

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-B
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Cimarex Energy Co.
OPERATOR ADDRESS: 600 N. Marienfeld, Suite 600, Midland, TX 79701
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No.
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

Table with 6 columns: (1) Pool Names and Codes, Gravities / BTU of Non-Commingled Production, Calculated Gravities / BTU of Commingled Production, Calculated Value of Commingled Production, Volumes

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: [Signature] TITLE: Regulatory Analyst DATE: 11/16/2022

TYPE OR PRINT NAME: Brittany Gordon TELEPHONE NO.: 432-571-7800

E-MAIL ADDRESS: brittany.gordon@coterra.com



COTERRA
James 19 & 20-29 Commingle Permit
(07.2022)

The James 19 & 20-29 CTB will be a 5-well facility. The facility will have the following wells producing to it:

- James 19 Federal 31H
- James 19 Federal 34H
- James 20-29 Fed Com 37H
- James 20-29 Fed Com 38H
- James 20-29 Fed Com 39H

PRODUCTION ALLOCATION

Production from each of the referenced wells enters its own individual separator. Each separator has its own Coriolis meter for oil, mag meter for water, and orifice meter for gas.

After separation, each oil stream flows through the commingled heater treater and then to the tanks before being measured by a LACT unit. The LACT unit will serve as the oil FMP.

The Gas from each separator flow through its own allocation orifice meter then flows to the gas FMP.

Allocation Method:

Oil Production:

Oil will be allocated daily to the well based upon the daily Coriolis meter volume. The meter is a Micro Motion Coriolis meter. Each well will have a daily factor that is a percentage of the total Coriolis volume for all referenced wells. The factor obtained from the test meter will be used to allocate the oil production volumes sold through the LACT.

Gas Production:

Gas will be allocated daily to the well based upon the daily allocation gas meter volume. The meter is an orifice meter. Each well will have a daily factor that is a percentage of the total allocation meter volume for all referenced wells. The factor obtained from each allocation meter will be used to allocate the gas sales volumes sold through the gas sales meter. The meters will be calibrated on a regulator basis per API, NMOCD, and BLM specifications.

Additional Application Components:

The flow of production details is outlined on the enclosed facility diagram.

Commingling the production is the most effective means of producing the reserves. Cimarex understand the requested approval will not constitute the granting of any right of way or construction rights not granted by the lease instrument.

NMOCD does not require notification for projects with identical ownership.

The BLM and NMOCD will be notified of any changes to the CTB.



Coterra Energy Inc.
600 N. Marienfeld Street
Suite 600
Midland, TX 79701

T 432-571-7800
F 432-571-7832
coterra.com

Cimarex Energy Co.

11/18/2022

Attn: Mr. Dean McClure
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

Subject: Application for Pool & Lease Commingling at Common Central Tank Battery
Lease: James 19 Federal & 20-29 Federal Com
Pool: Sand Dunes; Bone Spring South

Mr. McClure,

Pursuant to Division Rule 19.15.12.10, Cimarex Energy Co. respectfully requests administrative approval to Pool and Lease Commingle at a Common Central Tank Battery.

The Commingling and Allocation Approval (CAA) will not negatively affect the royalty revenue or reduce the total remaining production value.

Each well is metered individually. This action will prevent waste, promote conservation and protect correlative rights. The James 19 & 20-29 Federal Com battery is located in Section 18, T23S, R32E, Lea County, New Mexico.

These wells are operated by Cimarex Energy Co. with diverse ownership. There are 2 Federal leases and 1 proposed communitization agreements involved. Pursuant to Division Rule 19.15.12.10, the interest owners that are to be notified are listed and are being sent a copy of this application by certified mail with return receipt.

Also Attached:

- NMOCD Form C-107B
- NMOCD Administrative Application Checklist
- Summary Detail
- Lease plat shows boundaries, State Lease numbers, facility, wellhead and path of production
- Facility Diagram
- NMOCD form C-102 well plats for each well
- A copy of notice letter to interest owners and a copy of certified mail, return receipt request
- Copy of BLM sundry submittal

We respectfully request authority to add additional wells contained within the lease identified and approved in this application by filing a Subsequent Report Sundry to the Bureau of Land Management for Federal and filing a C-103Z and C-102 with the NMOVD. Notice to owners shall not be required when amending the application after previously approved for commingling authority.



Coterra Energy Inc.
600 N. Marienfeld Street
Suite 600
Midland, TX 79701

T 432-571-7800
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coterra.com

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g) we respectfully request the option to include additional production from the pools or leases listed in this application.

Thank you,

Brittany Gordon

Regulatory Analyst

432-620-1960

brittany.gordon@coterra.com

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
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(2) Is all production from same source of supply? Yes No
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(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: [Signature] TITLE: Regulatory Analyst DATE: 11/16/2022
TYPE OR PRINT NAME: Brittany Gordon TELEPHONE NO.: 432-571-7800
E-MAIL ADDRESS: brittany.gordon@coterra.com

| | | | |
|-----------|-----------|-------|---------|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: |
|-----------|-----------|-------|---------|

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

| <u>FOR OCD ONLY</u> | |
|--------------------------|------------------------------|
| <input type="checkbox"/> | Notice Complete |
| <input type="checkbox"/> | Application Content Complete |

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

B. Jordan

 Signature

Date

Phone Number

e-mail Address

| To Company Name | To Name | To Address Line 1 | To Address Line2 | To City | To State | To ZIP | To ZIP4 | PIC | status |
|-------------------------------------|-----------------------------------|-------------------------|------------------|-------------|----------|--------|---------|-------------------------|----------|
| | ALPHA ENERGY PARTNERS LLC | P O BOX 10701 | | MIDLAND | TX | 79702 | | _9407111898765811716312 | Approved |
| | BALL OIL & GAS LLC | PO BOX 1401 | | ROSWELL | NM | 88202 | 1401 | _9407111898765811716350 | Approved |
| | BARY RAZI | PO BOX 261968 | | ENCINO | CA | 91426 | 1968 | _9407111898765811716367 | Approved |
| PLAINS CAPITAL BANK AGENT 3707 | CALVIN AND ANN KIMBROUGH REV TST | CAMP BOWIE BLVD | SUITE 220 | FORT WORTH | TX | 76107 | | _9407111898765811716305 | Approved |
| | CAPITAN MOUNTAIN OIL & GAS LLC | PO BOX 1401 | | ROSWELL | NM | 88202 | 1401 | _9407111898765811716398 | Approved |
| | CENTENNIAL LLC | PO BOX 1837 | | ROSWELL | NM | 88202 | 1837 | _9407111898765811716381 | Approved |
| | CIMAREX ENERGY CO | 202 S CHEYENNE AVE | SUITE 1000 | TULSA | OK | 74103 | 3001 | _9407111898765811716336 | Approved |
| | EARL A LATIMER III & KATHERINE S | 1908 W 27TH ST | | ROSWELL | NM | 88201 | | _9407111898765811716374 | Approved |
| | EOG RESOURCES INC | PO BOX 840321 | | DALLAS | TX | 75284 | 321 | _9407111898765811716015 | Approved |
| | FORTE ENERGY CORPORATION | 3840 WINDSOR LANE | | DALLAS | TX | 75205 | | _9407111898765811716053 | Approved |
| | GERALD & MARTHA G CHILDRESS | PO BOX 3354 | | ROSWELL | NM | 88202 | 3354 | _9407111898765811716060 | Approved |
| | H LEE & JOANNE W HARVARD TRUST | PO BOX 936 | | ROSWELL | NM | 88202 | 936 | _9407111898765811716008 | Approved |
| | HARVARD PETROLEUM CO LLC | PO BOX 936 | | ROSWELL | NM | 88202 | 936 | _9407111898765811716091 | Approved |
| | HAR-VEST LLC | PO BOX 936 | | ROSWELL | NM | 88202 | 936 | _9407111898765811716046 | Approved |
| | J 4 FAMILY LP | PO BOX 936 | | ROSWELL | NM | 88202 | 936 | _9407111898765811716039 | Approved |
| | LARRY G ENGWALL & BRENDA J BRYANT | 1961 LA CUESTA DRIVE | | SANTA ANNA | CA | 92705 | | _9407111898765811716077 | Approved |
| | MARKER PETROLEUM INC | 4637 EAST 91ST STREET | | TULSA | OK | 74137 | | _9407111898765811716459 | Approved |
| OFFICE OF NATURAL RESOURCES REVENUE | ONRR-PAYOR ID 72254 FED | PO BOX 25627 | | DENVER | CO | 80225 | 627 | _9407111898765811716466 | Approved |
| | PATRICIA DARLENE RODAK | P O BOX 2631 | | ROSWELL | NM | 88202 | 2631 | _9407111898765811716404 | Approved |
| | PATRICK J F GRATTON & JEAN M | PO BOX 190599 | | DALLAS | TX | 75219 | 599 | _9407111898765811716442 | Approved |
| | RLP INDUSTRIES INC | 114 FAWNLAKE DRIVE | | HOUSTON | TX | 77079 | | _9407111898765811716435 | Approved |
| | ROBERT J GALLIVAN JR & BARBARA | 4744 WESTMINSTER CIRCLE | | ST PAUL | MN | 55122 | | _9407111898765811716473 | Approved |
| | SHAHROKH RAZI | PO BOX 25433 | | LOS ANGELES | CA | 90025 | 5433 | _9407111898765811716510 | Approved |
| | STEVEN ENGWALL | 2707 DUVAL DR | | DALLAS | TX | 75214 | | _9407111898765811716558 | Approved |
| | TARA N FEDRIC LIVING TRUST | 404 SAN BRUNO DR | | GARLAND | TX | 75043 | | _9407111898765811716565 | Approved |
| | TUMBLER ENERGY PARTNERS LLC | PO BOX 50938 | | MIDLAND | TX | 79710 | 938 | _9407111898765811716527 | Approved |

LEGAL NOTICE
November 20, 2022

Notice of Application for Surface & Pool Commingle

STATE OF NEW MEXICO
ENERGY, MINERAL AND NATURAL RESOURCES
DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

STATE OF NEW MEXICO TO:

All named parties and persons having any right, title, interest or claim in the following and notice to the public.

(Note: All land descriptions herein refer to the New Mexico, Principal Meridian whether or not so stated.)

Lease: James 19 & 20-29 Federal Com

Application of Cimarex Energy Co. for Approval of Surface & Pool Commingle, Lea County, New Mexico.

Application seeks authority to surface & pool commingle production.

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g), Cimarex requests the option to include additional pools and/or leases with the defined parameters set forth in the order for future additions.

Location: Section 18, 19 & 20; Township 23S; Range 32E; Lea County, New Mexico

Pool: [53805] SAND DUNES; BONE SPRING, SOUTH

Applicant: Cimarex Energy Co., Attn: Brittany Gordon, 600 N. Marienfeld Street, Suite 600, Midland, Texas 79701.

Interested parties must file objections or requests for hearing in writing with the divisions Santa Fe Office within 20 days of this publication, or the division may approve this application.

#00273311



COTERRA
James 19 & 20-29 Commingle Permit
(07.2022)

The James 19 & 20-29 CTB will be a 5-well facility. The facility will have the following wells producing to it:

- James 19 Federal 31H
- James 19 Federal 34H
- James 20-29 Fed Com 37H
- James 20-29 Fed Com 38H
- James 20-29 Fed Com 39H

PRODUCTION ALLOCATION

Production from each of the referenced wells enters its own individual separator. Each separator has its own Coriolis meter for oil, mag meter for water, and orifice meter for gas.

After separation, each oil stream flows through the commingled heater treater and then to the tanks before being measured by a LACT unit. The LACT unit will serve as the oil FMP.

The Gas from each separator flow through its own allocation orifice meter then flows to the gas FMP.

Allocation Method:

Oil Production:

Oil will be allocated daily to the well based upon the daily Coriolis meter volume. The meter is a Micro Motion Coriolis meter. Each well will have a daily factor that is a percentage of the total Coriolis volume for all referenced wells. The factor obtained from the test meter will be used to allocate the oil production volumes sold through the LACT.

Gas Production:

Gas will be allocated daily to the well based upon the daily allocation gas meter volume. The meter is an orifice meter. Each well will have a daily factor that is a percentage of the total allocation meter volume for all referenced wells. The factor obtained from each allocation meter will be used to allocate the gas sales volumes sold through the gas sales meter. The meters will be calibrated on a regulator basis per API, NMOCD, and BLM specifications.

Additional Application Components:

The flow of production details is outlined on the enclosed facility diagram.

Commingling the production is the most effective means of producing the reserves. Cimarex understand the requested approval will not constitute the granting of any right of way or construction rights not granted by the lease instrument.

NMOCD does not require notification for projects with identical ownership.

The BLM and NMOCD will be notified of any changes to the CTB.



www.permianls.com
575.397.3713 2609 W Marland Hobbs NM 88240

C6+ Gas Analysis Report

| | | | | | |
|---------------------|--|--------------------|------------------------|--------------------------|--|
| 6096G | | NCP1471338 | | James 19 Fed 31H-34H CDP | |
| Sample Point Code | | Sample Point Name | | Sample Point Location | |
| Laboratory Services | | 2022050460 | | 2298 | |
| Source Laboratory | | Lab File No | | Container Identity | |
| USA | | USA | | USA | |
| District | | Area Name | | Field Name | |
| Jan 11, 2022 09:00 | | Jan 11, 2022 09:00 | | Jan 18, 2022 10:40 | |
| Date Sampled | | Date Effective | | Date Received | |
| 46.00 | | 1,860.40 | | Luis | |
| Ambient Temp (°F) | | Flow Rate (Mcf) | | Analyst | |
| | | | | 1036 @ 99 | |
| | | | | Press PSI @ Temp °F | |
| | | | | Source Conditions | |
| Coterra | | | NG | | |
| Operator | | | Lab Source Description | | |

| Component | Normalized Mol % | Un-Normalized Mol % | GPM |
|--------------------|------------------|---------------------|--------|
| H2S (H2S) | 0.0010 | 0.001 | |
| Nitrogen (N2) | 2.2110 | 2.21135 | |
| CO2 (CO2) | 8.0780 | 8.07784 | |
| Methane (C1) | 71.8740 | 71.87428 | |
| Ethane (C2) | 9.8360 | 9.83619 | 2.6300 |
| Propane (C3) | 5.0460 | 5.04591 | 1.3900 |
| I-Butane (IC4) | 0.5920 | 0.59207 | 0.1940 |
| N-Butane (NC4) | 1.3660 | 1.36624 | 0.4310 |
| I-Pentane (IC5) | 0.3150 | 0.31472 | 0.1150 |
| N-Pentane (NC5) | 0.3110 | 0.31114 | 0.1130 |
| Hexanes Plus (C6+) | 0.3700 | 0.37026 | 0.1610 |
| TOTAL | 100.0000 | 100.0010 | 5.0340 |

| Gross Heating Values (Real, BTU/ft³) | | | |
|--------------------------------------|-----------|-----------------------|------------|
| 14.696 PSI @ 60.00 Å°F | | 14.73 PSI @ 60.00 Å°F | |
| Dry | Saturated | Dry | Saturated |
| 1,138.8 | 1,120.4 | 1,141.4 | 1,123.0000 |

| Calculated Total Sample Properties | |
|-----------------------------------------------|------------------------|
| GPA2145-16 *Calculated at Contract Conditions | |
| Relative Density Real | Relative Density Ideal |
| 0.7903 | 0.7878 |
| Molecular Weight | |
| 22.8223 | |

| C6+ Group Properties | | |
|----------------------|--------------|--------------|
| Assumed Composition | | |
| C6 - 60.000% | C7 - 30.000% | C8 - 10.000% |

| |
|-----------|
| Field H2S |
| 7 PPM |

PROTREND STATUS: Passed By Validator on Jan 19, 2022
DATA SOURCE: Imported

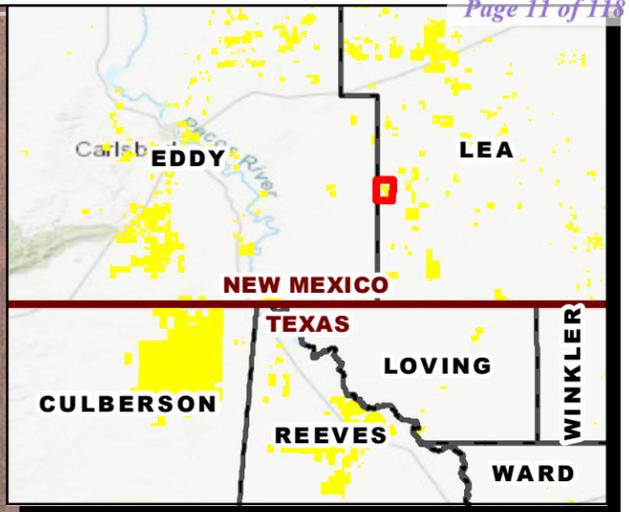
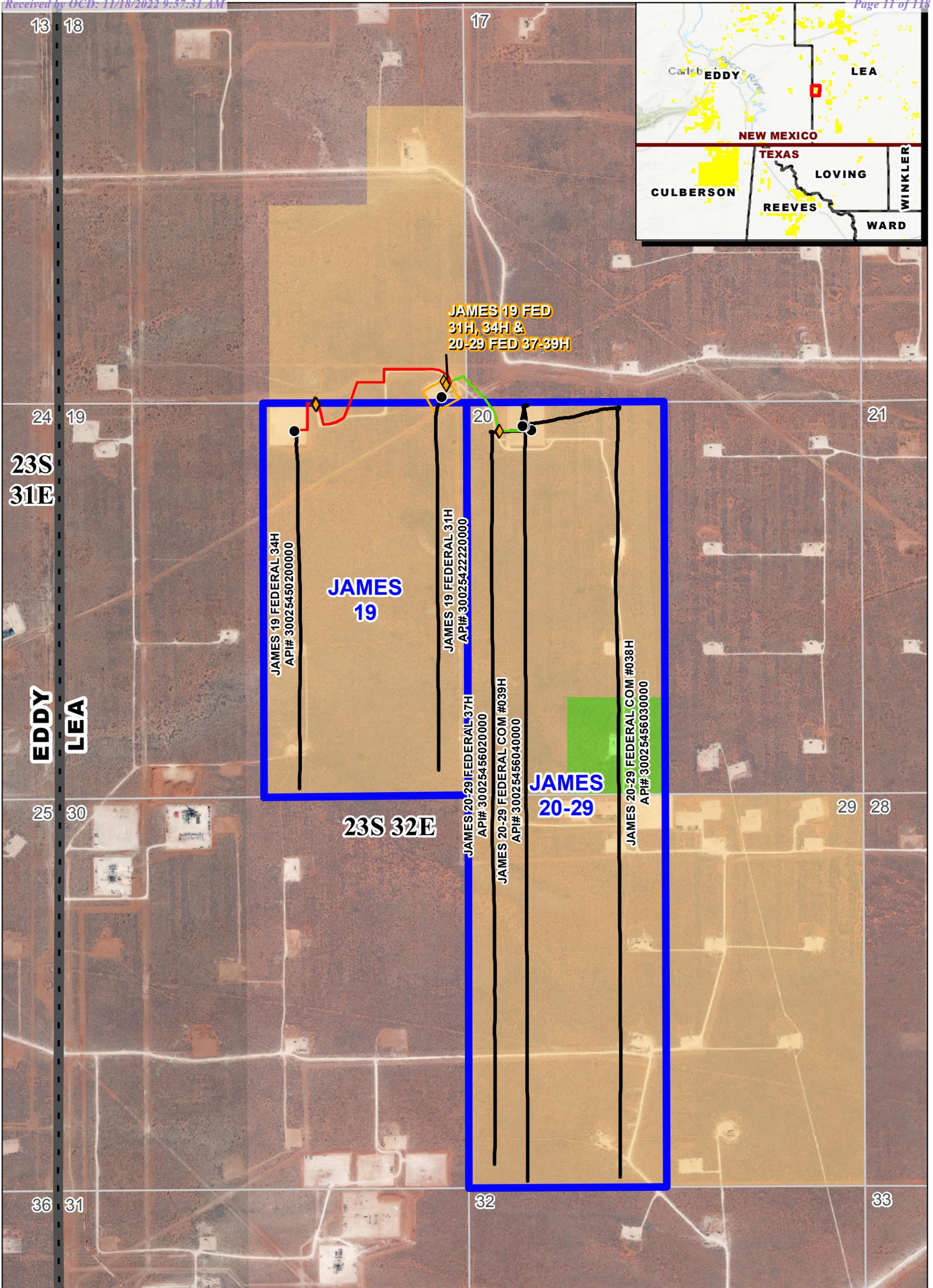
PASSED BY VALIDATOR REASON: Close enough to be considered reasonable.

