

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE EXTENT
NECESSARY, APPROVAL OF AN OVERLAPPING
SPACING UNIT, EDDY COUNTY, NEW MEXICO**

CASE No. 25259

NOTICE OF REVISED EXHIBIT PACKET

Cimarex Energy Co. of Colorado ("Cimarex") hereby submits this notice of a Revised Exhibit Packet, revised as follows:

- 1) Revised Table of Contents to substitute Jenny Blake for Cahill Kelleghan as Geologist.
- 2) Revised Land Declaration paragraph 15 to remove references to certain exhibits that actually appear in the Reservoir Engineer exhibits.
- 3) Revised Geology Declaration to:
 - a. Update name of geologist from Cahill Kelleghan to Jenny Blake;
 - b. Correct the contour interval in paragraph 6 from 50 feet to 100 feet.
 - c. Correct the contour interval in paragraph 7 from 25 feet to 50 feet.
 - d. Revised paragraph 8 to reflect that the Second and Third Bone Spring are constituent across the unit.
 - e. Revised paragraph 10 to reflect the orientation of the wells in this case.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Deana M. Bennett
Earl E. DeBrine, Jr.
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
Deana.bennett@modrall.com
Earl.debrine@modrall.com
Yarithza.pena@modrall.com

CERTIFICATE OF SERVICE

I hereby certify that on May 8, 2025, I served a copy of the foregoing document to the following counsel of record via Electronic Mail to:

James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
505-982-2043
jamesbruc@aol.com
Attorney for MRC Permian

Michael H. Feldewert
Adam G. Rankin
Paula M. Vance
Post Office Box 2208
Santa Fe, New Mexico 87504
(505) 988-4421
mfeldewert@hollandhart.com
Attorneys for ConocoPhillips Company

Miguel A. Suazo
James P. Parrot
James L. Everhart 5
00 Don Gaspar Ave.
Santa Fe, NM 87505
(505) 946-2090
msuazo@bwenergylaw.com
jparrot@bwenergylaw.com
jeverhart@bwenergylaw.com
Attorneys for XTO Permian Operating LLC

By: Deana M. Bennett
Deana M. Bennett

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**APPLICATION FOR APPROVAL
OF A NON-STANDARD UNIT,
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SPACING UNIT, EDDY COUNTY, NEW MEXICO**

CASE No. 25259



A SUBSIDIARY OF COTERRA

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
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EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

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- Exhibit B-2: Wellbore Schematic
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COMPULSORY POOLING APPLICATION CHECKLIST**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

Case: 25259	APPLICANT'S RESPONSE
Hearing Date:	May 8, 2025
Applicant	Cimarex Energy Co. of Colordao
Designated Operator & OGRID (affiliation if applicable)	Cimarex Energy Co. of Colordao (16268)
Applicant's Counsel:	Modrall Sperling
Case Title:	APPLICATION OF CIMAREX ENERGY CO. FOR APPROVAL OF A NON-STANDARD UNIT, COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY, APPROVAL OF AN OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	ConocoPhillips; MRC Permian; XTO Permian Operating LLC
Well Family	Laguna Grande
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring
Pool Name and Pool Code:	Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857)
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	1280
Building Blocks:	40 acres
Orientation:	East-West
Description: TRS/County	All of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	No. Approval of a 1280-acre non-standard unit is being requested in this application. See generally Exhibit C.
Other Situations	
Depth Severance: Y/N. If yes, description	No.
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	N/A
Applicant's Ownership in Each Tract	See Exhibit A-4/A-5
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed



Well #1: Laguna Grande Fed Com 29-28 #1H	<p>API No. Pending</p> <p>SHL: 1736' FNL & 769' FWL, (Unit E), Section 29, T23S, R29E</p> <p>BHL: 331' FNL & 100' FEL, (Unit A) Section 28, T23S, R29E</p> <p>FTP: 331' FNL & 100' FWL, Section 29, T23S, R29E LTP: 331' FNL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Second Bone Spring (Approx. 8,750' TVD)</p> <p>Orientation: East/West</p>
Well #2: Laguna Grande Fed Com 29-28 #2H	<p>API No. Pending</p> <p>SHL: 1756' FNL & 769' FWL, (Unit E), Section 29, T23S, R29E</p> <p>BHL: 331' FNL & 100' FEL, (Unit A) Section 28, T23S, R29E</p> <p>FTP: 331' FNL & 100' FWL, Section 29, T23S, R29E LTP: 331' FNL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Second Bone Spring (Approx. 8,750' TVD)</p> <p>Orientation: East/West</p>
Well #3: Laguna Grande Fed Com 29-28 #3H	<p>API No. Pending</p> <p>SHL: 1776' FNL & 769' FWL, (Unit E), Section 29, T23S, R29E</p> <p>BHL: 1870' FNL & 100' FEL, (Unit H) Section 28, T23S, R29E</p> <p>FTP: 1870' FNL & 100' FWL, Section 29, T23S, R29E LTP: 1870' FNL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Second Bone Spring (Approx. 8,750' TVD)</p> <p>Orientation: East/West</p>
Well #3: Laguna Grande Fed Com 29-28 #4H	<p>API No. Pending</p> <p>SHL: 1796' FNL & 769' FWL, (Unit E), Section 29, T23S, R29E</p> <p>BHL: 1870' FNL & 100' FEL, (Unit H) Section 28, T23S, R29E</p> <p>FTP: 1870' FNL & 100' FWL, Section 29, T23S, R29E LTP: 1870' FNL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Second Bone Spring (Approx. 8,750' TVD)</p> <p>Orientation: East/West</p>
Well #4: Laguna Grande Fed Com 29-28 #5H	<p>API No. Pending</p> <p>SHL: 1305' FSL & 395' FWL, (Unit M), Section 29, T23S, R29E</p> <p>BHL: 1870' FSL & 100' FEL, (Unit I) Section 28, T23S, R29E</p> <p>FTP: 1870' FSL & 100' FWL, Section 29, T23S, R29E LTP: 1870' FSL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Third Bone Spring (Approx. 9,000' TVD)</p> <p>Orientation: East/West</p>
Well #6: LLaguna Grande Fed Com 29-28 #6H	<p>API No. Pending</p> <p>SHL: 1285' FSL & 395' FWL, (Unit M), Section 29, T23S, R29E</p> <p>BHL: 1870' FSL & 100' FEL, (Unit I) Section 28, T23S, R29E</p> <p>FTP: 1870' FSL & 100' FWL, Section 29, T23S, R29E LTP: 1870' FSL & 100' FEL, Section 28, T23S, R29E</p> <p>Completion Target: Third Bone Spring(Approx. 9,000' TVD)</p> <p>Orientation: East/West</p>

Well #7: Laguna Grande Fed Com 29-28 #7H	API No. Pending SHL: 1265' FSL & 395' FWL, (Unit M), Section 29, T23S, R29E BHL: 330' FSL & 100' FEL, (Unit P) Section 28, T23S, R29E FTP: 330' FSL & 100' FWL, Section 29, T23S, R29E LTP: 330' FNL & 100' FEL, Section 28, T23S, R29E Completion Target: Third Bone Spring (Approx. 9,000' TVD) Orientation: East/West
Well #8: Laguna Grande Fed Com 29-28 #8H	API No. Pending SHL: 1245' FSL & 395' FWL, (Unit M), Section 29, T23S, R29E BHL: 330' FSL & 100' FEL, (Unit P) Section 28, T23S, R29E FTP: 330' FSL & 100' FWL, Section 29, T23S, R29E LTP: 330' FNL & 100' FEL, Section 28, T23S, R29E Completion Target: Third Bone Springy (Approx. 9,000' TVD) Orientation: East/West
Horizontal Well First and Last Take Points	Exhibit A-3
Completion Target (Formation, TVD and MD)	Exhibit A-6
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000. Exhibit A-2, Paragraph 18
Production Supervision/Month \$	\$8000. Exhibit A-2, Paragraph 18
Justification for Supervision Costs	See Exhibit A-2, Paragraph 18
Requested Risk Charge	200%. Exhibit A-2, Paragraph 19
Notice of Hearing	
Proposed Notice of Hearing	Exhibits A-1; D-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D-2 and D-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D-4
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Land Ownership Schematic of the Spacing Unit	Exhibit A-4
Tract List (including lease numbers and owners)	Exhibit A-4
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice	Exhibit A-8
Pooled Parties (including ownership type)	Exhibit A-5
Unlocatable Parties to be Pooled	N/A
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
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C-102	Exhibit A-3
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Structure Contour Map - Subsea Depth	Exhibit B-3, B-4
Cross Section Location Map (including wells)	Exhibits B-1
Cross Section (including Landing Zone)	Exhibits B-5
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Deana M. Bennett
Signed Name (Attorney or Party Representative):	/s/ Deana M. Bennett
Date:	5/1/2025

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

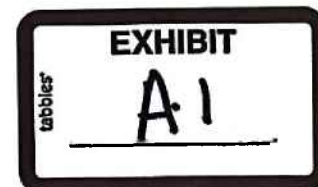
**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
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OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Bone Spring spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit. In support of this application, Cimarex states as follows:

1. Cimarex has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to form a 1280-acre, more or less, Bone Spring horizontal spacing unit in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857).
3. Cimarex seeks approval of the 1280-acre non-standard spacing unit because approval of this application will allow Cimarex to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. Cimarex seeks to dedicate the unit to the following wells:



- a. **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
 - b. **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
 - c. **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and
 - d. **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.
5. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.
6. This proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units, which are in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- a. A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- b. A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- c. A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- d. A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

7. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit, and approving, to the extent necessary, the overlapping spacing unit, will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. Approval of a non-standard spacing unit will allow Cimarex to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, Cimarex requests that this case is set for hearing before an Examiner of the Oil Conservation Division on April 10th, 2025, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Pooling all uncommitted mineral interests in the Bone Spring formation underlying a horizontal spacing unit within Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County;
- D. Designating Cimarex as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Cimarex to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800

edebrine@modrall.com

deana.bennett@modrall.com

varithza.pena@modrall.com

Attorneys for Applicant

CASE NO. 25259: Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

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CASE NO. 25259

SELF-AFFIRMED STATEMENT OF DYLAN PARK

Dylan Park hereby states and declares as follows:

1. I am over the age of 18, I am a landman for Coterra Energy Inc. ("Coterra"). Coterra was formed by the merger of Cabot Oil and Gas Corporation and Cimarex Energy Co. Coterra has several subsidiaries. This application was filed on behalf of Cimarex Energy Co. Cimarex Energy Co. of Colorado is a subsidiary of Cimarex Energy Co., which recently changed its name to Coterra Energy Operating Co. Cimarex Energy Co. of Colorado will be the operator of these wells. Cimarex Energy Co. of Colorado's OGRID is 16268. I refer to Cimarex Energy Co. of Colorado as Cimarex in this declaration, and that is what is also used in the Geologist and Reservoir Engineer declarations.
2. I have previously testified before the Oil Conservation Division ("Division") and my credentials as an expert petroleum landman were accepted as a matter of record.
3. I have personal knowledge of the matters stated herein.
4. My area of responsibility at Cimarex includes the area Eddy County in New Mexico.
5. I am familiar with the application filed in this case, which is attached as **Exhibit A-1**.
6. I am familiar with the status of the lands that are subject to this application.

**Case No. 25259
Exhibit A-2**

7. I submit the following information pursuant to NMAC 19.15.4.12.A(1) in support of the above referenced application.

8. Cimarex seeks an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Bone Spring spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit.

9. Cimarex seeks approval of a non-standard spacing unit because approval of this application will allow Cimarex to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing, which is consistent with Division rules. *See, e.g.,* Rule 19.15.167(P) NMAC; Rule 19.15.16.15(B)(8) NMAC; Rule 19.15.16.15(C)(7)(NMAC).

10. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to the following wells:

- **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
- **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
- **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and

- **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.

11. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.

12. Attached as **Exhibit A-3** are the proposed C-102s for the wells.

13. The wells will develop the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857).

14. There are no depth severances within the proposed spacing unit.

15. **Exhibit A-4** includes a lease tract map outlining the unit being pooled. This exhibit also identifies each tract number, tract percentage interest, and lease numbers. The tract maps show the general location of the wells within the proposed non-standard unit.

16. **Exhibit A-5** is a unit recapitulation with the working interest owners to be pooled highlighted in yellow. Exhibit A-5 also includes a list of the ORRI owners, all of which Cimarex is seeking to pool.

17. **Exhibit A-6** contains a sample well proposal letter and Authorizations for Expenditure ("AFE") sent to all working interest owners. The estimated cost of the wells set forth in the AFEs are fair and reasonable and comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.

18. Cimarex requests overhead and administrative rates of \$8000.00/month for drilling a well and \$800.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Cimarex requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

19. Cimarex requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.

20. I have conducted a diligent search of the public records in the county where the wells are located, and conducted phone directory and computer searches to locate contact information for parties entitled to notification, and mailed the working interest owners well proposals, including an Authorization for Expenditure.

21. In my opinion, Cimarex has made a good faith effort to obtain voluntary joinder of the working interest owners in the proposed wells as demonstrated by the chronology of contact in **Exhibit A-7**.

22. Cimarex requests that Cimarex Energy Co. of Colorado be designated operator of the wells and that the order issued in this case be issued in the name of Cimarex Energy Co. of Colorado.

