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

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

CASE NO. 22927

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

Case No.:	22927
Hearing Date:	8/4/2022
Applicant	COG Operating LLC
Designated Operator & OGRID	229137
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of COG Operating LLC for Compulsory Pooling, Lea County
Fundamental Automotive Control	New Mexico
Entries of Appearance/Intervenors Well Family	N/A
20 (00 COM 100	Yeah Yeah
Formation/Pool	
Formation Name(s) or Vertical Extent	Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Bone Spring
Pool Name and Pool Code	Ojo Chiso; Bone Spring (96553)
Vell Location Setback Rules	Standard
pacing Unit Size	640
pacing Unit	
ype (Horizontal/Vertical)	Horizontal
ize (Acres)	640
uilding Blocks	quarter-quarter
Prientation	North to South
Pescription: TRS/County	W/2 of Sections 10 and 15, Township 22 South, Range 34 East, Lea County, New Mexico
tandard Horizontal Well Spacing Unit (Y/N), If No, escribe	Yes
Other Situations	
Pepth Severance: Y/N. If yes, description	No
roximity Tracts: If yes, description	Yes, W/2 W/2 and E/2 W/2 of Sections 10 and 15
roximity Defining Well: if yes, description	Yes, the Yeah Yeah Federal Com #504H well will be located within 33
	of the quarter-quarter section line seperating the W/2 W/2 and E/2
	W/2 of Sections 10 and 15 to allow for the creation of a 640-acre
	standard horiztonal spacing unit
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/ell(s)	Standard Horiztonar Spacing diffe
ame & API (if assigned), surface and bottom hole cation, footages, completion target, orientation, ompletion status (standard or non-standard)	Add wells as needed
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Vell(s) Jame & API (if assigned), surface and bottom hole ocation, footages, completion target, orientation, completion status (standard or non-standard) Vell #1	Add wells as needed Yeah Yeah Federal Com #504H (30-025-49953) SHL: 270' FNL & 835' FWL (Unit D) of Section 10, T22S, R34E BHL: 50' FSL & 1375' FWL (Unit N) of Section 15, T22S, R34E Completion Target: Bone Spring (Approximately 10,315' TVD) Well Orientation: North to South Yeah Yeah Federal Com #505H (30-025-49954) SHL: 270' FNL & 805' FWL (Unit D) of Section 10, T22S, R34E BHL: 50' FSL & 660' FWL (Unit M) of Section 15, T22S, R34E
ame & API (if assigned), surface and bottom hole ocation, footages, completion target, orientation, completion status (standard or non-standard) /ell #1	Add wells as needed Yeah Yeah Federal Com #504H (30-025-49953) SHL: 270' FNL & 835' FWL (Unit D) of Section 10, T22S, R34E BHL: 50' FSL & 1375' FWL (Unit N) of Section 15, T22S, R34E Completion Target: Bone Spring (Approximately 10,315' TVD) Well Orientation: North to South Yeah Yeah Federal Com #505H (30-025-49954) SHL: 270' FNL & 805' FWL (Unit D) of Section 10, T22S, R34E

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Well #3	Yeah Yeah Federal Com #602H (30-025-49956)
	SHL: 370' FNL & 1915' FEL (Unit B) of Section 10, T22S, R34E
	BHL: 50' FSL & 2090' FWL (Unit N) of Section 15, T22S, R34E
	Completion Target: Bone Spring (Approximately 10,100' TVD)
	Well Orientation: North to South
Well #4	Yeah Yeah Federal Com #603H (30-025-49957)
	SHL: 270' FNL & 455' FWL (Unit D) of Section 10, T22S, R34E
	BHL: 50' FSL & 1310' FWL (Unit M) of Section 15, T225, R34E
	Completion Target: Bone Spring (Approximately 11,220' TVD)
	Well Orientation: North to South
Well #5	Yeah Yeah Federal Com #604H (30-025-49958)
**************************************	SHL: 270' FNL & 425' FWL (Unit D) of Section 10, T22S, R34E
	BHL: 50' FSL & 330' FWL (Unit M) of Section 15, T22S, R34E
	Completion Target: Bone Spring (Approximately 11,150' TVD)
Well #6	Well Orientation: North to South
vveii #6	Yeah Yeah Federal Com #607H (API pending)
	SHL: 370' FNL & 2125' FEL (Unit B) of Section 10, T22S, R34E
	BHL: 50' FSL & 2310' FWL (Unit N) of Section 15, T22S, R34E
	Completion Target: Bone Spring (Approximately 11,150' TVD)
Haring and Wall Class of Laws T. L. D	Well Orientation: North to South
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
Production Supervision/Month \$	800
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing Proposed Notice of Hearing	Exhibit A-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibits C-2, C-3
	Fubility C. 4
hearing)	Exhibit C-4
nearing) Ownership Determination	
hearing) Ownership Determination Land Ownership Schematic of Spacing Unit	Exhibit A-3
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners)	Exhibit A-3 Exhibit A-3
hearing) Ownership Determination Land Ownership Schematic of Spacing Unit Fract List (including lease numbers & owners) Pooled Parties (including ownership type)	Exhibit A-3 Exhibit A-3 Exhibit A-3
hearing) Ownership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled	Exhibit A-3 Exhibit A-3 Exhibit A-3 None
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance	Exhibit A-3 Exhibit A-3 Exhibit A-3
hearing) Ownership Determination Land Ownership Schematic of Spacing Unit Fract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A
Proof of Published Notice of Hearing (10 days before hearing) Ownership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance Joinder Sample Copy of Proposal Letter	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A
Dwnership Determination Land Ownership Schematic of Spacing Unit Fract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3
Description Concerning Description Land Ownership Schematic of Spacing Unit Description Cooled Parties (including lease numbers & owners) Cooled Parties (including ownership type) Unlocatable Parties to be Pooled Description Descr	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3 Exhibit A-5
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance Oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3 Exhibit A-5 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Ownership Depth Severance Toinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Lost Estimate to Drill and Complete	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3 Exhibit A-5 Exhibit A-4 Exhibit A-4 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Lost Estimate to Drill and Complete Cost Estimate to Equip Well	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance Oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Dverhead Rates In Proposal Letter Lost Estimate to Drill and Complete Lost Estimate to Equip Well Lost Estimate for Production Facilities	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3 Exhibit A-5 Exhibit A-4 Exhibit A-4 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Dverhead Rates In Proposal Letter ost Estimate to Drill and Complete lost Estimate to Equip Well lost Estimate for Production Facilities	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-3 Exhibit A-5 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Fract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Cost Estimate to Drill and Complete Cost Estimate to Equip Well Cost Estimate for Production Facilities Feology ummary (including special considerations)	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4
Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Overhead Rates In Proposal Letter Lost Estimate to Drill and Complete Lost Estimate to Equip Well Lost Estimate for Production Facilities Leology Leo	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4 Exhibit B-1, Exhibit B-2
Description Descr	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4 Exhibit B-1, Exhibit B-2 N/A
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Dwnership Determination Land Ownership Schematic of Spacing Unit Tract List (including lease numbers & owners) Pooled Parties (including ownership type) Unlocatable Parties to be Pooled Dwnership Depth Severance oinder Sample Copy of Proposal Letter List of Interest Owners (ie Exhibit A of JOA) Chronology of Contact with Non-Joined Working Interests Dverhead Rates In Proposal Letter ost Estimate to Drill and Complete ost Estimate to Equip Well ost Estimate for Production Facilities Feology ummary (including special considerations) pacing Unit Schematic iunbarrel/Lateral Trajectory Schematic Vell Orientation (with rationale) arget Formation	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4 Exhibit B Exhibit B-1, Exhibit B-2 N/A Exhibit B Exhibit B Exhibit B
Description Descr	Exhibit A-3 Exhibit A-3 Exhibit A-3 None N/A Exhibit A-4 Exhibit A-5 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit A-4 Exhibit B Exhibit B Exhibit B-1, Exhibit B-2 N/A Exhibit B

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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, Exhibit B-2
Well Bore Location Map	Exhibit B-1, Exhibit B-2
Structure Contour Map - Subsea Depth	Exhibit B-3, Exhibit B-6
Cross Section Location Map (including wells)	Exhibit B-4, Exhibit B-7
Cross Section (including Landing Zone)	Exhibit B-5, Exhibit B-8
Additional Information	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	8/2/2022

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

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

CASE NO. 22927

SELF-AFFIRMED STATEMENT OF MACKAYLA STONE

- I am a Senior Land Negotiator for COG Operating LLC ("COG"). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement.
- 2. I have not previously testified before the New Mexico Oil Conservation Division ("Division"). I hold a Bachelor's Degree in Energy Commerce from Texas Tech University and have worked as a land negotiator for approximately five years.
- 3. I am familiar with the land matters involved in the above-referenced case. Copies of COG's application and proposed hearing notice are attached as Exhibit A-1.
- 4. 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.
- 5. COG seeks an order pooling all uncommitted interests in the Bone Spring formation (Ojo Chiso; Bone Spring Pool, Code 96553) underlying a 640-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 10 and 15, Township 22 South, Range 34 East, Lea County, New Mexico ("Unit").
 - 6. The Unit will be dedicated to the following wells ("Wells"):

COG Operating LLC Case No. 22927 Exhibit A

- a. The Yeah Yeah Federal Com #504H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15;
- b. The Yeah Yeah Federal Com #505H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15;
- c. The Yeah Yeah Federal Com #602H well, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15;
- d. Yeah Yeah Federal Com #603H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15;
- e. The Yeah Yeah Federal Com #604H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15; and
- f. The Yeah Yeah Federal Com #607H well, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15.
- 7. The completed intervals of the Wells will be orthodox. The completed interval of the Yeah Yeah Federal Com #504H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 10 and 15 to allow for the creation of a 640-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. Exhibit A-3 also identifies any unlocatable parties.
- 10. **Exhibit A-4** contains a sample well proposal letter and AFEs sent to working interest owners for the Well. The estimated costs reflected on the AFE are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
- 11. COG has conducted a diligent search of all county public records, including phone directories and computer databases.
- 12. In my opinion, COG made a good-faith effort to reach voluntary joinder of uncommitted interests in the Well as indicated by the chronology of contact described in **Exhibit** A-5.
- 13. COG requests overhead and administrative rates of \$8,000 per month while the Well is being drilled and \$800 per month while the Well is producing. These rates are fair and are comparable to the rates charged by COG and other operators in the vicinity.
- 14. The attached exhibits attached 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 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 this case. I affirm that my testimony contained herein 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.

Mackayla Stone

Date

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

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

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") for an order pooling all uncommitted interests in the Bone Spring formation underlying a 640-acre, more or less, standard horizontal spacing unit comprised of the W/2 of Sections 10 and 15, Township 22 South, Range 34 East, Lea 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:
 - a. The **Yeah Yeah Federal Com #504H well**, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15;
 - b. The **Yeah Yeah Federal Com #505H well**, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15;
 - c. The **Yeah Yeah Federal Com #602H well**, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15;

COG Operating LLC Case No. 22927 Exhibit A-1

- d. The **Yeah Yeah Federal Com #603H well**, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15;
- e. The **Yeah Yeah Federal Com #604H well**, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15; and
- f. The **Yeah Yeah Federal Com #607H well**, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15.
- 3. The completed intervals of the wells will be orthodox.
- 4. The completed interval of the Yeah Yeah Federal Com #504H well will be located within 330' of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 10 and 15 to allow for the creation of a 640-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 uncommitted 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 August 4, 2022, 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

Jeremy Ian Martin

P.O. Box 2068

Santa Fe, NM 87504-2068

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Facsimile: (505) 98208623 dhardy@hinklelawfirm.com

jmclean@hinklelawfirm.com jmartin@hinklelawfirm.com

Counsel for COG Operating LLC

Application of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico. Applicant applies for an order pooling all uncommitted mineral interests in the Bone Spring formation underlying a 640-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2 of Sections 10 and 15, Township 22 South, Range 34 East, Lea County, New Mexico. The Unit will be dedicated to the following wells ("Wells"): Yeah Yeah Federal Com #504H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15; Yeah Yeah Federal Com #505H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15; Yeah Yeah Federal Com #602H well, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15; Yeah Yeah Federal Com #603H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15; Yeah Yeah Federal Com #604H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SW/4 SW/4 (Unit M) of Section 15; and Yeah Yeah Federal Com #607H well, to be drilled from a surface hole location in the NW/4 NE/4 (Unit B) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15. The completed intervals of the wells will be orthodox. The completed interval of the Yeah Yeah Federal Com #504H well will be located within 330'of the quarter-quarter section line separating the W/2 W/2 and E/2 W/2 of Sections 10 and 15 to allow for the creation of a 640-acre standard horizontal spacing unit. Also to be considered will be the cost of drilling and completing the Wells and the allocation of the cost, 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 18 miles west of Eunice, New Mexico.