VALIDATOR: Luis Cano

VALIDATOR COMMENTS: OK

Method(s): Gas C6+ - GPA 2261, Extended Gas - GPA 2286, Calculations - GPA 2172

| Analyzer Information | | | |
|----------------------|-------------------|----------------|-------------|
| Device Type: | Gas Chromatograph | Device Make: | Shimadzu |
| Device Model: | GC-2014 | Last Cal Date: | Jan 3, 2022 |



COTERRA

JAMES 19 & JAMES 20-29
Lea County, NM

Scale: 1:2,000,000
CRS: NAD 1983 StatePlane New Mexico East
Date: 10/27/2022
Author: jdew

| | | |
|-----------------------|------------------|------------------|
| ● Operated Wells - SL | Pipelines | Leasehold |
| — Operated Wells | — Oil | ■ NMNM 559539 |
| ◆ Valves | — Gas | ■ NMNM 116573 |
| | □ Facilities | □ Units |



Application for Commingling and Allocation Approval
James 19 & 20-29 Federal Com Facility
Section 18, T23S, R32E
Lease Table
Exhibit 1

| Well Name | Well Number | API | Formation | Comm Agreement | Federal Lease(s) | Federal Royalty | Type of Production Commingle |
|-----------------------------|-------------|--------------|--------------|--------------------------------------------------------------------------------|-------------------------|-----------------|---------------------------------|
| James 19 Federal 31H | 31 | 30-025-42222 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 19 Federal 34H | 34 | 30-025-45020 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 37H | 37 | 30-025-45602 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 38H | 38 | 30-025-45603 | Bone Springs | Proposed Comm Agreement - James 20-29 Fed Com 38H E/2W/2 of Sections 20 and 29 | NMNM0559539, NMNM116573 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 39H | 39 | 30-025-45604 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

OCD - HOBBS
04/17/2020
RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------------|-------------------------------------------------------|----------------------------------------------------------|
| ¹ API Number 30-025-45602 | ² Pool Code 53805 | ³ Pool Name Sand Dunes; Bone Spring, South |
| ⁴ Property Code 313723 | ⁵ Property Name JAMES 20-29 FEDERAL COM | |
| ⁷ OGRID No. 215099 | ⁸ Operator Name CIMAREX ENERGY CO. | ⁶ Well Number 37H |
| | | ⁹ Elevation 3677.6 |

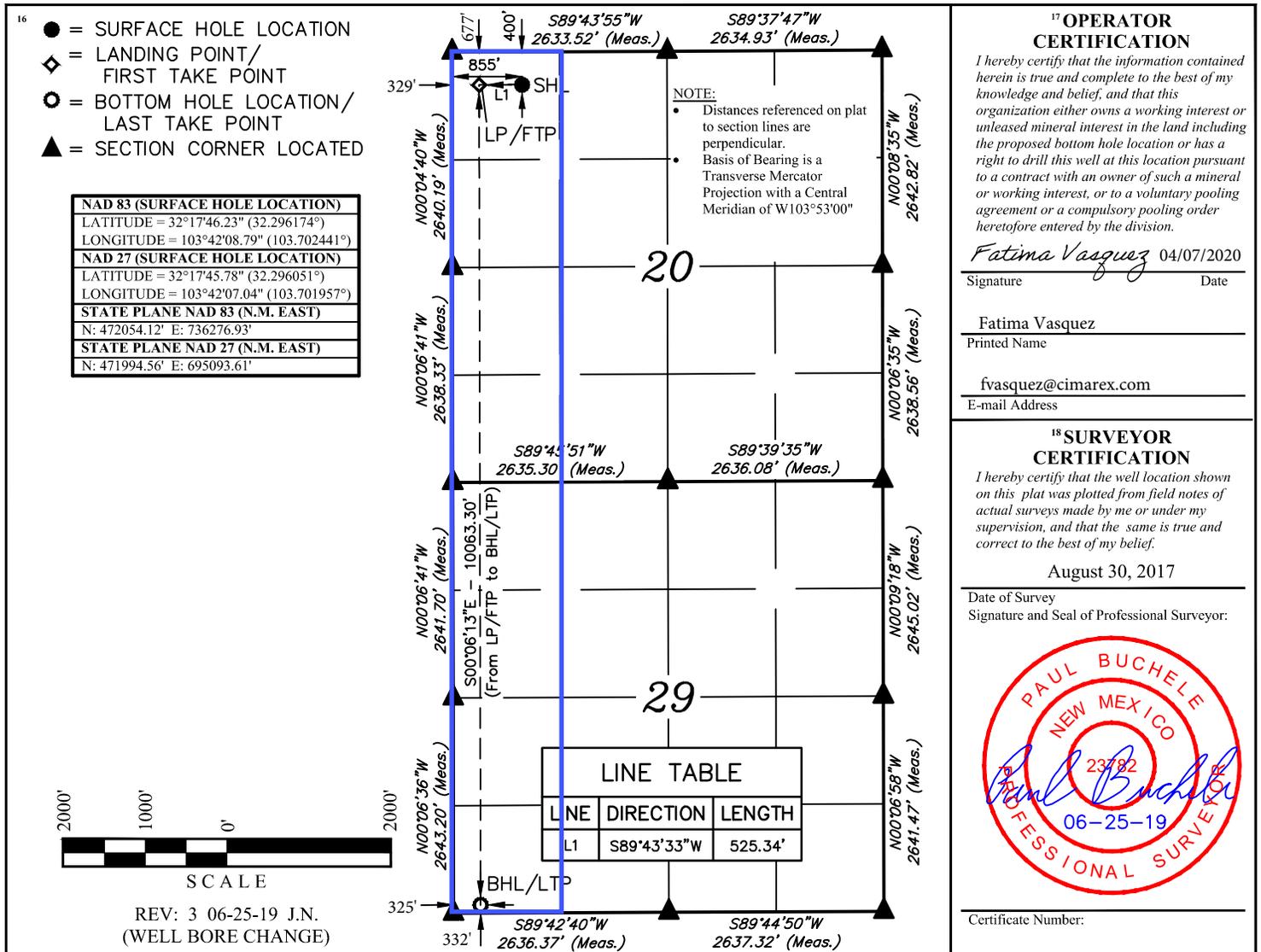
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 400 | NORTH | 855 | WEST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 332 | SOUTH | 325 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45604 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 39H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3677.8 |

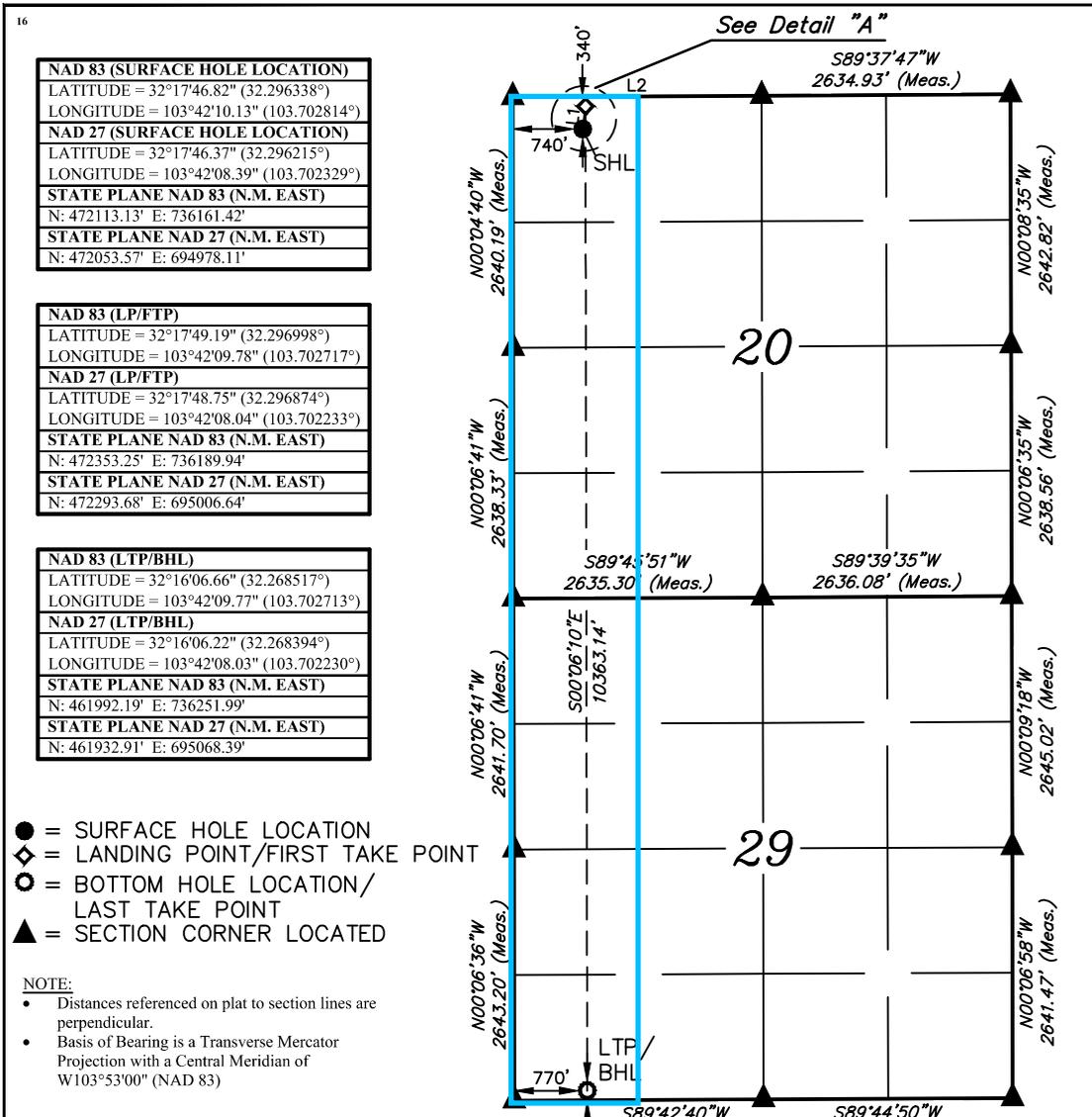
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 340 | NORTH | 740 | WEST | LEA |

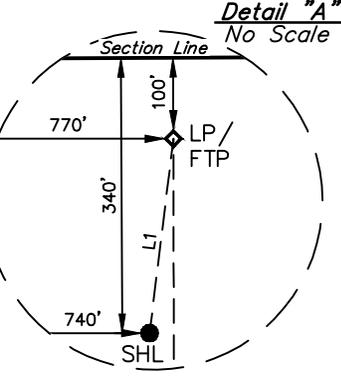
¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 100 | SOUTH | 770 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



| LINE | DIRECTION | LENGTH |
|------|-------------|----------|
| L1 | N07°00'51"E | 241.85' |
| L2 | S89°43'55"W | 2633.52' |



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

Fatima Vasquez 04/07/2022
 Signature Date

Fatima Vasquez
 Printed Name

fatima.vasquez@coterra.com
 E-mail Address

¹⁸ SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

August 30, 2017
 Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

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Santa Fe, NM 87505

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Revised August 1, 2011
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------------|---------------------------------|
| ¹ API Number 30-025-42222 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 31H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3648' |

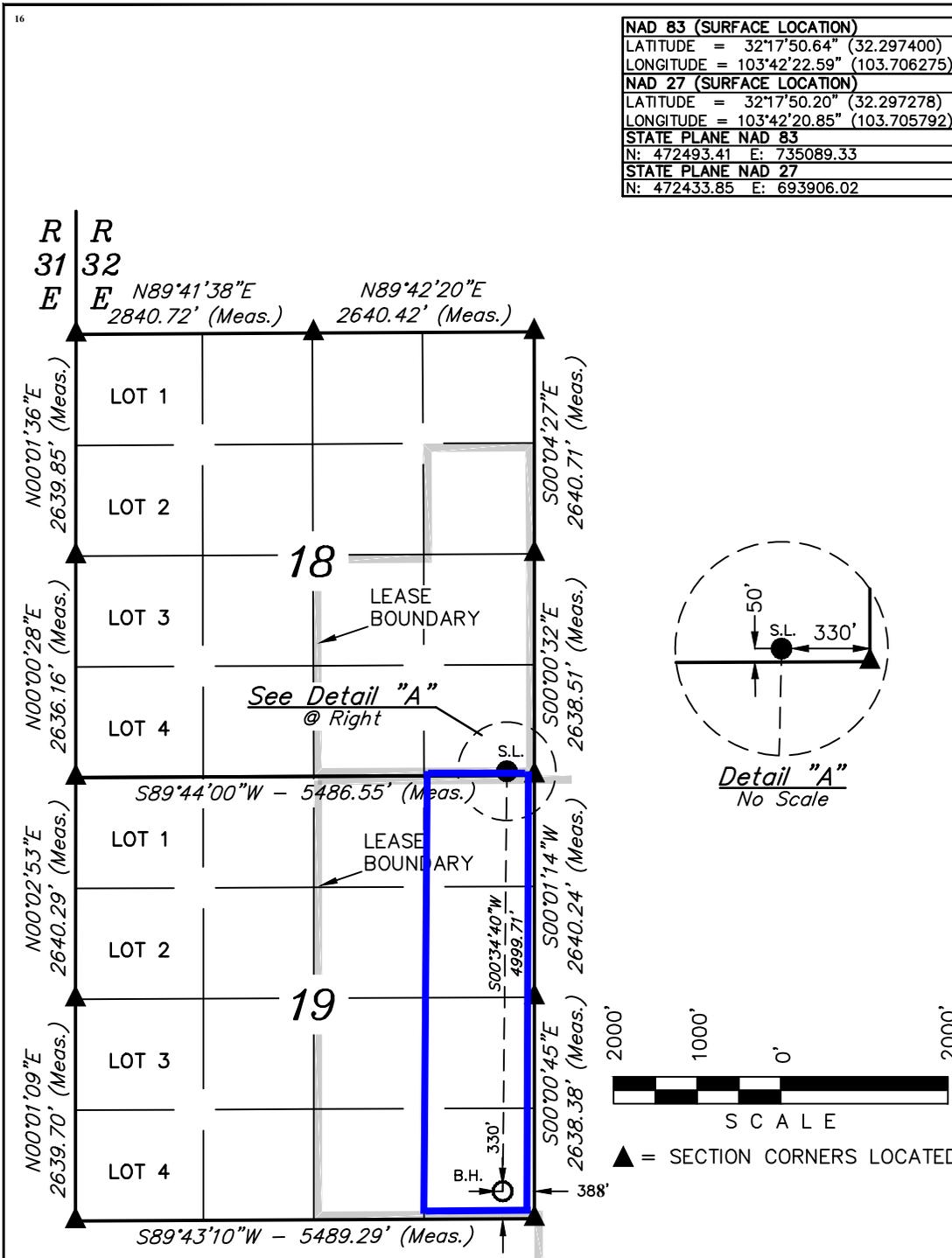
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 18 | 23S | 32E | | 50 | SOUTH | 330 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| P | 19 | 23S | 32E | | 330 | SOUTH | 388 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



| | |
|-----------------------------------------|--|
| ¹⁶ NAD 83 (SURFACE LOCATION) | |
| LATITUDE = 32°17'50.64" (32.297400) | |
| LONGITUDE = 103°42'22.59" (103.706275) | |
| NAD 27 (SURFACE LOCATION) | |
| LATITUDE = 32°17'50.20" (32.297278) | |
| LONGITUDE = 103°42'20.85" (103.705792) | |
| STATE PLANE NAD 83 | |
| N: 472493.41 E: 735089.33 | |
| STATE PLANE NAD 27 | |
| N: 472433.85 E: 693906.02 | |

¹⁷ OPERATOR CERTIFICATION

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

Fatima Vasquez 02/03/2021
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

September 10, 2013
Date of Survey

Signature and Seal of Professional Surveyor:



REV: R.J. 11-07-17 (BH CHANGE)

- NOTE:
- Distances referenced on plat to section lines are perpendicular.
 - Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°41'57"

Certificate Number:

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Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|---------------------------------------------------------|-----------------------------------|
| ¹ API Number 30-025-45020 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 34H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3639.4' |

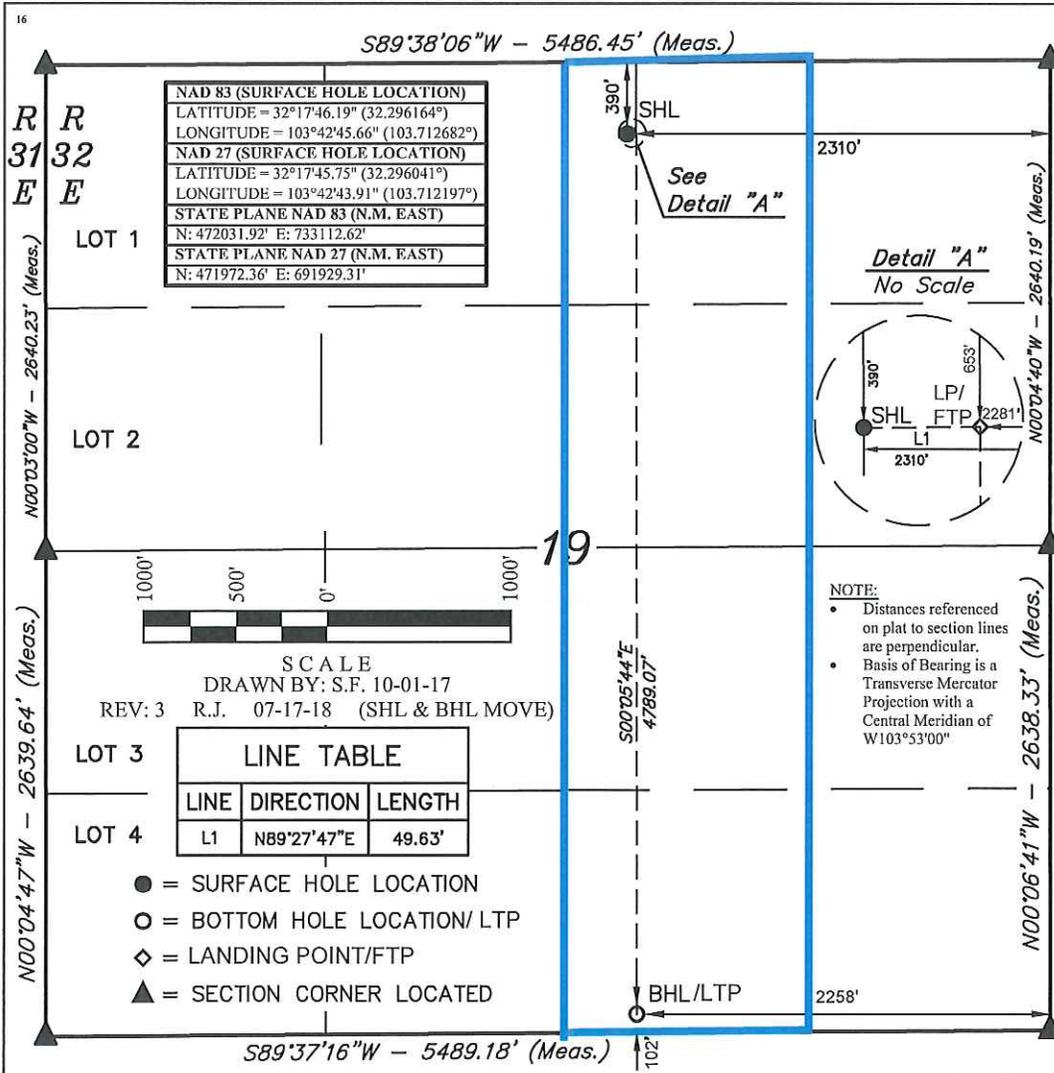
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 19 | 23S | 32E | | 390 | NORTH | 2310 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| O | 19 | 23S | 32E | | 102 | SOUTH | 2258 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