23. The parties Cimarex is seeking to pool were notified of this hearing.

24. Cimarex seeks to pool overriding royalty interest owners, and they were also provided notice of this hearing.

25. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed wells, but have failed or refused to voluntarily commit their interests in the wells.

26. Cimarex also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857): a 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287); a 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330); a 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28,

dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and a 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

27. Cimarex provided notice to affected parties for purposes of the overlapping unit portion of this application.

28. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

29. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

30. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature Page Follows]

Date: April 30, 2025

By: 

Dylan C. Park, CPL

C-102. Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	WILDCAT; BONE SPRING
Property Code	Property Name	Well Number	111
OGRID No. 162683	Operator Name	Ground Level Elevation	2964.4'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1736 NORTH	769 WEST	32.278395°	-104.013039°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	28	23S	29E		331 NORTH	100 EAST	32.282322°	-103.981536°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers. Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	29	23S	29E		331 NORTH	100 WEST	32.282246°	-104.015204°	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	29	23S	29E		331 NORTH	100 WEST	32.282246°	-104.015204°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	28	23S	29E		331 NORTH	100 EAST	32.282322°	-103.981536°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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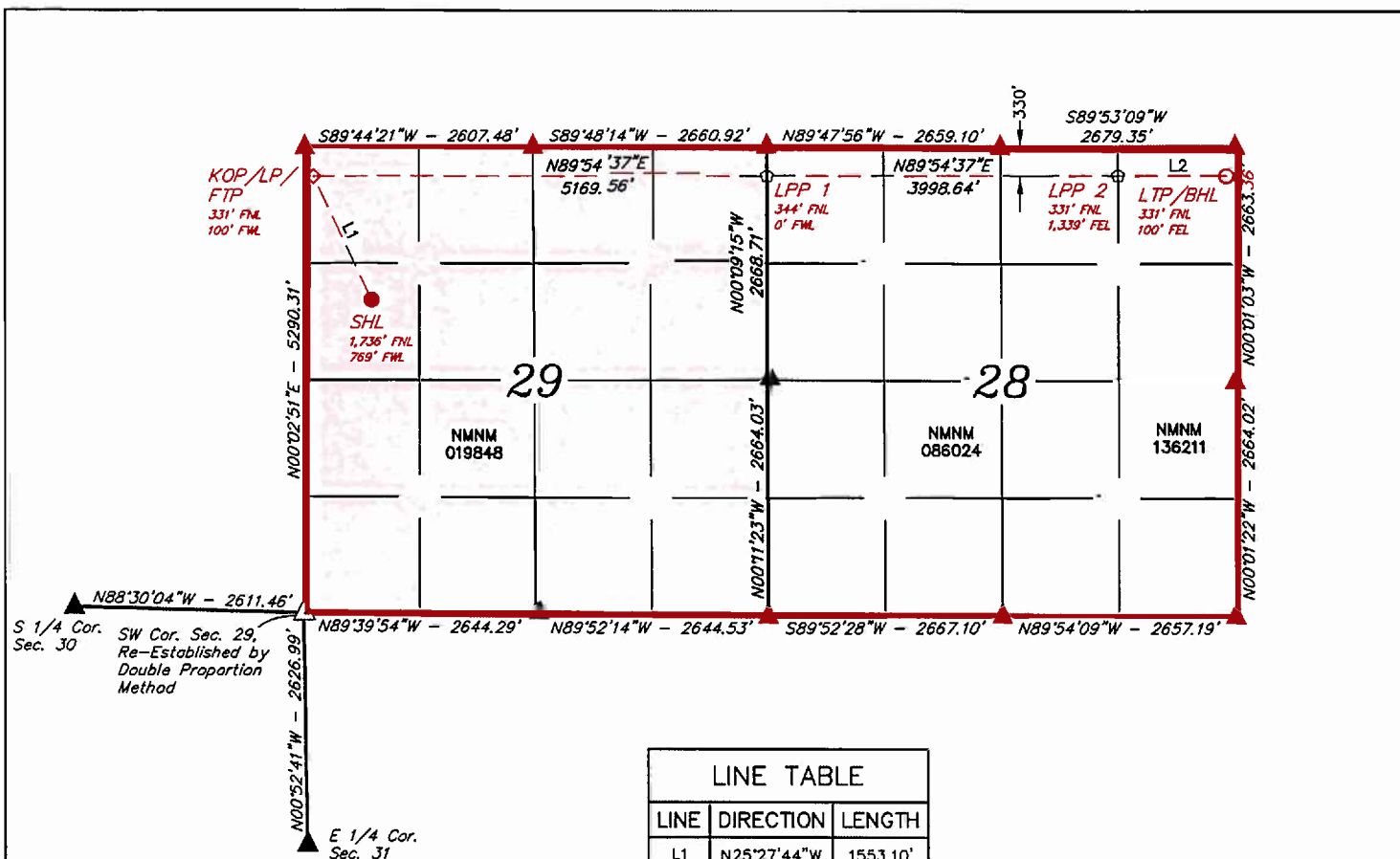
OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. <i>Crystal Denson</i> 4/29/2025 Signature Date Crystal Denson Printed Name Crystal.Denson@coterra.com Email Address		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from the 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.  Signature and Seal of Professional Surveyor 23782 March 10, 2025 Certificate Number Date of Survey	
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Note: No allowable will be assigned to this completion until all interest have been consolidated or a new

the division.



Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 1H	Drawn By T.I.R. 03-14-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'42.22" (32.278395°)
LONGITUDE = -104°00'46.94" (-104.013039°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'41.78" (32.278273°)
LONGITUDE = -104°00'45.17" (-104.012547°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465160.66' E: 640324.08'
STATE PLANE NAD 27 (N.M. EAST)
N: 465101.33' E: 599140.82'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°16'56.09" (32.282246°)
LONGITUDE = -104°00'54.74" (-104.015204°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°16'55.65" (32.282124°)
LONGITUDE = -104°00'52.96" (-104.014712°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466559.79' E: 639650.65'
STATE PLANE NAD 27 (N.M. EAST)
N: 466500.44' E: 598467.43'

NAD 83 (LPP 2)
LATITUDE = 32°16'56.33" (32.282313°)
LONGITUDE = -103°59'07.96" (-103.985544°)
NAD 27 (LPP 2)
LATITUDE = 32°16'55.89" (32.282191°)
LONGITUDE = -103°59'06.19" (-103.985053°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466612.62' E: 648816.75'
STATE PLANE NAD 27 (N.M. EAST)
N: 466553.20' E: 607633.45'

NAD 83 (LPP 1)
LATITUDE = 32°16'56.23" (32.282285°)
LONGITUDE = -103°59'54.53" (-103.998480°)
NAD 27 (LPP 1)
LATITUDE = 32°16'55.79" (32.282163°)
LONGITUDE = -103°59'52.76" (-103.997989°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466589.58' E: 644819.02'
STATE PLANE NAD 27 (N.M. EAST)
N: 466530.16' E: 603635.74'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'56.36" (32.282322°)
LONGITUDE = -103°58'53.53" (-103.981536°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'55.92" (32.282200°)
LONGITUDE = -103°58'51.76" (-103.981045°)
STATE PLANE NAD 83 (N.M. EAST)
N: 466619.76' E: 650055.44'
STATE PLANE NAD 27 (N.M. EAST)
N: 466560.34' E: 608872.14'



- = SURFACE HOLE LOCATION.
- ◆ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT.
- ◇ = LEASE PENETRATION POINT.
- = LAST TAKE POINT/BOTTOM HOLE LOCATION.
- ▲ = SECTION CORNER LOCATED.
- △ = SECTION CORNER RE-ESTABLISHED.
- (Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	WILDCAT; BONE SPRING
Property Code	Property Name	Well Number	2H
OGRID No. 162683	Operator Name	Ground Level Elevation	2964.2'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1756 NORTH	769 WEST	32.278340°	-104.013039°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	28	23S	29E		331 NORTH	100 EAST	32.282322°	-103.981536°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers. Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	29	23S	29E		331 NORTH	100 WEST	32.282246°	-104.015204°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
D	29	23S	29E		331 NORTH	100 WEST	32.282246°	-104.015204°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
A	28	23S	29E		331 NORTH	100 EAST	32.282322°	-103.981536°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Crystal Denson 4/29/2025

Signature Date

Crystal Denson

Printed Name

Crystal.Denson@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the 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.



Signature and Seal of Professional Surveyor

23782

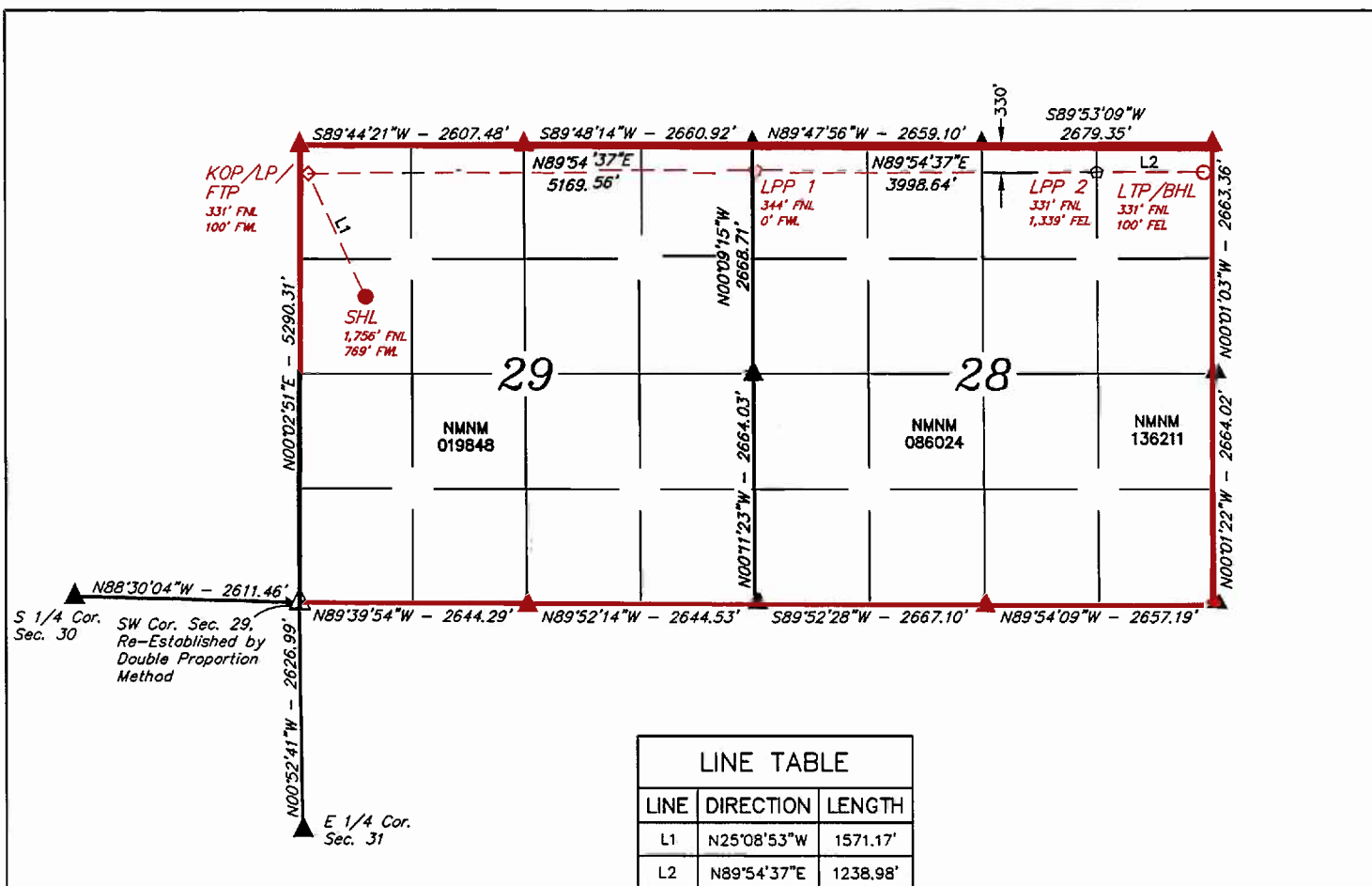
March 10, 2025

Certificate Number

Date of Survey

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 2H	Drawn By T.I.R. 03-14-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'42.02" (32.278340°)	
LONGITUDE = -104°00'46.94" (-104.013039°)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'41.58" (32.278218°)	
LONGITUDE = -104°00'45.17" (-104.012547°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 465140.66' E: 640324.15'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 465081.33' E: 599140.89'	

NAD 83 (KOP/LP/FTP)	
LATITUDE = 32°16'56.09" (32.282246°)	
LONGITUDE = -104°00'54.74" (-104.015204°)	
NAD 27 (KOP/LP/FTP)	
LATITUDE = 32°16'55.65" (32.282124°)	
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STATE PLANE NAD 83 (N.M. EAST)	
N: 466559.79' E: 639650.65'	
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LATITUDE = 32°16'56.33" (32.282313°)	
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STATE PLANE NAD 83 (N.M. EAST)	
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STATE PLANE NAD 27 (N.M. EAST)	
N: 466553.20' E: 607633.45'	