COG Operating LLC 14 of 83 Case No. 22927

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

Energy, Minerals & Natural Resources Department CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

DISTRICT II 811 S. FIRST ST., ARTESIA, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 DISTRICT III 1000 RIO BRAZOS RD., AZTEC, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170

Santa Fe, New Mexico 87505

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

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

□ AMENDED REPORT

Form C-102

WELL LOCATION	I AND	ACREAGE	DEDICATION	PLAT
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API Number 30-025-49953	Pool Code 96553	Ojo Chiso; Bone Spi	ring
Property Code	Pro	operty Name	Well Number
	YEAH YEAI	H FEDERAL COM	504H
OGRID No.	Ope	erator Name	Elevation
229137	COG OP	ERATING, LLC	3586.6'

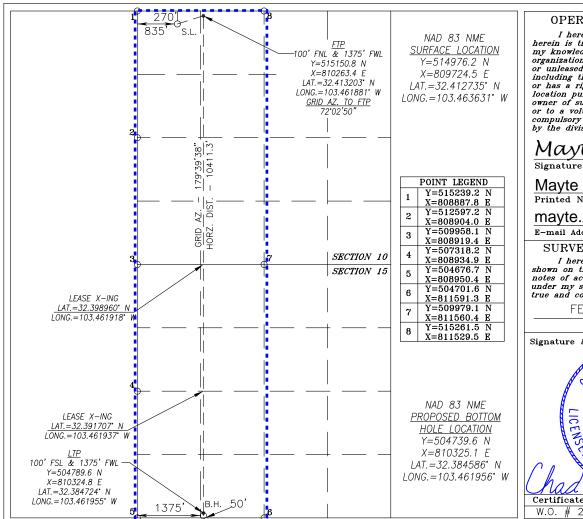
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	22-S	34-E		270	NORTH	835	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townshi	p I	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	22-9	S 3	34-E		50	SOUTH	1375	WEST	LEA
Dedicated Acres	Dedicated Acres Joint or Infill Consolidation Code		ode Or	der No.						
640										

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. I hereby certify that the information

Mayte Reyes 7/7/2022 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.

FEBRUARY 2, 2021

Date of Survey

Signature & Seal of Professional Surveyor



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
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Phone: (505) 334-6178 Fax: (505) 334-6170 DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

 \square AMENDED REPORT

WELL	LOCATION	AND	ACREAGE	DEDICATION	PLAT
11 11 11 11	LOCALION		ACIVIAGI	DIDIOATION	1 13/11

API Number 30-025-49954	Pool Code 96553						
Property Code	•	Property Name YEAH YEAH FEDERAL COM					
ogrid no. 229137	•	ator Name RATING, LLC	Elevation 3586.6'				

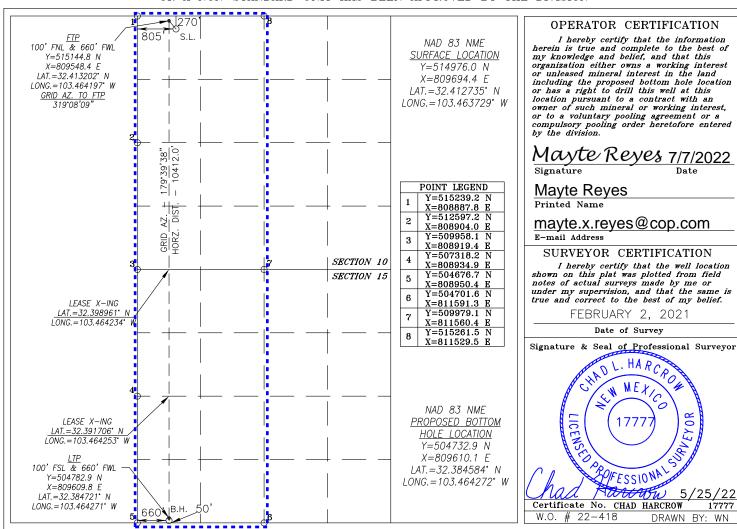
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	22-S	34-E		270	NORTH	805	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townsh	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	15	22-	·S	34-E		50	SOUTH	660	WEST	LEA
Dedicated Acres	Joint o	r Infill	Cor	nsolidation (Code Or	der No.				
640										

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State of New Mexico Energy, Minerals & Natural Resources Department CONSERVATION DIVISION

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□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	SPRING			
30-025-49956	96553	OJO CHISO;BONE				
Property Code	•	Property Name YEAH YEAH FEDERAL COM				
0GRID No.	•	ator Name	Elevation			
229137		RATING, LLC	3598.3'			

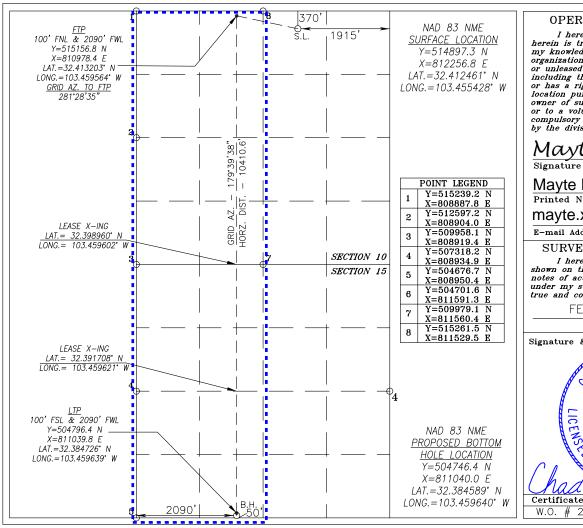
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	10	22-S	34-E		370	NORTH	1915	EAST	LEA

Bottom Hole Location If Different From Surface

UL c	or lot No.	Section	Townsh	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
	Ν	15	22-	-S	34-E		50	SOUTH	2090	WEST	LEA
Ded	icated Acres	Joint of	r Infill	Cor	solidation (Code Or	der No.		•		
	640										

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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. I hereby certify that the information

Mayte Reyes 7/7/2022 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.

FEBRUARY 2, 2021

Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCRO MEX/C ZEW 9 R PATESSIONA

Certificate No. CHAD HARCROW 17777

22-411 DRAWN BY: AH

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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Phone: (505) 334-6178 Fax: (505) 334-6170 DISTRICT IV 1220 S. ST. FRANCIS DR., SANTA FE, NM 67505 Phone: (505) 476-3460 Fax: (505) 476-3462

 \square AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-49957	Pool Code 96553	OJO CHISO;BONE SPRING		
Property Code	Prop. YEAH YEAH	Well Number 603H		
OGRID No. 229137	-	ator Name RATING, LLC	Elevation 3588.6'	

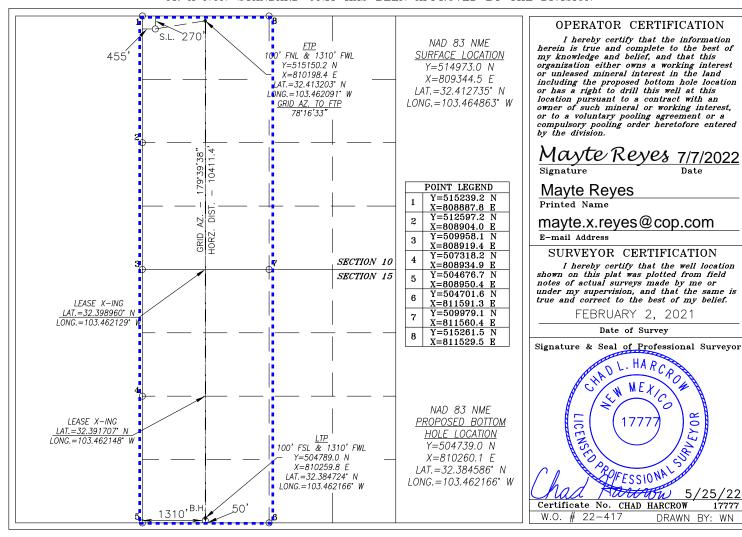
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	22-S	34-E		270	NORTH	455	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	22-5	34-E		50	SOUTH	1310	WEST	LEA
Dedicated Acres	s Joint o	r Infill	Consolidation (Code Or	der No.				
640									

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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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□ AMENDED REPORT

WELL LOCATION AND	ACREAGE	DEDICATION	PLAT
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API Number	Pool Code	Pool Name		
30-025-49958	96553	96553 Ojo Chiso; Bone		
Property Code		Property Name	Well Number	
	YEAH YE	604H		
OGRID No.		Operator Name	Elevation	
229137	COG O	PERATING, LLC	3587.8'	

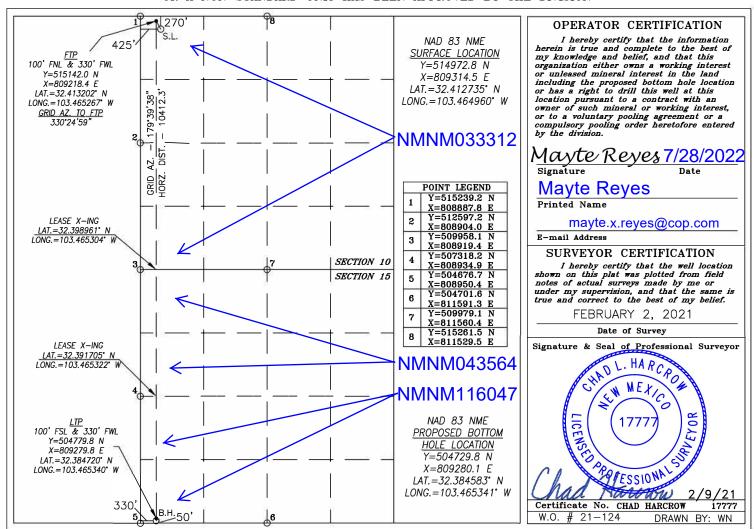
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	10	22-S	34-E		270	NORTH	425	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
М	15	22-5	34-E		50	SOUTH	330	WEST	LEA
Dedicated Acre	s Joint o	r Infill	Consolidation (Code Or	der No.				
640									

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State of New Mexico Energy, Minerals & Natural Resources Department CONSERVATION DIVISION

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

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□ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name		
30-025-	96553	Ojo Chiso; Bone Spring		
Property Code	Prope	erty Name	Well Number	
	YEAH YEAH	FEDERAL COM	607H	
OGRID No.	Opera	ator Name	Elevation	
229137	COG OPE	RATING, LLC	3596.5'	

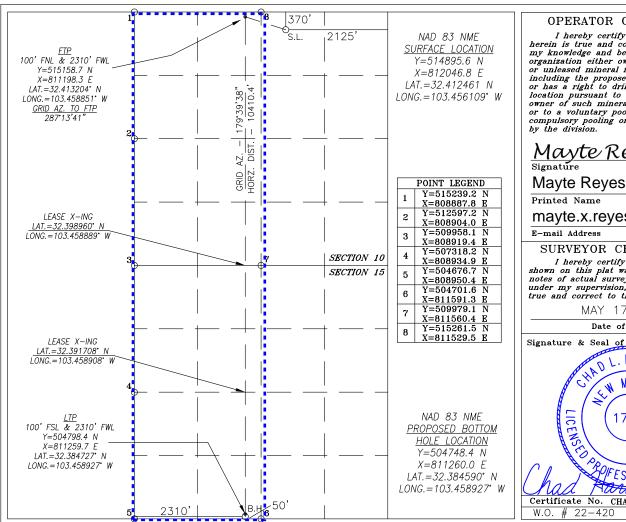
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
В	10	22-S	34-E		370	NORTH	2125	EAST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Townsh	ip	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	22-	S	34-E		50	SOUTH	2310	WEST	LEA
Dedicated Acre	s Joint o	r Infill	Cor	nsolidation (Code Or	der No.		•		
640										

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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. I hereby certify that the information

Mayte Reves 7/28/2022 Date

mayte.x.reyes@cop.com

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.