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

[Signature] 4/23/2019
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

August 31, 2017
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
07-17-18
PROFESSIONAL SURVEYOR

Certificate Number:

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State of New Mexico
Energy, Minerals & Natural Resources Department
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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45603 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 38H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3678.0 |

¹⁰ Surface Location

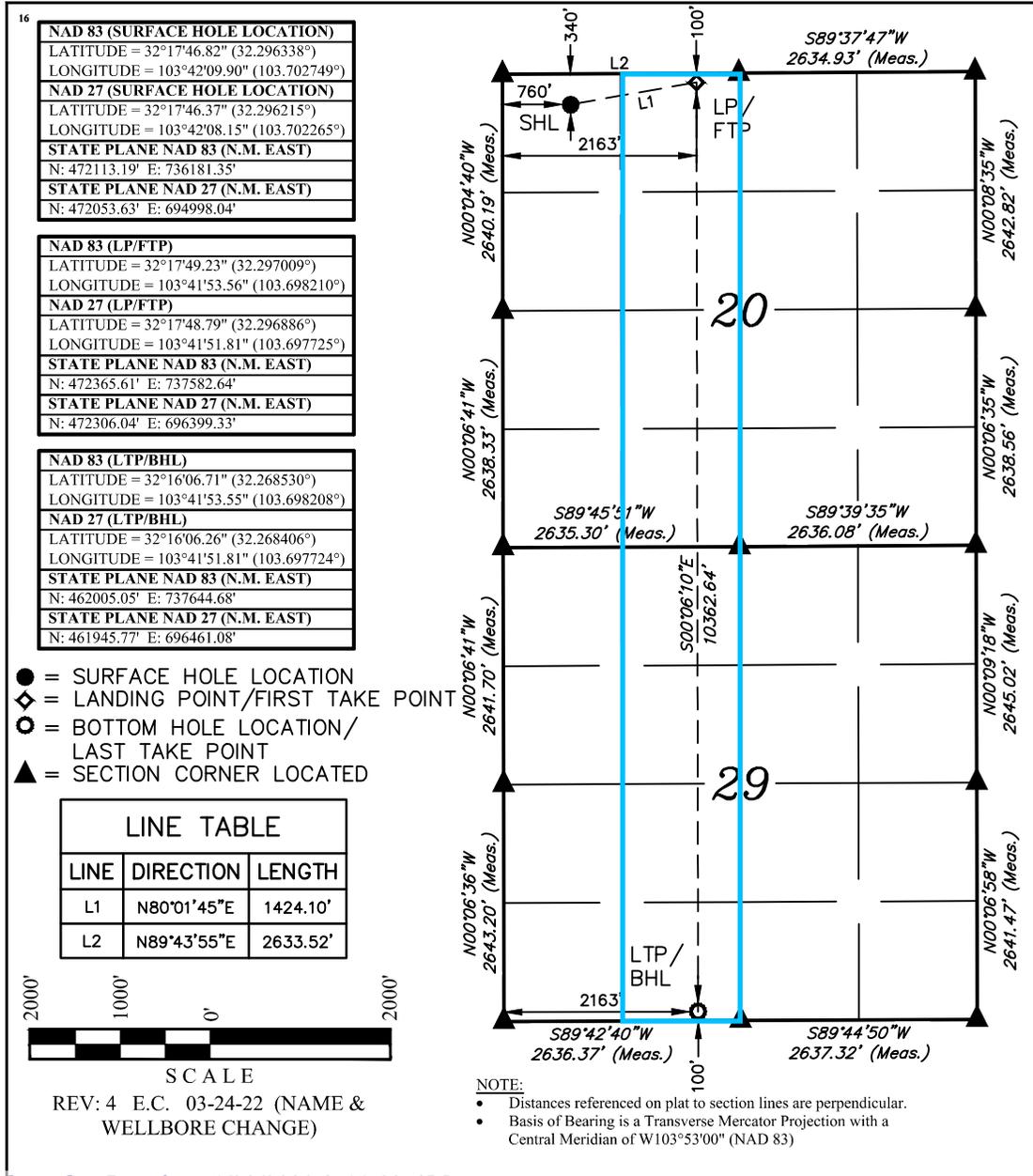
| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no. D | Section 20 | Township 23S | Range 32E | Lot Idn | Feet from the 340 | North/South line NORTH | Feet from the 760 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. N | Section 29 | Township 23S | Range 32E | Lot Idn | Feet from the 100 | North/South line SOUTH | Feet from the 2163 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Fatima Vasquez 04/07/2022
Signature Date
Fatima Vasquez
Printed Name
fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
August 30, 2017
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of November, 2022, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 23 South, Range 32 East, N.M.P.M.
 Section 20: E/2W/2
 Section 29: E/2W/2
 Lea County, New Mexico

Containing **320.00 acres**, and this agreement shall include only the **Bone Spring Formation** underlying said lands and the natural gas and associated liquid hydrocarbons hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. The Operator of the communitized area shall be Cimarex Energy Co., 600 N. Marienfeld, Ste. 600, Midland, TX 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

The communitized area approved in this Agreement contains unleased Federal lands. The value of 12 ½ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitle to participation, shall be payable as compensatory royalties to the Federal government. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue from the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

- Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
 7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
 8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
 9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

- is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
 13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
 14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

SELF CERTIFICATION STATEMENT FOR COMMUNITIZATION AGREEMENT WORKING INTEREST

COMMUNITIZATION AGREEMENT: _____

I, the undersigned, hereby certify, on behalf of Cimarex Energy Co., the Operator under the captioned Communitization Agreement, that all working interest owners shown on Exhibit "B" attached to the Communitization Agreement are, to the best of my knowledge, the true and correct owners of the leases committed to the Communitization Agreement, and the consents of the requisite working interest owners have been obtained.

I, further certify that the Communitization Agreement follows the standard form except for Sections 1 and 10.

NAME: _____ (signature of officer)

Printed: Bradley Cantrell

TITLE: Attorney-In-Fact

Phone number: (432) 571-7807, **Email:** Brad.Cantrell@coterra.com

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

EXHIBIT “A”

Plat of communitized area covering 640.00 acres in the E/2W/2 Sections 20 and 29, Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

James 20-29 Federal Com 38H

| | | | |
|--|---------------------------------|--|-----------|
| | Tract 1 NMNM 0559539 | | 20 |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |
| | Tract 2 NMNM 116573 | | |
| | Tract 1 NMNM 0559539 | | 29 |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |

Tract 1: **NW/4 & NE/4SW/4 of Section 20
E/2W/2 of Section 29**

Tract 2: **SE/4SW/4 of Section 20**

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

EXHIBIT "B"

To Communitization Agreement Dated November 1, 2022 embracing the following described land in Sections 20 & 29, Township 23 South, Range 32 East, N.M.P.M, Lea County, NM.

Operator of Communitized Area: Cimarex Energy Co.

DESCRIPTION OF LEASES COMMITTEDTract No. 1

| | |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Lease Serial Number: | NMNM 0559539 |
| Lessor: | United States of America |
| Lessee: | Midwest Oil Corporation |
| Date: | April 1, 1966 |
| Description of Land Committed: | Township 23 South, Range 32 East, Section 20: NW/4 and NE/4SW/4 Section 29: E/2W/2 |
| Number of Acres: | 280.00 |
| Record Title Owner: | Occidental Permian L.P. |
| Name of Working Interest Owners: | |
| Ball Oil and Gas, LLC | 0.46972600% |
| Capitan Mountain Oil & Gas, LLC | 0.46972600% |
| Gerald Childress and wife, Martha G. Childress | 0.35379000% |
| Larry G. Engwall and wife, Brenda J. Bryant | 0.14786600% |
| Steven Engwall | 0.14786600% |
| Robert J. Gallivan, Jr. and wife, Barbara Gallivan | 0.31308800% |
| Patrick J. F. Gratton and wife, Jean M. Gratton | 11.1175960% |
| Tara N. Fedric, Trustee of the Tara N. Fedric Living Trust | 0.15654400% |
| Centennial LLC | 0.23486400% |
| Earl A. Latimer III, and wife, Kathryn S. Latimer | 0.46972600% |
| Marker Petroleum, Inc. | 2.34863300% |
| Calvin R. Kimbrough, Trustee of the Ann Kimbrough Revocable Trust | |
| Share of The Calvin and Ann Kimbrough Revocable Trust | 0.25000000% |
| Har-Vest LLC | 0.93945400% |
| Kerry D. Hunter | 0.53079200% |
| J4 Family Limited Partnership | 0.53079200% |

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

| | |
|---------------------------------------------------|-------------|
| H. Lee Harvard and Jeffery L. Harvard Co-Trustees | 1.19427900% |
| of the H. Lee and Joanne W. Harvard Trust | |
| Tumbler Energy Partners, LLC | 0.93926400% |
| Harvard Petroleum Company, LLC | 9.76911700% |
| EOG Resources, Inc. | 16.0427250% |
| Cimarex Energy Co. | 53.5741520% |

Tract No. 2

| | |
|-------------------------------------|-----------------------------------------------------------|
| Lease Serial Number: | NMNM 116573 |
| Lessor: | United States of America |
| Lessee: | Charles D. Ray |
| Date: | September 1, 2006 |
| Description of Land Committed: | Township 23 South, Range 32 East, Section 20: SE/4SW/4 |
| Number of Acres: | 40.00 |
| Record Title Owner: | CD Ray Exploration, LLC |
| Name of Working Interest Owners: | |
| Devon Energy Production Company, LP | 79.81250000% |
| Mavros Oil Company, LLC | 4.50000000% |
| TBO Oil & Gas, LLC | 0.18750000% |
| Crump Family Partnership, Ltd. | 3.75000000% |
| Tarpon Engineering Corp. | 0.75000000% |
| Warren Ventures, Ltd. | 3.00000000% |
| CD Ray Exploration, LLC | 5.75000000% |
| Stillwater Investments | 2.25000000% |

RECAPITULATION

| Tract No. | No. Acres Committed | Percentage of Interest in Communitized Area |
|-----------|---------------------|---------------------------------------------|
| 1 | 280.00 | 87.50% |
| 2 | 40.00 | 12.50% |
| | 320.00 | 100.00% |

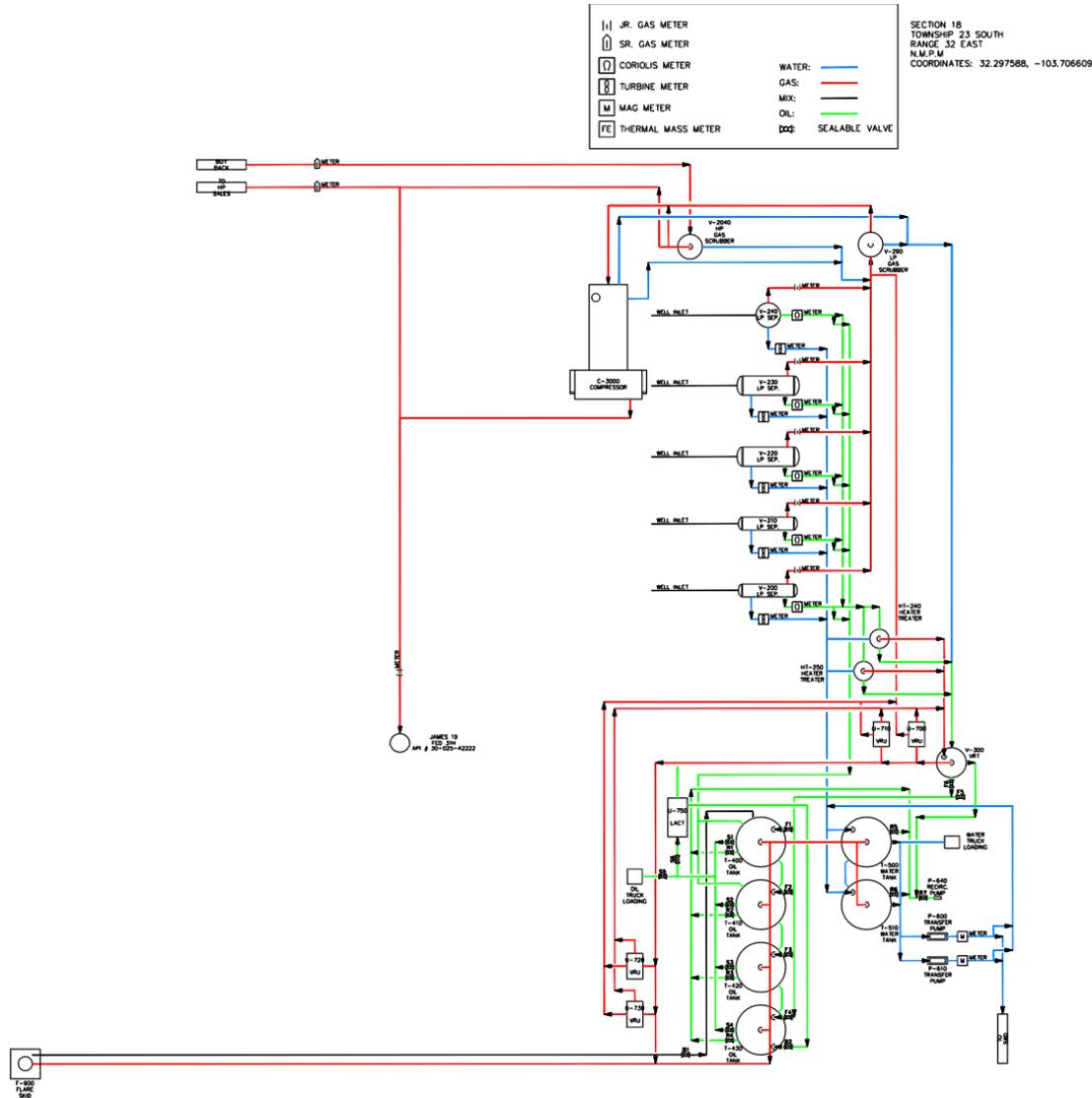
Communitization Agreement – James 20-29 Fed Com 38H
 E/2W/2 of Sections 20 and 29,
 Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

COTERRA ENERGY INC.
JAMES 19 FED 31H
LAND DESCRIPTION:
SECTION 18
T23S, R32E, N.M.P.M.
LEA COUNTY, NM
BLM # NMNM0559539

SITE FACILITY DIAGRAM



10/12/2022



| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|
| COTERRA ENERGY INC. JAMES 19 FED 31H LAND DESCRIPTION: SECTION 18 T23S, R32E, N.M.P.M. LEA COUNTY, NM BLM # NMNM0559539 | <h2>SITE FACILITY DIAGRAM</h2> |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|

10/12/2022

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIAGRAM VALVE LEGEND | |
| F1, F2, F3, F4, F5, AND F6 ARE FILL VALVES S1, S2, S3, S4, S5, AND S6 ARE SALES VALVES | B1 AND B2 ARE BAD OIL RETURN VALVES R1, R2, R3, R4, R5, R6, AND R7 ARE RECIRCULATION VALVES |
| VALVE POSITIONING IN THE PRODUCTION PHASE | |
| F1, F2, F3, F4, AND F6 ARE OPEN F5 IS CAR SEAL CLOSED S1, S2, S3, S4, AND S6 ARE OPEN | S5 IS CAR SEAL CLOSED B1 AND B2 ARE OPEN R1, R2, R3, R4, R5, R6, AND R7 ARE CAR SEAL CLOSED |
| VALVE POSITIONING IN THE SALES PHASE FOR U-750 LACT FMP NO. _____ | |
| F1, F2, F3, F4, AND F6 ARE OPEN F5 IS CAR SEAL CLOSED S1, S2, S3, S4, AND S6 ARE OPEN | S5 IS CAR SEAL CLOSED B1 AND B2 ARE OPEN R1, R2, R3, R4, R5, R6, AND R7 ARE CAR SEAL CLOSED |
| THE FOLLOWING COMPONENTS ON LIQUID MEASUREMENT METERING SYSTEM WILL BE EFFECTIVELY SEALED FOR U-750 LACT FMP NO. _____ | |
| 1. SAMPLE PROBE 2. SAMPLER VOLUME CONTROL 3. ALL VALVES ON LINES ENTERING OR LEAVING THE SAMPLE CONTAINER EXCLUDING THE SAFETY POP-OFFVALVE (IF SO EQUIPPED). EACH VALVE MUST BE SEALED IN THE OPEN OR CLOSED POSITION, AS APPROPRIATE 4. METER ASSEMBLY, INCLUDING THE COUNTER HEAD AND METER HEAD 5. TEMPERATURE AVERAGER/RECORDER 6. PRESSURE ADJUSTMENT ON THE BACK-PRESSURE VALVE DOWNSTREAM OF THE METER | 7. CMS OR LACT 8. ANY DRAIN VALVES IN THE SYSTEM 9. MANUAL SAMPLING VALVES (IF SO EQUIPPED) 10. VALVES LARGER THAN 1 INCH ON THE DIVERTER LINES 11. RIGHT-ANGLE 12. TOTALIZER 13. PROVER CONNECTIONS |
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| COTERRA ENERGY INC. JAMES 19 FED 31H LAND DESCRIPTION: SECTION 18 T23S, R32E, N.M.P.M. LEA COUNTY, NM BLM # NMNM0559539 | <h2>SITE FACILITY DIAGRAM</h2> |  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|

