ 1,190,000.00			\$ -	\$ 1,190,000.00
C-Frac Chemicals	308				\$ 754,000.00			\$ -	\$ 754,000.00
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C-Frac Surface Rentals	315				\$ 474,000.00			\$ -	\$ 474,000.00
C-Contract Labor	325				\$ 19,000.00			\$ -	\$ 19,000.00
C-Company Sprvsn	326				\$ 19,000.00			\$ -	\$ 19,000.00
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C-Artificial Lift Install	329				\$ 82,000.00			\$ -	\$ 82,000.00
C-Perf/Wireline Svc	331				\$ 584,000.00			\$ -	\$ 584,000.00
C-Trucking/Forklift/Riq Mob	337				\$ 19,000.00			\$ -	\$ 19,000.00
C-Water Disposal	339				\$ 73,000.00			\$ -	\$ 73,000.00
C-Contingency	343				\$ 136,000.00			\$ -	\$ 136,000.00
C-Dyed Diesel	345				\$ 285,000.00			\$ -	\$ 285,000.00
C-Drillout	346				\$ 543,000.00			\$ -	\$ 543,000.00
TB-Damages/Right of Way	351					\$ 1,000.00		\$ -	\$ 1,000.00
TB-Location/Pits/Roads	353					\$ 33,000.00		\$ -	\$ 33,000.00
TB-Contract Labor	356					\$ 182,000.00		\$ -	\$ 182,000.00
PEQ-Contract Labor	374						\$ 61,000.00	\$ -	\$ 61,000.00
PEQ-Water Disposal	387						\$ 290,000.00	\$ -	\$ 290,000.00
PEQ-HRZ Well Offset Frac	391						\$ 29,000.00	\$ -	\$ 29,000.00
Total Intangible Costs		\$ -	\$ -	\$ 4,168,000.00	\$ 6,107,000.00	\$ 216,000.00	\$ 380,000.00	\$ -	\$ 10,871,000.00
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D-Intermed Csg	402			\$ 261,000.00				\$ -	\$ 261,000.00
D-Production Casing/Liner	403			\$ 648,000.00				\$ -	\$ 648,000.00
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C-Tubing	504				\$ 95,000.00			\$ -	\$ 95,000.00
C-Wellhead Equip	505				\$ 50,000.00			\$ -	\$ 50,000.00
TB-Tanks	510					\$ 59,000.00		\$ -	\$ 59,000.00
TB-Flowlines/Pipelines	511					\$ 26,000.00		\$ -	\$ 26,000.00
TB-Htr Trtr/Septr	512					\$ 187,000.00		\$ -	\$ 187,000.00
TB-Electrical System/Equipment	513					\$ 115,000.00		\$ -	\$ 115,000.00
C-Pckrs/Anchors/Hgns	514				\$ 118,000.00			\$ -	\$ 118,000.00
TB-Couplings/Fittings/Valves	515					\$ 196,000.00		\$ -	\$ 196,000.00
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					\$ 32,000.00		\$ -	\$ 32,000.00
C-Gas Lift/Compression	527				\$ 46,000.00			\$ -	\$ 46,000.00
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Total Tangible Costs		\$ -	\$ -	\$ 1,061,000.00	\$ 309,000.00	\$ 707,000.00	\$ 235,000.00	\$ -	\$ 2,312,000.00
Total Gross Cost		\$ -	\$ -	\$ 5,229,000.00	\$ 6,416,000.00	\$ 923,000.00	\$ 615,000.00	\$ -	\$ 13,183,000.00

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

COG Operating LLC

By: _____

Date Prepared: _____

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.

Name of Contact from COPC	WI Party	WI Party Contact	Date	Contact Method	Formation/Wells	Notes
Shelley Klingler	Oxy USA & Oxy Y-1	Hannah Eastwood	12/14/2022	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Received email from Oxy regarding Keg Shell proposals and technical questions from her team.
Shelley Klingler	Oxy USA & Oxy Y-1	Hannah Eastwood	12/15/2022	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Discussion about Oxy's WI/NRI/ORRI, sent answers to several questions, had several email discussions about WI and tracts to ensure we were on same page.
Shelley Klingler	Sharbro Energy	Norma Daniels	12/15/2022	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Received email from Sharbro that they received the proposals and needed to confirm their WI/NRI
Shelley Klingler	Sharbro Energy	Norma Daniels	12/15/2022	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Responded to Sharbro with WI/NRI info from most recent DDOTO. Emailed several times during 12/15/2022 discussing WI and tract information, spacing and OA.
Shelley Klingler	Sharbro Energy	Norma Daniels	1/9/2023	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Received executed elections from Sharbro for all wells.
Shelley Klingler	Oxy USA & Oxy Y-1	Hannah Eastwood	1/18/2023	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Emailed asking if Oxy would like to participate and execute the OA.
Shelley Klingler	Sharbro Energy	Norma Daniels	1/26/2023	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Sharbro resent the executed election letters and agreed to sign the OA.
Shelley Klingler	Oxy USA & Oxy Y-1	Hannah Eastwood	1/26/2023	Email	Wolfcamp, 701H-706H, 901H-904H, 906H-909H	Oxy requested that we continue with pooling their interest in this project.

**COG Operating LLC
Case No. 23344
Exhibit A-5**

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. 23344

SELF-AFFIRMED STATEMENT
OF JESSICA PONTIFF

1. My name is Jessica Pontiff and I am employed by COG Operating LLC (“COG”), now a wholly owned subsidiary of ConocoPhillips Company, as a petroleum geologist. My responsibilities include the Permian Basin of New Mexico. 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”) and my qualifications as an expert in geology were accepted as 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 general location map of the proposed horizontal spacing units in yellow (“Unit”) in relation to a nearby landmark, the town of Carlsbad, New Mexico, state and county lines. On the expanded map the approximate wellbore paths for the proposed **Keg Shell Fed Com 701H, 702H, 703H, 704H, 705H and 706H** targeting the Wolfcamp A **plus the Keg Shell Fed Com 901H, 902H, 903H, 904H, 906H, 907H, 908H, and 909H** targeting the Wolfcamp C are represented by red and blue dashed lines respectively. Existing producing wells in the targeted intervals are represented by pink solid lines (Wolfcamp A) and light blue solid lines (Wolfcamp C).