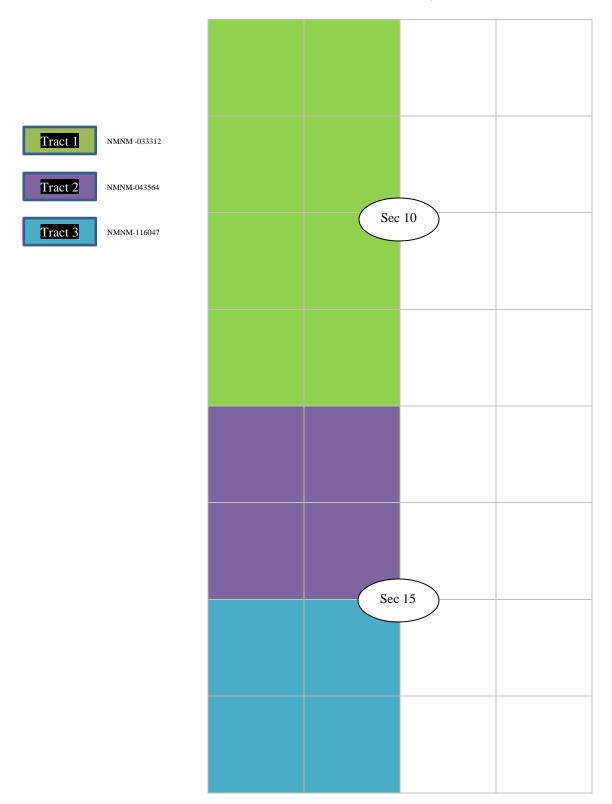
MAY 17, 2022

Date of Survey

Signature & Seal of Professional Surveyor

CHAD L. HARCRO MEX/C 0R 29/FESSIONA 5/26/22 Certificate No. CHAD HARCROW 17777 DRAWN BY: WN

Yeah Yeah W2 Unit T22S-R34E-Section 10: W2 & Section 15: W2 LEA COUNTY, NM



Yeah Yeah W2 Unit T22S-R34E-Section 10: W2 & Section 15: W2 LEA COUNTY, NM

Unit Working Interest

COG Operating, LLC	88.281250%
BTA Oil Producers, LLC	6.250000%
Alpha Energy Partners, LLC	2.583330%
Larry T. Long	1.56250%
Wildcat Energy, LLC	.781250%
Rhonda Pace Estate	.270834%
Aleyna N. Pace	.067709%
Tara N. Pace	.067709%
Clinton Pace	.067709%
Ryan Pace	.067709%
Total	100.000000%

<u>Tract 1 – W2 of Section 10 – T22S-R34E</u>

COG Operating, LLC	100.00000%
Total	100.000000%

Tract 2 – NW of Section 15 – T22S-R34E

Total	100.000000%
Ryan Pace	.270834%
Clinton Pace	.270834%
Tara N. Pace	.270834%
Aleyna N. Pace	.270834%
Rhonda Pace Estate	1.083335%
Wildcat Energy LLC	3.125000 %
Larry T. Long	6.250000%
Alpha Energy Partners, LLC	10.333333%
BTA Oil Producers, LLC	25.000000%
COG Operating, LLC	53.125000%

<u>Tract 3 – SW of Section 15 – T22S-R34E</u>

COG Operating, LLC	100.00000%
Total	100.000000%

Pooling Notification List

Working Interest Owners

Larry T. Long P.O. Box 3096 Kilgore, TX 75663

Tara N. Pace, a minor c/o Nuray K. Pace 15 Maroon Creek Court The Woodlands, TX 77389

Aleyna N. Pace, a minor c/o Nuray K. Pace 15 Maroon Creek Court The Woodlands, TX 77389

Overriding Royalty Interest Owners

Monty D McLane 4841 Rustic Trail Midland, TX 79707

Karen R. McLane 4841 rustic Trail Midland, TX 79707

Alan Jochimsen 4209 Cardinal Ln Midland, TX 79707

Scott W. Tanberg 2509 Legacy Oaks Midland, TX 79705

Robert E. Landreth 110 W. Louisiana St, Suite 404 Midland, TX 79701

Donna P. Landreth 110 W. Louisiana St, Suite 404 Midland, TX 79701

Phillip L. White P.O. Box 25968 Albuquerque, NM 87125

Douglas Investments Inc. P.O. Box 79148 Saginaw, TX 76179

GGM Exploration Inc. P.O. Box 470698 Fort Worth, TX 76147

McMullen Minerals, LLC 2821 W. 7th St, Suite 515 Fort Worth, TX 76107 Misty Morning Partnership, LLC 1645 Fox Ln Burleson, TX 76028

Panther City Exploration Company, LLC 307 W. 7th St, Suite 810 Fort Worth, TX 76102

Pegasus Resources, LLC P.O. Box 470698 Fort Worth, TX 76147



ConocoPhillips 600 W. Illinois Ave. Midland, TX 79701 www.conocophillips.com

5/16/2022

Larry T. Long P.O. Box 3096 Kilgore, TX 75663

Via Fedex, Return Receipt Requested

Re: Well Proposal- Yeah Yeah Federal Com Wells

Township 22 South, Range 34 East, N.M.P.M.

Section 10: W/2 Section 15: W/2 640.00 Acres, more or less Lea 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 within a proposed horizontal well spacing unit dedicated to the W/2 of Section 10 and W/2 of Section 15, T22S-R34E Lea County, New Mexico (collectively, the "Operation"). The surface locations will be located in the N/2NW/4 of Section 10, T22S-R34E (or another legal location chosen by Operator).

- Yeah Yeah Federal Com #504H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 10,315 feet. The estimated surface hole location for this well is proposed at approximately 270' FNL, 835' FWL (Unit Letter D) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 1,375' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 1,375' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 1,375' FWL (Unit Letter N) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$8,985,964.50, as shown on the attached Authority for Expenditure ("AFE").
- Yeah Yeah Federal Com #505H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 10,100 feet. The estimated surface hole location for this well is proposed at approximately 270' FNL, 805' FWL (Unit Letter D) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 660' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 660' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 660' FWL (Unit Letter M) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$8,985,964.50, as shown on the attached Authority for Expenditure ("AFE").

COG Operating LLC Case No. 22927 Exhibit A-4

- Yeah Yeah Com #602H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 10,100 feet. The estimated surface hole location for this well is proposed at approximately 370' FNL, 1,915' FEL (Unit Letter B) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 2,090' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 2,090' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 2,090' FWL (Unit Letter N) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$8,985,964.50, as shown on the attached Authority for Expenditure ("AFE").
- Yeah Yeah Com #603H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 11,220 feet. The estimated surface hole location for this well is proposed at approximately 270' FNL, 455' FWL (Unit Letter D) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 1,310' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 1,310' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 1,310' FWL (Unit Letter M) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$9,910,964.50, as shown on the attached Authority for Expenditure ("AFE").
- Yeah Yeah Com #604H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 11,150 feet. The estimated surface hole location for this well is proposed at approximately 270' FNL, 425' FWL (Unit Letter D) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 330' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 330' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 330' FWL (Unit Letter M) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$9,910,964.50, as shown on the attached Authority for Expenditure ("AFE").
- Yeah Yeah Com #607H, to be drilled to a depth sufficient to test the Bone Spring formation at an approximate total vertical depth of 11,150 feet. The estimated surface hole location for this well is proposed at approximately 370' FNL, 2,125' FEL (Unit Letter B) of Section 10 or a legal location in Section 10. The first take point for this well is estimated at approximately 100' FNL, 2,310' FWL of Section 10, and the last take point is estimated at approximately 100' FSL, 2,310' FWL of Section 15. The estimated bottom hole location for this well is proposed at approximately 50' FSL, 2,310' FWL (Unit Letter N) of Section 15 or a legal location in Section 15. The dedicated horizontal spacing unit will be the W/2 of Section 10 and W/2 of Section 15, T22S-R34E, Lea County, New Mexico. The total estimated cost to drill and complete said well is \$9,910,964.50, as shown on the attached Authority for Expenditure ("AFE").

COG is proposing these wells under the terms of a new Operating Agreement which is included for your review and approval. It has the following general provisions:

- 100%/300% Non-Consenting Penalty;
- \$8000 Drilling and \$800 Producing Rate; and
- COG Operating LLC named as Operator.

If you do not wish to participate, COG would like to discuss term assigning your interest in the contract area under the following indicative terms, subject to final management approval:

- Two Year Primary Term;
- \$5,000/net acre bonus, with an effective NRI of 80%, delivered to assignee; and
- ORRI reserved by Assignor of the positive difference, if any, between existing burdens and 20%.

Please indicate your desire to term assign your Working Interest to COG by contacting me at the email or telephone number below. The offer for term assignment will expire on June 16th, 2022, unless extended by COG prior to that date.

In the interest of time, if we do not reach an agreement within 30 days of the date of this letter, COG will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

Please indicate your participation elections in the spaces provided below, sign, and return this letter, along with a signed copy of the enclosed AFEs and a copy of your geologic requirements, to my attention at the letterhead address or by email to mackayla.stone@conocophillips.com.

If you have any questions, please do not hesitate to contact me at 432-253-8695

Sincerely,

COG Operating LLC

Mackayla Stone Land Negotiator Mackayla.Stone@conocophillips.com

	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #504H I/We hereby elect not to participate in the drilling and completion of the
	Yeah Yeah Federal Com #504H
	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #505H I/We hereby elect not to participate in the drilling and completion of the Yeah Yeah Federal Com #505H
	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #602H I/We hereby elect not to participate in the drilling and completion of the Yeah Yeah Federal Com #602H
	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #603H I/We hereby elect not to participate in the drilling and completion of the Yeah Yeah Federal Com #603H
	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #604H I/We hereby elect <u>not</u> to participate in the drilling and completion of the Yeah Yeah Federal Com #604H
	I/We hereby elect to participate in the drilling and completion of the Yeah Yeah Federal Com #607H I/We hereby elect <u>not</u> to participate in the drilling and completion of the Yeah Yeah Federal Com #607H
Ву:	
Name:	
Title:	
Date:	



This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.