NAD 83 (LPP 1)	
LATITUDE = 32°16'56.23" (32.282285°)	
LONGITUDE = -103°59'54.53" (-103.998480°)	
NAD 27 (LPP 1)	
LATITUDE = 32°16'55.79" (32.282163°)	
LONGITUDE = -103°59'52.76" (-103.997989°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 466589.58' E: 644819.02'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 466530.16' E: 603635.74'	

NAD 83 (LTP/BHL)	
LATITUDE = 32°16'56.36" (32.282322°)	
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NAD 27 (LTP/BHL)	
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STATE PLANE NAD 83 (N.M. EAST)	
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STATE PLANE NAD 27 (N.M. EAST)	
N: 466560.34' E: 608872.14'	



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- ☆ = LEASE PENETRATION POINT.
- = LAST TAKE POINT/BOTTOM HOLE LOCATION.
- ▲ = SECTION CORNER LOCATED.
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NOTE:

- Distances referenced on plat to section lines are perpendicular.
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- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name WILDCAT; BONE SPRING
Property Code	Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 3H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Ground Level Elevation 2963.3'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1776 NORTH	769 WEST	32.278285°	-104.013039°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
H	28	23S	29E		1870 NORTH	100 EAST	32.278093°	-103.981529°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers.			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1870 NORTH	100 WEST	32.278017°	-104.015202°	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1870 NORTH	100 WEST	32.278017°	-104.015202°	EDDY

Last Take Point (LTP)

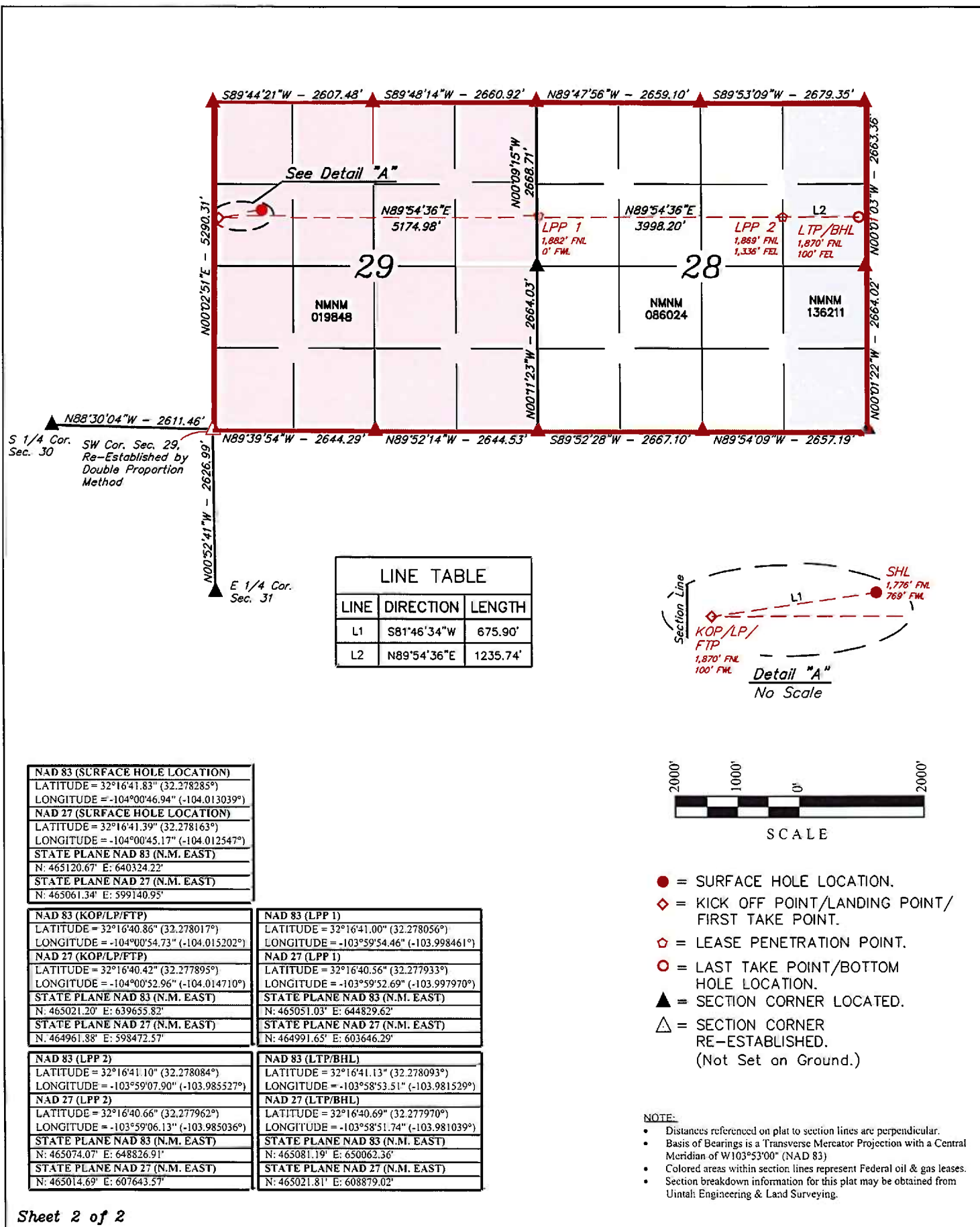
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
H	28	23S	29E		1870 NORTH	100 EAST	32.278093°	-103.981529°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. <u>Crystal Denson</u> 4/29/2025 Signature Date Crystal Denson Printed Name Crystal.Denson@coterra.com Email Address		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from the 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.  Signature and Seal of Professional Surveyor 23782 March 10, 2025 Certificate Number Date of Survey	
---	--	--	--

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 3H	Drawn By T.I.R. 03-14-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal <input type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name WILDCAT; BONE SPRING
Property Code	Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 4H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO	Ground Level Elevation 2963.1'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1796 NORTH	769 WEST	32.278230°	-104.013039°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
H	28	23S	29E		1870 NORTH	100 EAST	32.278093°	-103.981529°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers. Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
E	29	23S	29E		1870 NORTH	100 WEST	32.278017°	-104.015202°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
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Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
H	28	23S	29E		1870 NORTH	100 EAST	32.278093°	-103.981529°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Crystal Denson

4/29/2025

Signature Date

Crystal Denson

Printed Name

Crystal.Denson@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the 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.



Signature and Seal of Professional Surveyor

23782

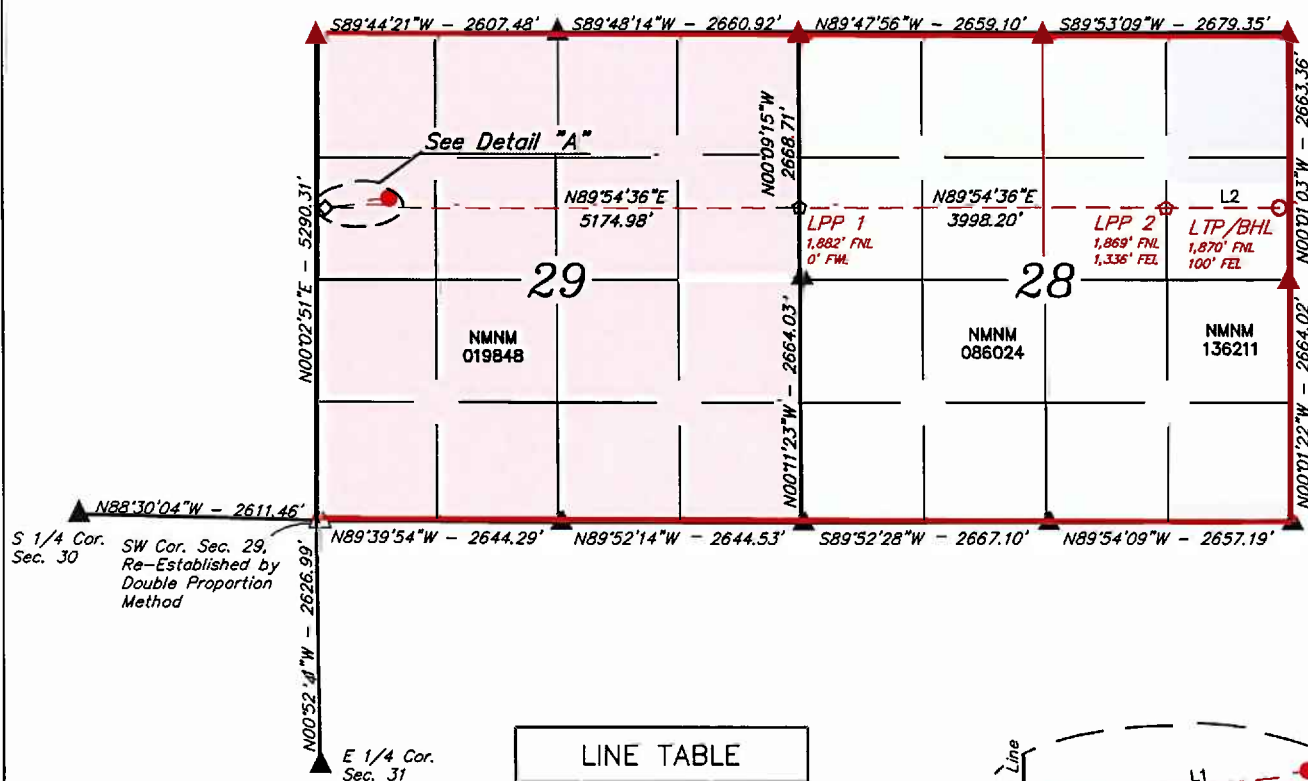
March 10, 2025

Certificate Number

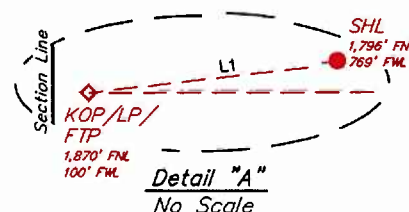
Date of Survey

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 4H	Drawn By T.I.R. 03-14-25	Revised By REV. I N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S83°27'38"W	673.31'
L2	N89°54'36"E	1235.74'



NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'41.63" (32.278230°)
LONGITUDE = -104°00'54.94" (-104.013039°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'41.19" (32.278108°)
LONGITUDE = -104°00'54.17" (-104.012547°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465100.67' E: 640324.28'
STATE PLANE NAD 27 (N.M. EAST)
N: 465041.34' E: 599141.02'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°16'40.86" (32.278017°)
LONGITUDE = -104°00'54.73" (-104.015202°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°16'40.42" (32.277895°)
LONGITUDE = -104°00'52.96" (-104.014710°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465021.20' E: 639655.82'
STATE PLANE NAD 27 (N.M. EAST)
N: 464961.88' E: 598472.57'

NAD 83 (LPP 2)
LATITUDE = 32°16'41.10" (32.278084°)
LONGITUDE = -103°59'07.90" (-103.985527°)
NAD 27 (LPP 2)
LATITUDE = 32°16'40.66" (32.277962°)
LONGITUDE = -103°59'06.13" (-103.985036°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465074.07' E: 648826.91'
STATE PLANE NAD 27 (N.M. EAST)
N: 465014.69' E: 607643.57'

NAD 83 (LPP 1)
LATITUDE = 32°16'41.00" (32.278056°)
LONGITUDE = -103°59'54.46" (-103.998461°)
NAD 27 (LPP 1)
LATITUDE = 32°16'40.56" (32.277933°)
LONGITUDE = -103°59'52.69" (-103.997970°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465051.03' E: 644829.62'
STATE PLANE NAD 27 (N.M. EAST)
N: 464991.65' E: 603646.29'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'41.13" (32.278093°)
LONGITUDE = -103°58'53.51" (-103.981529°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'40.69" (32.277970°)
LONGITUDE = -103°58'51.74" (-103.981039°)
STATE PLANE NAD 83 (N.M. EAST)
N: 465081.19' E: 650062.36'
STATE PLANE NAD 27 (N.M. EAST)
N: 465021.81' E: 608879.02'



- = SURFACE HOLE LOCATION.
- ◆ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT.
- ◇ = LEASE PENETRATION POINT.
- = LAST TAKE POINT/BOTTOM HOLE LOCATION.
- ▲ = SECTION CORNER LOCATED.
- △ = SECTION CORNER RE-ESTABLISHED.
- (Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.
- Section breakdown information for this plat may be obtained from Uintah Engineering & Land Surveying.