4. **Exhibit B-2** is a subsea structure map for the top of the Wolfcamp formation that is representative of the targeted intervals. The data points are indicated by red crosses. The approximate wellbore paths of the proposed wells are depicted by red and blue dashed lines.

COG Operating LLC
Case No. 23344
Exhibit B

Existing producing wells in the targeted intervals are represented by pink solid lines (Wolfcamp A) and light blue solid lines (Wolfcamp C). The map demonstrates the formation is gently dipping to the east and east northeast. I do not observe any 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 stratigraphic 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. Proposed landing intervals for the proposed wells are labeled on the exhibit. This cross-section demonstrates the target intervals are continuous across the Unit.

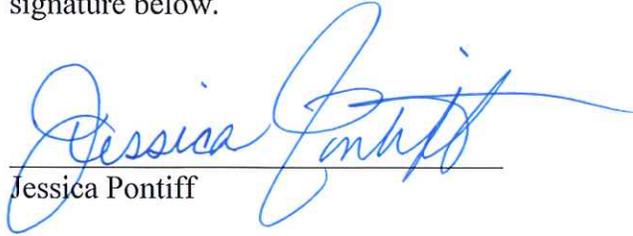
7. In my opinion, a standup orientation for the wells is appropriate to properly develop the subject acreage because of consistent rock properties throughout the Unit and equivalent orientation with surrounding offset Wolfcamp producers.

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, approval of these applications will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

10. The attached exhibits B1 through B4 were either prepared by me or compiled under my direction and supervision or were assembled 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.



Jessica Pontiff

3-10-2023

Date

Keg Shell Federal Com 701H, 702H, 703H, 704H, 705H, 706H and 901H, 902H, 903H, 904H, 906H, 907H, 908H, 909H Wolfcamp Wells (WFMP): Location Map

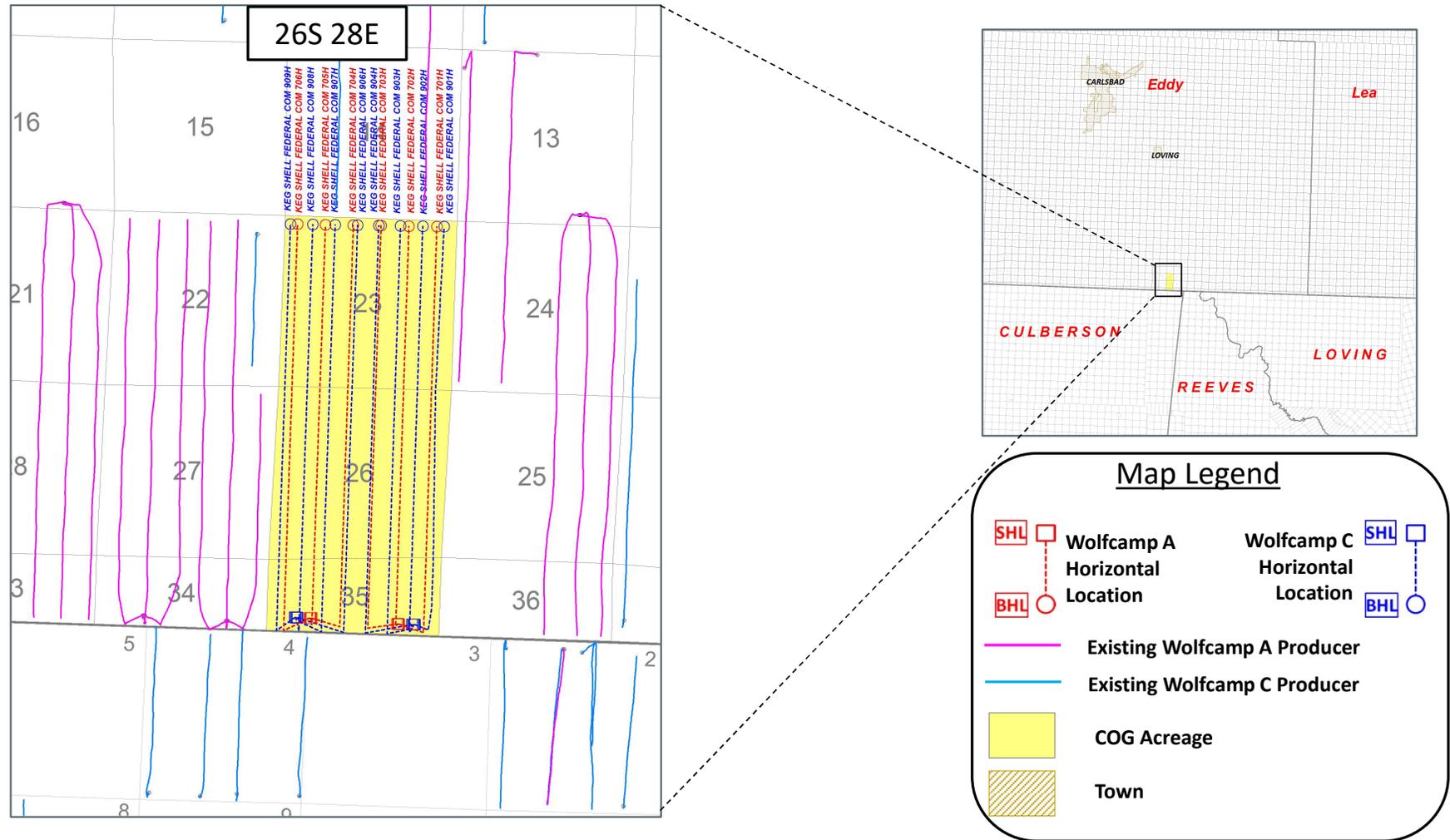


Exhibit B1



COG Operating LLC
Case No. 23344
Exhibit B-1

Keg Shell Federal Com 701H, 702H, 703H, 704H, 705H, 706H and 901H, 902H, 903H, 904H, 906H, 907H, 908H, 909H Wolfcamp (WFMP): Top WFMP – Structure Map