Well Name	Yeah Yeah Federal Com 504H
Job Type	Drill (Ver)

 State
 New Mexico - 30

 County/Parish
 Lea - 025

		Grand Total			
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities	
A000: CASING & TUBING	\$774,000.00		\$60,000.00		
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$65,000.00	\$10,000.00	\$44,000.00		
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20	
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20	
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00		
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$232,000.00	\$806,000.00			
G000: FLUID AND CHEMICALS SERVICES	\$89,775.00	\$25,000.00			
H000: DIRECTIONAL DRILLING / MWD / LWD	\$239,800.00				
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$303,540.00				
K000: FORMATION EVALUATION	\$30,000.00				
M000: COMPLETION & TESTING		\$10,000.00			
N000: FORMATION STIMULATION & TREATING		\$2,117,000.00			
O000: CERTIFICATION, INSPECT, CONTROL & TEST					
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$2,500.00	\$19,500.00		
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$214,225.00	\$488,000.00	\$11,550.00		
R000: BITS & MILLS	\$83,000.00				
S000: SPECIAL SERVICES	\$100,500.00	\$291,000.00	\$6,100.00		
T000: MISCELLANEOUS	\$314,450.00	\$141,500.00	\$36,000.00	\$81,084.30	
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00		
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00		
W000: GENERAL FEES	\$42,500.00		\$8,000.00		
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80	
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$77,000.00	\$85,000.00			
Grand Total	\$3,554,990.00	\$4,329,500.00	\$348,750.00	\$752,724.50	

		Grand Tota	I (\$)			3,985,964.50	
Approved By:				Date			
Last Edited By	Cameron Smith				Approved By		Cameron Smith
Last Edited Date	May 16, 2022				Approved Date		May 16, 2022



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Well Name	Yeah Yeah Federal Com 505H
Job Type	Drill (Ver)

State New Mexico - 30

County/Parish Lea - 025

	Grand Total				
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities	
A000: CASING & TUBING	\$774,000.00		\$60,000.00		
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$65,000.00	\$10,000.00	\$44,000.00		
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20	
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20	
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00		
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$232,000.00	\$806,000.00			
G000: FLUID AND CHEMICALS SERVICES	\$89,775.00	\$25,000.00			
H000: DIRECTIONAL DRILLING / MWD / LWD	\$239,800.00				
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$303,540.00				
K000: FORMATION EVALUATION	\$30,000.00				
M000: COMPLETION & TESTING		\$10,000.00			
N000: FORMATION STIMULATION & TREATING		\$2,117,000.00			
O000: CERTIFICATION, INSPECT, CONTROL & TEST					
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$2,500.00	\$19,500.00		
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$214,225.00	\$488,000.00	\$11,550.00		
R000: BITS & MILLS	\$83,000.00				
S000: SPECIAL SERVICES	\$100,500.00	\$291,000.00	\$6,100.00		
T000: MISCELLANEOUS	\$314,450.00	\$141,500.00	\$36,000.00	\$81,084.30	
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00		
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00		
W000: GENERAL FEES	\$42,500.00		\$8,000.00		
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80	
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$77,000.00	\$85,000.00			
Grand Total	\$3,554,990.00	\$4,329,500.00	\$348,750.00	\$752,724.50	

		Grand Total (\$)		8	3,985,964.50	
Approved By:			Date			
Last Edited By	Cameron Smith			Approved By	C	Cameron Smith
Last Edited Date	May 16, 2022	1		Approved Date		May 16, 2022



This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.

Well Name	Yeah Yeah Federal Com 602H
Job Type	Drill (Ver)

 State
 New Mexico - 30

 County/Parish
 Lea - 025

	Grand Total			
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities
A000: CASING & TUBING	\$774,000.00		\$60,000.00	
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$65,000.00	\$10,000.00	\$44,000.00	
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00	
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$232,000.00	\$806,000.00		
G000: FLUID AND CHEMICALS SERVICES	\$89,775.00	\$25,000.00		
H000: DIRECTIONAL DRILLING / MWD / LWD	\$239,800.00			
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$303,540.00			
K000: FORMATION EVALUATION	\$30,000.00			
M000: COMPLETION & TESTING		\$10,000.00		
N000: FORMATION STIMULATION & TREATING		\$2,117,000.00		
O000: CERTIFICATION, INSPECT, CONTROL & TEST				
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$2,500.00	\$19,500.00	
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$214,225.00	\$488,000.00	\$11,550.00	
R000: BITS & MILLS	\$83,000.00			
S000: SPECIAL SERVICES	\$100,500.00	\$291,000.00	\$6,100.00	
T000: MISCELLANEOUS	\$314,450.00	\$141,500.00	\$36,000.00	\$81,084.30
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00	
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00	
W000: GENERAL FEES	\$42,500.00		\$8,000.00	
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$77,000.00	\$85,000.00		
Grand Total	\$3,554,990.00	\$4,329,500.00	\$348,750.00	\$752,724.50

		Grand Total (\$)		8	3,985,964.50	
Approved By:			Date			
Last Edited By	Cameron Smith			Approved By	C	Cameron Smith
Last Edited Date	May 16, 2022	1		Approved Date		May 16, 2022



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Well Name	Yeah Yeah Federal Com 603H
Job Type	Drill (Ver)

State New Mexico - 30

County/Parish	Lea - 025	

	Grand Total				
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities	
A000: CASING & TUBING	\$1,179,000.00		\$60,000.00		
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$70,000.00	\$10,000.00	\$44,000.00		
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20	
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20	
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00		
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$167,000.00	\$988,000.00			
G000: FLUID AND CHEMICALS SERVICES	\$205,485.00	\$25,000.00			
H000: DIRECTIONAL DRILLING / MWD / LWD	\$311,300.00				
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$269,470.00				
K000: FORMATION EVALUATION	\$44,000.00				
M000: COMPLETION & TESTING		\$10,000.00			
N000: FORMATION STIMULATION & TREATING		\$2,264,000.00			
O000: CERTIFICATION, INSPECT, CONTROL & TEST					
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$2,500.00	\$19,500.00		
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$256,025.00	\$481,000.00	\$11,550.00		
R000: BITS & MILLS	\$115,000.00				
S000: SPECIAL SERVICES	\$102,500.00	\$291,000.00	\$6,100.00		
T000: MISCELLANEOUS	\$317,450.00	\$141,500.00	\$36,000.00	\$81,084.30	
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00		
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00		
W000: GENERAL FEES	\$42,500.00		\$8,000.00		
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80	
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$82,000.00	\$92,000.00			
Grand Total	\$4,150,930.00	\$4,658,500.00	\$348,750.00	\$752,724.50	

				,		
		Grand Total (\$)		9	9,910,904.50	
Approved By:			Date			
Last Edited By	Cameron Smith			Approved By	C	Cameron Smith
Last Edited Date	May 16, 2022			Approved Date		May 16, 2022



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Well Name	Yeah Yeah Federal Com 604H
Job Type	Drill (Ver)

 State
 New Mexico - 30

 County/Parish
 Lea - 025

	Grand Total				
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities	
A000: CASING & TUBING	\$1,179,000.00		\$60,000.00		
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$70,000.00	\$10,000.00	\$44,000.00		
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20	
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20	
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00		
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$167,000.00	\$988,000.00			
G000: FLUID AND CHEMICALS SERVICES	\$205,485.00	\$25,000.00			
H000: DIRECTIONAL DRILLING / MWD / LWD	\$311,300.00				
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$269,470.00				
K000: FORMATION EVALUATION	\$44,000.00				
M000: COMPLETION & TESTING		\$10,000.00			
N000: FORMATION STIMULATION & TREATING		\$2,264,000.00			
O000: CERTIFICATION, INSPECT, CONTROL & TEST					
P000: TRANSPORTATION SUPPLY & DISPOSAL		\$2,500.00	\$19,500.00		
Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$256,025.00	\$481,000.00	\$11,550.00		
R000: BITS & MILLS	\$115,000.00				
S000: SPECIAL SERVICES	\$102,500.00	\$291,000.00	\$6,100.00		
T000: MISCELLANEOUS	\$317,450.00	\$141,500.00	\$36,000.00	\$81,084.30	
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00		
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00		
W000: GENERAL FEES	\$42,500.00		\$8,000.00		
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80	
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$82,000.00	\$92,000.00			
Grand Total	\$4,150,930.00	\$4,658,500.00	\$348,750.00	\$752,724.50	

		Grand Total (\$)		9,910,9	04.50
Approved By:			Date		
et Editod By	Cameron Smith			Approved By	Cameron Smith

Last Edited By Last Edited Date Cameron Smith May 16, 2022 Approved By Cameron Smith
Approved Date May 16, 2022



This document contains proposed and estimated project cost information which is proprietary and confidential to ConocoPhillips.

Well Name	Yeah Yeah Federal Com 607H
Job Type	Drill (Ver)

 State
 New Mexico - 30

 County/Parish
 Lea - 025

	Grand Total				
Cost Feature Group	Drilling	Completions	Pumping Equipment	Facilities	
A000: CASING & TUBING	\$1,179,000.00		\$60,000.00		
B000: WELLHEAD, XMAS TREE, AND ASST EQUIPT	\$70,000.00	\$10,000.00	\$44,000.00		
C000: COMPLETION EQUIPMENT & OTHER			\$117,500.00	\$641,247.20	
D000: LOCATION (WELLSITE RELATED)	\$188,500.00	\$5,000.00	\$4,000.00	\$27,216.20	
E000: RIGS & RIG RELATED	\$795,000.00		\$18,600.00		
F000: DRILLING & COMPLETION UTILITIES (ALL)	\$167,000.00	\$988,000.00			
G000: FLUID AND CHEMICALS SERVICES	\$205,485.00	\$25,000.00			
H000: DIRECTIONAL DRILLING / MWD / LWD	\$311,300.00				
J000: CEMENTING MATERIALS, SERVICES, AND CSG ACCS	\$269,470.00				
K000: FORMATION EVALUATION	\$44,000.00				
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Q000: DRLG TOOLS & EQPT RNTAL W/WO OPR	\$256,025.00	\$481,000.00	\$11,550.00		
R000: BITS & MILLS	\$115,000.00				
S000: SPECIAL SERVICES	\$102,500.00	\$291,000.00	\$6,100.00		
T000: MISCELLANEOUS	\$317,450.00	\$141,500.00	\$36,000.00	\$81,084.30	
U000: PERFORATING & SLICKLINE SERVICES		\$321,000.00	\$8,500.00		
V000: ENG & CONSTRUCTION(E&C), CONSLT, R&D			\$15,000.00		
W000: GENERAL FEES	\$42,500.00		\$8,000.00		
X000: CONOCOPHILLIPS LABOR & OVERHEAD	\$5,700.00	\$27,500.00		\$3,176.80	
Y000: TOTALS, CONTINGENCY & MISCELLANEOUS	\$82,000.00	\$92,000.00			
Grand Total	\$4,150,930.00	\$4,658,500.00	\$348,750.00	\$752,724.50	

		Grand Total (\$)		9,	910,904.50
Approved By:			Date		
Last Edited By	Cameron Smith			Approved By	Cameron Smitl
Last Edited Date	May 16, 2022			Approved Date	May 16, 2022

Name/Address	Proposal Mailed	Delivered	30th day		Election	Communication
Larry T. Long	5/16/2022	5/18/2022	6/16/2022	Pool		
P.O. Box 3096 Kilgore, TX 75663	3,10,2022	3) 18) 2022	0)10)2022			called (903)984-8005 and (903)984-5017 on 6/6 at 10:36am; a lady answered and forwarded me to a lady name Jessica who told me Long received the proposals and had no questions that she's aware. I asked to speak to Long and was told I couldn't and that he's not interested in signing the OA.
BTA Oil Producers, LLC 104 S. Pecos Street Midland, TX 79701- 5021	5/16/2022	5/17/2022	6/16/2022	Pool		Rex Barker emailed with some questions on 5/20. I responded with answers on 5/23. Checkd in on 6/14 to see if he had any more questions. He responded the same day and said BTA intends to elect to participate under the OA and that he would be reviewing the OA and will get back to me. BTA was interested in a trade but said if that doesn't work they will still sign the OA. Trade fell through. Emailed 7/21 checking in on if they're still planning to sign the OA. Didn't recieve a response. Called on 7/28 but the landman I've been working with is out of the office and was out of the office last week. Was told the land manager would call me to discuss. Still waiting on the call.