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	Wildcat; Bone Spring
Property Code	Property Name	LAGUNA GRANDE 29-28 FED COM	Well Number 5H
OGRID No. 162683	Operator Name	CIMAREX ENERGY CO. OF COLORADO.	Ground Level Elevation 2966.2'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		1305 SOUTH	395 WEST	32.272196°	-104.014245°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
I	28	23S	29E		1870 SOUTH	100 EAST	32.273731°	-103.981523°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers:			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
L	29	23S	29E		1870 SOUTH	100 WEST	32.273754°	-104.015200°	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
L	29	23S	29E		1870 SOUTH	100 WEST	32.273754°	-104.015200°	EDDY

Last Take Point (LTP)

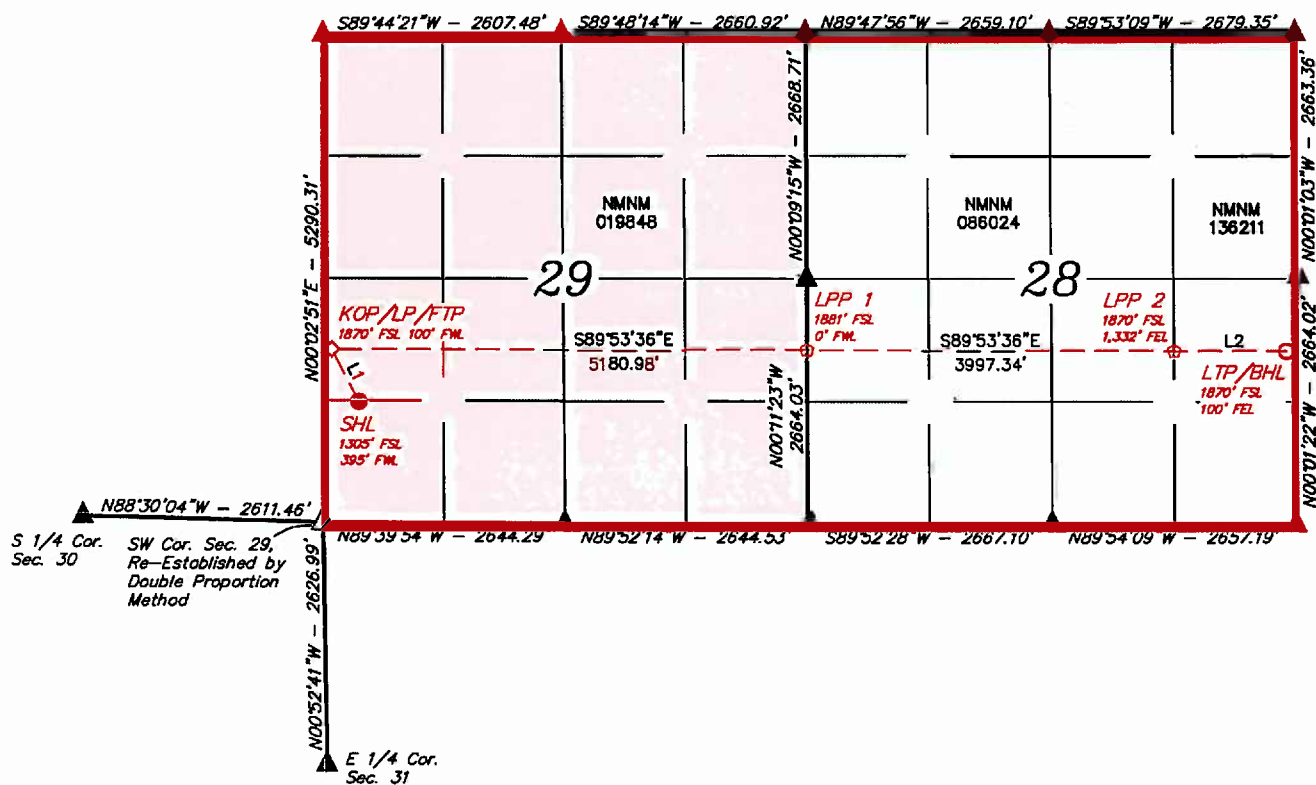
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
I	28	23S	29E		1870 SOUTH	100 EAST	32.273731°	-103.981523°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division. <i>Shelly Bowen</i> 4/30/2025		SURVEYOR CERTIFICATIONS I hereby certify that the well location shown on this plat was plotted from the 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. 	
Signature	Date	Signature and Seal of Professional Surveyor	
Shelly Bowen		23782 March 5, 2025	
Printed Name		Certificate Number	Date of Survey
Shelly.Bowen@coterra.com			
Email Address			

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 5H	Drawn By T.I.R. 03-10-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
--	-------------------	-----------------------------	---

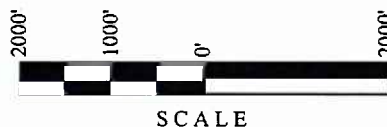


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- ◇ = KICK OFF POINT/LANDING POINT/
FIRST TAKE POINT
- ◊ = LEASE PENETRATION POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'19.90" (32.272196°)
LONGITUDE = -104°00'51.28" (-104.014245°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'19.47" (32.272074°)
LONGITUDE = -104°00'49.51" (-104.013754°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462904.42' E: 639957.88'
STATE PLANE NAD 27 (N.M. EAST)
N: 462845.15' E: 598774.56'



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N27°26'31"W	639.10'
L2	S89°53'36"E	1232.45'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°16'25.51" (32.273754°)
LONGITUDE = -104°00'54.72" (-104.015200°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°16'25.07" (32.273632°)
LONGITUDE = -104°00'52.95" (-104.014709°)
STATE PLANE NAD 83 (N.M. EAST)
N: 463470.25' E: 639661.04'
STATE PLANE NAD 27 (N.M. EAST)
N: 463410.96' E: 598477.74'

NAD 83 (LPP 1)
LATITUDE = 32°16'25.48" (32.273743°)
LONGITUDE = -103°59'54.39" (-103.998441°)
NAD 27 (LPP 1)
LATITUDE = 32°16'25.04" (32.273621°)
LONGITUDE = -103°59'52.62" (-103.997950°)
STATE PLANE NAD 83 (N.M. EAST)
N: 463482.33' E: 644840.91'
STATE PLANE NAD 27 (N.M. EAST)
N: 463422.99' E: 603657.53'

NAD 83 (LPP 2)
LATITUDE = 32°16'25.44" (32.273734°)
LONGITUDE = -103°59'07.84" (-103.985510°)
NAD 27 (LPP 2)
LATITUDE = 32°16'25.00" (32.273612°)
LONGITUDE = -103°59'06.07" (-103.985019°)
STATE PLANE NAD 83 (N.M. EAST)
N: 463491.66' E: 648837.39'
STATE PLANE NAD 27 (N.M. EAST)
N: 463432.31' E: 607654.01'

NAD 83 (LTP/BHL)
LATITUDE = 32°16'25.43" (32.273731°)
LONGITUDE = -103°58'53.48" (-103.981523°)
NAD 27 (LTP/BHL)
LATITUDE = 32°16'24.99" (32.273609°)
LONGITUDE = -103°58'51.72" (-103.981032°)
STATE PLANE NAD 83 (N.M. EAST)
N: 463494.53' E: 650069.58'
STATE PLANE NAD 27 (N.M. EAST)
N: 463435.19' E: 608886.19'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
<input type="checkbox"/> As Drilled				

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name Wildcat; Bone Spring
Property Code	Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 6H
OGRID No. 162683	Operator Name CIMAREX ENERGY CO. OF COLORADO.	Ground Level Elevation 2965.9'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		1285 SOUTH	395 WEST	32.272141°	-104.014245°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
I	28	23S	29E		1870 SOUTH	100 EAST	32.273731°	-103.981523°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers. Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
L	29	23S	29E		1870 SOUTH	100 WEST	32.273754°	-104.015200°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
L	29	23S	29E		1870 SOUTH	100 WEST	32.273754°	-104.015200°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
I	28	23S	29E		1870 SOUTH	100 EAST	32.273731°	-103.981523°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Shelly Bowen 4/30/2025

Signature Date

Shelly Bowen

Printed Name

Shelly.Bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the 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.



Signature and Seal of Professional Surveyor

23782

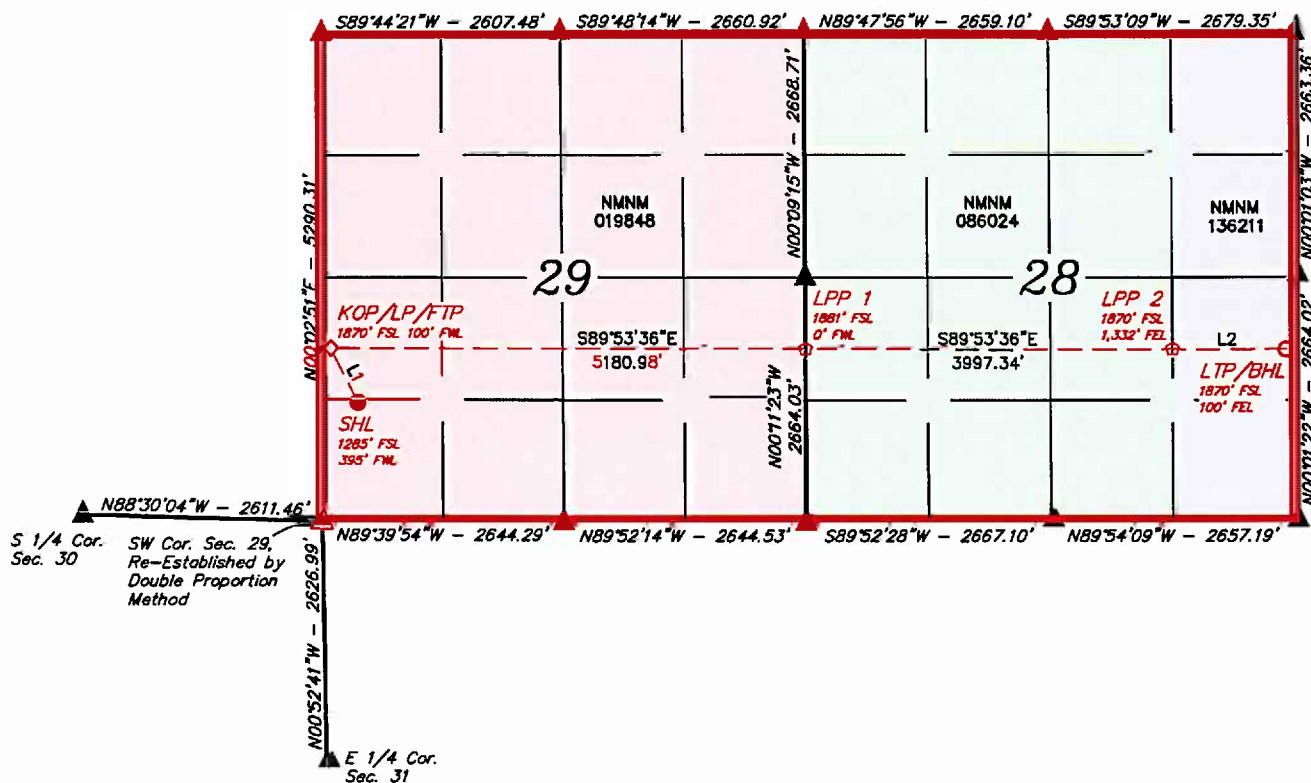
March 5, 2025

Certificate Number

Date of Survey

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 6H	Drawn By T.I.R. 03-10-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/
FIRST TAKE POINT
- = LEASE PENETRATION POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

NOTE:-

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'19.71" (32.272141°)	
LONGITUDE = -104°00'51.28" (-104.014245°)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'19.27" (32.272019°)	
LONGITUDE = -104°00'49.51" (-104.013754°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 462884.42' E: 639957.95'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 462825.15' E: 598774.63'	

NAD 83 (KOP/LP/FTP)	
LATITUDE = 32°16'25.51" (32.273754°)	
LONGITUDE = -104°00'54.72" (-104.015200°)	
NAD 27 (KOP/LP/FTP)	
LATITUDE = 32°16'25.07" (32.273632°)	
LONGITUDE = -104°00'52.95" (-104.014709°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 463470.25' E: 639661.04'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 463410.96' E: 598477.74'	

NAD 83 (LPP 1)	
LATITUDE = 32°16'25.48" (32.273743°)	
LONGITUDE = -103°59'54.39" (-103.998441°)	
NAD 27 (LPP 1)	
LATITUDE = 32°16'25.04" (32.273621°)	
LONGITUDE = -103°59'52.62" (-103.997950°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 463482.33' E: 644840.91'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 463422.99' E: 603657.53'	

NAD 83 (LPP 2)	
LATITUDE = 32°16'25.44" (32.273734°)	
LONGITUDE = -103°59'07.84" (-103.985510°)	
NAD 27 (LPP 2)	
LATITUDE = 32°16'25.00" (32.273612°)	
LONGITUDE = -103°59'06.07" (-103.985019°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 463491.66' E: 648837.39'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 463432.31' E: 607654.01'	

NAD 83 (LTP/BHL)	
LATITUDE = 32°16'25.43" (32.273731°)	
LONGITUDE = -103°58'53.48" (-103.981523°)	
NAD 27 (LTP/BHL)	
LATITUDE = 32°16'24.99" (32.273609°)	
LONGITUDE = -103°58'51.72" (-103.981032°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 463494.53' E: 650069.58'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 463435.19' E: 608886.19'	



SCALE

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N26°38'12"W	656.91'
L2	S89°53'36"E	1232.45'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
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				<input type="checkbox"/> Amended Report
<input type="checkbox"/> As Drilled				

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	Wilcat; Bone Spring
Property Code	Property Name	LAGUNA GRANDE 29-28 FED COM	Well Number 7H
OGRID No. 162683	Operator Name	CIMAREX ENERGY CO. OF COLORADO	Ground Level Elevation 2965.9'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		1265 SOUTH	395 WEST	32.272086°	-104.014245°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
P	28	23S	29E		330 SOUTH	100 EAST	32.269499°	-103.981516°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers,			Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		330 SOUTH	100 WEST	32.269521°	-104.015198°	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		330 SOUTH	100 WEST	32.269521°	-104.015198°	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
P	28	23S	29E		330 SOUTH	100 EAST	32.269499°	-103.981516°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
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Shelly Bowen 4/30/2025

Signature Date

Shelly Bowen

Printed Name

Shelly.Bowen@coterra.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from the 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.