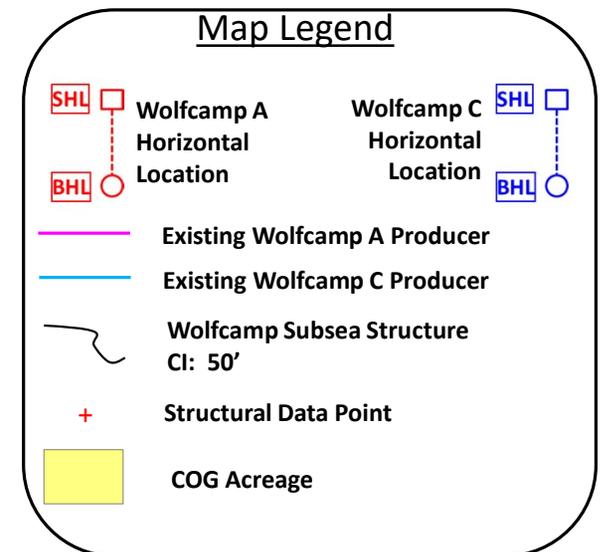
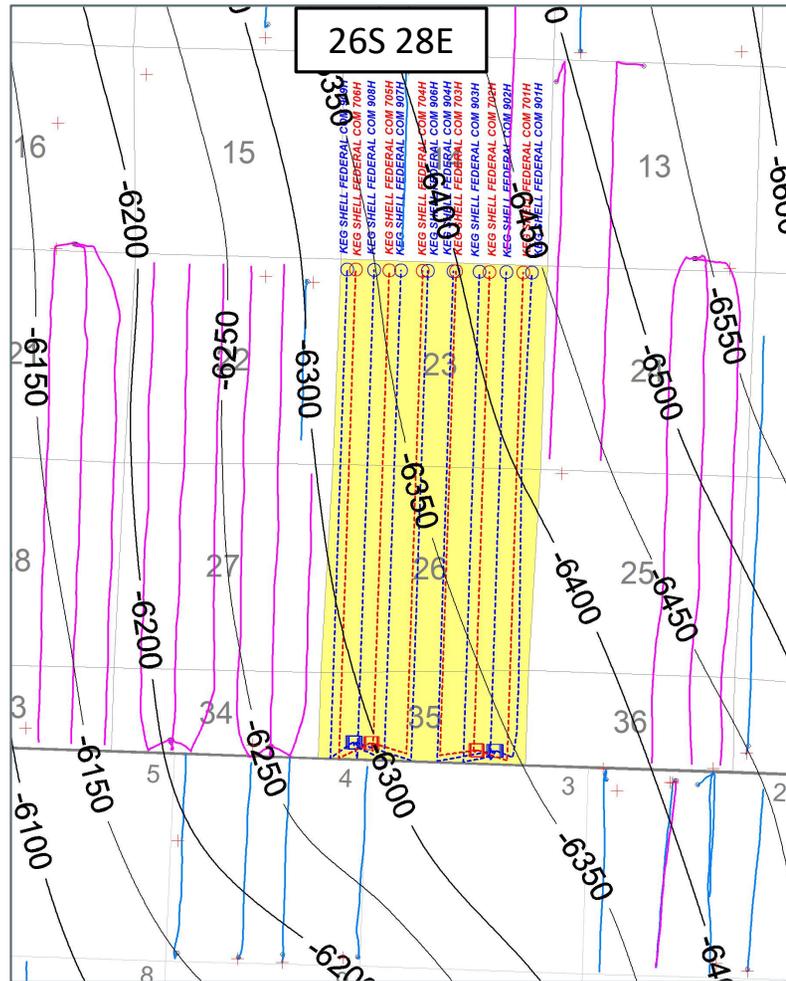


Exhibit B2



COG Operating LLC
Case No. 23344
Exhibit B-2

Keg Shell Federal Com 701H, 702H, 703H, 704H, 705H, 706H and 901H, 902H, 903H, 904H, 906H, 907H, 908H, 909H Wolfcamp (WFMP): Cross Section Map

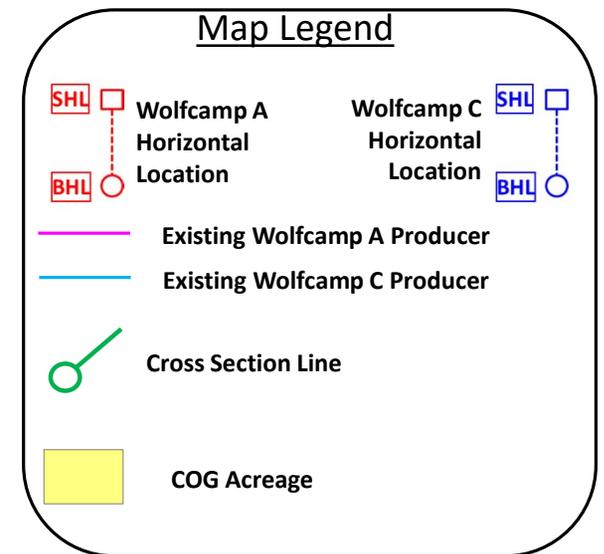
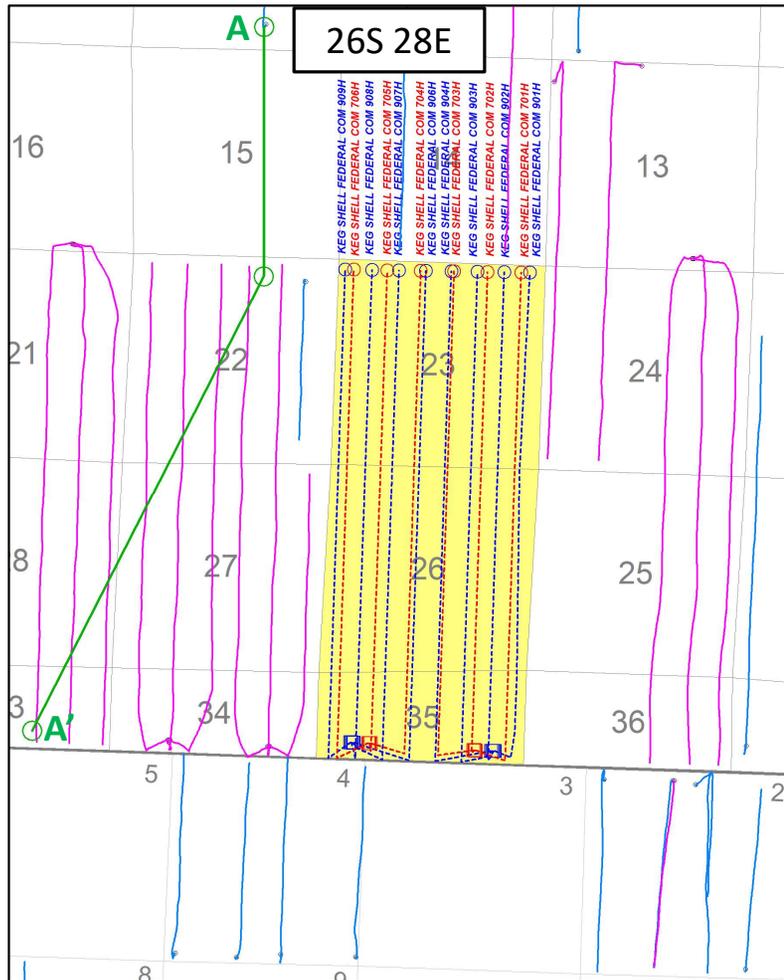