COG Operating LLC Case No. 22927 Exhibit A-5

Tara N. Pace, a minor c/o Nuray K. Pace 15 Maroon Creek Court The Woodlands, TX 77389	5/17/2022	6/16/2022	Pool	Talked with guardian, Nuray Pace on 5/20 she said they will not sing an OA but would pssobily Term Assign. Called her again 5/23 to discuss. She said she would call be back 5/24. Talked w/ her on 5/27
Aleyna N. Pace, a minor c/o Nuray K. Pace 15 Maroon Creek Court The Woodlands, TX 77389	5/17/2022	6/16/2022		and requested some more info surrounding her guardianship peramiters. Talked with her again 6/2 and she said they will be leaving the country and won't be back until August so they won't execute a Term Assignment.

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

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

CASE NOS. 22926, 22927

SELF-AFFIRMED STATEMENT OF WILLIAM SCHELLENBACH

- I am a geologist for COG Operating LLC ("COG") and am over 18 years of age. I
 have personal knowledge of the matters addressed herein and am competent to provide this SelfAffirmed Statement.
- 2. I have not previously testified before the New Mexico Oil Conservation Division ("Division"). I hold a Master's Degree in Geology from New Mexico State University and have worked as a petroleum geologist for approximately nine years.
 - 3. I am familiar with the geological matters that pertain to these cases.
- 4. Exhibit B-1 is a location map for the proposed horizontal spacing units ("Unit") within the Second Bone Spring formation. The approximate wellbore paths for the proposed Yeah Yeah Federal Com #501H well, Yeah Yeah Federal Com #502H well, Yeah Yeah Federal Com #503H well, Yeah Yeah Federal Com #504H, Yeah Yeah Federal Com #505H, Yeah Yeah Federal Com #601H well, and Yeah Yeah Federal Com #602H well ("Second Bone Spring Wells") are represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines.
- 5. Exhibit B-2 is a location map for the Units within the Third Bone Spring formation.

 The approximate wellbore paths for the proposed Yeah Yeah Federal Com #603H, Yeah Yeah

 Federal Com #604H, Yeah Yeah Federal Com #605H, Yeah Yeah Federal Com #606H, Yeah

Yeah Federal Com #607H ("Third Bone Spring Wells") are represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines.

- 6. **Exhibit B-3** is a subsea structure map for the top of the Second Bone Spring formation that is representative of the targeted interval within the formation. The data points are indicated by gray squares. The approximate wellbore paths for the Second Bone Spring Wells are depicted by dashed lines. The map demonstrates the formation is gently dipping to the south in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.
- 7. **Exhibit B-4** is a cross section map that identifies three wells penetrating the Second Bone Spring formation that I used to construct a stratigraphic cross-section from A to A'. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area.
- 8. **Exhibit B-5** is a stratigraphic cross-section using the representative wells identified on **Exhibit B-4**. It contains gamma ray, resistivity and porosity logs. The proposed landing zone for the Second Bone Spring Wells is labeled on the exhibit. This cross-section demonstrates the target interval is continuous across the Unit.
- 9. **Exhibit B-6** is a subsea structure map for the top of the Third Bone Spring formation that is representative of the targeted interval within the formation. The data points are indicated by gray squares. The approximate wellbore paths for the Third Bone Spring Wells are depicted by dashed lines. The map demonstrates the formation is gently dipping to the south in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

- Exhibit B-7 is a cross section map that identifies three wells penetrating the Third 10. Bone Spring formation that I used to construct a stratigraphic cross-section from B to B'. I used these well logs because they penetrate the targeted interval, are of good quality, and are representative of the geology in the area.
- Exhibit B-8 is a stratigraphic cross-section using the representative wells identified 11. on Exhibit B-7. It contains gamma ray, resistivity and porosity logs. The proposed landing zone for the Third Bone Spring Wells is labeled on the exhibit. This cross-section demonstrates the target interval is continuous across the Unit.
- In my opinion, a standup orientation for the Wells is appropriate to properly 12. develop the subject acreage because of consistent rock properties throughout the Unit and the lack of preferred fracture orientation in this portion of the trend.
- Based on my geologic study of the area, the targeted interval underlying the Units 13. is suitable for development by horizontal wells and the tracts comprising the Units will contribute more or less equally to production.
- In my opinion, the granting of COG's application will serve the interests of 14. conservation, the protection of correlative rights, and the prevention of waste.
- The attached exhibits were either prepared by me or under my supervision or were 15. compiled from company business records.
- I understand this Self-Affirmed Statement will be used as written testimony in this 16. case. I affirm my testimony contained herein 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.

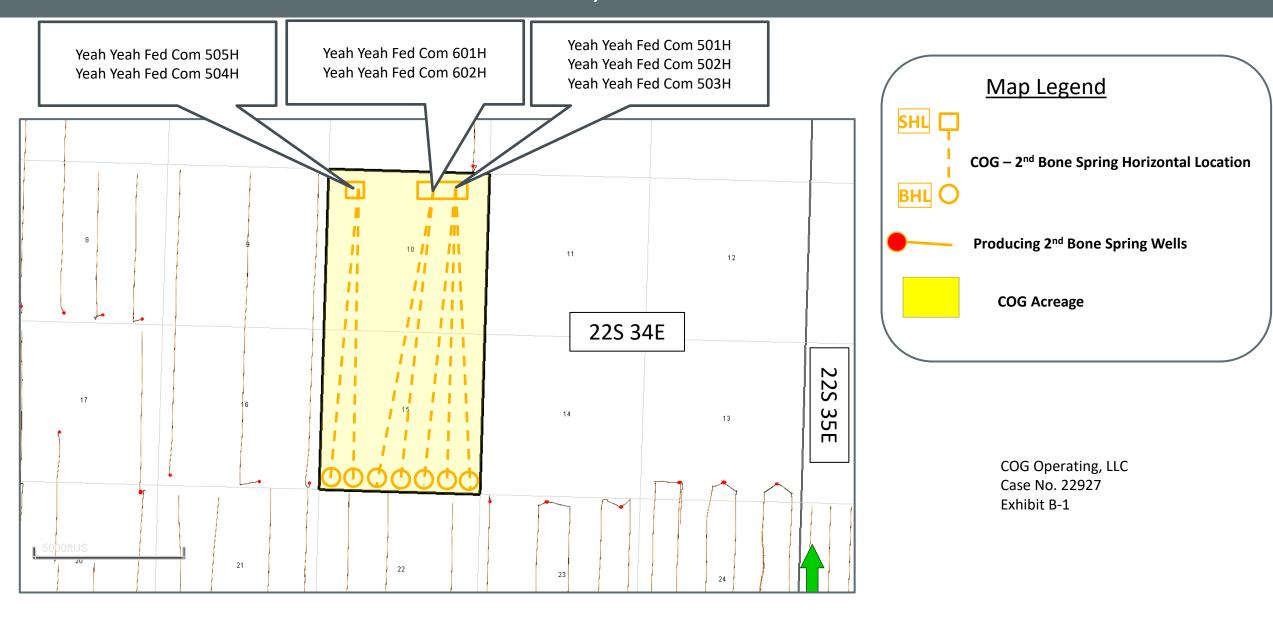
Received by OCD: 8/2/2022 4:34:17 PM

Received by OCD: 8/2/2022 4:34:17 PM

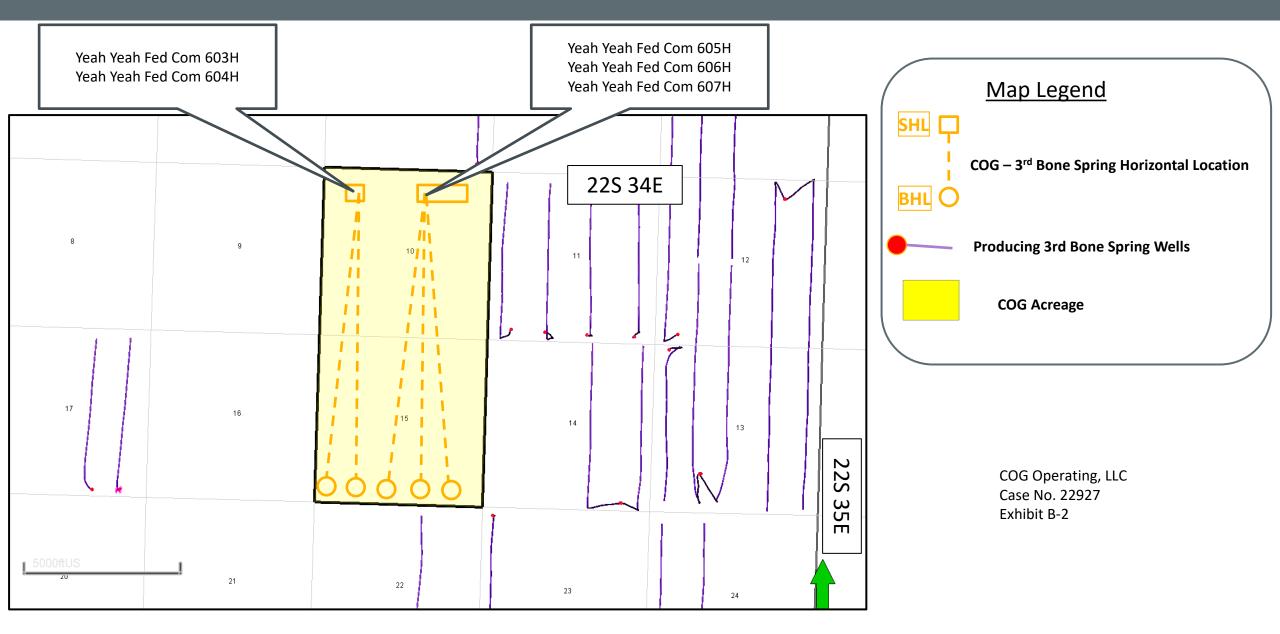
William Schellenbach

 $\frac{7/38/3a}{\text{Date}}$

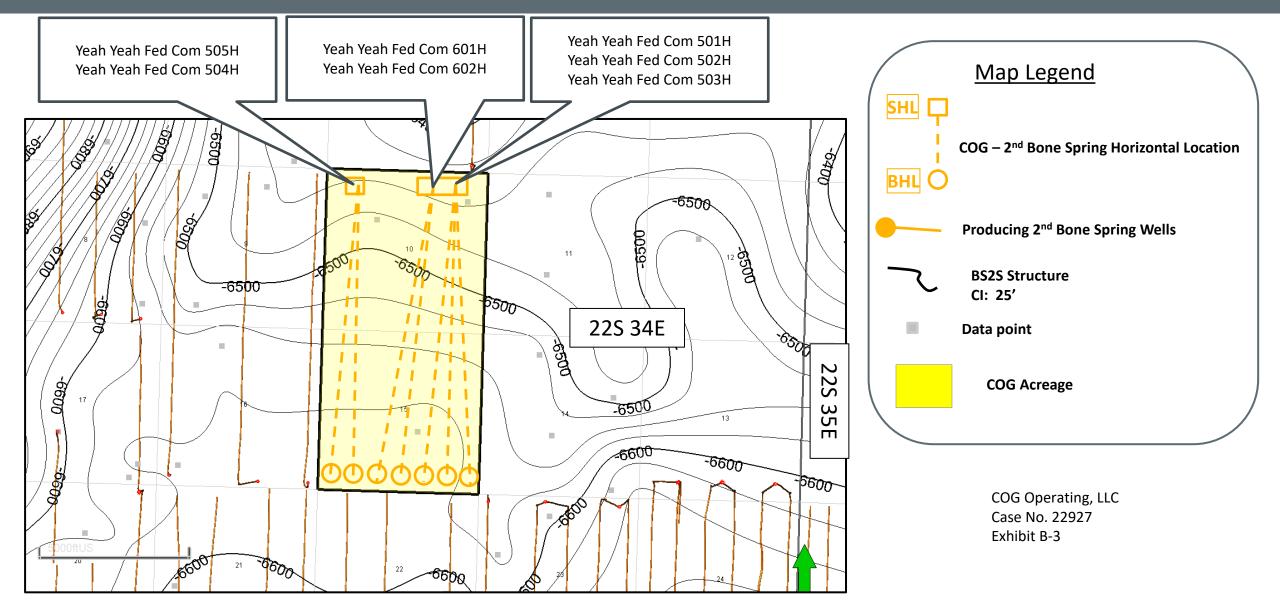
Yean Yean Fed Com 501H – 505H, 601H – 602H