Signature and Seal of Professional Surveyor

23782

March 5, 2025

Certificate Number

Date of Survey

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 7H	Drawn By T.I.R. 03-10-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/
FIRST TAKE POINT
- ◊ = LEASE PENETRATION POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
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NOTE:

- Distances referenced on plat to section lines are perpendicular.
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NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'19.51" (32.272086°)	
LONGITUDE = -104°00'51.28" (-104.014245°)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°16'19.07" (32.271964°)	
LONGITUDE = -104°00'49.51" (-104.013754°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 462864.43' E: 639958.02'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 462805.16' E: 598774.70'	

NAD 83 (KOP/LP/FTP)	
LATITUDE = 32°16'10.28" (32.269521°)	
LONGITUDE = -104°00'54.71" (-104.015198°)	
NAD 27 (KOP/LP/FTP)	
LATITUDE = 32°16'09.84" (32.269399°)	
LONGITUDE = -104°00'52.94" (-104.014707°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 461930.57' E: 639666.22'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 461871.32' E: 598482.88'	

NAD 83 (LPP 1)	
LATITUDE = 32°16'10.24" (32.269511°)	
LONGITUDE = -103°59'54.31" (-103.998419°)	
NAD 27 (LPP 1)	
LATITUDE = 32°16'09.80" (32.269389°)	
LONGITUDE = -103°59'52.54" (-103.997928°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 461942.67' E: 644852.47'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 461883.37' E: 603669.05'	

NAD 83 (LPP 2)	
LATITUDE = 32°16'10.21" (32.269502°)	
LONGITUDE = -103°59'07.77" (-103.985493°)	
NAD 27 (LPP 2)	
LATITUDE = 32°16'09.77" (32.269380°)	
LONGITUDE = -103°59'06.01" (-103.985002°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 461952.00' E: 648847.63'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 461892.69' E: 607664.20'	

NAD 83 (LTP/BHL)	
LATITUDE = 32°16'10.20" (32.269499°)	
LONGITUDE = -103°58'53.46" (-103.981516°)	
NAD 27 (LTP/BHL)	
LATITUDE = 32°16'09.75" (32.269376°)	
LONGITUDE = -103°58'51.69" (-103.981026°)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 461954.87' E: 650076.64'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 461895.56' E: 608893.21'	



LINE TABLE

LINE	DIRECTION	LENGTH
L1	S17°35'33"W	978.60'
L2	S89°53'37"E	1229.28'

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	<input checked="" type="checkbox"/> Initial Submittal
				<input type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled		

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	WILDCAT; BONE SPRING
Property Code	Property Name	LAGUNA GRANDE 29-28 FED COM	Well Number 8H
OGRID No. 162683	Operator Name	CIMAREX ENERGY CO. OF COLORADO	Ground Level Elevation 2965.9'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal	

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		1245 SOUTH	395 WEST	32.272031°	-104.014245°	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
P	28	23S	29E		330 SOUTH	100 EAST	32.269499°	-103.981516°	EDDY

Dedicated Acres 1280	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
Order Numbers. Well setbacks are under Common Ownership: <input type="checkbox"/> Yes <input type="checkbox"/> No				

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		330 SOUTH	100 WEST	32.269521°	-104.015198°	EDDY


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	29	23S	29E		330 SOUTH	100 WEST	32.269521°	-104.015198°	EDDY

Last Take Point (LTP)

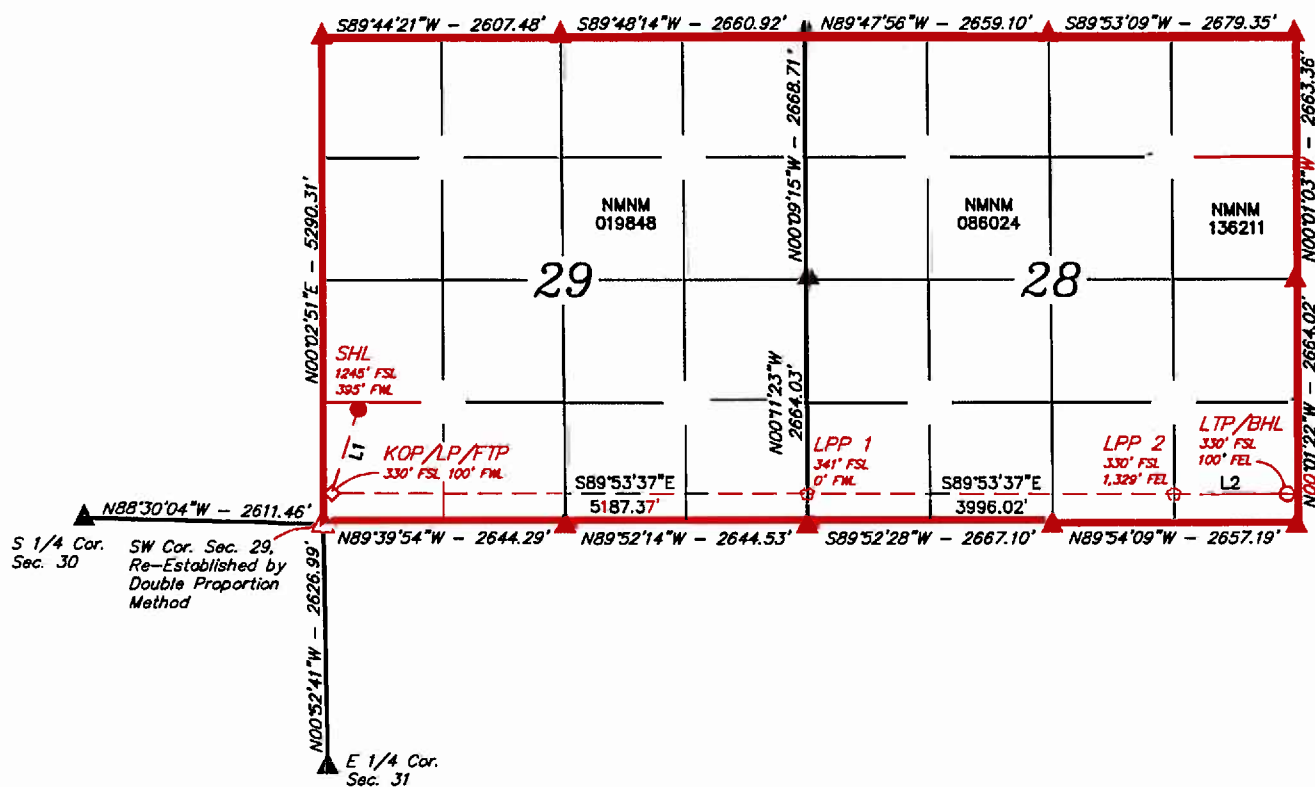
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
P	28	23S	29E		330 SOUTH	100 EAST	32.269499°	-103.981516°	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Floor Elevation:
---	---	-------------------------

OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i> 4/30/2025		SURVEYOR CERTIFICATIONS <i>I hereby certify that the well location shown on this plat was plotted from the 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.</i> 	
Signature	Date	Signature and Seal of Professional Surveyor	
Shelly Bowen		23782	March 5, 2025
Printed Name		Certificate Number	Date of Survey
Shelly.Bowen@coterra.com			
Email Address			

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

Property Name LAGUNA GRANDE 29-28 FED COM	Well Number 8H	Drawn By T.I.R. 03-10-25	Revised By REV. 1 N.R. 04-29-25 (REMOVE DEDICATED ACREAGE)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/
FIRST TAKE POINT
- ◊ = LEASE PENETRATION POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED
- △ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'19.31" (32.272031°)
LONGITUDE = -104°00'51.28" (-104.014245°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°16'18.87" (32.271909°)
LONGITUDE = -104°00'49.51" (-104.013754°)
STATE PLANE NAD 83 (N.M. EAST)
N: 462844.43' E: 639958.09'
STATE PLANE NAD 27 (N.M. EAST)
N: 462785.16' E: 598774.76'



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S17°57'09"W	959.55'
L2	S89°53'37"E	1229.28'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°16'10.28" (32.269521°)
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NAD 27 (KOP/LP/FTP)
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N: 461883.37' E: 603669.05'

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N: 461954.87' E: 650076.64'
STATE PLANE NAD 27 (N.M. EAST)
N: 461895.56' E: 608893.21'



30

29

28

27

23S 29E

NMNM 019848

NMNM 086024

NMNM
136211

32

33

34



**LAGUNA
GRANDE 29-28
Eddy County, NM**



Scale 1:24,000

CRS NAD 1983 StatePlane New Mexico East

Date 4/24/2025

Author: jdw

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Laguna Grande 29-28 Wells

- Bone Spring
- Harkey
- Wolfcamp
- CTB



Potash Mining Area

Allocation Percentage

	NMNM 019848 (Tract 1)	50%
	NMNM 086024 (Tract 2)	37.5%
	NMNM 136211 (Tract 3)	12.5%

Committed Working Interest	
Magnum Hunter Production, Inc.	.46374884
XTO Holdings, LLC	.10781250
Nortex Corporation	.03079282
MEC Petroleum Corp.	.00625000
Committed Total:	.60860400
Uncommitted Working Interest	
James Moore and wife, Karen Moore	.00502057
James Thomas Moore, as Trustee of the James Thomas Moore Child's Trust	.00203400
Ann Moore Jensen, as Trustee of the Ann Moore Jensen Child's Trust	.00203400
Marilyn Moore Jackson, as Trustee of the Marilyn Moore Jackson Child's Trust	.00203400
Chevron U.S.A., Inc.	.00523357
Occidental Permian Limited Partnership	.03079282
Ridge Runner Resources	.05625000
Enduro Operating LLC	.01047121
Marathon Oil Permian LLC	.09050996
Prime Rock Resources, LLC	.05154450
ConocoPhillips Company	.01047121
MRC Permian Company	.12500000
Uncommitted Total:	.39139600
TOTAL:	1



	Sections 28 & 29, T23S-R29E, N.M.P.M., Eddy County, NM WI Ownership Changes as of 8.28.2024	Sec 29 - 640 acres Sec 28 - 640 acres
WI	James Moore and wife, Karen Moore, 501 Sherwood Forest, Granite Shoals, TX 78654	0.00502057
WI	James Thomas Moore, as Trustee of the James Thomas Moore Child's Trust 501 Sherwood Forest, Granite Shoals, TX 78654	0.00203400
WI	Ann Moore Jensen, as Trustee of the Ann Moore Jensen Child's Trust, 13721 Lindale Lane, Santa Ana, California 92705	0.00203400
WI	Marilyn Moore Jackson, as Trustee of the Marilyn Moore Jackson Child's Trust, 5909 Doone Valley Court, Austin, Texas 78731	0.00203400
WI	Chevron U.S.A., Inc. 1400 Smith Street, Houston, Texas 77002	0.00523357
WI	MEC Petroleum Corp. PO Box 11265, Midland, Texas 79702	0.00625000
WI	ConocoPhillips Company 600 West Illinois Avenue, Midland, Texas 79701	0.01047121
WI	Marathon Oil Permian LLC 5555 San Felipe Street, Houston, Texas 77056	0.09050996
WI	PRIME ROCK RESOURCES AGENTCO, INC., as nominee for the benefit of Prime Rock Resources, LLC 203 W. Wall Street, Suite 1000, Midland, Texas 79701	0.05154450
WI	Occidental Permian Limited Partnership 5 Greenway Plaza, Suite 110, Houston, Texas 77046	0.03079282
WI	Ridge Runner Resources P.O. Box 692229, Houston, TX 77269-2229	0.05625000
WI	Magnum Hunter Resources, Inc. 600 N. Marienfeld Street, Suite 600, Midland, Texas 79701	0.46374884
WI	Enduro Operating LLC 777 Main Street, Suite 800, Fort Worth, Texas 76102	0.01047121
WI	Nortex Corporation 3009 Post Oak Blvd Ste 1212, Houston, Texas 77056	0.03079282

WI	XTO Holdings, LLC 22777 Springwoods Village Pkwy. Spring, Texas 77389	0.10781250
WI	MRC Permian Company 5400 Lyndon B Johnson Fwy Suite 1500, Dallas, Texas 75240	0.12500000
ORRI	ORRI OWNERS	
ORRI	Privavera Resources, Inc. 7373 Broadway, Ste 507 San Antonio, Texas 78209	
ORRI	SMP Patriot Mineral Holdings, LLC 4143 Maple Ave., Ste 500 Dallas, Texas 75219	
ORRI	Pegasus Resources NM, LLC P.O. Box 470698 Ft. Worth, Texas 76147	
ORRI	Charles R. Wiggins P.O. Box 10862 Midland, Texas 79702	
ORRI	Prime Rock Resources ORRI, Inc. 203 W. Wall St., Ste. 1000 Midland, Texas 79701	
ORRI	Zunis Energy, LLC 15 East 5th St., Ste. 3300 Tulsa, Oklahoma 74103	
ORRI	Santa Elena Minerals IV LP P.O. Box 470698 Ft. Worth, Texas 76147	
ORRI	Sitio Permian, LLC 1401 Lawrence St., Ste. 1750 Denver, Colorado 80202	
ORRI	Pegasus Resources, LLC P.O. Box 470698 Ft. Worth, Texas 76147	