Exhibit B3



COG Operating LLC
Case No. 23344
Exhibit B-3

Keg Shell Federal Com: Wolfcamp – Stratigraphic Cross Section A – A'

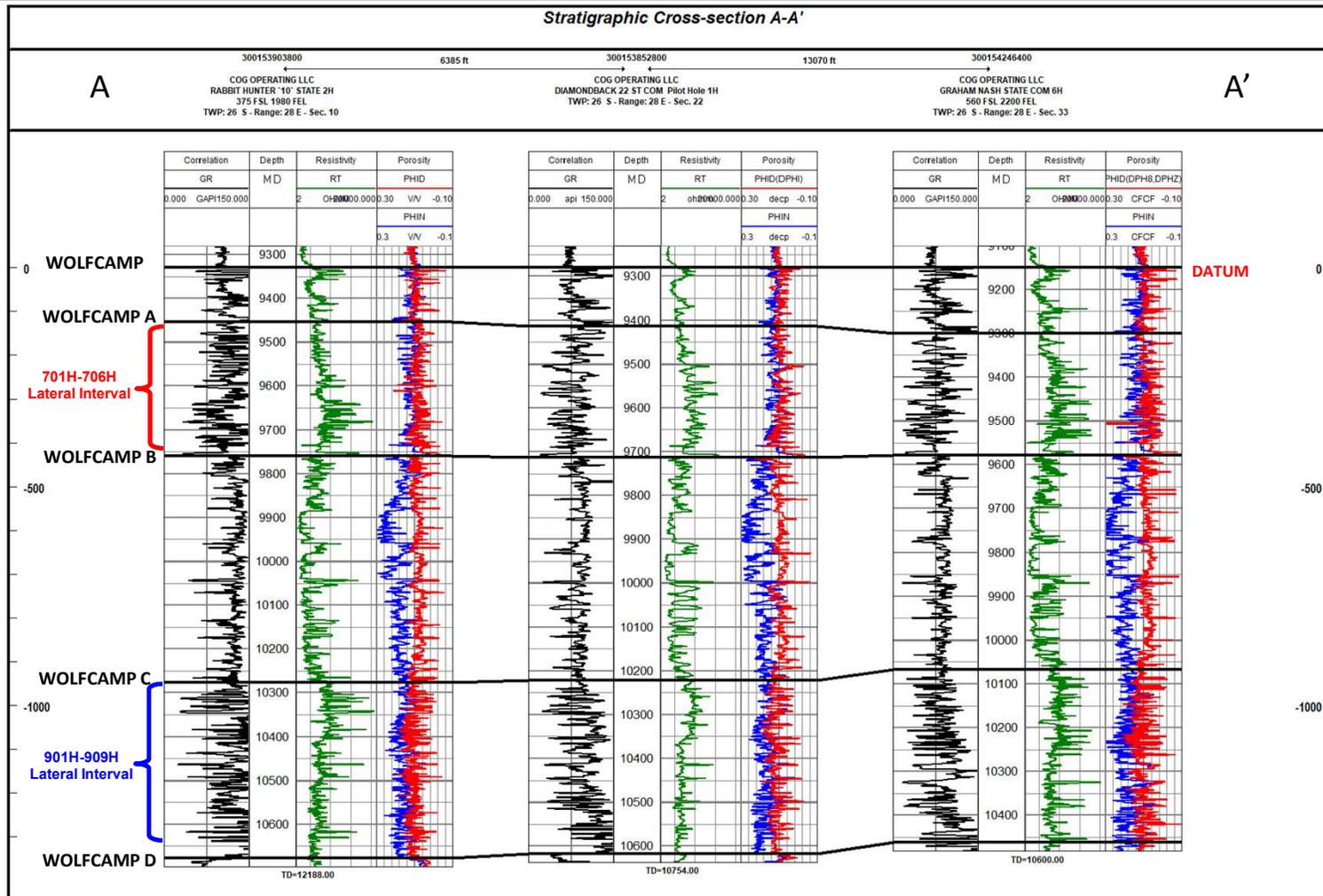


Exhibit B4



COG Operating LLC
Case No. 23344
Exhibit B-4

**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. 23344

**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 7, 2023, I caused a notice to be published to all interested parties in the Carlsbad Current Argus. An Affidavit of Publication from the Legal Clerk of the Carlsbad Current Argus, 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