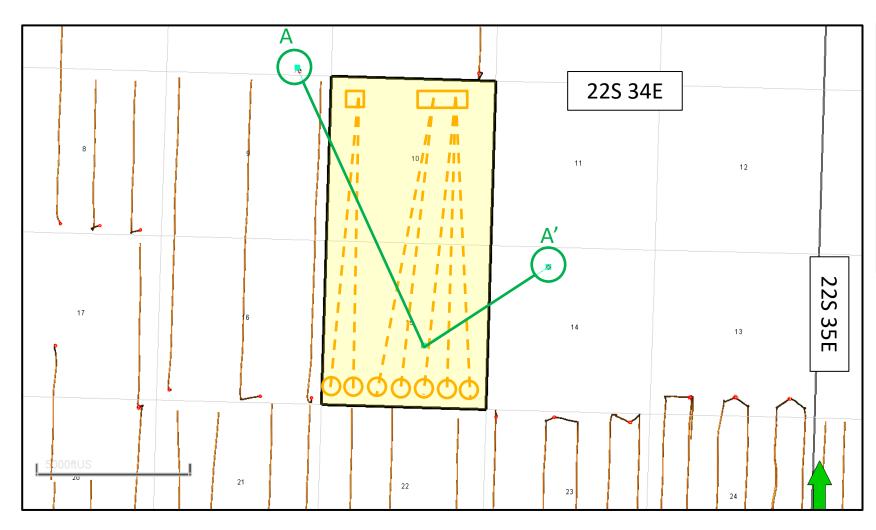
Yeah Yeah Fed Com 603H – 607H

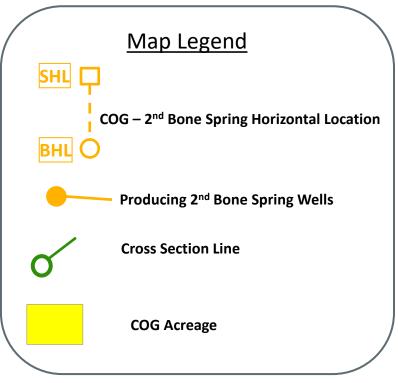


Yean Yean Fed Com— Second Bone Spring Sand Structure Map (SSTVD)



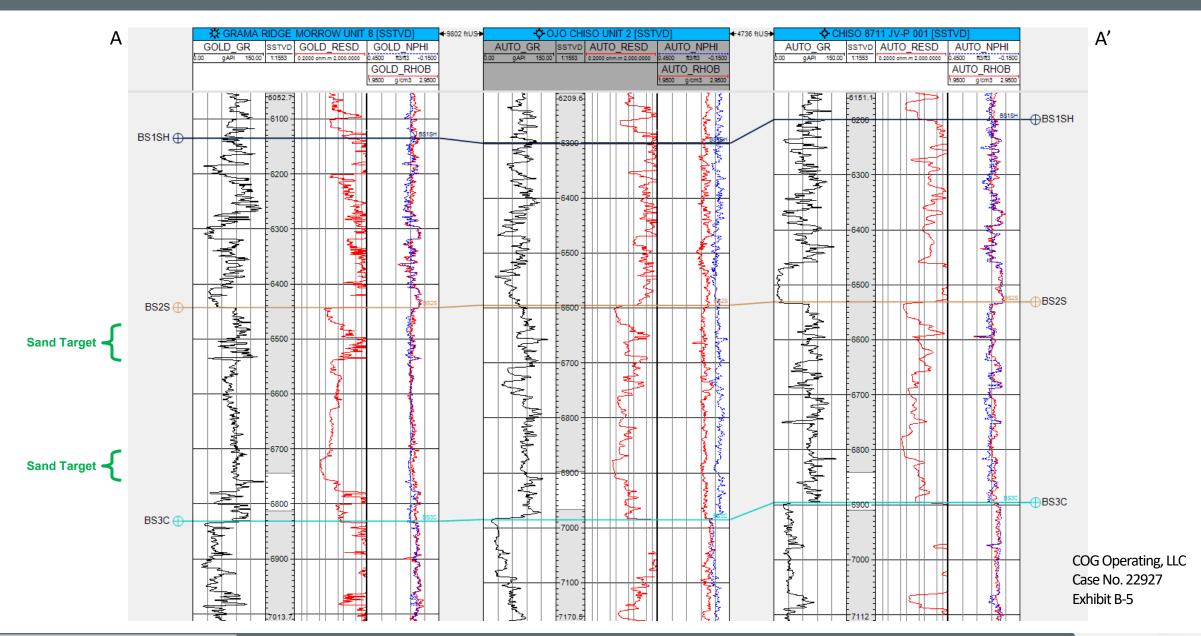
Yean Yean Fed Com – Cross Section Map



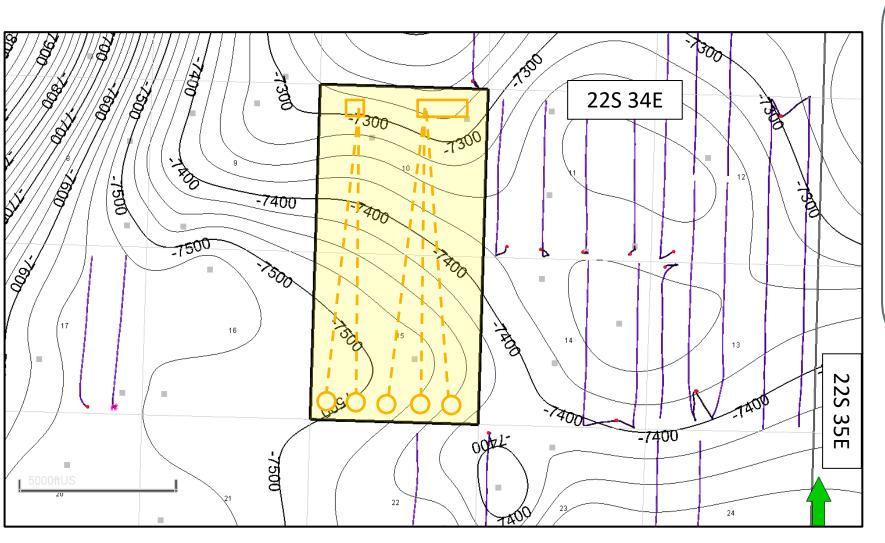


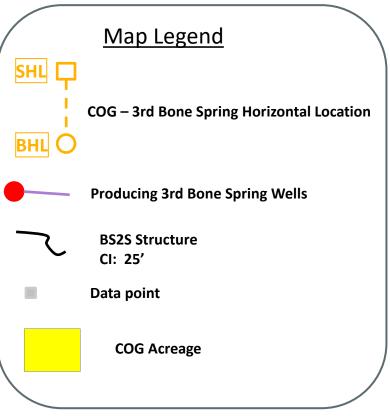
COG Operating, LLC Case No. 22927 Exhibit B-4

Yeah Yeah Fed Com – Cross Section A – A'



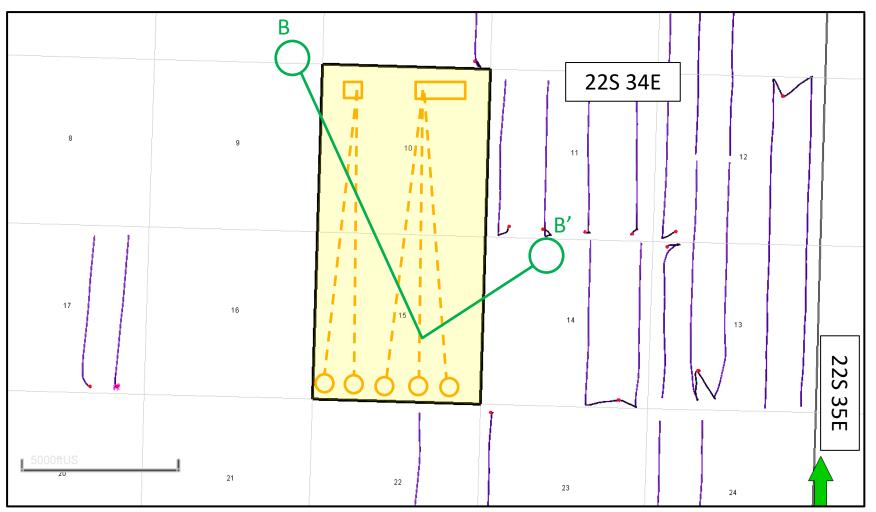
Yeah Yeah Fed Com Third Bone Spring Structure Map (SSTVD)

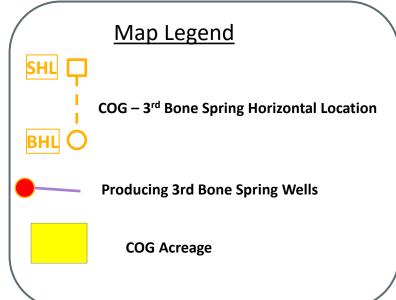




COG Operating, LLC Case No. 22927 Exhibit B-6

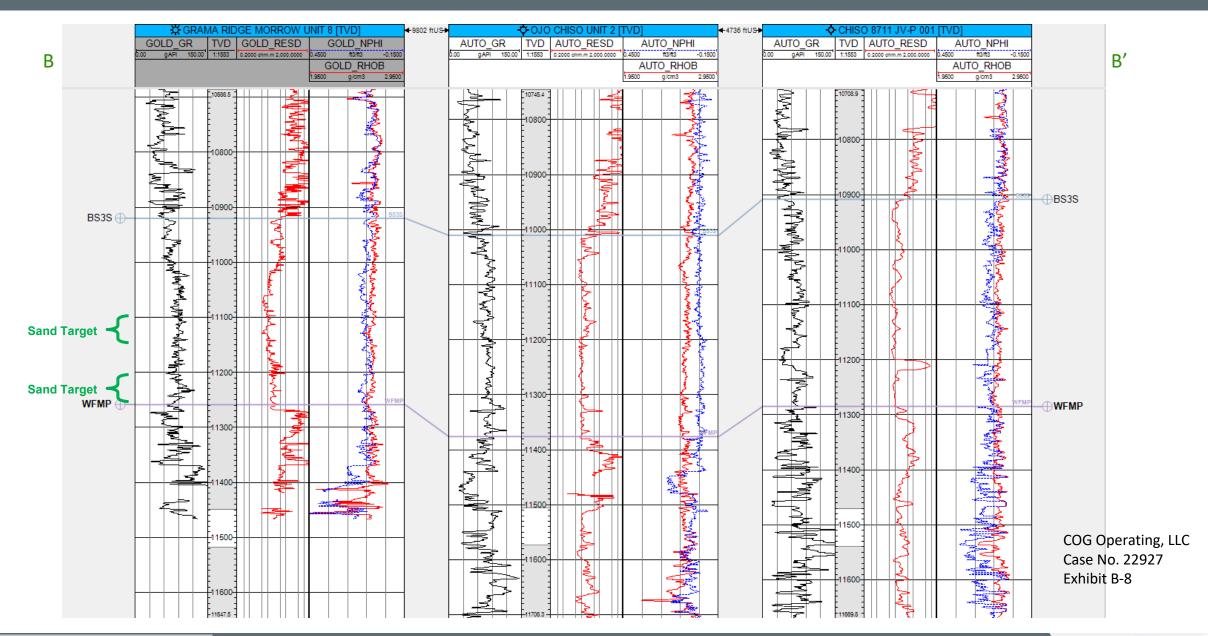
Yean Yean Fed Com – Cross Section Map





COG Operating, LLC Case No. 22927 Exhibit B-7

Yeah Yeah Fed Com- Stratigraphic Cross Section B - B'