ORRI	Penasco Petroleum, LLC P.O. Box 4168 Roswell, New Mexico 88202	
ORRI	Rolla R. Hinkle, III P.O. Box 2292 Roswell, New Mexico 88202	
ORRI	Cayle A. Schertz P.O. Box 2588 Roswell, New Mexico 88202	
ORRI	Keenan C. Schertz P.O. Box 2588 Roswell, New Mexico 88202	
ORRI	Maw-H, LLC 204 Snowcap Dr. Ruidoso, New Mexico 88345	
ORRI	Woody W. Wall and wife, Marla L. Wall P.O. Box 278 Alto, New Mexico 88312	
ORRI	SMP Sidecar Titan Mineral Holdings, LP 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	
ORRI	Susannah D. Adelson, Trustee of The James Adelson & Family 2015 Trust 15 East 5th St., Ste. 3300 Tulsa, Oklahoma 74103	
ORRI	Pauline Hedrick 139 Abell-Hangar Circle Midland, Texas 79707	
ORRI	SMP Titan Mineral Holdings, LP 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	
ORRI	MSH Family Real Estate Partnership II, LLC 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	

ORRI	James Thomas Moore, Trustee of The James Thomas Moore Childrens Trust 1401 Ventura Ave. Midland, Texas 79705	
ORRI	Ann Moore Jensen, Trustee of The Ann Moore Jensen Childrens Trust 1401 Ventura Ave. Midland, Texas 79705	
ORRI	Marilyn Moore Jackson, Trustee of The Marilyn Moore Jackson Childrens Trust 5909 Doone Valley Ct. Austin, Texas 78731	
ORRI	SMP Titan Flex, LP 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	
ORRI	Privavera Resources, Inc. 7373 Broadway, Ste 507 San Antonio, Texas 78209	
ORRI	SMP Patriot Mineral Holdings, LLC 4143 Maple Ave., Ste 500 Dallas, Texas 75219	
ORRI	Pegasus Resources NM, LLC P.O. Box 470698 Ft. Worth, Texas 76147	
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ORRI	Zunis Energy, LLC 15 East 5th St., Ste. 3300 Tulsa, Oklahoma 74103	
ORRI	Santa Elena Minerals IV LP P.O. Box 470698 Ft. Worth, Texas 76147	

	Sitio Permian, LLC	
ORRI	1401 Lawrence St., Ste. 1750 Denver, Colorado 80202	
	Pegasus Resources, LLC	
ORRI	P.O. Box 470698 Ft. Worth, Texas 76147	
	Penasco Petroleum, LLC	
ORRI	P.O. Box 4168 Roswell, New Mexico 88202	
	Rolla R. Hinkle, III	
ORRI	P.O. Box 2292 Roswell, New Mexico 88202	
	Cayle A. Schertz	
ORRI	P.O. Box 2588 Roswell, New Mexico 88202	
	Keenan C. Schertz P.O. Box 2588	
ORRI	Roswell, New Mexico 88202	
	Maw-H, LLC	
ORRI	204 Snowcap Dr. Ruidoso, New Mexico 88345	
	Susannah D. Adelson, Trustee of The James Adelson & Family 2015 Trust	
ORRI	15 East 5th St., Ste. 3300 Tulsa, Oklahoma 74103	
	Woody W. Wall and wife, Marla L. Wall	
ORRI	P.O. Box 278 Alto, New Mexico 88312	
	SMP Sidecar Titan Mineral Holdings, LP	
ORRI	4143 Maple Ave., Ste. 500 Dallas, Texas 75219	
	Pauline Hedrick	
ORRI	139 Abell-Hangar Circle Midland, Texas 79707	
	SMP Titan Mineral Holdings, LP	
ORRI	4143 Maple Ave., Ste. 500 Dallas, Texas 75219	

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ORRI	James Thomas Moore, Trustee of The James Thomas Moore Childrens Trust 1401 Ventura Ave. Midland, Texas 79705	
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ORRI	SMP Titan Flex, LP 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	
ORRI	Privavera Resources, Inc. 7373 Broadway, Ste 507 San Antonio, Texas 78209	
ORRI	SMP Patriot Mineral Holdings, LLC 4143 Maple Ave., Ste 500 Dallas, Texas 75219	
ORRI	Pegasus Resources NM, LLC P.O. Box 470698 Ft. Worth, Texas 76147	
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ORRI	Pegasus Resources, LLC P.O. Box 470698 Ft. Worth, Texas 76147	
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ORRI	Cayle A. Schertz P.O. Box 2588 Roswell, New Mexico 88202	
ORRI	Keenan C. Schertz P.O. Box 2588 Roswell, New Mexico 88202	
ORRI	Maw-H, LLC 204 Snowcap Dr. Ruidoso, New Mexico 88345	
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ORRI	SMP Titan Flex, LP 4143 Maple Ave., Ste. 500 Dallas, Texas 75219	

Cimarex Energy Co.
Permian Business Unit
6001 Deauville Blvd.
Suite 300N
Midland, Texas 79706



December 3, 2024

XTO Holdings, LLC
Attn: Land Department
22777 Springwoods Village Pkwy
Spring, Texas 77389

Via USPS Certified Mail

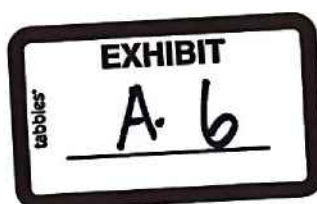
**Re: Proposal to Drill
Laguna Grande Fed Com 29-28 1H-23H
Sections 29 & 28, Township 23 South, Range 29 East
Eddy County, NM**

Dear Working Interest Owner,

Cimarex Energy Co. of Colorado ("Cimarex") hereby proposes to drill the Laguna Grande Fed Com 29-28 1H-23H ("Wells") at a legal location from Section 29, Township 23 South, Range 29 East to Section 28, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico.

The intended surface hole location, bottom hole location, formation, and depths for the Wells are as follows:

Well	Location	Formation	TVD	TMD
Laguna Grande Fed Com 29-28 1H	SHL: 2,450' FNL & 520' FWL, Section 29 BHL: 330' FNL & 100' FEL, Section 28	Bone Spring	8,750'	18,700'
Laguna Grande Fed Com 29-28 2H	SHL: 2,470' FNL & 520' FWL, Section 29 BHL: 1,870' FNL & 100' FEL, Section 28	Bone Spring	8,750'	18,700'
Laguna Grande Fed Com 29-28 3H	SHL: 2,490' FNL & 520' FWL, Section 29 BHL: 1,870' FSL & 100' FEL, Section 28	Bone Spring	8,750'	18,700'
Laguna Grande Fed Com 29-28 4H	SHL: 2,510' FNL & 520' FWL, Section 29 BHL: 330' FSL & 100' FEL, Section 28	Bone Spring	8,750'	18,700'
Laguna Grande Fed Com 29-28 5H	SHL: 2,680' FNL & 460' FWL, Section 29 BHL: 330' FNL & 100' FEL, Section 28	Harkey	9,000'	19,320'
Laguna Grande Fed Com 29-28 6H	SHL: 2,700' FNL & 460' FWL, Section 29 BHL: 1,870' FNL & 100' FEL, Section 28	Harkey	9,000'	19,320'



Laguna Grande Fed Com 29-28 7H	SHL: 2,720' FNL & 460' FWL, Section 29 BHL: 1,870' FSL & 100' FEL, Section 28	Harkey	9,000'	19,320'
Laguna Grande Fed Com 29-28 8H	SHL: 2,740' FNL & 460' FWL, Section 29 BHL: 330' FSL & 100' FEL, Section 28	Harkey	9,000'	19,320'
Laguna Grande Fed Com 29-28 9H	SHL: 2,550' FNL & 320' FWL, Section 29 BHL: 330' FNL & 100' FEL, Section 28	Wolfcamp	10,200'	20,200'
Laguna Grande Fed Com 29-28 10H	SHL: 2,570' FNL & 320' FWL, Section 29 BHL: 990' FNL & 100' FEL, Section 28	Wolfcamp	9,850'	20,050'
Laguna Grande Fed Com 29-28 11H	SHL: 2,590' FNL & 320' FWL, Section 29 BHL: 1,650' FNL & 100' FEL, Section 28	Wolfcamp	10,200'	20,200'
Laguna Grande Fed Com 29-28 12H	SHL: 2,610' FNL & 320' FWL, Section 29 BHL: 2,310' FNL & 100' FEL, Section 28	Wolfcamp	9,850'	20,050'
Laguna Grande Fed Com 29-28 13H	SHL: 2,550' FNL & 300' FWL, Section 29 BHL: 2,310' FSL & 100' FEL, Section 28	Wolfcamp	10,200'	20,200'
Laguna Grande Fed Com 29-28 14H	SHL: 2,570' FNL & 300' FWL, Section 29 BHL: 1,540' FSL & 100' FEL, Section 28	Wolfcamp	9,850'	20,050'
Laguna Grande Fed Com 29-28 15H	SHL: 2,590' FNL & 300' FWL, Section 29 BHL: 990' FSL & 100' FEL, Section 28	Wolfcamp	10,200'	20,200'
Laguna Grande Fed Com 29-28 16H	SHL: 2,610' FNL & 300' FWL, Section 29 BHL: 330' FSL & 100' FEL, Section 28	Wolfcamp	9,850'	20,050'
Laguna Grande Fed Com 29-28 17H	SHL: 2,450' FNL & 400' FWL, Section 29 BHL: 330' FNL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 18H	SHL: 2,470' FNL & 400' FWL, Section 29 BHL: 1,100' FNL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 19H	SHL: 2,490' FNL & 400' FWL, Section 29 BHL: 1,870' FNL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 20H	SHL: 2,510' FNL & 400' FWL, Section 29 BHL: 2,640' FSL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 21H	SHL: 2,470' FNL & 380' FWL, Section 29 BHL: 1,870' FSL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 22H	SHL: 2,490' FNL & 380' FWL, Section 29 BHL: 1,100' FSL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'
Laguna Grande Fed Com 29-28 23H	SHL: 2,510' FNL & 380' FWL, Section 29 BHL: 330' FSL & 100' FEL, Section 28	Wolfcamp	10,745'	20,800'

It should be understood that compliance with topography or cultural or environmental concerns, among others, might require modification of Cimarex's intended procedure. Cimarex will advise you of any such modifications.

If you intend to participate, please approve, and return the following items within thirty (30) days of receipt of this proposal:

1. One (1) executed original of each Election to Participate
2. One (1) executed original of each of the enclosed AFEs
3. Well Data Requirements Sheet

If you elect to purchase your own well control insurance, you must provide a certificate of such insurance to Cimarex prior to commencement of drilling operations; otherwise, you will be covered by insurance procured by Cimarex and will be responsible for your share of the cost.

Please mail all original signed documents to the following address:

Attn: Pat Gray
Coterra Energy Inc.
6001 Deauville Blvd.
Suite 300N
Midland, TX 79706

Cimarex will file for force pooling for the Laguna Grande Fed Com 29-28 1H-23H wells thirty (30) days of receipt of these proposals.

Please call the undersigned with any questions or comments.

Respectfully,



Pat Gray, JD, CPL
Senior Landman
(432) 620-1637 | Pat.Gray@Coterra.com



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 1H

Company Entity				Date Prepared
Cimarex Energy Co. of Colorado				9/4/2024
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 1H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location	Estimated Spud	Estimated Completion	
Eddy, NM	Section 29 23S 29E	12/1/2025		
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	2nd Sand	DEV	18,700	8,750
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2450 FNL and 520 FWL of Section 29, 23S 29E, and the intended bottom hole location is 330 FNL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the 2nd Sand formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 8,750 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☒ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☒ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement

9/4/2024



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 1H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0	\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500							\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0						\$ 0	\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMobilize	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,592	0333.0040	\$60,548	0336.0040	\$3,500	0334.0040	\$13,000	\$153,950
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$87,200	0333.0055	\$ 0					\$87,200
TUBULAR INSPECTIONS	0331.0056	\$55,800	0333.0056	\$31,000			0334.0056	\$ 0	\$86,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$27,876	0333.0071	\$365,015			0334.0071	\$ 0	\$452,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,000			0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,970							\$518,970
DOWNHOLE RENTALS	0331.0095	\$26,000	0333.0095	\$40,000			0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$60,565	0336.0096	\$4,000	0334.0096	\$35,000	\$246,025
SOLIDS CONTROL EQUIP./SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRAC SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,681			0334.0102	\$35,000	\$98,681
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP./SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/ EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,679			0334.0135	\$10,000	\$1,071,679
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,360			0334.0136	\$ 0	\$215,360
STIMULATION FLUID STORAGE			0333.0137	\$ 0					\$ 0
RBP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEADS	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$ 500			\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLOWBACK WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/ EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING - CONVERSION - OTHER									
OTHER LAND EXPENSES									
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX
Laguna Grande Fed Com 29-28 1H