10/12/2022

| | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VALVE POSITIONING IN THE SALES PHASE FOR NON-LACT TRUCK HAUL | |
| TANK # _____ (T-400) F1 AND F5 CAR SEAL CLOSED S1 AND S5 ARE OPEN S2, S3, S4, AND S6 ARE CAR SEAL CLOSED R1 IS CAR SEAL CLOSED B1 IS CAR SEAL CLOSED | TANK # _____ (T-410) F2 AND F5 ARE CAR SEAL CLOSED S2 AND S5 ARE OPEN S1, S3, S4, AND S6 ARE CAR SEAL CLOSED R2 IS CAR SEAL CLOSED |
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| ONE (1) HEATER TREATER (ROYALTY-FREE) | |
| FIRE BOX RATED AT 750,000 BTU/HR OPERATED 16 HRS/DAY EACH TREATER USE – 1 X 750,000 BTU/HR X 16 HRS/DAY X 365 DAY/YR. X 1,200 BTU/FT3 / 365,000 = 14.4 MMCF/DAY | |

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|-------------|-------------|----------------|--------------|-------------|----------|
| JAMES 20-29 | 38H | 3002545603 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 37H | 3002545602 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 31H | 3002542222 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 39H | 3002545604 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 34H | 3002545020 | NMNM0559539 | NMNM0559539 | CIMAREX |

Notice of Intent

Sundry ID: 2686723

Type of Submission: Notice of Intent

Type of Action: Commingling (Surface)

Date Sundry Submitted:

Time Sundry Submitted:

Date proposed operation will begin: 10/17/2022

Procedure Description: Cimarex Energy respectfully requests approval to surface commingle oil, gas, and water production according to 43 CFR 3173.14 (a)(1)(i) at the James 19 & 20-29 Federal Com facility. The Commingling and Allocation Approval (CAA) will not negatively affect the royalty revenue of the federal government. Cimarex will utilize electronic automated measurements at the wellhead to measure oil, gas, and water separately from each well prior to commingling the production. The non-FMP allocation meters will meet BLM FMP regulations 43 CFR 3174 and 43 CFR 3175. Cimarex proposes that all leases/wells including in the application are capable of production in paying quantities. Please see Exhibit 6 for well test information for each well or anticipated production information for future wells. The Facility Measurement Point (FMP) is located on lease at the James 19 & 20-29 Federal Com facility located in the Section 18, T23S, R32E, Lea County, NM, BLM lease number NMNM 0559539 & NMNM 116573. The James 19 & 20-29 Federal Com facility was approved for construction in the James 19 Federal 31H well APD and no additional disturbance is required for the commingling activities. Attachments: Exhibit 1 – Lease Table Exhibit 2 – MASS Serial Register Page Exhibit 3 – Allocation Methodology Example Exhibit 4 – Allocation Methodology Example Details Exhibit 5 – Lease Map Exhibit 6 – Other Documents NMOCD Approval – Will request like approval. Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: BRITTANY GORDON

Signed on: OCT 17, 2022 01:19 PM

Name: CIMAREX ENERGY COMPANY

Title: Regulatory Analyst

Street Address: 600 N MARIENFELD STREET

City: MIDLAND **State:** TX

Phone: (432) 571-7800

Email address: BRITTANY.GORDON@COTERRA.COM

Field

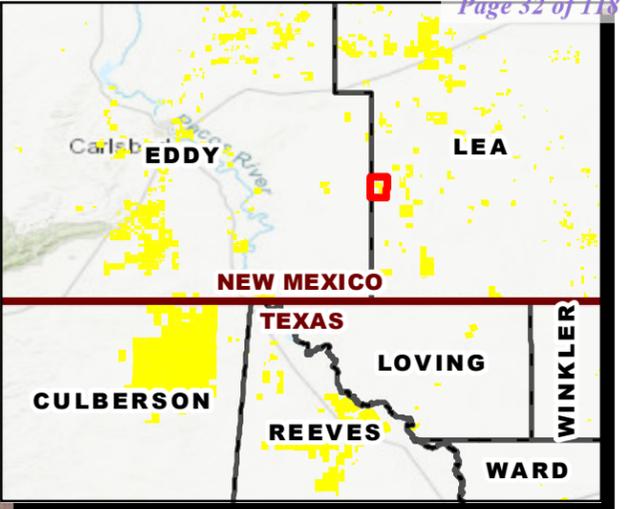
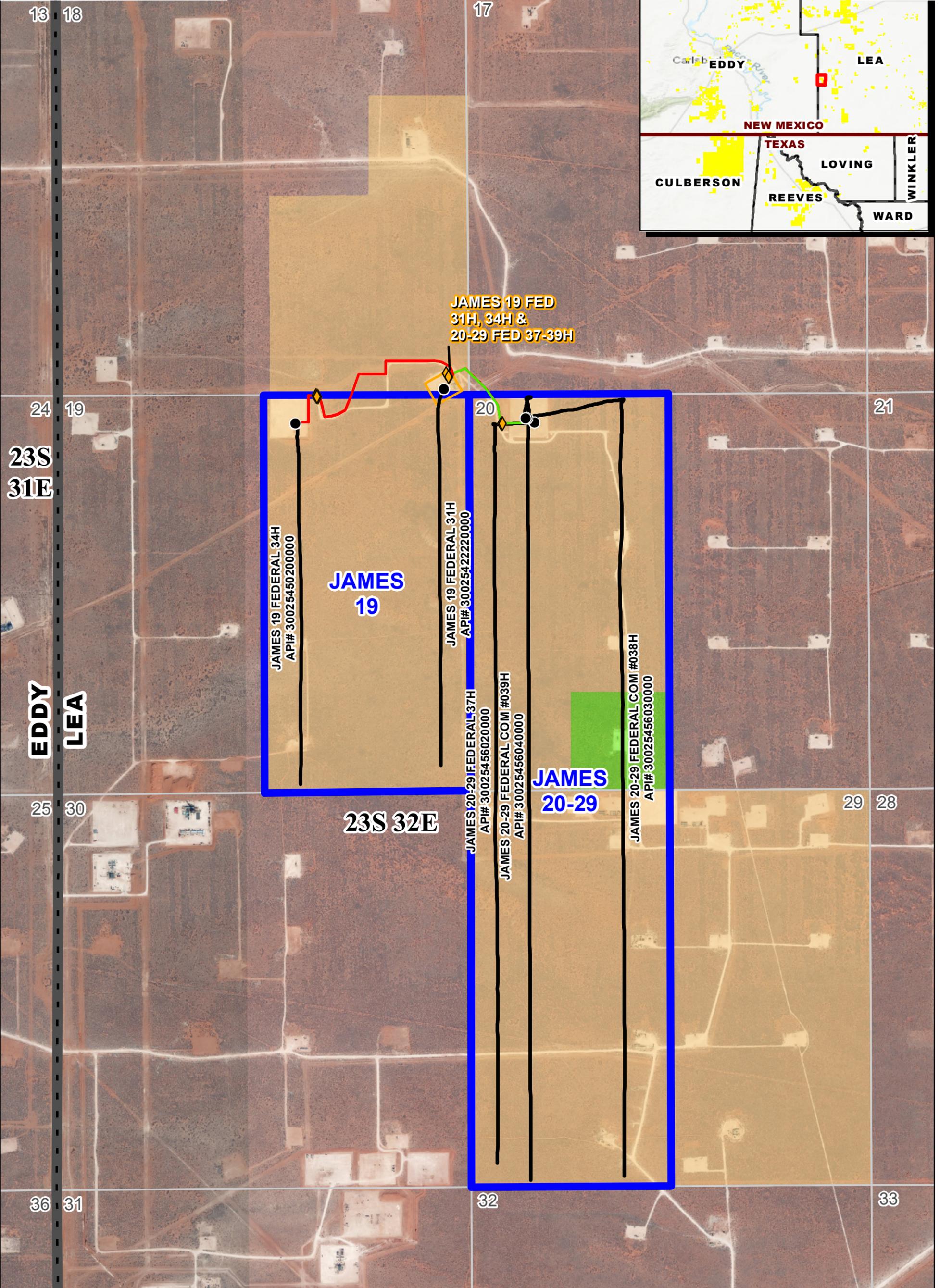
Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:



JAMES 19 FED
31H, 34H &
20-29 FED 37-39H

JAMES 19 FEDERAL 34H
 API# 3002545020000

JAMES 19

JAMES 19 FEDERAL 31H
 API# 3002542220000

JAMES 20-29 FEDERAL 37H
 API# 3002545602000

JAMES 20-29 FEDERAL COM #039H
 API# 3002545604000

JAMES 20-29

JAMES 20-29 FEDERAL COM #038H
 API# 3002545603000

23S 32E

LEA

EDDY

23S 31E

25 30

36 31

20

21

29 28

32

33

COTERRA

JAMES 19 & JAMES 20-29
Lea County, NM

Scale: 1:2,000,000
 CRS: NAD 1983 StatePlane New Mexico East
 Date: 10/27/2022
 Author: jdew

| | | |
|-----------------------|------------------|------------------|
| ● Operated Wells - SL | Pipelines | Leasehold |
| — Operated Wells | — Oil | ■ NMNM 559539 |
| ◆ Valves | — Gas | ■ NMNM 116573 |
| | □ Facilities | □ Units |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|
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Coterra Energy Inc.
600 N. Marienfeld Street
Suite 600
Midland, TX 79701

T 432-571-7800
F 432-571-7832
coterra.com

Cimarex Energy Co.

11/18/2022

Attn: Mr. Dean McClure
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

Subject: Application for Pool & Lease Commingling at Common Central Tank Battery
Lease: James 19 Federal & 20-29 Federal Com
Pool: Sand Dunes; Bone Spring South

Mr. McClure,

Pursuant to Division Rule 19.15.12.10, Cimarex Energy Co. respectfully requests administrative approval to Pool and Lease Commingle at a Common Central Tank Battery.

The Commingling and Allocation Approval (CAA) will not negatively affect the royalty revenue or reduce the total remaining production value.

Each well is metered individually. This action will prevent waste, promote conservation and protect correlative rights. The James 19 & 20-29 Federal Com battery is located in Section 18, T23S, R32E, Lea County, New Mexico.

These wells are operated by Cimarex Energy Co. with diverse ownership. There are 2 Federal leases and 1 proposed communitization agreements involved. Pursuant to Division Rule 19.15.12.10, the interest owners that are to be notified are listed and are being sent a copy of this application by certified mail with return receipt.

Also Attached:

- NMOCD Form C-107B
- NMOCD Administrative Application Checklist
- Summary Detail
- Lease plat shows boundaries, State Lease numbers, facility, wellhead and path of production
- Facility Diagram
- NMOCD form C-102 well plats for each well
- A copy of notice letter to interest owners and a copy of certified mail, return receipt request
- Copy of BLM sundry submittal

We respectfully request authority to add additional wells contained within the lease identified and approved in this application by filing a Subsequent Report Sundry to the Bureau of Land Management for Federal and filing a C-103Z and C-102 with the NMOVD. Notice to owners shall not be required when amending the application after previously approved for commingling authority.



Coterra Energy Inc.
600 N. Marienfeld Street
Suite 600
Midland, TX 79701

T 432-571-7800
F 432-571-7832
coterra.com

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g) we respectfully request the option to include additional production from the pools or leases listed in this application.

Thank you,

Brittany Gordon

Regulatory Analyst

432-620-1960

brittany.gordon@coterra.com

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.



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11/18/2022

Certified Mail – Return Receipt Requested

AFFECTED INTEREST OWNERS

Subject: Surface Commingling Application for Pool & Lease Commingling at Common Central Tank Battery
Lease: James 19 & 20-29 Federal Com
Location: All in Sections 18, 19, & 20, T23S, R32E, Lea County, NM
Pool: [53805] Sand Dunes; Bone Spring South

Dear Sir/Madam:

Enclosed please find our application to surface commingle production from all formations and/or pools at our James 19 & 20-29 Federal Com, Lea County, NM from existing and future wells filed on this date with the New Mexico Oil Conservation Division (NMOCD). We will also file an application with the Bureau of Land Management for a Federal commingling permit when applicable.

Any objection or requests for a hearing regarding this application must be submitted to the NMOCD Santa Fe office within 20 days of the date the application is submitted. No action is needed if you do not have any objections.

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g), Cimarex requests the option to include additional pools and/or leases with the defined parameters set forth in the order for future additions.

Please contact me by phone or email should you have any questions.

Sincerely,

Brittany Gordon

Regulatory Analyst
432-620-1960
brittany.gordon@coterra.com

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Cimarex Energy Co.

11/18/2022

Attn: Mr. Dean McClure
1220 S. St. Francis Dr.
Santa Fe, New Mexico 87505

Subject: Application for Pool & Lease Commingling at Common Central Tank Battery
Lease: James 19 Federal & 20-29 Federal Com
Pool: Sand Dunes; Bone Spring South

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Also Attached:

- NMOCD Form C-107B
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- Summary Detail
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Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g) we respectfully request the option to include additional production from the pools or leases listed in this application.

Thank you,

Brittany Gordon

Regulatory Analyst

432-620-1960

brittany.gordon@coterra.com

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Form C-107-B
Revised August 1, 2011

Submit the original
application to the Santa Fe
office with one copy to the
appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Cimarex Energy Co.
OPERATOR ADDRESS: 600 N. Marienfeld, Suite 600, Midland, TX 79701
APPLICATION TYPE:

Pool Commingling Lease Commingling Pool and Lease Commingling Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: Fee State Federal

Is this an Amendment to existing Order? Yes No If "Yes", please include the appropriate Order No.
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
Yes No

(A) POOL COMMINGLING
Please attach sheets with the following information

Table with 6 columns: (1) Pool Names and Codes, Gravities / BTU of Non-Commingled Production, Calculated Gravities / BTU of Commingled Production, Calculated Value of Commingled Production, Volumes

(2) Are any wells producing at top allowables? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)
(5) Will commingling decrease the value of production? Yes No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? Yes No
(3) Has all interest owners been notified by certified mail of the proposed commingling? Yes No
(4) Measurement type: Metering Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? Yes No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: [Signature] TITLE: Regulatory Analyst DATE: 11/16/2022
TYPE OR PRINT NAME: Brittany Gordon TELEPHONE NO.: 432-571-7800
E-MAIL ADDRESS: brittany.gordon@coterra.com

| | | | |
|-----------|-----------|-------|---------|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: |
|-----------|-----------|-------|---------|

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
 A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
 [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
 [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
 A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

| |
|-------------------------------------------------------|
| FOR OCD ONLY |
| <input type="checkbox"/> Notice Complete |
| <input type="checkbox"/> Application Content Complete |

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

Date

B. Jordan

 Signature

Phone Number

e-mail Address



COTERRA
James 19 & 20-29 Commingle Permit
(07.2022)

The James 19 & 20-29 CTB will be a 5-well facility. The facility will have the following wells producing to it:

- James 19 Federal 31H
- James 19 Federal 34H
- James 20-29 Fed Com 37H
- James 20-29 Fed Com 38H
- James 20-29 Fed Com 39H

PRODUCTION ALLOCATION

Production from each of the referenced wells enters its own individual separator. Each separator has its own Coriolis meter for oil, mag meter for water, and orifice meter for gas.

After separation, each oil stream flows through the commingled heater treater and then to the tanks before being measured by a LACT unit. The LACT unit will serve as the oil FMP.

The Gas from each separator flow through its own allocation orifice meter then flows to the gas FMP.

Allocation Method:

Oil Production:

Oil will be allocated daily to the well based upon the daily Coriolis meter volume. The meter is a Micro Motion Coriolis meter. Each well will have a daily factor that is a percentage of the total Coriolis volume for all referenced wells. The factor obtained from the test meter will be used to allocate the oil production volumes sold through the LACT.

Gas Production:

Gas will be allocated daily to the well based upon the daily allocation gas meter volume. The meter is an orifice meter. Each well will have a daily factor that is a percentage of the total allocation meter volume for all referenced wells. The factor obtained from each allocation meter will be used to allocate the gas sales volumes sold through the gas sales meter. The meters will be calibrated on a regulator basis per API, NMOCD, and BLM specifications.

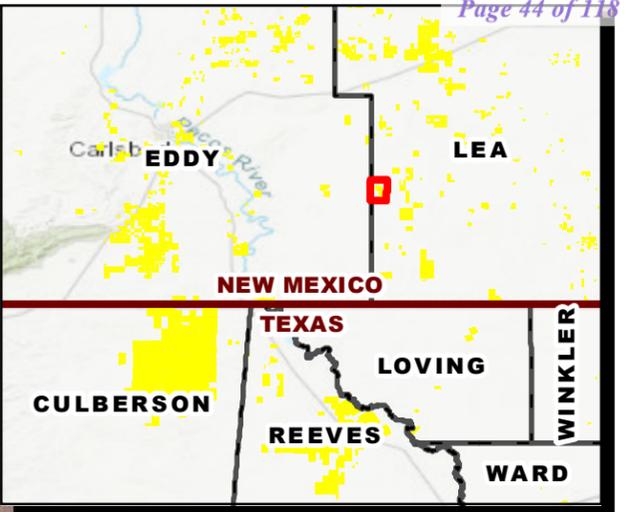
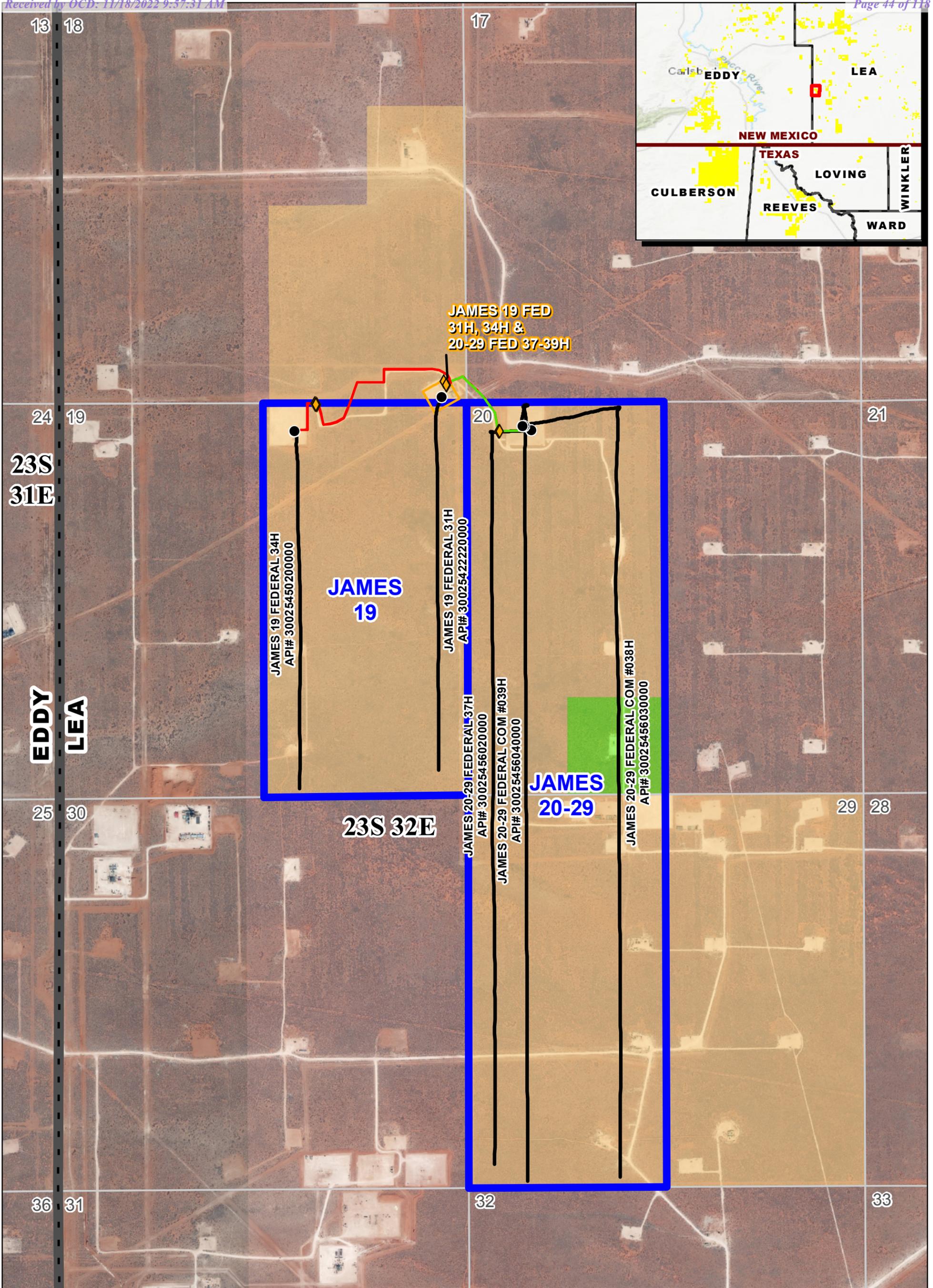
Additional Application Components:

The flow of production details is outlined on the enclosed facility diagram.