March 13, 2022
Date

**COG Operating LLC
Case No. 23344
Exhibit C**



hinklelawfirm.com

HINKLE SHANOR LLP

ATTORNEYS AT LAW

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 1, 2023

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 23344 – Applications 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 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://wwwapps.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 Shelley C. Klingler, Senior Land Negotiator for COG Operating LLC, by phone at 432-688-9027 if you have any questions regarding this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

COG Operating LLC
Case No. 23344
Exhibit C-1

Enclosure

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

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

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



hinklelawfirm.com

HINKLE SHANOR LLP

ATTORNEYS AT LAW

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 13, 2023

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case No. 23344 – Applications 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 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://wwwapps.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 Shelley C. Klingler, Senior Land Negotiator for COG Operating LLC, by phone at 432-688-9027 if you have any questions regarding this matter.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Enclosure

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

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

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

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

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

CASE NO. 23344

NOTICE LETTER CHART

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Margi Fort Bruns, AKA, Marguerite Fort Bruns 12711 Colorado Blvd E 505 Thornton, CO 80241	02/01/23	Latest USPS Update (Last Checked 03/10/23): 02/10/23 – Delivered to agent for final delivery.
Lynn C. Charuk and Grace Charuk 3921 Tanforan Ave Midland, TX 79707	02/01/23	Latest USPS Update (Last Checked 03/10/23): 02/09/23 – Item in transit to next facility.
Mitchel E. and Elizabeth L. Cheney PO Box 570083 Houston, TX 77257	02/01/23	02/13/23
Chevron U.S.A. Inc. 1400 Smith St., Suite 3600 Houston, TX 77002	02/13/23	03/03/23
Chisos Minerals, LLC 1111 Bagby St., Suite 1250 Houston, TX 77002	02/01/23	02/17/23 Return to sender.
Chisos Minerals, LLC PO Box 470788 Fort Worth, TX 76147	02/01/23	02/13/23
EOG Resources Inc. 5509 Champions Blvd. Midland, TX 79706	02/13/23	Latest USPS Update (Last Checked 03/10/23): 02/20/23 – Item in transit to next facility.
Tommy L. Fort PO Box 5356 Midland, TX 79704	02/01/23	02/13/23
Madison M. Hinkle PO Box 2292 Roswell, NM 88202	02/01/23	02/08/23
Rolla R. Hinkle III PO Box 2292 Roswell, NM 88202	02/01/23	02/08/23

**COG Operating LLC
Case No. 23344
Exhibit C-2**

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

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

CASE NO. 23344

NOTICE LETTER CHART

OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046	02/01/23	02/13/23
OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046	02/01/23	02/13/23
Debra Kay Primera PO Box 28504 Austin, TX 78755	02/01/23	02/10/23
Ricky Don Raindl PO Box 142454 Irving, TX 75014	02/01/23	02/16/23
Robert Mitchell Raindl PO Box 853 Tahoka, TX 79373	02/01/23	02/08/23
Rfort Mineral Properties, LLC 9716 Admiral Emerson Ave NE Albuquerque, NM 87111	02/01/23	02/06/23

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Certified Mail Fee
 \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage
 \$ _____

Total Postage and Fees
 \$ _____

Mitchel E. and Elizabeth L. Cheney
 PO Box 570083
 Houston, TX 77257

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-6047 See Reverse for Instructions

Postmark Here
FEB 01 2023

SANTA FE, NM 87501

USPS

7022 1670 0002 1181 6101

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Signature <input type="checkbox"/> Agent <input type="checkbox"/> Address</p> <p>B. Received by (Printed Name) _____ C. Date _____ <i>Mitchel E. Cheney</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below _____</p>
<p>1. Article Addressed to:</p> <p>Mitchel E. and Elizabeth L. Cheney PO Box 570083 Houston, TX 77257</p> <p>23344 COG - Keg Shell</p>  <p>9590 9402 7543 2098 9385 83</p>	<p>RECEIVED FEB 13 2023</p> <p>Hinkie Shanor LLP Santa Fe NM 87501</p>
<p>2. Article Number (Transfer from service label) 7022 1670 0002 1181 6101</p>	<p>3. Service Type <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail Express® <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery <input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

COG Operating LLC
Case No. 23344
Exhibit C-3

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT Domestic Mail Only

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OFFICIAL USE

Certified Mail Fee

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Extra Services & Fees (check box, add fee as appropriate)

- Return Receipt (hardcopy) \$
- Return Receipt (electronic) \$
- Certified Mail Restricted Delivery \$
- Adult Signature Required \$
- Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

Chevron U.S.A. Inc.
1400 Smith St., Suite 3600
Houston, TX 77002

23344 - COG Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 1670 0002 1181 6750



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Chevron U.S.A. Inc.
1400 Smith St., Suite 3600
Houston, TX 77002

23344 - COG Keg Shell



9590 9402 7543 2098 9546 82

2. Article Number (Transfer from service label)

7022 1670 0002 1181 6750

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Agent

Addressee

B. Received by (Printed Name)

C. Date of Delivery

2-21-23

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

MAR - 3 2023

RECEIVED

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Domestic Return Receipt

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7022 1670 0002 1181 5814

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To

Chisos Minerals, LLC
 PO Box 470788
 Fort Worth, TX 76147

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Postmark Here
 FEB 01 2023
 SANTA FE, NM 87501
 USPS

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> X <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Thomas</i> C. Date of Delivery <i>2/8/23</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>RECEIVED FEB 13 2023</p>
<p>1. Article Addressed to:</p> <p>Chisos Minerals, LLC PO Box 470788 Fort Worth, TX 76147</p> <p>23344 COG - Keg Shell</p> <p>9590 9402 7543 2098 9385 69</p>	<p>3. Service Type <i>Hinkle Shanor LLP</i> <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1181 5814</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7022 1670 0002 1181 6095

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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Tommy L. Fort
 PO Box 5356
 Midland, TX 79704