Tangible - Well Equipment					
Casing					
CONDUCTOR PIPE	0331.0206	\$8,054			\$8,054
WATER STRING CASING	0331.0221	\$19,278			\$19,278
SURFACE CASING	0331.0207	\$69,795			\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114			\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0			\$ 0
PRODUCTION CSG/TIE BACK	0331.0211	\$216,692	0333.0211	\$ 0	\$216,692
DRILLING LINER	0331.0223	\$ 0			\$ 0
TUBING			0333.0201	\$139,104	\$139,104
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000	\$48,000
PERMANENT DO WHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$60,000	\$120,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$65,000	0333.0202	\$1,500	\$121,500
SURFACE EQUIPMENT					\$ 0
CELLAR	0331.0219	\$8,000			\$8,000
OTHER PRODUCTION EQUIPMENT					\$ 0
EQUIPMENT INSTALLATION			0336.0304	\$1,500	\$1,500
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0	\$ 0
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000	\$25,000
Tangible - Lease Equipment					
N/C LEASE EQUIPMENT			0336.0303	\$144,000	\$144,000
GATHERING/FLOWLINES			0336.0315	\$ 0	\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$ 500	\$ 500
METERING EQUIPMENT			0336.0321	\$14,500	\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500	\$42,500
SPOOLS			0336.0323	\$ 0	\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000	\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0	\$ 0
COMPRESSORS			0336.0326	\$ 0	\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000	\$8,000
BACKSIDE VENTILATION			0336.0328	\$ 0	\$ 0
WELL AUTOMATION MATERIALS					\$ 0
FL/GL - MATERIALS			0336.0331	\$32,500	\$32,500
SHORT ORDERS			0336.0332	\$7,000	\$7,000
PUMPS			0336.0333	\$ 500	\$ 500
WALKOVERS			0336.0334	\$2,000	\$2,000
BATTERY (HTR, TRTR, SEPAR, GAS T)			0336.0335	\$91,500	\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,000	\$4,000
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500	\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0	\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000	\$8,000
SWD/OTHER - MATERIALS			0336.0340	\$ 0	\$ 0
SWD/OTHER - LINE PIPE			0336.0341	\$ 0	\$ 0
AFE CONVERTED LTD SPEND					\$ 0
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 2H

Company Entity				Date Prepared	
Cimarex Energy Co. of Colorado				9/4/2024	
Exploration Region	Well Name	Prospect	Property Number	AFE	
PERMIAN BASIN	Laguna Grande Fed Com 29-28 2H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX	
County, State	Location		Estimated Spud	Estimated Completion	
Eddy, NM	Section 29 23S 29E		12/1/2025		
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth	
New AFE	2nd Sand	DEV	18,700	8,750	
Purpose	Drill and Complete Well				
Description					
Drilling	The intended surface hole location for the well is 2470 FNL and 520 FWL of Section 29, 23S 29E, and the intended bottom hole location is 1870 FNL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the 2nd Sand formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 8,750 feet.				

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, Agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☐ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☒ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement

9/4/2024



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 2H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0	\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500							\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0						\$ 0	\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$116,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMOMOBILIZE	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000	\$153,960
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$67,200	0333.0055	\$ 0					\$67,200
TUBULAR INSPECTIONS	0331.0056	\$58,800	0333.0056	\$31,000			0334.0056	\$ 0	\$89,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,876	0333.0071	\$365,015			0334.0071	\$ 0	\$452,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT D L G MUD)	0331.0073	\$ 0	0333.0073	\$30,000			0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,970							\$518,970
DOWNHOLE RENTALS	0331.0095	\$26,000	0333.0095	\$40,000			0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$60,568	0336.0096	\$4,000	0334.0096	\$35,000	\$246,028
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,681			0334.0102	\$35,000	\$98,681
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & ETERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$84,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,579			0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0	\$215,350
STIMULATION FLUID STORAGE			0333.0137	\$ 0					\$ 0
RBP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$500			\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLOWBACK WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING - CONVERSION - OTHER									\$ 0
OTHER LAND EXPENSES									\$ 0
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 2H

Tangible - Well Equipment						
Casing						
CONDUCTOR PIPE	0331.0206	\$8,054				\$8,054
WATER STRING CASING	0331.0221	\$19,278				\$19,278
SURFACE CASING	0331.0207	\$69,795				\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114				\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0				\$ 0
PRODUCTION CSG/TIE BACK	0331.0211	\$216,692	0333.0211	\$ 0		\$216,692
DRILLING LINER	0331.0223	\$ 0				\$ 0
TUBING			0333.0201	\$139,104	0334.0201	\$ 0
TUBULAR FREIGHT	0331.0212	\$38,000	0333.0212	\$12,000	0334.0212	\$ 0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$60,000	0334.0215	\$ 0
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$65,000	0333.0202	\$55,000	0334.0202	\$10,000
SURFACE EQUIPMENT					0334.0203	\$ 0
CELLAR	0331.0219	\$8,000				\$8,000
OTHER PRODUCTION EQUIPMENT					0334.0302	\$ 0
EQUIPMENT INSTALLATION			0336.0304	\$1,500	0334.0304	\$ 0
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0	0334.0305	\$ 0
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000	0334.0311	\$ 0
Tangible - Lease Equipment						
N/C LEASE EQUIPMENT			0336.0303	\$144,000	0334.0303	\$ 0
GATHERING/FLOWLINES			0336.0315	\$ 0	0334.0315	\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$ 500		\$ 500
METERING EQUIPMENT			0336.0321	\$14,500		\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500		\$42,500
SPOOLS			0336.0323	\$ 0		\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000		\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0		\$ 0
COMPRESSORS			0336.0326	\$ 0	0334.0326	\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000		\$8,000
BACKSIDE VENTILATION			0336.0328	\$ 0		\$ 0
WELL AUTOMATION MATERIALS					0334.0329	\$ 0
FL/GL - MATERIALS			0336.0331	\$32,500		\$32,500
SHORT ORDERS			0336.0332	\$7,000		\$7,000
PUMPS			0336.0333	\$ 500		\$ 500
WALKOVERS			0336.0334	\$2,000		\$2,000
BATTERY (HTR, TRTR, SEPAR, GAS T)			0336.0335	\$91,500		\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,500		\$4,500
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500		\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0		\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000		\$8,000
SWD/OTHER - MATERIALS			0336.0340	\$ 0		\$ 0
SWD/OTHER - LINE PIPE			0336.0341	\$ 0		\$ 0
AFE CONVERTED LTD SPEND						\$0
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500	\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216	\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 3H

Company Entity		Date Prepared		
Cimarex Energy Co. of Colorado		9/4/2024		
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 3H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location		Estimated Spud	Estimated Completion
Eddy, NM	Section 29 23S 29E		12/1/2025	
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	2nd Sand	DEV	18,700	8,750
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2490 FNL and 520 FWL of Section 29, 23S 29E, and the intended bottom hole location is 1870 FSL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the 2nd Sand formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 8,750 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lift Gas Equipment	\$369,000
Total Intangible Cost:	\$7,883,384	Total Tangible Cost:	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1 All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☒ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☒ I elect to take my gas in kind.

☐ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

9/4/2024



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 3H

Intangibles	Codes	Drilling	Completion / Stimulation	Codes	Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0		\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0		\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0
PERMITTING	0331.0018	\$1,500						\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0						\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000
FILTER CAKE CLEARING							0334.0025	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500		\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000						\$30,000
RIG MOBILIZE/DEMOBILIZE	0331.0035	\$108,125						\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000
MECHANICAL LABOR					0336.0042	\$98,000		\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0
DRILLING RIG	0331.0050	\$594,994						\$594,994
CASING CREW	0331.0055	\$87,200	0333.0055	\$ 0				\$87,200
TUBULAR INSPECTIONS	0331.0056	\$58,400	0333.0056	\$31,000			0334.0056	\$ 0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500
ROAD UPGRADES							0334.0060	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0
RIG FUEL	0331.0071	\$87,875	0333.0071	\$165,015			0334.0071	\$ 0
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0				\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,000			0334.0073	\$3,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0
DRILL BITS	0331.0080	\$90,000						\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000						\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0
MUD LOGGING	0331.0085	\$ 0						\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,970						\$518,970
DOWNHOLE RENTALS	0331.0095	\$28,000	0333.0095	\$40,000			0334.0095	\$ 0
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$80,565	0336.0096	\$4,000	0334.0096	\$35,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430						\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,681			0334.0102	\$35,000
RENTAL WORK STRING	0331.0104	\$43,200						\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500		\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000		\$55,000
FL/GL - LABOR					0336.0108	\$4,000		\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000		\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0
SURVEY					0336.0112	\$1,500		\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0		\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0		\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0
PRIMARY CEMENTING	0331.0120	\$264,800						\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0
CORING & CORE ANALYSIS	0331.0129	\$ 0						\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0
FRAC SAND TRANSPORTATION			0333.0133	\$814,114			0334.0133	\$ 0
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101				\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,579			0334.0135	\$10,000
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0
STIMULATION FLUID STORAGE			0333.0137	\$ 0				\$ 0
RBP WORK			0333.0138	\$ 0				\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$500		\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0						\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0		\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0
FLOWBACK WATER TREATING							0334.0157	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784				\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0
SWD - 3RD PARTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0				\$ 0
CONTINGENCY - DRUG, COMP, PLOM, FAC	0331.0190	\$145,985	0333.0190	\$202,429	0336.0190	\$ 0	0334.0190	\$ 0
CONTINGENCY - PIPELINE					0336.0191	\$ 0		\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0				\$ 0
DRILLING - CONVERSION - OTHER								\$ 0
OTHER LAND EXPENSES								\$ 0
Total Intangible Cost		\$3,065,681		\$4,250,987	\$242,000		\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 3H

Tangible - Well Equipment							
Casing							
CONDUCTOR PIPE	0331.0206	\$8,054				\$8,054	
WATER STRING CASING	0331.0211	\$19,278				\$19,278	
SURFACE CASING	0331.0207	\$69,795				\$69,795	
INTERMEDIATE CASING I	0331.0208	\$508,114				\$508,114	
INTERMEDIATE CASING II	0331.0209	\$ 0				\$ 0	
PRODUCTION CSG/TIE BACK	0331.0211	\$216,692	0331.0211	\$ 0		\$216,692	
DRILLING LINER	0331.0223	\$ 0				\$ 0	
TUBING			0333.0201	\$139,104	0334.0201	\$ 0	
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000	0334.0212	\$ 0	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$60,000	0334.0215	\$ 0	
	0331.0202	\$65,000	0333.0202	\$55,000	0334.0202	\$1,500	
SURFACE EQUIPMENT					0334.0203	\$ 0	
CELLAR	0331.0219	\$8,000				\$8,000	
OTHER PRODUCTION EQUIPMENT					0334.0302	\$ 0	
EQUIPMENT INSTALLATION				0336.0304	\$1,500	0334.0304	\$ 0
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0	0334.0305	\$ 0	
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000	0334.0311	\$ 0	
Tangible - Lease Equipment							
N/C LEASE EQUIPMENT				0336.0304	\$144,000	0334.0303	\$ 0
GATHERING/FLOWLINES				0336.0315	\$ 0	0334.0315	\$ 0
TANKS, STEPS, STAIRS				0336.0317	\$ 500		\$ 500
METERING EQUIPMENT				0336.0321	\$14,500		\$14,500
LEASE AUTOMATION MATERIALS				0336.0322	\$42,500		\$42,500
SPOOLS				0336.0323	\$ 0		\$ 0
FACILITY ELECTRICAL				0336.0324	\$10,000		\$10,000
SYSTEM TRANSLINE				0336.0325	\$ 0		\$ 0
COMPRESSORS				0336.0326	\$ 0	0334.0326	\$ 0
PRODUCTION EQUIPMENT FREIGHT				0336.0327	\$8,000		\$8,000
BACKSIDE VENTILATION				0336.0328	\$ 0		\$ 0
WELL AUTOMATION MATERIALS						0334.0329	\$ 0
FL/GL MATERIALS				0336.0331	\$32,500		\$32,500
SHORT ORDERS				0336.0332	\$7,000		\$7,000
PUMPS				0336.0333	\$ 500		\$ 500
WALKOVERS				0336.0334	\$2,000		\$2,000
BATTERY (HTR, TRTR, SEPAR, GAS T)				0336.0335	\$91,500		\$91,500
SECONDARY CONTAINMENTS				0336.0336	\$4,500		\$4,500
OVERHEAD POWER DISTR (TO FACILITY)				0336.0337	\$3,500		\$3,500
TELECOMMUNICATION EQUIPMENT				0336.0338	\$ 0		\$ 0
FACILITY LINE PIPE				0336.0339	\$8,000		\$8,000
SWD/OTHER - MATERIALS				0336.0340	\$ 0		\$ 0
SWD/OTHER - LINE PIPE				0336.0341	\$ 0		\$ 0
AFE CONVERTED LTD SPEND							
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500		\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216		\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 4H

Company Entity			Date Prepared	
Cimarex Energy Co. of Colorado			9/4/2024	
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 4H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location		Estimated Spud	Estimated Completion
Eddy, NM	Section 29 23S 29E		12/1/2025	
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	2nd Sand	DEV	18,700	8,750
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2510 FNL and 520 FWL of Section 29, 23S 29E, and the intended bottom hole location is 330 FSL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the 2nd Sand formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 8,750 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☐ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☐ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement

9/4/2024



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 4H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0							\$ 0
POST - DRILL WATER COMPLAINTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500							\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0							\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMobilIZE	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000	\$153,960
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$87,200	0333.0055	\$ 0					\$87,200
TUBULAR INSPECTIONS	0331.0056	\$58,800	0333.0056	\$11,000			0334.0056	\$ 0	\$69,800
WELDING/ROU/STAB/OUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,876	0333.0071	\$355,075			0334.0071	\$ 0	\$442,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$10,000			0334.0073	\$3,200	\$33,200
WATER/WEEL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,370							\$518,370
DOWNHOLE RENTALS	0331.0095	\$26,000	0333.0095	\$40,000			0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,490	0333.0096	\$50,568	0336.0096	\$4,000	0334.0096	\$35,000	\$246,022
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,881			0334.0102	\$35,000	\$98,881
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,579			0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0	\$215,350
STIMULATION FLUID STORAGE			0333.0137	\$ 0					\$ 0
RSP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$ 0			\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLOWBACK WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,965	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING - CONVERSION - OTHER									\$ 0
OTHER LAND EXPENSES									\$ 0
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$524,716	\$7,883,384