Commingling the production is the most effective means of producing the reserves. Cimarex understand the requested approval will not constitute the granting of any right of way or construction rights not granted by the lease instrument.

NMOCD does not require notification for projects with identical ownership.

The BLM and NMOCD will be notified of any changes to the CTB.



COTERRA

JAMES 19 & JAMES 20-29
Lea County, NM

Scale: 1:2,000,000
CRS: NAD 1983 StatePlane New Mexico East
Date: 10/27/2022
Author: jdew

| | | |
|-----------------------|------------------|------------------|
| ● Operated Wells - SL | Pipelines | Leasehold |
| — Operated Wells | — Oil | ■ NMNM 559539 |
| ◆ Valves | — Gas | ■ NMNM 116573 |
| | □ Facilities | □ Units |



**Application for Commingling and Allocation Approval
James 19 & 20-29 Federal Com Facility
Section 18, T23S, R32E
Lease Table
Exhibit 1**

| Well Name | Well Number | API | Formation | Comm Agreement | Federal Lease(s) | Federal Royalty | Type of Production Commingle |
|-----------------------------|-------------|--------------|--------------|--------------------------------------------------------------------------------|-------------------------|-----------------|---------------------------------|
| James 19 Federal 31H | 31 | 30-025-42222 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 19 Federal 34H | 34 | 30-025-45020 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 37H | 37 | 30-025-45602 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 38H | 38 | 30-025-45603 | Bone Springs | Proposed Comm Agreement - James 20-29 Fed Com 38H E/2W/2 of Sections 20 and 29 | NMNM0559539, NMNM116573 | 12.5% | Oil, Water, Gas |
| James 20-29 Federal Com 39H | 39 | 30-025-45604 | Bone Springs | | NMNM0559539 | 12.5% | Oil, Water, Gas |

Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

District I
1625 N. French Dr., Hobbs, NM 88240
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1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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District Office

OCD - HOBBS
04/17/2020
RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|--------------------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45602 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South <i>KZ</i> | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 37H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3677.6 |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 400 | NORTH | 855 | WEST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 332 | SOUTH | 325 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶

- = SURFACE HOLE LOCATION
- ◆ = LANDING POINT/
FIRST TAKE POINT
- = BOTTOM HOLE LOCATION/
LAST TAKE POINT
- ▲ = SECTION CORNER LOCATED

| NAD 83 (SURFACE HOLE LOCATION) | |
|-----------------------------------------|--|
| LATITUDE = 32°17'46.23" (32.296174°) | |
| LONGITUDE = 103°42'08.79" (103.702441°) | |
| NAD 27 (SURFACE HOLE LOCATION) | |
| LATITUDE = 32°17'45.78" (32.296051°) | |
| LONGITUDE = 103°42'07.04" (103.701957°) | |
| STATE PLANE NAD 83 (N.M. EAST) | |
| N: 472054.12' E: 736276.93' | |
| STATE PLANE NAD 27 (N.M. EAST) | |
| N: 471994.56' E: 695093.61' | |

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

¹⁷ OPERATOR CERTIFICATION

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

Fatima Vasquez 04/07/2020
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

August 30, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

REV: 3 06-25-19 J.N.
(WELL BORE CHANGE)

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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OIL CONSERVATION DIVISION
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45604 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 39H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3677.8 |

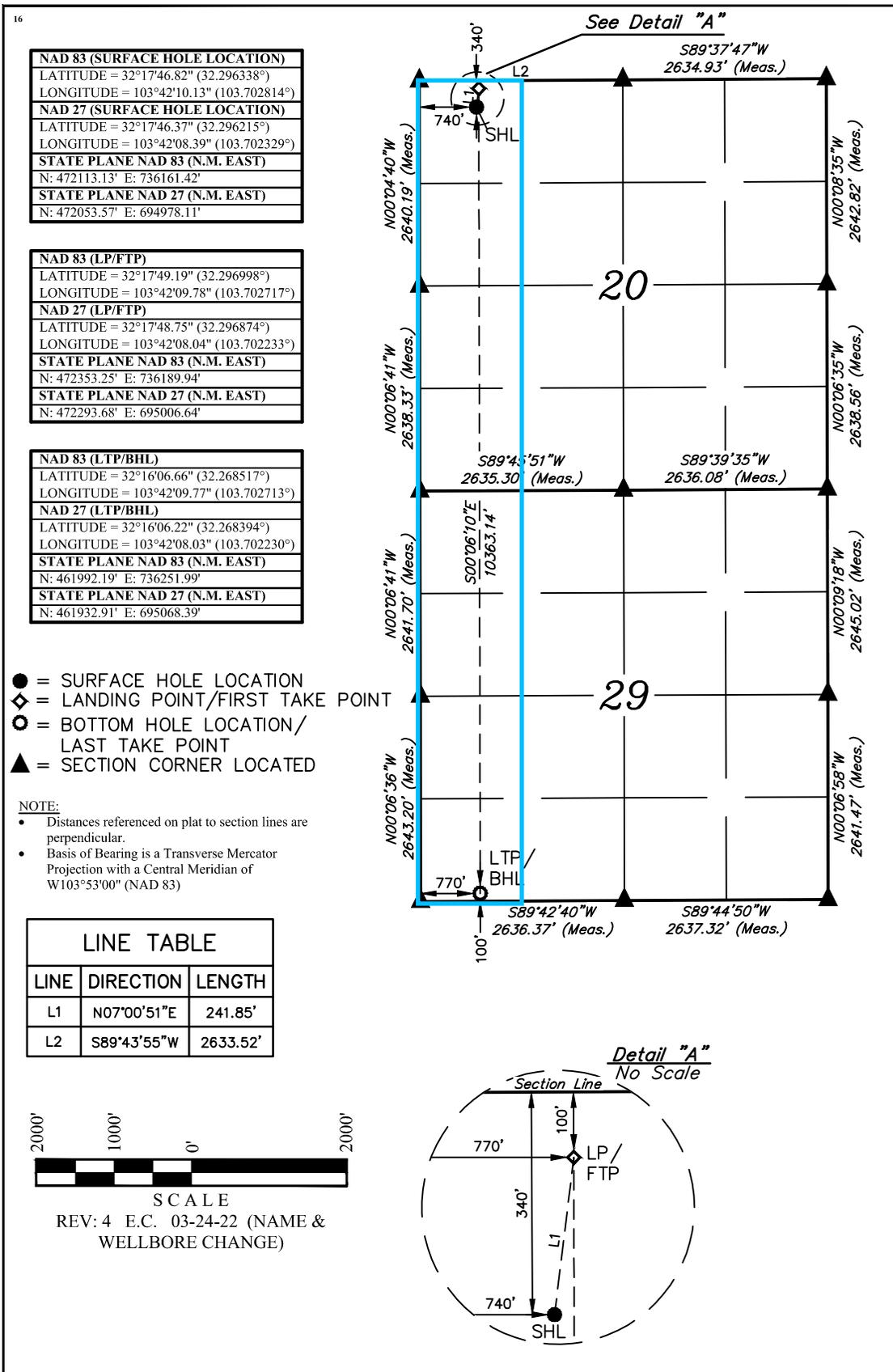
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 340 | NORTH | 740 | WEST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 100 | SOUTH | 770 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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

Fatima Vasquez 04/07/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

August 30, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
03-24-22
PROFESSIONAL SURVEYOR

Certificate Number:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------------|---------------------------------|
| ¹ API Number 30-025-42222 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 31H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3648' |

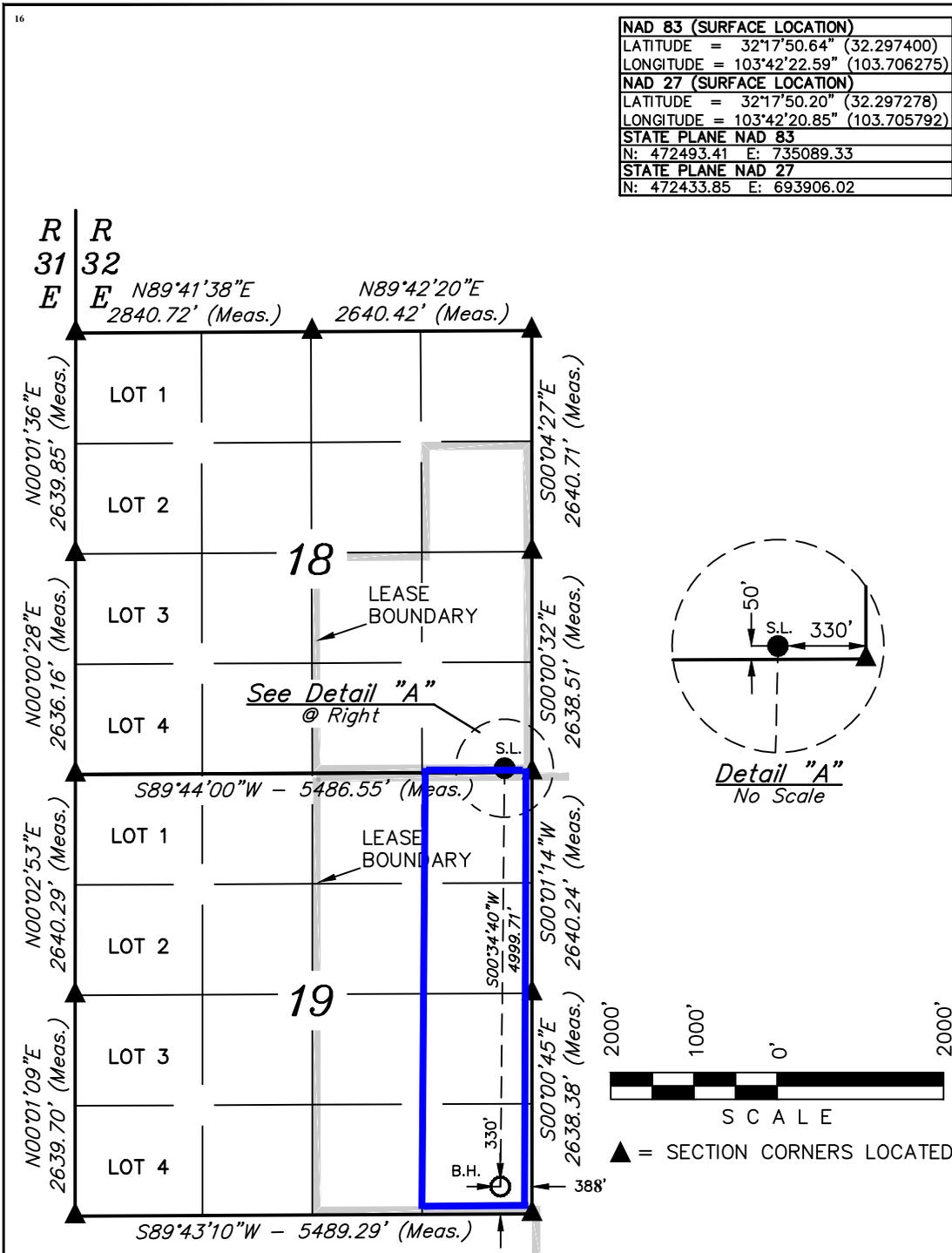
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 18 | 23S | 32E | | 50 | SOUTH | 330 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| P | 19 | 23S | 32E | | 330 | SOUTH | 388 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



| | |
|----------------------------------|----------------------------|
| NAD 83 (SURFACE LOCATION) | |
| LATITUDE = | 32°17'50.64" (32.297400) |
| LONGITUDE = | 103°42'22.59" (103.706275) |
| NAD 27 (SURFACE LOCATION) | |
| LATITUDE = | 32°17'50.20" (32.297278) |
| LONGITUDE = | 103°42'20.85" (103.705792) |
| STATE PLANE NAD 83 | |
| N: | 472493.41 E: 735089.33 |
| STATE PLANE NAD 27 | |
| N: | 472433.85 E: 693906.02 |

¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Fatima Vasquez 02/03/2021
Signature Date
Fatima Vasquez
Printed Name
fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
September 10, 2013
Date of Survey
Signature and Seal of Professional Surveyor:



REV: R.J. 11-07-17 (BH CHANGE)
NOTE:
• Distances referenced on plat to section lines are perpendicular.
• Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°41'57"

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|---------------------------------------------------------|-----------------------------------|
| ¹ API Number 30-025-45020 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 34H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3639.4' |

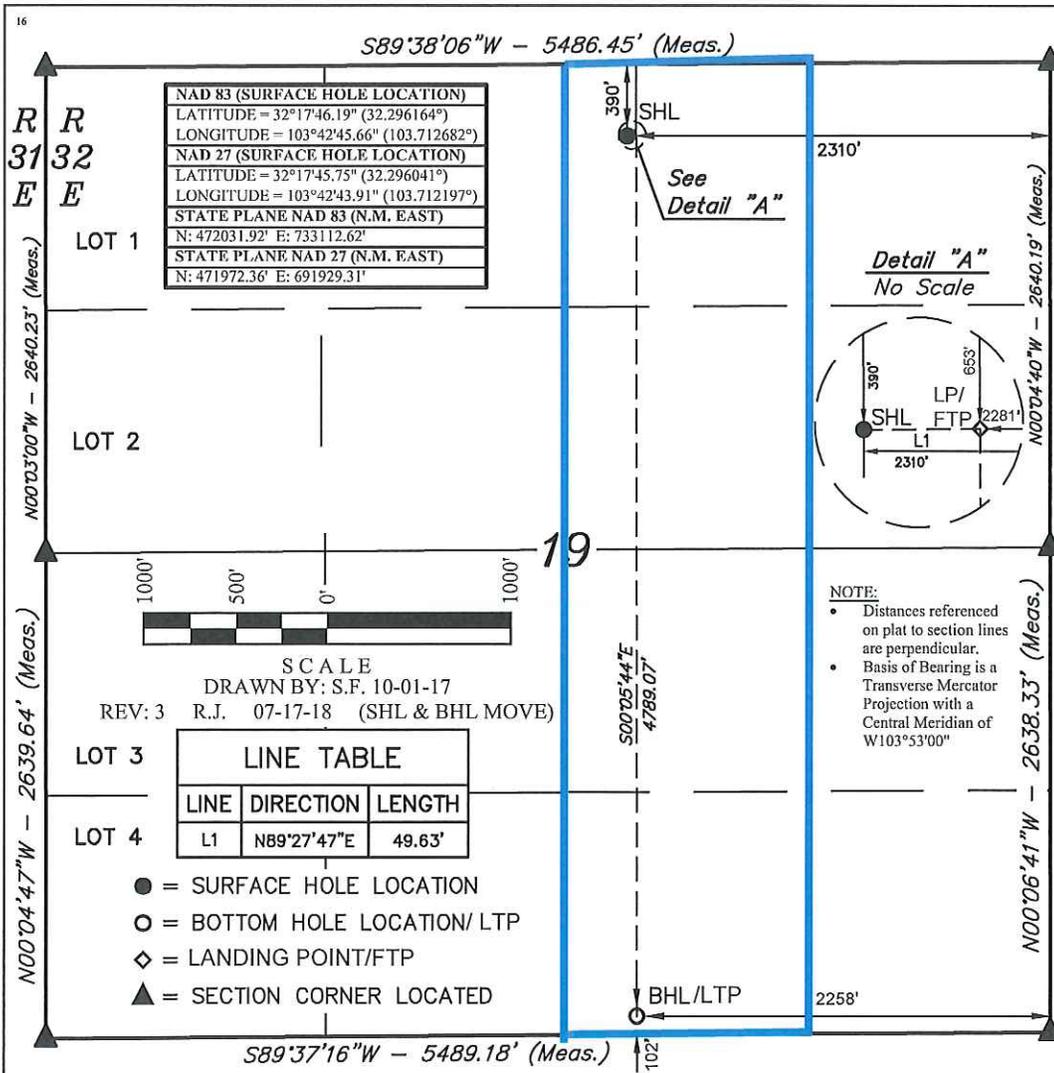
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 19 | 23S | 32E | | 390 | NORTH | 2310 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| O | 19 | 23S | 32E | | 102 | SOUTH | 2258 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

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

[Signature] 4/23/2019
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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

August 31, 2017
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
07-17-18
PROFESSIONAL SURVEYOR

Certificate Number:

District I
1625 N. French Dr., Hobbs, NM 88240
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Santa Fe, NM 87505

Form C-102
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District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45603 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 38H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3678.0 |