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

Stamp: FEB 01 2023 Postmark Here

Stamp: USPS

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>T. Fort</u></p> <p>C. Date of Delivery <u>2/10/2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If Yes, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>RECEIVED FEB 13 2023 FEB 10 2023 79704 USPS</p> <p>Hinkle Shanor LLP</p>
<p>1. Article Addressed to:</p> <p>Tommy L. Fort PO Box 5356 Midland, TX 79704</p> <p>23344 COG - Keg Shell</p> <p>9590 9402 7543 2098 9385 90</p>	<p>3. Service Type <u>Santa Fe NM 87504</u></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 type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1181 6095</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7022 1670 0002 1183 9148

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Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Sent To

Madison M. Hinkle
PO Box 2292
Roswell, NM 88202

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SANTA FE NM 87507
FEB 01 2023
Postmark Here
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Al Moody</u> C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>RECEIVED FEB - 8 2023</p>
<p>1. Article Addressed to:</p> <p>Madison M. Hinkle PO Box 2292 Roswell, NM 88202</p> <p>23344 COG - Keg Shell</p> <p></p> <p>9590 9402 7543 2098 9386 68</p>	<p>3. Service Type</p> <p><input checked="" type="checkbox"/> Adult Signature Restricted Delivery Hinkle Shanor LLP</p> <p><input checked="" type="checkbox"/> Certified Mail® Santa Fe NM 87504</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1183 9148</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9059	Domestic Return Receipt

7022 1670 0002 1183 9155

U.S. Postal Service
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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

Total Postage and Fees \$ _____

Postmark Here **FEB 07 2023**

USPS

Rolla R. Hinkle III
 PO Box 2292
 Roswell, NM 88202

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>A. Moody</u></p> <p>C. Date of Delivery <u>FEB 8 2023</u></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, print delivery address below:</p>
<p>1. Article Addressed to:</p> <p>Rolla R. Hinkle III PO Box 2292 Roswell, NM 88202</p> <p>23344 COG - Keg Shell</p> <p>9590 9402 7543 2098 9386 44</p>	<p>Hinkle Shop, LLP</p> <p>3. Service Type <u>Santa Fe NM 87504</u></p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1183 9155</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

7022 1670 0002 1183 9094

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Extra Services & Fees (check box, add fees as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

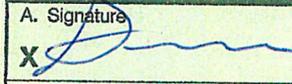
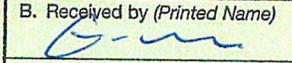
Total Postage and Fees \$ _____

OXY USA Inc.
 5 Greenway Plaza, Suite 110
 Houston, TX 77046

23344 COG - Keg Shell

Postmark Here
 FEB 01 2023

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  C. Date of Delivery 2/6/23</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>RECEIVED FEB 13 2023</p>
<p>1. Article Addressed to:</p> <p>OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston, TX 77046</p> <p>23344 COG - Keg Shell</p> <p> 9590 9402 7543 2098 9386 82</p>	<p>3. Service Type <u>Hinkle Shanor LLP</u> <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature <u>Santa Fe NM 87504</u> <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1183 9094</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

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7022 1670 0002 1183 9179

Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

Postage \$ _____

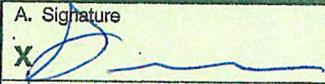
Total Postage and Fees \$ _____

OXY Y-1 Company
 5 Greenway Plaza, Suite 110
 Houston, TX 77046

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7580-02-000-9047 See Reverse for Instructions

Postmark Here: FEB 07 2023

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature  <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <u>Hinkle Shanor</u> C. Date of Delivery <u>2/13/23</u></p> <p>D. Is delivery address different from item 1? <input checked="" type="checkbox"/> Yes If YES, enter delivery address below. <input type="checkbox"/> No</p> <p>RECEIVED FEB 13 2023</p>
<p>1. Article Addressed to:</p> <p>OXY Y-1 Company 5 Greenway Plaza, Suite 110 Houston, TX 77046</p> <p>23344 COG - Keg Shell</p>	<p>3. Service Type <u>Hinkle Shanor LLP</u></p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery</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>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1183 9179</p>	<p>Barcode: 9590 9402 7543 2098 9386 75</p>
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7022 1670 0002 1183 9162

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Certified Mail Fee \$ _____

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ _____

Return Receipt (electronic) \$ _____

Certified Mail Restricted Delivery \$ _____

Adult Signature Required \$ _____

Adult Signature Restricted Delivery \$ _____

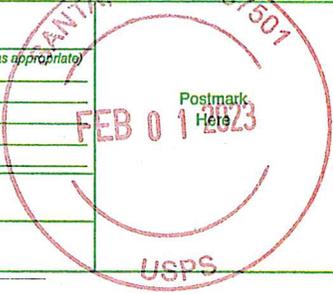
Postage \$ _____

Total Postage and Fees \$ _____

Debra Kay Primera
 PO Box 28504
 Austin, TX 78755

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> <i>Dianne Bone</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <i>Dianne Bone</i></p> <p>C. Date of Delivery FEB 10 2023</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>RECEIVED</p> <p>Hinkle Shanor LLP Santa Fe, NM 87504</p>
<p>Debra Kay Primera PO Box 28504 Austin, TX 78755</p> <p>23344 COG - Keg Shell</p> <p> 9590 9402 7543 2098 9386 51</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 type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label) 7022 1670 0002 1183 9162</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

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- Adult Signature Restricted Delivery \$

Postage

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Total Postage and Fees

\$

Sent To

Ricky Don Raindl
PO Box 142454
Irving, TX 75014

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions



7022 1670 0002 1181 6064

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1. Article Addressed to:

Ricky Don Raindl
PO Box 142454
Irving, TX 75014

23344 COG - Keg Shell



9590 9402 7543 2098 9386 20

2. Article Number (Transfer from service label)

7022 1670 0002 1181 6064

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

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Agent
 Addressee

B. Received by (Printed Name)

D PRIMERA

C. Date of Delivery

2/13/23

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

RECEIVED

FEB 16 2023

3. Service Type

- Adult Signature **Hinkle Shanor LLP** Priority Mail Express®
- Adult Signature **Santa Fe NM 87501** Registered Mail™
- Certified Mail® Registered Mail Restricted Delivery
- Certified Mail Restricted Delivery Signature Confirmation™
- Collect on Delivery Signature Confirmation Restricted Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
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Domestic Return Receipt