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

CASE NO. 22927

SELF AFFIRMED STATEMENT OF DANA S. HARDY

- 1. I, Dana S. Hardy, am attorney in fact and authorized representative of COG Operating LLC, the Applicant herein, and being first duly sworn, upon oath, state as follows.
- 2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice Letter to be sent to the parties set out in the chart attached as **Exhibit C-2**.
- 3. The above-referenced Application was provided, along with the Notice Letters, to the recipients listed in Exhibit C-2.
- 4. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.
- 5. 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.
- 6. On July 15, 2022, 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 Hobbs News-Sun, along with a copy of the notice publication, is attached as **Exhibit C-4**.
- 7. 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 under my signature below.

COG Operating LLC Case No. 22927 Exhibit C

/s/ Dana S. Hardy Dana S. Hardy

August 2, 2022 Date



HINKLE SHANOR LLP

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

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

June 28, 2022

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

TO ALL OVERRIDING ROYALTY INTERESTS

Re: Case Nos. 22926 & 22927 - Applications of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **August 4, 2022** beginning at 8:15 a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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

Please do not hesitate to contact me if you have questions about this matter.

Sincerely,
/s/ Dana S. Hardy
Dana S. Hardy

Enclosure

COG Operating LLC Case No. 22927 Exhibit C-1

PO BOX 10

ROSWELL, NEW MEXICO 88202

575-622-6510

(FAX) 575-623-9332

Released to Imaging: 8/2/2022 4:37:55 PM

PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623 7601 JEFFERSON ST NE • SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321



HINKLE SHANOR LLP

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

WRITER:

Dana S. Hardy, Partner dhardy@hinklelawfirm.com

July 6, 2022

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

TO ALL PARTIES ENTITLED TO NOTICE

Re: Case Nos. 22926 & 22927 - Applications of COG Operating, LLC for Compulsory Pooling, Lea County, New Mexico.

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **August 4, 2022** beginning at 8:15 a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: https://www.emnrd.nm.gov/ocd/hearing-info/. You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

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

Please do not hesitate to contact me if you have questions about 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 PO BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623 7601 JEFFERSON ST NE • SUITE 180 ALBUQUERQUE, NEW MEXICO 87109 505-858-8320 (FAX) 505-858-8321

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

CASE NOs. 22926 & 22927

NOTICE LETTER LIST – OVER RIDING ROYALTY INTERESTS

PARTY	NOTICE LETTER SENT	RETURN RECEIVED
Alan Jochimsen, SP	06/28/22	07/07/22
ATTN: Alan Jochimsen		
4209 Cardinal Lane		
Midland, TX 79707-1935		
Deborah Fedric, SP	06/28/22	07/07/22
PO Box 1837		
Roswell, NM 88202-1837		
Deborah Fedric, SP	06/28/22	07/25/22
1 Hillcrest Dr		
Roswell, NM 88201-3920		Return to sender.
		"Vacant."
Douglas Investments, Inc.	06/28/22	07/15/22
3220 North Freeway		
Fort Worth, TX 76111		Return to sender.
		"Insufficient address."
GGM Exploration Inc.	06/28/22	07/15/22
PO Box 123610		
Fort Worth, TX 76121		
GHHunker, LLC	06/28/22	07/06/22
c/o George H. Hunker		
PO Box 524		
Lander, WY 82520		
GHHunker, LLC	06/28/22	07/06/22
c/o George H. Hunker		
2939 Sinks Canyon Rd		
Kander WY 82520		
Donna P. Landreth	06/28/22	07/07/22
110 W. Louisiana St., Suite 404		
Midland, TX 79701		No signature on return.
Robert E. Landreth	06/28/22	07/07/22
110 W. Louisiana St., Suite 404		
Midland, TX 79701		
MKHM Oil, LLC	06/28/22	07/05/22
c/o Margaret Kay Meuse		
3200 N. Tacoma St		
Arlington, VA 22213-1340		

COG Operating LLC Case No. 22927 Exhibit C-2

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

CASE NOs. 22926 & 22927

NOTICE LETTER LIST – OVER RIDING ROYALTY INTERESTS

Karen R. McLane	06/28/22	Per USPS Tracking:
4841 Rustic Trail Midland, TX 79707-1416		07/06/22 Item to be
ivildiand, 121 /5/07 1110		redelivered.
Monty D. McLane	06/28/22	07/25/22
PO Box 9451		
Midland, TX 79708-9451		Return to sender.
Monty D. McLane	06/28/22	Per USPS Tracking:
4841 Rustic Trail		07/06/22 1
Midland, TX 79707-1416		07/06/22 Item to be
McMullen Minerals, LLC	06/28/22	redelivered. 07/05/22
2821 W 7th St Suite 515	00/28/22	07/03/22
Fort Worth, TX 76107		
Mist Morning Partnership, Ltd.	06/28/22	08/01/22
1645 Fox Lane		
Burleson, TX 76028		Return to sender. Not
		deliverable as addressed.
Sammy L Morrison, Trustee of the	06/28/22	07/07/22
Sammy and Sibyl Morrison Mineral		
Trust		
4617 Breezeway Court Midland, TX		
79707 Norton, LLC	06/28/22	07/08/22
ATTN: Judith Norton, Member	00/28/22	07/08/22
Owner		
60 Beach Ave – Bay View		
South Dartmouth, MA 02748		
Panther City Exploration Co., LLC	06/28/22	07/05/22
307 W 7th St., Suite 810		
Fort Worth, TX 76102		
Pegasus Resources, LLC	06/28/22	07/12/22
PO Box 470698		
Fort Worth, TX 76147		

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

CASE NOs. 22926 & 22927

NOTICE LETTER LIST – OVER RIDING ROYALTY INTERESTS

PetroGulf Corporation	06/28/22	Per USPS Tracking:
600 Grant St., Suite 850		
Denver, CO 80203		07/05/22 Item was
		delivered to an individual
		at the address.
States Royalty Limited Partnership	06/28/22	07/05/22
ATTN: Wayne Christian, President		
PO Box 911		
Breckenridge, TX 76424-0911		
States Royalty Limited Partnership	06/28/22	07/05/22
ATTN:Wayne Christian, President		
300 N Breckenridge Ave		
Breckenridge, TX 76424-3506		
Scott W. Tanberg	06/28/22	07/07/22
2509 Legacy Oaks		
Midland, TX 79705-1824		
Phillip L White	06/28/22	Per USPS Tracking:
PO Box 25968		_
Albuquerque, NM 87125		06/29/22 Item picked up
		from post office.

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

CASE NO.s 22926 & 22927

NOTICE LETTER LIST – WORKING INTERESTS

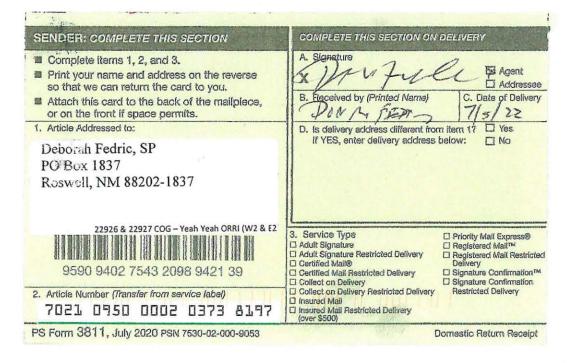
PARTY	NOTICE LETTER SENT	RETURN RECEIVED
BTA Oil Producers, LLC	06/28/22	Per USPS Tracking:
104 South Pecos St		
Midland, TX 88202		07/05/22 In transit to
		next facility.
Larry T. Long	06/28/22	07/08/22
PO Box 3096		
Kilgore, TX 75663		
Aleyna N. Pace	06/28/22	07/05/22
C/O Nuray K. Pace		
15 Maroon Creek Court		
The Woodlands, TX 77389		
Rhonda R. Pace	07/06/22	07/12/22
3920 Merritt Rd		
Sachse, TX 75048-4610		
Tara N. Pace	06/28/22	07/05/22
C/O Nuray K. Pace		
15 Maroon Creek Court		
The Woodlands, TX 77389		
Wildcat Energy, LLC	06/28/22	07/05/22
ATTN: Roger Becker		
PO Box 13323		
Odessa, TX 79768		



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
 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. 	A. Signature B. Received by (Printed Name)	☐ Agent ☐ Addressee ☐ C. Date of Delivery ☐ ☐ — 71
1. Article Addressed to: Alan Jochimsen, SP 4209 Cardinal Lane Midland, TX 79707-1935	D. Is delivery address different from item 1?	
22926 & 22927 COG – Yeah Yeah ORRI (WZ & EZ) 9590 9402 7543 2098 9420 09	3. Service Type Adult Signature Adult Signature Restricted Delivery Certified Mail® Certified Mail® Collect on Delivery Collect on Delivery Restricted Delivery Collect on Delivery Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricter Delivery ☐ Signature Confirmation ☐ Signature Confirmation Restricted Delivery

COG Operating LLC Case No. 22927 Exhibit C-3

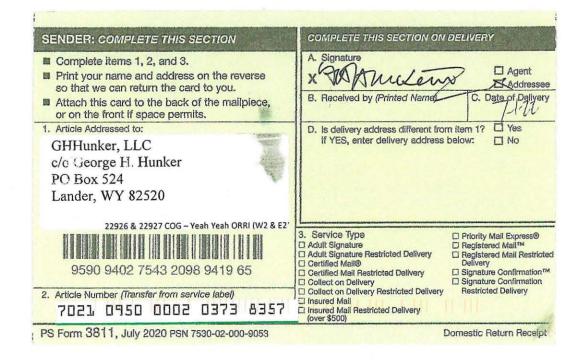
















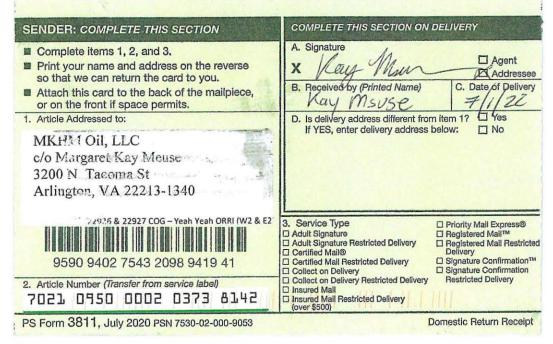


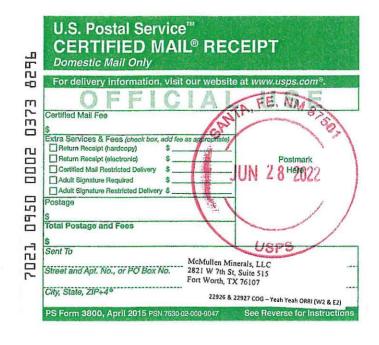
SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY	
Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you.	A. Signature	☐ Agent ☐ Addressee
Attach this card to the back of the malipiece, or on the front if space permits.	B. Received by (Printed Name)	C. Date of Delivery
Article Addressed to:	D. Is delivery address different from item 1? If Yes If YES, enter delivery address below: If No	
Donna P. Landreth		
110 W. Louisiana St, Suite 404		
Midland, TX 79701		
22926 & 22927 COG – Yeah Yeah ORRI (W2 & E2)		
		☐ Priority Mail Express® ☐ Registered Mail™
		Registered Mail Restricted Delivery
9590 9402 7543 2098 9420 30	Certified Mail Restricted Delivery	☐ Signature Confirmation™
Article Number (Transfer from service label)	☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery	☐ Signature Confirmation Restricted Delivery
7021 0950 0002 0373 8265	☐ Insured Mall ☐ Insured Mail Restricted Delivery (over \$500)	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Do	mestic Return Receipt