¹⁰ Surface Location

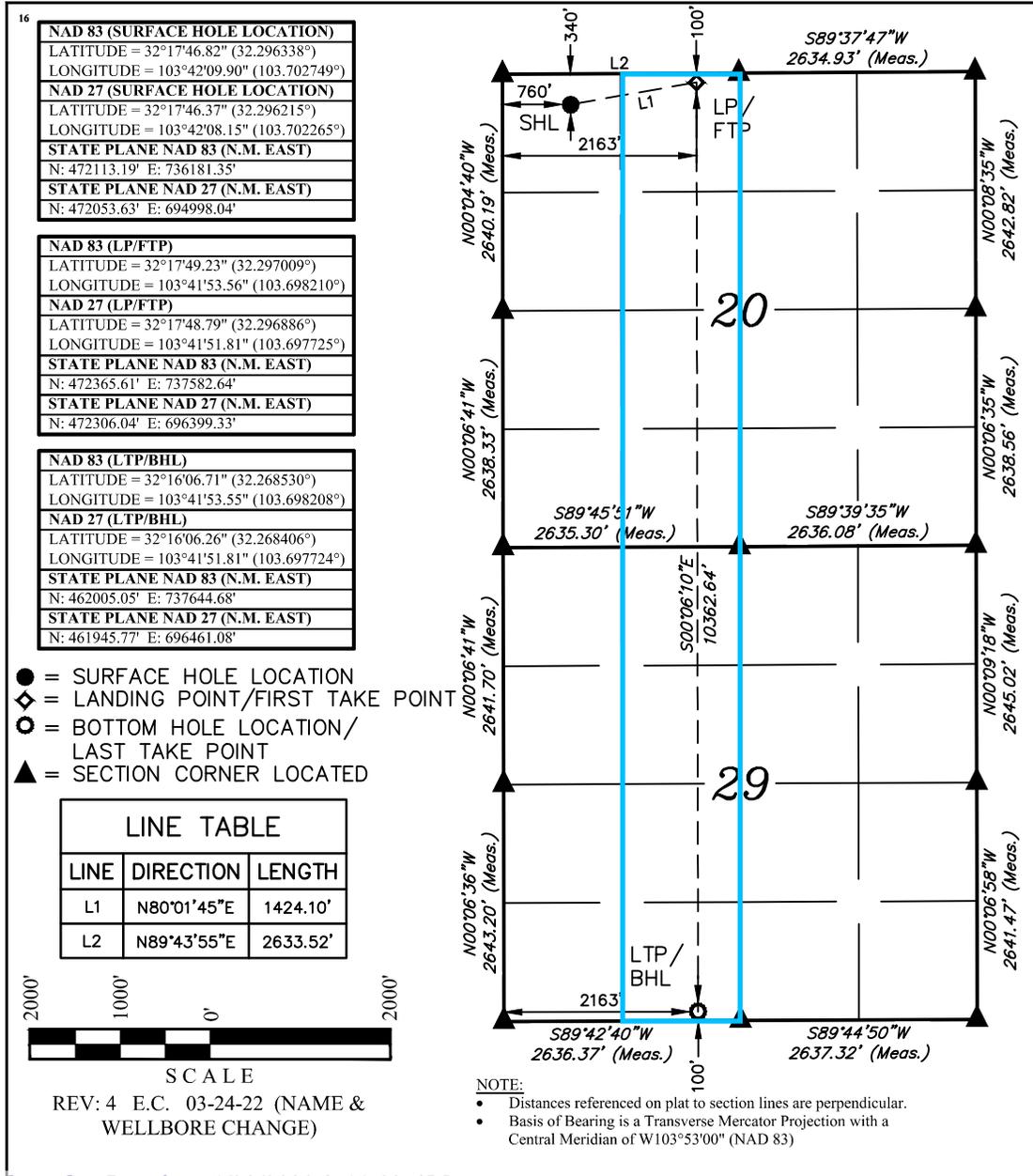
| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no. D | Section 20 | Township 23S | Range 32E | Lot Idn | Feet from the 340 | North/South line NORTH | Feet from the 760 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. N | Section 29 | Township 23S | Range 32E | Lot Idn | Feet from the 100 | North/South line SOUTH | Feet from the 2163 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

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

Fatima Vasquez 04/07/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

18 SURVEYOR CERTIFICATION

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

August 30, 2017

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|-------------|-------------|----------------|--------------|-------------|----------|
| JAMES 20-29 | 38H | 3002545603 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 37H | 3002545602 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 31H | 3002542222 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 39H | 3002545604 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 34H | 3002545020 | NMNM0559539 | NMNM0559539 | CIMAREX |

Notice of Intent

Sundry ID: 2686723

Type of Submission: Notice of Intent

Type of Action: Commingling (Surface)

Date Sundry Submitted:

Time Sundry Submitted:

Date proposed operation will begin: 10/17/2022

Procedure Description: Cimarex Energy respectfully requests approval to surface commingle oil, gas, and water production according to 43 CFR 3173.14 (a)(1)(i) at the James 19 & 20-29 Federal Com facility. The Commingling and Allocation Approval (CAA) will not negatively affect the royalty revenue of the federal government. Cimarex will utilize electronic automated measurements at the wellhead to measure oil, gas, and water separately from each well prior to commingling the production. The non-FMP allocation meters will meet BLM FMP regulations 43 CFR 3174 and 43 CFR 3175. Cimarex proposes that all leases/wells including in the application are capable of production in paying quantities. Please see Exhibit 6 for well test information for each well or anticipated production information for future wells. The Facility Measurement Point (FMP) is located on lease at the James 19 & 20-29 Federal Com facility located in the Section 18, T23S, R32E, Lea County, NM, BLM lease number NMNM 0559539 & NMNM 116573. The James 19 & 20-29 Federal Com facility was approved for construction in the James 19 Federal 31H well APD and no additional disturbance is required for the commingling activities. Attachments: Exhibit 1 – Lease Table Exhibit 2 – MASS Serial Register Page Exhibit 3 – Allocation Methodology Example Exhibit 4 – Allocation Methodology Example Details Exhibit 5 – Lease Map Exhibit 6 – Other Documents NMOCD Approval – Will request like approval. Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: BRITTANY GORDON

Signed on: OCT 17, 2022 01:19 PM

Name: CIMAREX ENERGY COMPANY

Title: Regulatory Analyst

Street Address: 600 N MARIENFELD STREET

City: MIDLAND

State: TX

Phone: (432) 571-7800

Email address: BRITTANY.GORDON@COTERRA.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

| Well Name | Well Number | US Well Number | Lease Number | Case Number | Operator |
|-------------|-------------|----------------|--------------|-------------|----------|
| JAMES 20-29 | 38H | 3002545603 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 37H | 3002545602 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 31H | 3002542222 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 20-29 | 39H | 3002545604 | NMNM0559539 | NMNM0559539 | CIMAREX |
| JAMES 19 | 34H | 3002545020 | NMNM0559539 | NMNM0559539 | CIMAREX |

Notice of Intent

Sundry ID: 2686723

Type of Submission: Notice of Intent

Type of Action: Commingling (Surface)

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Time Sundry Submitted:

Date proposed operation will begin: 10/17/2022

Procedure Description: Cimarex Energy respectfully requests approval to surface commingle oil, gas, and water production according to 43 CFR 3173.14 (a)(1)(i) at the James 19 & 20-29 Federal Com facility. The Commingling and Allocation Approval (CAA) will not negatively affect the royalty revenue of the federal government. Cimarex will utilize electronic automated measurements at the wellhead to measure oil, gas, and water separately from each well prior to commingling the production. The non-FMP allocation meters will meet BLM FMP regulations 43 CFR 3174 and 43 CFR 3175. Cimarex proposes that all leases/wells including in the application are capable of production in paying quantities. Please see Exhibit 6 for well test information for each well or anticipated production information for future wells. The Facility Measurement Point (FMP) is located on lease at the James 19 & 20-29 Federal Com facility located in the Section 18, T23S, R32E, Lea County, NM, BLM lease number NMNM 0559539 & NMNM 116573. The James 19 & 20-29 Federal Com facility was approved for construction in the James 19 Federal 31H well APD and no additional disturbance is required for the commingling activities. Attachments: Exhibit 1 – Lease Table Exhibit 2 – MASS Serial Register Page Exhibit 3 – Allocation Methodology Example Exhibit 4 – Allocation Methodology Example Details Exhibit 5 – Lease Map Exhibit 6 – Other Documents NMOCD Approval – Will request like approval. Coterra Energy Inc. is the result of the merger of Cimarex Energy Co. and Cabot Oil & Gas Corporation on October 1, 2021.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: BRITTANY GORDON

Signed on: OCT 17, 2022 01:19 PM

Name: CIMAREX ENERGY COMPANY

Title: Regulatory Analyst

Street Address: 600 N MARIENFELD STREET

City: MIDLAND **State:** TX

Phone: (432) 571-7800

Email address: BRITTANY.GORDON@COTERRA.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

CONFIDENTIAL

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
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Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|----------------------------------------------------------|---------------------------------|
| ¹ API Number 30-025-42222 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 31H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3648' |

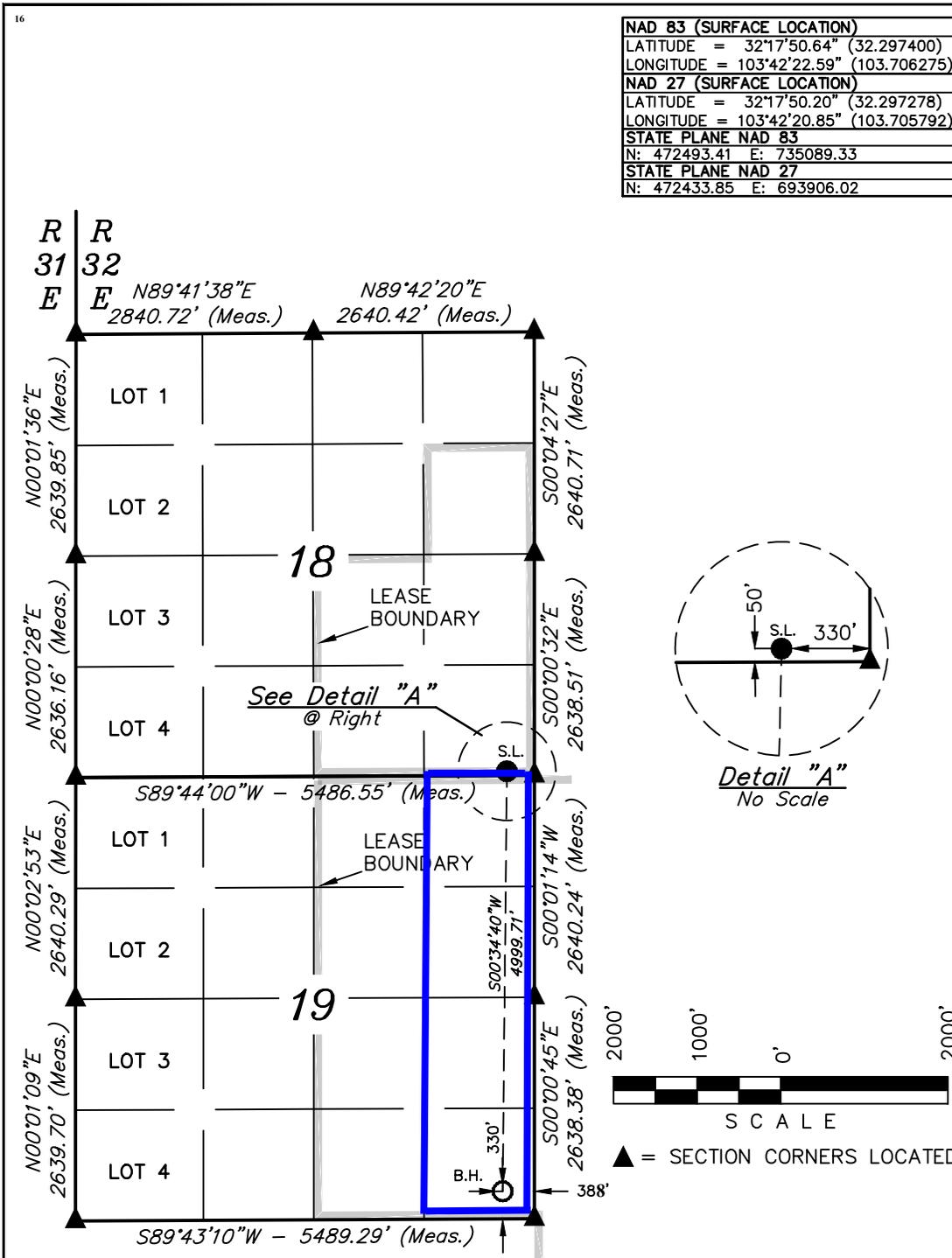
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| P | 18 | 23S | 32E | | 50 | SOUTH | 330 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| P | 19 | 23S | 32E | | 330 | SOUTH | 388 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Fatima Vasquez 02/03/2021
Signature Date
Fatima Vasquez
Printed Name
fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
September 10, 2013
Date of Survey
Signature and Seal of Professional Surveyor:



REV: R.J. 11-07-17 (BH CHANGE)

- NOTE:
- Distances referenced on plat to section lines are perpendicular.
 - Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°41'57"

Certificate Number:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|--------------------------------------------------|--|---------------------------------------------------------|-----------------------------------|
| ¹ API Number 30-025-45020 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring South | |
| ⁴ Property Code 313485 | | ⁵ Property Name JAMES 19 FEDERAL | | | ⁶ Well Number 34H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3639.4' |

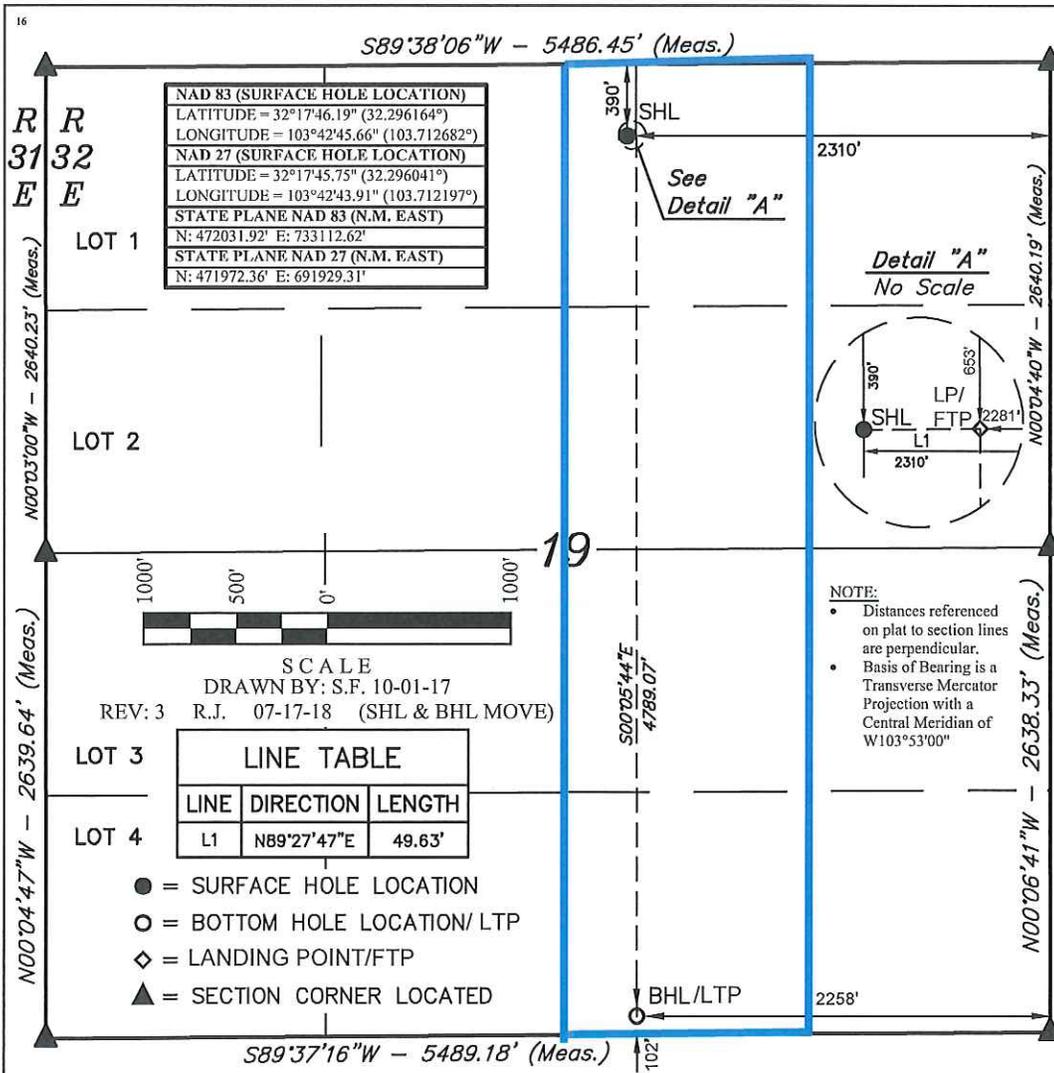
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| B | 19 | 23S | 32E | | 390 | NORTH | 2310 | EAST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| O | 19 | 23S | 32E | | 102 | SOUTH | 2258 | EAST | LEA |
| ¹² Dedicated Acres 160 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION

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

Signature: *Fatima Vasquez* Date: 4/23/2019

Printed Name: Fatima Vasquez

E-mail Address: fvasquez@cimarex.com

¹⁸ SURVEYOR CERTIFICATION

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

Date of Survey: August 31, 2017

Signature and Seal of Professional Surveyor: *Paul Buchele*

Certificate Number: 23782

District I
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Santa Fe, NM 87505

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Revised August 1, 2011
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45603 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 38H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3678.0 |

¹⁰ Surface Location

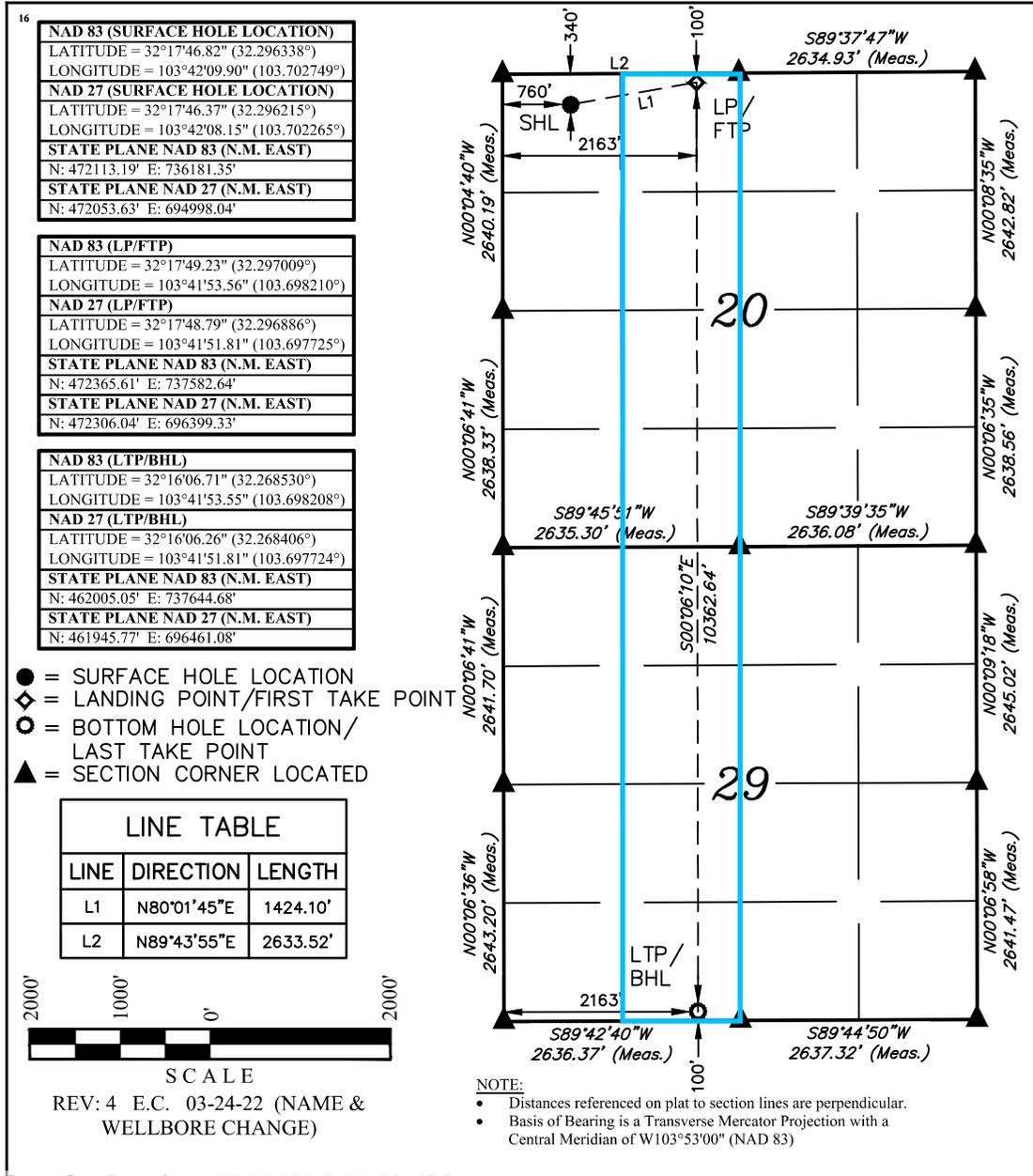
| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot no. D | Section 20 | Township 23S | Range 32E | Lot Idn | Feet from the 340 | North/South line NORTH | Feet from the 760 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|----------------------|------------------------|---------------|