7022 1670 0002 1181 6057

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Adult Signature Restricted Delivery \$ _____

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SANTA FE, NM 87504

FEB 0 1 2023

USPS

Robert Mitchell Raindl
PO Box 853
Tahoka, TX 79373

23344 COG - Keg Shell

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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>Robert Raindl</i></p> <p>B. Received by (Printed Name) <i>Robert Raindl</i> C. Date of Delivery</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>RECEIVED</p> <p>FEB - 8 2023</p>
<p>1. Article Addressed to:</p> <p>Robert Mitchell Raindl PO Box 853 Tahoka, TX 79373</p> <p>23344 COG - Keg Shell</p> <p>9590 9402 7543 2098 9386 37</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 type="checkbox"/> Certified Mail <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1181 6057</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

7022 1670 0002 1181 6088

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\$ _____

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$ _____
<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

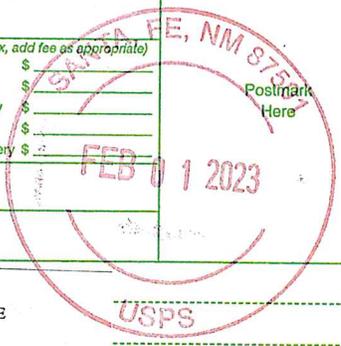
Postage
\$ _____

Total Postage and Fees
\$ _____

Rfort Mineral Properties, LLC
9716 Admiral Emerson Ave NE
Albuquerque, NM 87111

23344 COG - Keg Shell

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY																
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <i>[Handwritten Signature]</i></p> <p><input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Receiver (Printed Name) <i>Rfort</i></p> <p>C. Date of Delivery <i>2/3</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input checked="" type="checkbox"/> No</p> <p>RECEIVED FEB -6 2023</p>																
<p>1. Article Addressed to:</p> <p>Rfort Mineral Properties, LLC 9716 Admiral Emerson Ave NE Albuquerque, NM 87111</p> <p>23344 COG - Keg Shell</p> <p>9590 9402 7543 2098 9386 06</p>	<p>3. Service Type</p> <table border="0"> <tr><td><input type="checkbox"/> Adult Signature</td><td><input type="checkbox"/> Priority Mail Express®</td></tr> <tr><td><input type="checkbox"/> Adult Signature Restricted Delivery</td><td><input type="checkbox"/> Registered Mail™</td></tr> <tr><td><input type="checkbox"/> Certified Mail®</td><td><input type="checkbox"/> Registered Mail Restricted Delivery</td></tr> <tr><td><input type="checkbox"/> Certified Mail Restricted Delivery</td><td><input type="checkbox"/> Signature Confirmation™</td></tr> <tr><td><input type="checkbox"/> Collect on Delivery</td><td><input type="checkbox"/> Signature Confirmation Restricted Delivery</td></tr> <tr><td><input type="checkbox"/> Collect on Delivery Restricted Delivery</td><td><input type="checkbox"/> Restricted Delivery</td></tr> <tr><td><input type="checkbox"/> Insured Mail</td><td></td></tr> <tr><td><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</td><td></td></tr> </table> <p><i>Hinkle Sham...</i> <i>Santa Fe NM 87504</i></p>	<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®	<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™	<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery	<input type="checkbox"/> Certified Mail Restricted Delivery	<input type="checkbox"/> Signature Confirmation™	<input type="checkbox"/> Collect on Delivery	<input type="checkbox"/> Signature Confirmation Restricted Delivery	<input type="checkbox"/> Collect on Delivery Restricted Delivery	<input type="checkbox"/> Restricted Delivery	<input type="checkbox"/> Insured Mail		<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)	
<input type="checkbox"/> Adult Signature	<input type="checkbox"/> Priority Mail Express®																
<input type="checkbox"/> Adult Signature Restricted Delivery	<input type="checkbox"/> Registered Mail™																
<input type="checkbox"/> Certified Mail®	<input type="checkbox"/> Registered Mail Restricted Delivery																
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<input type="checkbox"/> Insured Mail																	
<input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)																	
<p>2. Article Number (Transfer from service label)</p> <p>7022 1670 0002 1181 6088</p>																	
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Sent To

Chisos Minerals, LLC
 1111 Bagby St., Suite 1250
 Houston, TX 77002

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 POST OFFICE BOX 2068
 SANTA FE, NEW MEXICO 87504

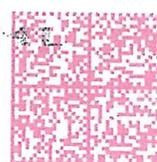
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Chisos Minerals, LLC
 1111 Bagby St., Suite 1250
 Houston, TX 77002

Handwritten initials

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 NOT DELIVERABLE AS ADDRESSED
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BC: 87504206868 *0755-06887-02-38

4/2/17

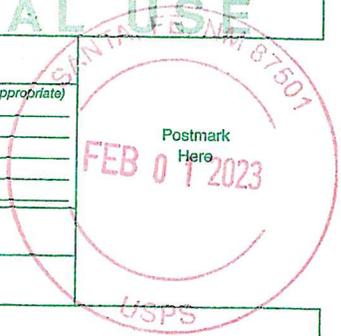
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<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$



Postage	\$
Total Postage and Fees	\$

MARGUERITE FORT BRUNS	
Margi Fort Bruns, AKA, Marguerite Fort Bruns 12711 Colorado Blvd E 505 Thornton, CO 80241	
23344 COG - Keg Shell	

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Your item has been delivered to an agent for final delivery in BRIGHTON, CO 80602 on February 10, 2023 at 11:23 am.