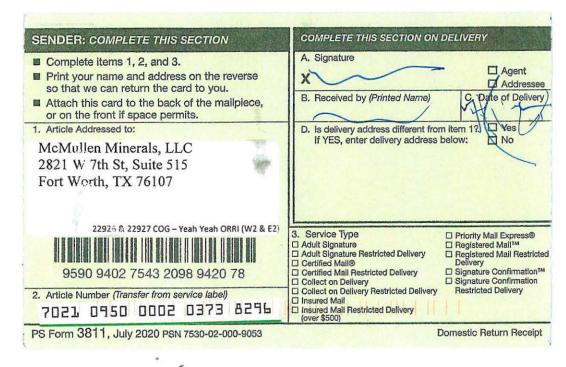




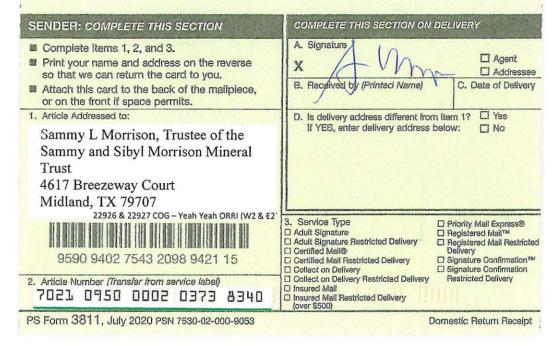
















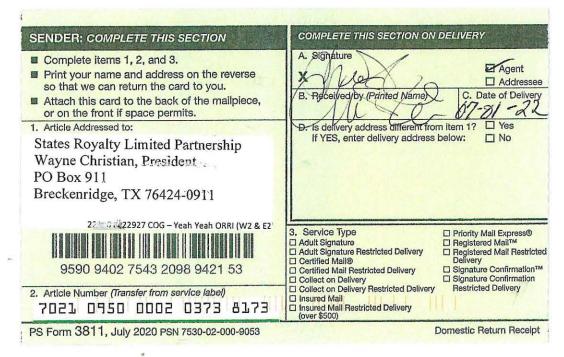




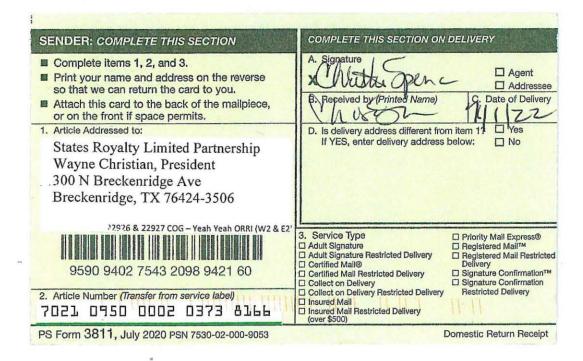




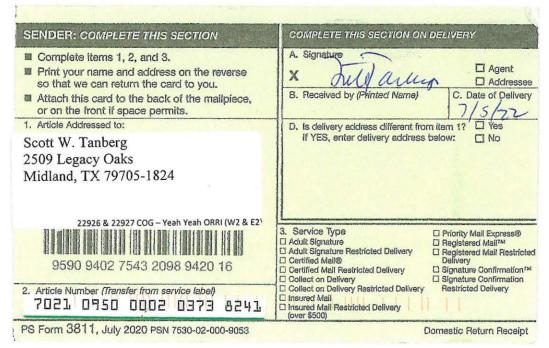




















HINKLE SHANOR LLP ATTORNEYS AT LAW POST OFFICE BOX 2068

SANTA FE, NEW MEXICO 87504



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JUL 25 2022

Hinkle Shanor LLP Santa Fe NM 87504 Deborah Fedric, SP 1 Hillcrest Dr Roswell, NM 88201-3920

22926 & 22027 COG - Yeah Yeah ORRI (W2 & E2)



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HINKLE SHANOR LLP
ATTORNEYS AT LAW
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JUL 15 2022

Hinkle Shanor LLP Santa Fe NM 87504 Douglas Investments, Inc. 3220 North Freeway Fort Worth, TX 76111

22926 & 22927 COG - Yeah Yeah ORRI (W2 & E2)

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HINKLE SHANOR LLP ATTORNEYS AT LAW

POST OFFICE BOX 2068 SANTA FE, NEW MEXICO 87504



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RECEIVED

JUL 25 2022

Hinkle Shanor LLP Santa Fe NM 87504 Monty D. McLane PO Box 9451 Midland, TX 79708-9451

22926 & 22927 COG - Yeah Yeah ORKI (W.L.&. E.4.)

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0007/17/22

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BC: 87504206868

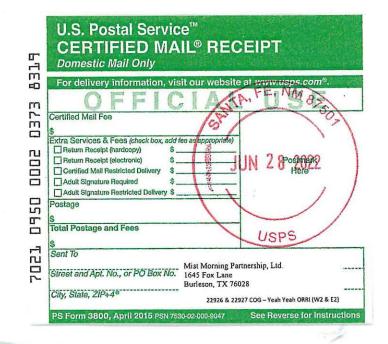
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CERTIFIED MAIL®

HINKLE SHANOR LLP.
ATTORNEYS AT LAW

POST OFFICE BOX 2068 SANTA FE, NEW MEXICO 87504





Mist Morning Partnership, Ltd. 1645 Fox Lane Burleson, TX 76028



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AUG 01 2022

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Hinkle Shanor LLP Santa Fe NM 87504

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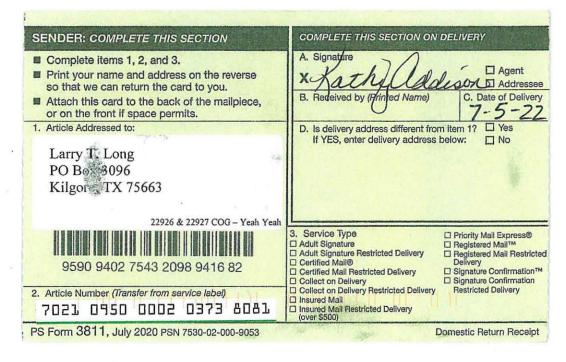
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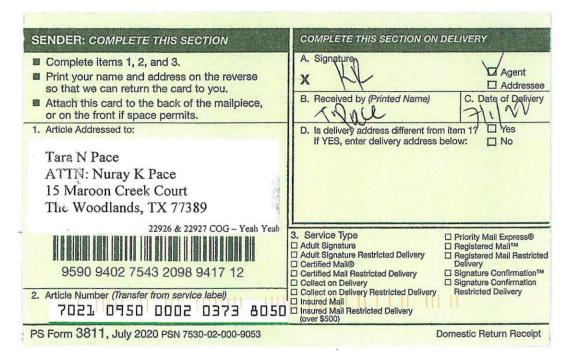




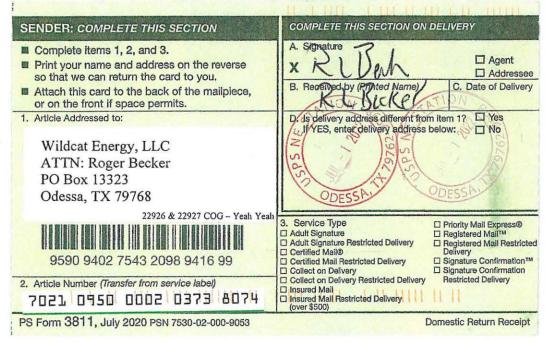


SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON D	ELIVERY
 Complete items 1, 2, and 3. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature X B. Received by (Printed Name)	☐ Agent ☐ Addressee C. Date of Delivery
1. Article Addressed to: Rhonda R. Pace	D. Is delivery address different from If YES, enter delivery address be	
3920 Merritt Rd Sachse, TX 75048-4610		
22926 & 22927 COG – Yeah Yeah	In Contact Trans	
9590 9402 7543 2098 9428 56	□ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Delivery	☐ Priority Mail Express®☐ ☐ Registered Mail™☐ ☐ Registered Mail Restricted ☐ Delivery☐ ☐ Signature Confirmation™☐ ☐ Signature Confirmation
2. Article Number (Transfer from service label) 7021 0950 0002 0373 7145	☐ Collect on Delivery Restricted Delivery ☐ Insured Mall ☐ Insured Mail Restricted Delivery (over \$500)	Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Do	omestic Return Receipt











Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

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

> Beginning with the issue dated July 15, 2022 and ending with the issue dated July 15, 2022.

Publisher

Sworn and subscribed to before me this 15th day of July 2022.

Business Manager

My commission expires January 29, 2023

(Seal)

GUSSIE BLACK Notary Public - State of New Mexico Commission # 1087526 My Comm. Expires Jan 29, 2023

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

LEGAL NOTICE July 15, 2022

LEGAL NOTICE
July 15, 2022

This is to notify all Interested parties, including Aleyna N. Pace; Nuray K. Pace; BTA Oil Producers LLC; Tara K. Pace; Larry T. Long; Rhonda R. Pace; PetroGulf Corporation; GHH Hunker, LLC; George H. Hunker; MKHM Oil, LLC; Margaret Kay Meuse; Norton, LLC; Judith Norton; States Royalty Limited Partnership; Deborah Fedric, SP; Monty D. McLane; Karen R. McLane; Alan Jochimsen, SP; Scott W. Tanberg; Robert E. Landreth; Donna P. Landreth; Phillip L White; Douglas Investments, Inc.; GGM Exploration Inc; McMullen Minerals, LLC; Mist Morning Partnership, Ltd.; Panther City Exploration Company, LLC; Pegasus Resources, LLC; Sammy L. Morrison, Trustee of the Sammy and Sibyl Morrison Mineral Trust; 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. 22927). The hearing will be conducted remotely on August 4, 2022, 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.emnrcl.mm.gov/ocd/hearing-info/, Applicant applies for an order pooling all uncommitted mineral interests in the Bone Spring formation underlying a 640-acre, more or less, standard horizontal spacing unit ("Unit") comprised of the W/2 of Sections 10 and 15, Township 22 South, Range 34 East, Lea County, New Mexico. The Unit will be dedicated to the following wells ("Wells"): Yeah Yeah Federal Com #504H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 15; Yeah Yeah Federal Com #603H well, to be drilled from a surface hole location in the NW/4 NW/4 (Unit D) of Section 10 to a bottom hole location in the NW/4 Will (Unit D) of Section 10 to a bottom hole location in the NW/4 Will (Unit D) of Section 10 to a bottom hole location in the NW/4 Will (Unit N) of Section 15; Yeah Yeah Federal Com #603H well, to be drilled from a surface hole

COG Operating LLC Case No. 22927 Exhibit C-4

02107475

00268914

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