¹¹ Bottom Hole Location If Different From Surface

| | | | | | | | | | |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot no. N | Section 29 | Township 23S | Range 32E | Lot Idn | Feet from the 100 | North/South line SOUTH | Feet from the 2163 | East/West line WEST | County LEA |
|--------------------|---------------|-----------------|--------------|---------|----------------------|---------------------------|-----------------------|------------------------|---------------|

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 320 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ Order No. |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Fatima Vasquez 04/07/2022
Signature Date
Fatima Vasquez
Printed Name
fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
August 30, 2017
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

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OCD - HOBBS
04/17/2020
RECEIVED

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|-----------------------------------------|-------------------------------------------------------|----------------------------------------------------------|
| ¹ API Number 30-025-45602 | ² Pool Code 53805 | ³ Pool Name Sand Dunes; Bone Spring, South |
| ⁴ Property Code 313723 | ⁵ Property Name JAMES 20-29 FEDERAL COM | |
| ⁷ OGRID No. 215099 | ⁸ Operator Name CIMAREX ENERGY CO. | ⁶ Well Number 37H |
| | | ⁹ Elevation 3677.6 |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 400 | NORTH | 855 | WEST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 332 | SOUTH | 325 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶

- = SURFACE HOLE LOCATION
- ◆ = LANDING POINT/
FIRST TAKE POINT
- = BOTTOM HOLE LOCATION/
LAST TAKE POINT
- ▲ = SECTION CORNER LOCATED

| NAD 83 (SURFACE HOLE LOCATION) | |
|--------------------------------------|-----------------------------------------|
| LATITUDE = 32°17'46.23" (32.296174°) | LONGITUDE = 103°42'08.79" (103.702441°) |
| NAD 27 (SURFACE HOLE LOCATION) | |
| LATITUDE = 32°17'45.78" (32.296051°) | LONGITUDE = 103°42'07.04" (103.701957°) |
| STATE PLANE NAD 83 (N.M. EAST) | |
| N: 472054.12' E: 736276.93' | |
| STATE PLANE NAD 27 (N.M. EAST) | |
| N: 471994.56' E: 695093.61' | |

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"

LINE TABLE

| LINE | DIRECTION | LENGTH |
|------|-------------|---------|
| L1 | S89°43'33"W | 525.34' |

¹⁷ OPERATOR CERTIFICATION

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Fatima Vasquez 04/07/2020
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

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August 30, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | | | | |
|-----------------------------------------|--|-------------------------------------------------------|--|----------------------------------------------------------|----------------------------------|
| ¹ API Number 30-025-45604 | | ² Pool Code 53805 | | ³ Pool Name Sand Dunes; Bone Spring, South | |
| ⁴ Property Code 313723 | | ⁵ Property Name JAMES 20-29 FEDERAL COM | | | ⁶ Well Number 39H |
| ⁷ OGRID No. 215099 | | ⁸ Operator Name CIMAREX ENERGY CO. | | | ⁹ Elevation 3677.8 |

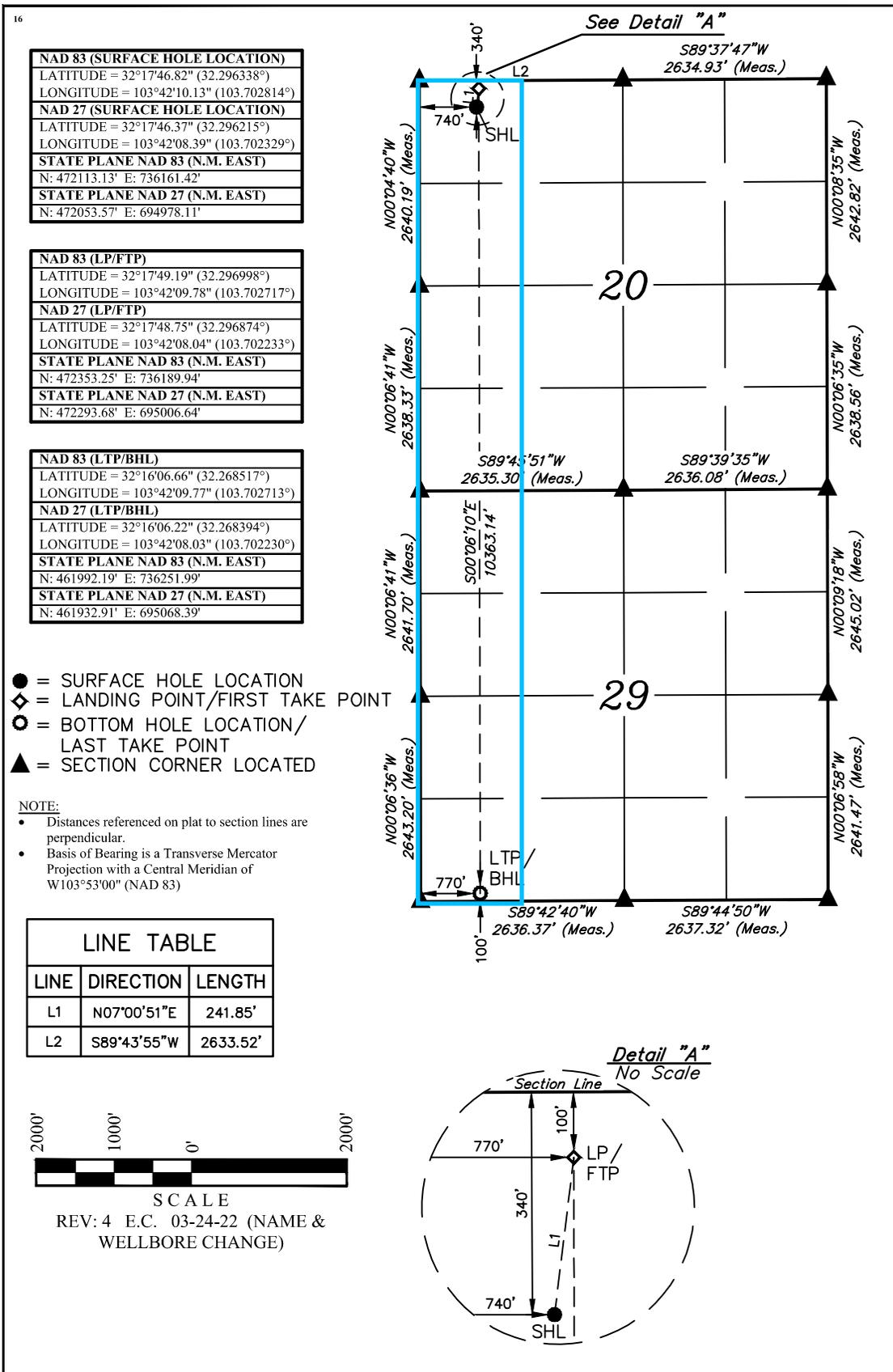
¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 20 | 23S | 32E | | 340 | NORTH | 740 | WEST | LEA |

¹¹ Bottom Hole Location If Different From Surface

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|--------------------------------------|---------|-------------------------------|-------|----------------------------------|---------------|-------------------------|---------------|----------------|--------|
| M | 29 | 23S | 32E | | 100 | SOUTH | 770 | WEST | LEA |
| ¹² Dedicated Acres 320 | | ¹³ Joint or Infill | | ¹⁴ Consolidation Code | | ¹⁵ Order No. | | | |

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Fatima Vasquez 04/07/2022
 Signature Date

Fatima Vasquez
 Printed Name

fatima.vasquez@coterra.com
 E-mail Address

¹⁸ SURVEYOR CERTIFICATION
 I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

August 30, 2017
 Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
 NEW MEXICO
 23782
 03-24-22
 PROFESSIONAL SURVEYOR

Certificate Number:

Federal Communitization Agreement

Contract No. _____

THIS AGREEMENT entered into as of the 1st day of November, 2022, by and between the parties subscribing, ratifying, or consenting hereto, such parties being hereinafter referred to as "parties hereto."

WITNESSETH:

WHEREAS, the Act of February 25, 1920 (41 Stat. 437), as amended and supplemented, authorizes communitization or drilling agreements communitizing or pooling a Federal oil and gas lease, or any portion thereof, with other lands, whether or not owned by the United States, when separate tracts under such Federal lease cannot be independently developed and operated in conformity with an established well-spacing program for the field or area and such communitization or pooling is determined to be in the public interest; and

WHEREAS, the parties hereto own working, royalty or other leasehold interests, or operating rights under the oil and gas leases and lands subject to this agreement which cannot be independently developed and operated in conformity with the well-spacing program established for the field or area in which said lands are located; and

WHEREAS, the parties hereto desire to communitize and pool their respective mineral interests in lands subject to this agreement for the purpose of developing and producing communitized substances in accordance with the terms and conditions of this agreement:

NOW, THEREFORE, in consideration of the premises and the mutual advantages to the parties hereto, it is mutually covenanted and agreed by and between the parties hereto as follows:

1. The lands covered by this agreement (hereinafter referred to as "communitized area") are described as follows:

Township 23 South, Range 32 East, N.M.P.M.

Section 20: E/2W/2

Section 29: E/2W/2

Lea County, New Mexico

Containing **320.00 acres**, and this agreement shall include only the **Bone Spring Formation** underlying said lands and the natural gas and associated liquid hydrocarbons hereafter referred to as "communitized substances," producible from such formation(s).

2. Attached hereto, and made a part of this agreement for all purposes is Exhibit "A", a plat designating the communitized area and, Exhibit "B", designating the operator of the communitized area and showing the acreage, percentage and ownership of oil and gas interests in all lands within the communitized area, and the authorization, if any, for communitizing or pooling any patented or fee lands within the communitized area.
3. The Operator of the communitized area shall be Cimarex Energy Co., 600 N. Marienfeld, Ste. 600, Midland, TX 79701. All matters of operations shall be governed by the operator under and pursuant to the terms and provisions of this agreement. A successor operator may be designated by the owners of the working interest in the communitized area and four (4) executed copies of a designation of successor operator shall be filed with the Authorized Officer.
4. Operator shall furnish the Secretary of the Interior, or his authorized representative, with a log and history of any well drilled on the communitized area, monthly reports of operations, statements of oil and gas sales and royalties and such other reports as are deemed necessary to compute monthly the royalty due the United States, as specified in the applicable oil and gas operating regulations.
5. The communitized area shall be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

The communitized area approved in this Agreement contains unleased Federal lands. The value of 12 ½ percent for the Federal lands, of the production that would be allocated to such Federal lands, described above, if such lands were leased, committed and entitle to participation, shall be payable as compensatory royalties to the Federal government. Parties to the Agreement holding working interest in committed leases within the applicable communitized area are responsible for such royalty payments on the volume of the production reallocated from the unleased Federal lands to their communitized tracts as set forth in Exhibit "B" attached hereto. The value of such production subject to the payment of said royalties shall be determined pursuant to the method set forth in 30 CFR Part 1206 for the unleased Federal lands. Payment of compensatory royalties on the production reallocated from the unleased Federal lands to the committed tracts within the communitized area shall fulfill the Federal royalty obligation for such production. Payment of compensatory royalties, as provided herein, shall accrue from the last day of the calendar month next following the calendar month of actual production. Payment due under this provision shall end when the Federal tract is leased or when production of communitized substances ceases within the communitized area and the Communitization Agreement is terminated, whichever occurs first.

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

- Any party acquiring a Federal lease of the unleased Federal lands included in the communitized area established hereunder, will be subject to this Agreement as of the effective date of the Federal leases to said party (ies). Upon issuance of the Federal lease and payment of its proportionate cost of the well, including drilling, completing and equipping the well, the acquiring party (ies) shall own the working interest described in the Tract, as described on Exhibit "B", and shall have the rights and obligations of said working interest as to the effective date of the Federal Lease.
6. The royalties payable on communitized substances allocated to the individual leases comprising the communitized area and the rentals provided for in said leases shall be determined and paid on the basis prescribed in each of the individual leases. Payments of rentals under the terms of leases subject to this agreement shall not be affected by this agreement except as provided for under the terms and provisions of said leases or as may herein be otherwise provided. Except as herein modified and changed, the oil and gas leases subject to this agreement shall remain in full force and effect as originally made and issued. It is agreed that for any Federal lease bearing a sliding- or step-scale rate of royalty, such rate shall be determined separately as to production from each communitization agreement to which such lease may be committed, and separately as to any noncommunitized lease production, provided, however, as to leases where the rate of royalty for gas is based on total lease production per day, such rate shall be determined by the sum of all communitized production allocated to such a lease plus any noncommunitized lease production.
 7. There shall be no obligation on the lessees to offset any well or wells completed in the same formation as covered by this agreement on separate component tracts into which the communitized area is now or may hereafter be divided, nor shall any lessee be required to measure separately communitized substances by reason of the diverse ownership thereof, but the lessees hereto shall not be released from their obligation to protect said communitized area from drainage of communitized substances by a well or wells which may be drilled offsetting said area.
 8. The commencement, completion, continued operation, or production of a well or wells for communitized substances on the communitized area shall be construed and considered as the commencement, completion, continued operation, or production on each and all of the lands within and comprising said communitized area, and operations or production pursuant to this agreement shall be deemed to be operations or production as to each lease committed hereto.
 9. Production of communitized substances and disposal thereof shall be in conformity with allocation, allotments, and quotas made or fixed by any duly authorized person or regulatory body under applicable Federal or State statutes. This agreement shall be subject to all applicable Federal and State laws or executive orders, rules and regulations, and no party hereto shall suffer a forfeiture or be liable in damages for failure to comply with any of the provisions of this agreement if such compliance

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

- is prevented by, or if such failure results from, compliance with any such laws, orders, rules or regulations.
10. The date of this agreement is October 1, 2020, and it shall become effective as of this date or from the onset of production of communitized substances, whichever is earlier upon execution by the necessary parties, notwithstanding the date of execution, and upon approval by the Secretary of the Interior or by his duly authorized representative, and shall remain in force and effect for a period of 2 years and for as long as communitized substances are, or can be, produced from the communitized area in paying quantities: Provided, that prior to production in paying quantities from the communitized area and upon fulfillment of all requirements of the Secretary of the Interior, or his duly authorized representative, with respect to any dry hole or abandoned well, this agreement may be terminated at any time by mutual agreement of the parties hereto. This agreement shall not terminate upon cessation of production if, within 60 days thereafter, reworking or drilling operations on the communitized area are commenced and are thereafter conducted with reasonable diligence during the period of nonproduction. The 2-year term of this agreement will not in itself serve to extend the term of any Federal lease which would otherwise expire during said period.
 11. The covenants herein shall be construed to be covenants running with the land with respect to the communitized interests of the parties hereto and their successors in interests until this agreement terminates and any grant, transfer, or conveyance of any such land or interest subject hereto, whether voluntary or not, shall be and hereby is conditioned upon the assumption of all obligations hereunder by the grantee, transferee, or other successor in interest, and as to Federal land shall be subject to approval by the Secretary of the Interior, or his duly authorized representative.
 12. It is agreed between the parties hereto that the Secretary of the Interior, or his duly authorized representative, shall have the right of supervision over all Fee and State mineral operations within the communitized area to the extent necessary to monitor production and measurement, and assure that no avoidable loss of hydrocarbons occur in which the United States has an interest pursuant to applicable oil and gas regulations of the Department of the Interior relating to such production and measurement.
 13. This agreement shall be binding upon the parties hereto and shall extend to and be binding upon their respective heirs, executors, administrators, successors, and assigns.
 14. This agreement may be executed in any number of counterparts, no one of which needs to be executed by all parties, or may be ratified or consented to by separate instrument, in writing, specifically referring hereto, and shall be binding upon all

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

parties who have executed such a counterpart, ratification or consent hereto with the same force and effect as if all parties had signed the same document.

- 15. Nondiscrimination. In connection with the performance of work under this agreement, the operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246 (30F.R. 12319), as amended, which are hereby incorporated by reference in this agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement as of the day and year first above written and have set opposite their respective names the date of execution.

Cimarex Energy Co., OPERATOR

Date

By: _____
Bradley Cantrell, Attorney-in-Fact

ACKNOWLEDGEMENT

STATE OF _____)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of Texas, personally appeared Bradley Cantrell, known to me to be the Attorney-In-Fact of Cimarex Energy Co., a Delaware corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on

_____ by _____

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Larry G. Engwall and wife, Brenda J. Bryant

Date

By: _____
Print Name:

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022

by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Steven Engwall

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Patrick J. F. Gratton and wife, Jean M. Gratton

Date

By: _____
Print Name:

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022

by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Tara N. Fedric, Trustee of the Tara N. Fedric Living Trust

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Centennial LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Earl A. Latimer, III, and wife, Kathryn S. Latimer

Date

By: _____
Print Name:

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Marker Petroleum, Inc.

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Calvin R. Kimbrough, Trustee of the Ann
Kimbrough Revocable Trust Share of The
Calvin and Ann Kimbrough Revocable Trust

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2022, before me, a Notary Public for the State of
_____ personally appeared _____, known to me to
be the _____ of _____, a _____
corporation that executed the foregoing instrument and acknowledged to me such
corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Har-Vest LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Kerry D. Hunter

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

State of _____)

) ss.

County of _____)

This instrument was acknowledged before me on _____, 2022
by _____.

(Seal, if any)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

J4 Family Limited Partnership

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

H. Lee Harvard and Jeffery L. Harvard Co-Trustees of the H. Lee and Joanne W. Harvard Trust

Date

By: _____
Print Name:

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ___ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Tumbler Energy Partners, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Harvard Petroleum Company, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

EOG Resources, Inc.

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Devon Energy Production Company, LP

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Mavros Oil Company, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

TBO Oil & Gas, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Crump Family Partnership, Ltd.

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Tarpon Engineering Corp.

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Warren Ventures, Ltd.

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

CD Ray Exploration, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

WORKING INTEREST OWNERS

Stillwater Investments

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

RECORD TITLE OWNERS

Occidental Permian Limited Partnership

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

RECORD TITLE OWNERS

CD Ray Exploration, LLC

Date

By: _____
Print Name:

ACKNOWLEDGEMENT

STATE OF TEXAS)
) ss.
COUNTY OF _____)

On this ____ day of _____, 2022, before me, a Notary Public for the State of _____ personally appeared _____, known to me to be the _____ of _____, a _____ corporation that executed the foregoing instrument and acknowledged to me such corporation executed the same.

(SEAL)

My Commission Expires

Notary Public

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

SELF CERTIFICATION STATEMENT FOR COMMUNITIZATION AGREEMENT WORKING INTEREST

COMMUNITIZATION AGREEMENT: _____

I, the undersigned, hereby certify, on behalf of Cimarex Energy Co., the Operator under the captioned Communitization Agreement, that all working interest owners shown on Exhibit "B" attached to the Communitization Agreement are, to the best of my knowledge, the true and correct owners of the leases committed to the Communitization Agreement, and the consents of the requisite working interest owners have been obtained.