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Feedback

Delivered to Agent

Delivered to Agent for Final Delivery

BRIGHTON, CO 80602

February 10, 2023, 11:23 am

Departed USPS Regional Facility

DENVER CO DISTRIBUTION CENTER

February 10, 2023, 8:54 am

Arrived at USPS Regional Facility

DENVER CO DISTRIBUTION CENTER

February 9, 2023, 12:43 pm

Arrived at USPS Regional Facility

COLORADO SPRINGS CO DISTRIBUTION CENTER

February 8, 2023, 8:26 pm

Forwarded

THORNTON, CO

February 4, 2023, 3:38 pm

Departed USPS Regional Facility

DENVER CO DISTRIBUTION CENTER
February 4, 2023, 3:18 am

Arrived at USPS Regional Facility

DENVER CO DISTRIBUTION CENTER
February 3, 2023, 12:01 pm

Departed USPS Facility

ALBUQUERQUE, NM 87101
February 2, 2023, 9:30 pm

Arrived at USPS Facility

ALBUQUERQUE, NM 87101
February 2, 2023, 7:54 pm

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Product Information



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FAQs

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<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ _____

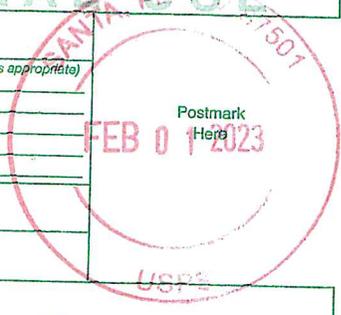
Total Postage and Fees \$ _____

Post to

Lynn C. Charuk and Grace Charuk
 3921 Tanforan Ave
 Midland, TX 79707

23344 COG - Keg Shell

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Out for Delivery

Preparing for Delivery

Moving Through Network

In Transit to Next Facility

February 9, 2023

Departed USPS Regional Facility

MIDLAND TX DISTRIBUTION CENTER

February 5, 2023, 10:03 pm

Arrived at USPS Regional Facility

MIDLAND TX DISTRIBUTION CENTER

February 4, 2023, 7:11 pm

Departed USPS Facility

ALBUQUERQUE, NM 87101

February 2, 2023, 7:38 pm

Feedback

Arrived at USPS Facility
 ALBUQUERQUE, NM 87101
 February 2, 2023, 6:23 pm

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Extra Services & Fees (check box, add fee as appropriate)	
<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage \$

Total Postage and Fees \$

EOG Resources Inc.
5509 Champions Blvd.
Midland, TX 79706

23344 - COG Keg Shell



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Delivered

Out for Delivery

Preparing for Delivery

Moving Through Network

In Transit to Next Facility

February 20, 2023

Departed USPS Regional Facility

MIDLAND TX DISTRIBUTION CENTER

February 16, 2023, 12:27 am

Arrived at USPS Regional Facility

MIDLAND TX DISTRIBUTION CENTER

February 15, 2023, 4:45 pm

Departed USPS Facility

ALBUQUERQUE, NM 87101

February 13, 2023, 9:48 pm

Feedback

Arrived at USPS Facility

ALBUQUERQUE, NM 87101

February 13, 2023, 9:24 pm

Hide Tracking History

Text & Email Updates



USPS Tracking Plus®



Product Information



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FAQs

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POBOX 10

ROSWELL, NM 88202-0010

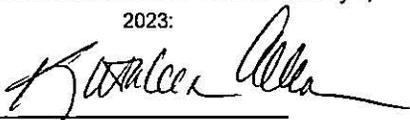
I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements 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:

02/07/2023

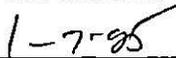


Legal Clerk

Subscribed and sworn before me this February 7, 2023:



State of WI, County of Brown
NOTARY PUBLIC



My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0005582412
PO #: 0005582412
of Affidavits: 1

This is not an invoice

COG Operating LLC
Case No. 23344
Exhibit C-4

This is to notify all interested parties, including Margi Fort Bruns, AKA, Marguerite Fort Bruns, Lynn C. Charuk and Grace Charuk, Mitchell E. Cheney and Elizabeth L. Cheney, Chisos Minerals, LLC, Tommy L. Fort, Madison M. Hinkle, Rolla R. Hinkle III, OXY USA Inc., OXY Y-1 Company, Debra Kay Primera, Ricky Don Raindl, Robert Mitchell Raindl, and RFort Mineral Properties, 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. 23344). 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/oed/hearing-info/>. Applicant applies for an order pooling all uncommitted interests in the Wolfcamp formation underlying a 1,535.8-acre, more or less, standard horizontal spacing unit comprised of Sections 23 and 26, and the N/2 N/2 and Lots 1, 2, 3, and 4 ("all") of irregular Section 35, Township 26 South, Range 28 East, Eddy County, New Mexico ("Unit"). Applicant seeks to dedicate the Unit to the following proposed wells ("Wells"): Keg Shell Fed Com 701H, Keg Shell Fed Com 702H, Keg Shell Fed Com 901H, and Keg Shell Fed Com 902H, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NE/4 (Unit A) of Section 23, Township 26 South, Range 28 East; Keg Shell Fed Com 703H, to be drilled from a surface hole location in Lot 3 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 23, Township 26 South, Range 28 East; Keg Shell Fed Com 704H and Keg Shell Fed Com 705H, to be drilled from a surface hole location in Lot 2 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East; Keg Shell Fed Com 706H, Keg Shell Fed Com 908H, and Keg Shell Fed Com 909H, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 23, Township 26 South, Range 28 East; Keg Shell Fed Com 903H and Keg Shell Fed Com 904H, to be drilled from a surface hole location in Lot 4 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in the NW/4 NE/4 (Unit B) of Section 35, Township 26 South, Range 28 East, and Keg Shell Fed

28 East, and Keg Shell Fed Com 906H and Keg Shell Fed Com 907H, to be drilled from a surface hole location in Lot 1 of Section 35, Township 26 South, Range 28 East, to a bottom hole location in NE/4 NW/4 (Unit C) of Section 23, Township 26 South, Range 28 East. The completed intervals of the Wells will be orthodox. The completed interval of the Keg Shell Fed Com 906H well will be located within 330' of the line separating the E/2 and W/2 of Sections 23, 26, and 35 to allow for the creation of a 1,535.8-acre standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs, the designation of Applicant as the operator of the Wells, and a 200% charge for the risk involved in drilling and completing the Wells. The Wells are located approximately 13.6 miles south of Malaga, New Mexico.

#5582412, Current Argus,
February 7, 2023