I, further certify that the Communitization Agreement follows the standard form except for Sections 1 and 10.

NAME: _____ (signature of officer)

Printed: Bradley Cantrell

TITLE: Attorney-In-Fact

Phone number: (432) 571-7807, **Email:** Brad.Cantrell@coterra.com

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

EXHIBIT "A"

Plat of communitized area covering 640.00 acres in the E/2W/2 Sections 20 and 29, Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico.

James 20-29 Federal Com 38H

| | | | |
|--|---------------------------------|--|-----------|
| | Tract 1 NMNM 0559539 | | 20 |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |
| | Tract 2 NMNM 116573 | | |
| | Tract 1 NMNM 0559539 | | 29 |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |
| | Tract 1 NMNM 0559539 | | |

Tract 1: NW/4 & NE/4SW/4 of Section 20
E/2W/2 of Section 29
Tract 2: SE/4SW/4 of Section 20

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

EXHIBIT "B"

To Communitization Agreement Dated November 1, 2022 embracing the following described land in Sections 20 & 29, Township 23 South, Range 32 East, N.M.P.M, Lea County, NM.

Operator of Communitized Area: Cimarex Energy Co.

DESCRIPTION OF LEASES COMMITTEDTract No. 1

| | |
|-------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Lease Serial Number: | NMNM 0559539 |
| Lessor: | United States of America |
| Lessee: | Midwest Oil Corporation |
| Date: | April 1, 1966 |
| Description of Land Committed: | Township 23 South, Range 32 East, Section 20: NW/4 and NE/4SW/4 Section 29: E/2W/2 |
| Number of Acres: | 280.00 |
| Record Title Owner: | Occidental Permian L.P. |
| Name of Working Interest Owners: | |
| Ball Oil and Gas, LLC | 0.46972600% |
| Capitan Mountain Oil & Gas, LLC | 0.46972600% |
| Gerald Childress and wife, Martha G. Childress | 0.35379000% |
| Larry G. Engwall and wife, Brenda J. Bryant | 0.14786600% |
| Steven Engwall | 0.14786600% |
| Robert J. Gallivan, Jr. and wife, Barbara Gallivan | 0.31308800% |
| Patrick J. F. Gratton and wife, Jean M. Gratton | 11.1175960% |
| Tara N. Fedric, Trustee of the Tara N. Fedric Living Trust | 0.15654400% |
| Centennial LLC | 0.23486400% |
| Earl A. Latimer III, and wife, Kathryn S. Latimer | 0.46972600% |
| Marker Petroleum, Inc. | 2.34863300% |
| Calvin R. Kimbrough, Trustee of the Ann Kimbrough Revocable Trust | |
| Share of The Calvin and Ann Kimbrough Revocable Trust | 0.25000000% |
| Har-Vest LLC | 0.93945400% |
| Kerry D. Hunter | 0.53079200% |
| J4 Family Limited Partnership | 0.53079200% |

Communitization Agreement – James 20-29 Fed Com 38H
E/2W/2 of Sections 20 and 29,
Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

| | |
|---------------------------------------------------|-------------|
| H. Lee Harvard and Jeffery L. Harvard Co-Trustees | 1.19427900% |
| of the H. Lee and Joanne W. Harvard Trust | |
| Tumbler Energy Partners, LLC | 0.93926400% |
| Harvard Petroleum Company, LLC | 9.76911700% |
| EOG Resources, Inc. | 16.0427250% |
| Cimarex Energy Co. | 53.5741520% |

Tract No. 2

| | |
|-------------------------------------|-----------------------------------------------------------|
| Lease Serial Number: | NMNM 116573 |
| Lessor: | United States of America |
| Lessee: | Charles D. Ray |
| Date: | September 1, 2006 |
| Description of Land Committed: | Township 23 South, Range 32 East, Section 20: SE/4SW/4 |
| Number of Acres: | 40.00 |
| Record Title Owner: | CD Ray Exploration, LLC |
| Name of Working Interest Owners: | |
| Devon Energy Production Company, LP | 79.81250000% |
| Mavros Oil Company, LLC | 4.50000000% |
| TBO Oil & Gas, LLC | 0.18750000% |
| Crump Family Partnership, Ltd. | 3.75000000% |
| Tarpon Engineering Corp. | 0.75000000% |
| Warren Ventures, Ltd. | 3.00000000% |
| CD Ray Exploration, LLC | 5.75000000% |
| Stillwater Investments | 2.25000000% |

RECAPITULATION

| Tract No. | No. Acres Committed | Percentage of Interest in Communitized Area |
|-----------|---------------------|---------------------------------------------|
| 1 | 280.00 | 87.50% |
| 2 | 40.00 | 12.50% |
| | 320.00 | 100.00% |

Communitization Agreement – James 20-29 Fed Com 38H
 E/2W/2 of Sections 20 and 29,
 Township 23 South, Range 32 East, N.M.P.M., Lea County, New Mexico

| | | | |
|-----------|-----------|-------|---------|
| RECEIVED: | REVIEWER: | TYPE: | APP NO: |
|-----------|-----------|-------|---------|

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Geological & Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Applicant: _____ **OGRID Number:** _____
Well Name: _____ **API:** _____
Pool: _____ **Pool Code:** _____

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

- 1) **TYPE OF APPLICATION:** Check those which apply for [A]
- A. Location – Spacing Unit – Simultaneous Dedication
 NSL NSP (PROJECT AREA) NSP (PRORATION UNIT) SD
- B. Check one only for [I] or [II]
- [I] Commingling – Storage – Measurement
 DHC CTB PLC PC OLS OLM
- [II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- 2) **NOTIFICATION REQUIRED TO:** Check those which apply.
- A. Offset operators or lease holders
 B. Royalty, overriding royalty owners, revenue owners
 C. Application requires published notice
 D. Notification and/or concurrent approval by SLO
 E. Notification and/or concurrent approval by BLM
 F. Surface owner
 G. For all of the above, proof of notification or publication is attached, and/or,
 H. No notice required

| |
|-------------------------------------------------------|
| FOR OCD ONLY |
| <input type="checkbox"/> Notice Complete |
| <input type="checkbox"/> Application Content Complete |

3) **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

 Print or Type Name

Date

B. Jordan

 Signature

Phone Number

e-mail Address

From: [McClure, Dean, EMNRD](#) on behalf of [Engineer, OCD, EMNRD](#)
To: [Brittany Gordon](#)
Cc: [McClure, Dean, EMNRD](#); [Kautz, Paul, EMNRD](#); [Wrinkle, Justin, EMNRD](#); [Powell, Brandon, EMNRD](#); lisa@rwbyram.com; [Paradis, Kyle O](#); [Walls, Christopher](#)
Subject: Approved Administrative Order CTB-1080
Date: Monday, January 30, 2023 8:01:59 AM
Attachments: [CTB1080 Order.pdf](#)

NMOCD has issued Administrative Order CTB-1080 which authorizes Cimarex Energy Company (215099) to surface commingle or off-lease measure, as applicable, the following wells:

| Well API | Well Name | UL or Q/Q | S-T-R | Pool |
|--------------|---------------------------|-----------|------------|-------|
| 30-025-42222 | James 19 Federal #31H | E/2 E/2 | 19-23S-32E | 53805 |
| 30-025-45020 | James 19 Federal #34H | W/2 E/2 | 19-23S-32E | 53805 |
| 30-025-45602 | James 20 Federal Com #37H | W/2 W/2 | 20-23S-32E | 53805 |
| | | W/2 W/2 | 29-23S-32E | |
| 30-025-45603 | James 20 Federal Com #38H | E/2 W/2 | 20-23S-32E | 53805 |
| | | E/2 W/2 | 29-23S-32E | |
| 30-025-45604 | James 20 Federal Com #39H | W/2 W/2 | 20-23S-32E | 53805 |
| | | W/2 W/2 | 29-23S-32E | |

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure
 Petroleum Engineer, Oil Conservation Division
 New Mexico Energy, Minerals and Natural Resources Department
 (505) 469-8211

From: [Brittany Gordon](#)
To: [McClure, Dean, EMNRD](#)
Cc: [Kania Schlichting](#)
Subject: [EXTERNAL] RE: surface commingling application CTB-1080
Date: Wednesday, January 25, 2023 2:32:24 PM
Attachments: [Affidavit of Publication - James 19 20-29.msg](#)
[BLM Sundry Report James 19 Fed 31H Acreage Change Approved.pdf](#)

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

Mr. McClure,

The central tank battery and gas sales meter are located in SE/4 SE/4 of Section 18. The first attachment is the email originally sent 11/28/2022 with the affidavit.

I've created a [C-103Z] Sub. General Sundry Action ID 179603, attached is the BLM approved sundry for the dedicated acreage correction that was not previously provided to the OCD.

I hope this is sufficient for your request. Thank you very much for your detailed response.

Brittany Gordon | Regulatory Analyst
T: 432.620.1960 | Brittany.Gordon@coterra.com

From: McClure, Dean, EMNRD <Dean.McClure@emnrn.nm.gov>
Sent: Monday, January 23, 2023 12:28 PM
To: Brittany Gordon <Brittany.Gordon@coterra.com>
Subject: [EXTERNAL] surface commingling application CTB-1080

WARNING: This email originated from outside of Coterra Energy. Do not click links or open attachments unless you recognize the sender, are expecting the content and know it is safe.

Ms. Gordon,

I am reviewing surface commingling application CTB-1080 which involves a commingling project that includes the James 19 & 20 29 Central Tank Battery and is operated by Cimarex Energy Company (215099).

Please provide the quarter-quarter for the central tank battery and for the gas sales meter.

It looks like public notice was conducted for this application; if so, please provide the affidavit of publication.

It appears that the following well is supposed to only be within the E/2 E/2 of section 19, but the OCD well details indicates that the HSU also includes the SE/4 SE/4 of section 18. Presuming that it is correct that the SE/4 SE/4 of section 18 should not be included, please submit a stand alone C-102 and send me the action ID once it is submitted.

Please note that failure to take steps to address each of the topics addressed in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once the topics have been fully addressed.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

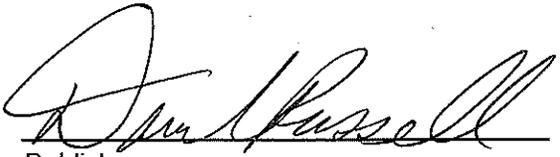
This message may contain confidential and/or privileged information. If you are not the addressee or authorized to receive this for the addressee, you must not use, copy, disclose or take any action based on this message or any information herein. If you have received this message in error, please advise the sender immediately by reply e-mail and delete this message.

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
November 20, 2022
and ending with the issue dated
November 20, 2022.



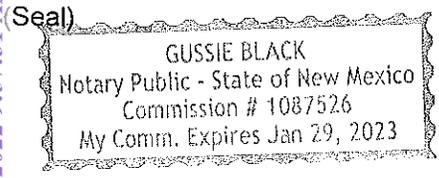
Publisher

Sworn and subscribed to before me this
20th day of November 2022.



Business Manager

My commission expires
January 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
November 20, 2022

Notice of Application for Surface & Pool Commingle

STATE OF NEW MEXICO
ENERGY, MINERAL AND NATURAL RESOURCES
DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim in the following and notice to the public.

(Note: All land descriptions herein refer to the New Mexico, Principal Meridian whether or not so stated.)

Lease: James 19 & 20-29 Federal Com

Application of Cimarex Energy Co. for Approval of Surface & Pool Commingle, Lea County, New Mexico.

Application seeks authority to surface & pool commingle production.

Pursuant to Statewide Rule 19.15.12.10 (C)(4)(g), Cimarex requests the option to include additional pools and/or leases with the defined parameters set forth in the order for future additions.

Location: Section 18, 19 & 20; Township 23S; Range 32E; Lea County, New Mexico

Pool: [53805] SAND DUNES; BONE SPRING, SOUTH

Applicant: Cimarex Energy Co., Attn: Brittany Gordon, 600 N. Marienfeld Street, Suite 600, Midland, Texas 79701.

Interested parties must file objections or requests for hearing in writing with the divisions Santa Fe Office within 20 days of this publication, or the division may approve this application.
#00273311

02108629

00273311

REGULATORY
CIMAREX ENERGY CO.
600 N. MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

Advertising Invoice

Hobbs Daily News-Sun

201 N Thorp
P. O. Box 850
Hobbs, NM 88241

Phone: 575-393-2123
Fax: 575-397-0610
URL: www.hobbsnews.com

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NOV 28 2022

BY:

REGULATORY
CIMAREX ENERGY CO.
600 N. MARIENFELD STREET SUITE 600
MIDLAND, TX 79701

Customer #: 02108629
Phone: (432)571-7800
Date: 11/17/2022
Ad #: 00273311
Salesperson: HA Ad Taker: Kayla

Class: 672
Sort Line: 273311 JAMES 19 & 20-29

Ad Notes: PER BRITTANY GORDON
JAMES 19 & 20-29

| Description | Amount |
|---------------------------------|--------|
| AFF2 Affidavits (Legals) | 6.25 |
| BOLD bold | 1.00 |
| | 6.08 |
| 07 07 Daily News-Sun 2022-11-20 | 83.60 |

Ad Text:

LEGAL NOTICE
November 20, 2022

Notice of Application for Surface & Pool Commingle

STATE OF NEW MEXICO
ENERGY, MINERAL AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
SANTA FE, NEW MEXICO

STATE OF NEW MEXICO TO:
All named parties and persons having any right, title, interest or claim

Payment Reference:

null

Total: 90.85
Tax: 6.08
Net: 96.93
Prepaid: null

Total Due 96.93

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

**APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY CIMAREX ENERGY COMPANY**

ORDER NO. CTB-1080

ORDER

The Director of the New Mexico Oil Conservation Division (“OCD”), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Cimarex Energy Company (“Applicant”) submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A (“Application”).
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. To the extent that ownership is diverse, Applicant provided notice of the Application to all persons owning an interest in the oil and gas production to be commingled, including the owners of royalty and overriding royalty interests, regardless of whether they have a right or option to take their interests in kind, and those persons either submitted a written waiver or did not file an objection to the Application.
5. Applicant provided notice of the Application to the Bureau of Land Management (“BLM”) or New Mexico State Land Office (“NMSLO”), as applicable.
6. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10.C.(4)(g) NMAC.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.
8. Applicant submitted or intends to submit one or more proposed communitization agreement(s) (“Proposed Agreement(s)”) to the BLM or NMSLO, as applicable, identifying the acreage of each lease to be consolidated into a single pooled area (“Pooled Area”), as described in Exhibit B.

CONCLUSIONS OF LAW

9. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.
11. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.
12. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.
13. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.
14. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.
15. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from the pools, leases, and wells identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

Applicant is authorized to store and measure oil and gas production off-lease from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A at a central tank battery or gas title transfer meter described in Exhibit A.

2. For each Pooled Area described in Exhibit B, Applicant shall submit a Proposed Agreement to the BLM or NMSLO, as applicable, prior to commencing oil and gas production. If Applicant fails to submit the Proposed Agreement, this Order shall terminate on the following day.

No later than sixty (60) days after the BLM or NMSLO approves or denies a Proposed Agreement, Applicant shall submit a Form C-103 to OCD with a copy of the decision and a description of the approved lands, as applicable. If Applicant withdraws or the BLM or NMSLO denies a Proposed Agreement, this Order shall terminate on the date of such action, and Applicant shall cease commingling the production from the Pooled Area. If the BLM or NMSLO approves but modifies the Proposed Agreement(s), Applicant shall comply with the approved Agreement(s), and no later than sixty (60) days after such decision, Applicant shall submit a new surface commingling application to OCD to conform this Order with the approved Agreement(s). If Applicant fails to submit the new surface commingling application or OCD denies the new surface commingling application, this Order shall terminate on the date of such action.

Applicant shall allocate the oil and gas production to each lease within a Pooled Area in proportion to the acreage that each lease bears to the entire acreage of the Pooled Area described in Exhibit B until the Proposed Agreement which includes the Pooled Area is approved. After the Proposed Agreement is approved, the oil and gas production from the Pooled Area shall be allocated as required by the BLM's or NMSLO's, as applicable, approval of the Agreement, including any production that had been allocated previously in accordance with this Order.

3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.
4. The oil and gas production for each well identified in Exhibit A shall be separated and metered prior to commingling it with production from another well.
5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.
6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.
7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.
8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later

than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

- 9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
- 10. If a well is not included in Exhibit A but produces from a pool and lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
- 11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
- 12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
- 13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

**STATE OF NEW MEXICO
OIL CONSERVATION DIVISION**



DYLAN M. FUGE
DIRECTOR (ACTING)

DATE: 1/28/2023

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: CTB-1080
Operator: Cimarex Energy Company (215099)
Central Tank Battery: James 19 & 20 29 Central Tank Battery
Central Tank Battery Location: UL P, Section 18, Township 23 South, Range 32 East
Gas Title Transfer Meter Location: UL P, Section 18, Township 23 South, Range 32 East

Pools

| Pool Name | Pool Code |
|-------------------------------|-----------|
| SAND DUNES;BONE SPRING, SOUTH | 53805 |

Leases as defined in 19.15.12.7(C) NMAC

| Lease | UL or Q/Q | S-T-R |
|------------------------------|-------------|------------|
| | E/2 | 19-23S-32E |
| NMNM105552818 (NMNM 0559539) | W/2 minus N | 20-23S-32E |
| | W/2 | 29-23S-32E |
| NMNM105385859 (NMNM 116573) | N | 20-23S-32E |

Wells

| Well API | Well Name | UL or Q/Q | S-T-R | Pool |
|--------------|---------------------------|-----------|------------|-------|
| 30-025-42222 | James 19 Federal #31H | E/2 E/2 | 19-23S-32E | 53805 |
| 30-025-45020 | James 19 Federal #34H | W/2 E/2 | 19-23S-32E | 53805 |
| 30-025-45602 | James 20 Federal Com #37H | W/2 W/2 | 20-23S-32E | 53805 |
| | | W/2 W/2 | 29-23S-32E | |
| 30-025-45603 | James 20 Federal Com #38H | E/2 W/2 | 20-23S-32E | 53805 |
| | | E/2 W/2 | 29-23S-32E | |
| 30-025-45604 | James 20 Federal Com #39H | W/2 W/2 | 20-23S-32E | 53805 |
| | | W/2 W/2 | 29-23S-32E | |

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit B

Order: CTB-1080
Operator: Cimarex Energy Company (215099)

Pooled Areas

| Pooled Area | UL or Q/Q | S-T-R | Acres | Pooled Area ID |
|--------------------|-----------|------------|-------|----------------|
| CA Bone Spring BLM | E/2 W/2 | 20-23S-32E | 320 | A |
| | E/2 W/2 | 29-23S-32E | | |

Leases Comprising Pooled Areas

| Lease | UL or Q/Q | S-T-R | Acres | Pooled Area ID |
|------------------------------|-----------|------------|-------|----------------|
| NMNM105552818 (NMNM 0559539) | C F K | 20-23S-32E | 280 | A |
| | C F K N | 29-23S-32E | | |
| NMNM105385859 (NMNM 116573) | N | 20-23S-32E | 40 | A |

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos 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) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 160014

CONDITIONS

| | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------|
| Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701 | OGRID: 215099 |
| | Action Number: 160014 |
| | Action Type: [C-107] Surface Commingle or Off-Lease (C-107B) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| dmcclure | Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me. | 1/30/2023 |