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 4H

Tangible - Well Equipment									
Casing									
CONDUCTOR PIPE	0331.0206	\$8,054							\$8,054
WATER STRING CASING	0331.0221	\$19,278							\$19,278
SURFACE CASING	0331.0207	\$69,795							\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114							\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0							\$ 0
PRODUCTION CSG/TIE BACK	0331.0211	\$214,692	0333.0211	\$ 0					\$214,692
DRILLING LINER	0331.0223	\$ 0							\$ 0
TUBING			0333.0201	\$139,184			0334.0201	\$ 0	\$139,184
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000			0334.0212	\$ 0	\$48,000
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$60,000			0334.0215	\$ 0	\$120,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$65,000	0333.0202	\$55,000			0334.0202	\$1,500	\$121,500
SURFACE EQUIPMENT							0334.0203	\$ 0	\$ 0
CELLAR	0331.0219	\$8,000							\$8,000
OTHER PRODUCTION EQUIPMENT							0334.0302	\$ 0	\$ 0
EQUIPMENT INSTALLATION					0336.0304	\$1,500	0334.0304	\$ 0	\$1,500
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0			0334.0305	\$ 0	\$ 0
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000			0334.0311	\$ 0	\$25,000
Tangible - Lease Equipment									
N/C LEASE EQUIPMENT			0336.0307	\$144,000	0334.0307	\$ 0			\$144,000
GATHERING/FLOWLINES			0336.0315	\$ 0	0334.0315	\$ 0			\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$500					\$500
METERING EQUIPMENT			0336.0321	\$14,500					\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500					\$42,500
SPOOLS			0336.0323	\$ 0					\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000					\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0					\$ 0
COMPRESSORS			0336.0326	\$ 0	0334.0326	\$ 0			\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000					\$8,000
BACKSIDE VENTILATION			0336.0328	\$ 0					\$ 0
WELL AUTOMATION MATERIALS					0334.0329	\$ 0			\$ 0
FL/G/L - MATERIALS			0336.0331	\$32,500					\$32,500
SHORT ORDERS			0336.0332	\$7,000					\$7,000
PUMPS			0336.0333	\$500					\$500
WALKOVERS			0336.0334	\$2,000					\$2,000
BATTERY (HTR, TRTR, SEPAR, GAS T)			0336.0335	\$91,500					\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,500					\$4,500
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500					\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0					\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000					\$8,000
SWD/OTHER - MATERIALS			0336.0340	\$ 0					\$ 0
SWD/OTHER - LINE PIPE									\$ 0
AFE CONVERTED LTD SPEND			0336.0341	\$ 0					\$ 0
Total Tangibles		\$990,933	\$291,104	\$370,500		\$1,500			\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500		\$326,216			\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 5H

Company Entity				Date Prepared
Cimarex Energy Co. of Colorado				9/4/2024
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 5H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location		Estimated Spud	Estimated Completion
Eddy, NM	Section 29 23S 29E		12/1/2025	
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	HARKEY	DEV	19,320	9,000
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2680 FNL and 460 FWL of Section 29, 23S 29E, and the intended bottom hole location is 330 FNL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the HARKEY formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 9,000 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☐ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☐ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

9/4/2024



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 5H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0					0334.0016	\$ 0	\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500					0334.0020	\$ 0	\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0					0334.0022	\$ 0	\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMobilize	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000	\$153,960
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$67,200	0333.0055	\$ 0					\$67,200
TUBULAR INSPECTIONS	0331.0059	\$58,800	0333.0056	\$31,000			0334.0056	\$ 0	\$89,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,876	0333.0071	\$365,015			0334.0071	\$ 0	\$452,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,000			0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,970							\$518,970
DOWN-HOLE RENTALS	0331.0095	\$25,000	0333.0095	\$40,000			0334.0095	\$ 0	\$65,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$60,568	0336.0096	\$4,000	0334.0096	\$35,000	\$246,028
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBAC SERVICES			0333.0102	\$63,681			0334.0102	\$35,000	\$98,681
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$308,743			0334.0131	\$ 0	\$308,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACURING			0333.0135	\$1,061,579			0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0	\$215,350
STIMULON FLUID STORAGE			0333.0137	\$ 0					\$ 0
RBP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$ 500			\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLOWBAC WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PARTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING CONVERSION OTHER									\$ 0
OTHER LAND EXPENSES									\$ 0
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 5H

Tangible - Well Equipment					
Casing					
CONDUCTOR PIPE	0331.0206	\$8,054			\$8,054
WATER STRING CASING	0331.0221	\$19,278			\$19,278
SURFACE CASING	0331.0207	\$69,795			\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114			\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0			\$ 0
PRODUCTION CSG/TIE BAC	0331.0211	\$216,692	0333.0211	\$ 0	\$216,692
DRILLING LINER	0331.0223	\$ 0			\$ 0
TUBING			0333.0201	\$139,104	\$139,104
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000	\$48,000
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$60,000	\$120,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$85,000	0333.0202	\$15,000	\$100,000
SURFACE EQUIPMENT			0334.0203	\$ 0	\$ 0
CELLAR	0331.0219	\$8,000			\$8,000
OTHER PRODUCTION EQUIPMENT			0334.0302	\$ 0	\$ 0
EQUIPMENT INSTALLATION			0336.0304	\$1,500	\$1,500
PUMPING UNIT, ENGINE & COMPONENTS			0334.0305	\$ 0	\$ 0
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000	\$25,000
Tangible - Lease Equipment					
N/C LEASE EQUIPMENT			0336.0303	\$144,000	\$144,000
GATHERING/FLOW LINES			0336.0315	\$ 0	\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$ 500	\$ 500
METERING EQUIPMENT			0336.0321	\$14,500	\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500	\$42,500
SPOOLS			0336.0323	\$ 0	\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000	\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0	\$ 0
COMPRESSORS			0336.0326	\$ 0	\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000	\$8,000
BACKSIDE VENTILATION			0336.0328	\$ 0	\$ 0
WELL AUTOMATION MATERIALS			0334.0329	\$ 0	\$ 0
FL/GI - MATERIALS			0336.0331	\$32,500	\$32,500
SHORT ORDERS			0336.0332	\$7,000	\$7,000
PUMPS			0336.0333	\$ 500	\$ 500
WALKOVERS			0336.0334	\$2,000	\$2,000
BATTERY (HTR, TRTR, SEPAR, GAS T)			0336.0335	\$91,500	\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,500	\$4,500
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500	\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0	\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000	\$8,000
SWD/OTHER - MATERIALS			0336.0340	\$ 0	\$ 0
SWD/OTHER - LINE PIPE			0336.0341	\$ 0	\$ 0
AFE CONVERTED LTD SPEND					
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500
					\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216
					\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 6H

Company Entity				Date Prepared
Cimarex Energy Co. of Colorado				9/4/2024
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 6H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location		Estimated Spud	Estimated Completion
Eddy, NM	Section 29 23S 29E		12/1/2025	
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	HARKEY	DEV	19,320	9,000
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2700 FNL and 460 FWL of Section 29, 23S 29E, and the intended bottom hole location is 1870 FNL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the HARKEY formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 9,000 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost	\$9,537,421		

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☐ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☒ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement

9/4/2024



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 6H

Intangibles	Codes	Drilling	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000		0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000		0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION						0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0
POST - DRILL WATER COMPLIANTS						0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500						\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0		0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0						\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000		0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250		0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING						0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000		0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$10,000						\$30,000
RIG MOBILIZE/DEMOLIBIZE	0331.0035	\$108,125						\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$80,568	0336.0040	\$3,500	0334.0040	\$13,000
MECHANICAL LABOR					0336.0042	\$98,000		\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0
DRILLING RIG	0331.0050	\$594,994						\$594,994
CASING CREW	0331.0055	\$57,200	0333.0055	\$ 0				\$57,200
TUBULAR INSPECTIONS	0331.0056	\$58,800	0333.0056	\$31,000		0334.0056	\$ 0	\$89,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000		0334.0059	\$30,500	\$81,500
ROAD UPGRADES						0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING						0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0		0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,876	0333.0071	\$365,015		0334.0071	\$ 0	\$452,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0				\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,000		0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0		0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000						\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000						\$333,000
STIMULATION FLUID			0333.0084	\$316,776		0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0						\$ 0
DICTIONAL DRILLING SERVICES	0331.0090	\$518,970						\$518,970
DOWNHOLE RENTALS	0331.0095	\$26,000	0333.0095	\$40,000		0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$60,568	0336.0096	\$4,000	0334.0096	\$35,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430						\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408		0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0		0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,881		0334.0102	\$35,000	\$98,881
RENTAL WORK STRING	0331.0104	\$43,200						\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0		0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500		\$6,500
FLUGL - ON PAD LABOR					0336.0107	\$55,000		\$55,000
FLUGL - LABOR					0336.0108	\$4,000		\$4,000
FLUGL - SUPERVISION					0336.0109	\$6,000		\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950		0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500		\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0		\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0		\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0
PRIMARY CEMENTING	0331.0120	\$264,800						\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0		0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000		0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0						\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000		0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743		0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138		0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114		0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101				\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,081,579		0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350		0334.0136	\$ 0	\$215,350
STIMULATION FLUID STORAGE			0333.0137	\$ 0				\$ 0
RBP WORK			0333.0138	\$ 0				\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$300		\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0						\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0		\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000		0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000		0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0		0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL						0334.0156	\$ 0	\$ 0
FLOWBACK WATER TREATING						0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784				\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0		0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL						0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL						0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL						0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE						0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS						0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL						0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)						0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE						0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0				\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0
CONTINGENCY - PIPELINE					0336.0191	\$ 0		\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0				\$ 0
DRILLING - CONVERSION - OTHER								
OTHER LAND EXPENSES								
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000	\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX
Laguna Grande Fed Com 29-28 6H

Tangible - Well Equipment					
CONDUCTOR PIPE	0331.0206	\$8,054			\$8,054
WATER STRING CASING	0331.0221	\$19,278			\$19,278
SURFACE CASING	0331.0207	\$69,795			\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114			\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0			\$ 0
PRODUCTION CSG/TIE BAC	0331.0211	\$216,692	0333.0211	\$ 0	\$216,692
DRILLING LINER	0331.0223	\$ 0			\$ 0
TUBING			0333.0201	\$139,104	
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$40,000	0333.0215	\$40,000	
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$65,000	0333.0202	\$55,000	
SURFACE EQUIPMENT					
CELLAR	0331.0219	\$8,000			\$8,000
OTHER PRODUCTION EQUIPMENT					
EQUIPMENT INSTALLATION			0336.0304	\$1,500	
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0	
LIFT EQUIP (GLV FSP PC PUMP RODS)			0333.0311	\$25,000	
Tangible - Lease Equipment					
N/C LEASE EQUIPMENT			0336.0303	\$144,000	
GATHERING/FLOWLINES			0336.0315	\$ 0	
TANKS, STEPS, STAIRS			0336.0317	\$ 500	
METERING EQUIPMENT			0336.0321	\$14,500	
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500	
SPOOLS			0336.0323	\$ 0	
FACILITY ELECTRICAL			0336.0324	\$10,000	
SYSTEM TRANSLINE			0336.0325	\$ 0	
COMPRESSORS			0336.0326	\$ 0	
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000	
BACKSIDE VENTILATION			0336.0328	\$ 0	
WELL AUTOMATION MATERIALS					
FL/GL MATERIALS			0336.0331	\$32,500	
SHORT ORDERS			0336.0332	\$7,000	
PUMPS			0336.0333	\$ 500	
WALKOVERS			0336.0334	\$2,000	
BATTERY (HTR TRTR, SEPAR, GAS T)			0336.0335	\$91,500	
SECONDARY CONTAINMENTS			0336.0336	\$4,500	
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500	
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0	
FACILITY LINE PIPE			0336.0339	\$8,000	
SWD/OTHER - MATERIALS			0336.0340	\$ 0	
SWD/OTHER - LINE PIPE			0336.0341	\$ 0	
AFE CONVERTED TO DISPEND					
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500
					\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216
					\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 7H

Company Entity				Date Prepared
Cimarex Energy Co. of Colorado				9/4/2024
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 7H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location		Estimated Spud	Estimated Completion
Eddy, NM	Section 29 23S 29E		12/1/2025	
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	HARKEY	DEV	19,320	9,000
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2720 FNL and 460 FWL of Section 29, 23S 29E, and the intended bottom hole location is 1870 FSL and 100 FEL of Section 28, 23S 29E. The well is proposed to be drilled vertically to the HARKEY formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 9,000 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities / Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☒ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☒ I elect to take my gas in kind.

☒ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

9/4/2024



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 7H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0	\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500							\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0						\$ 0	\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMOLITIZE	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,692	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000	\$153,960
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$67,200	0333.0055	\$ 0					\$67,200
TUBULAR INSPECTIONS	0331.0056	\$58,800	0333.0056	\$31,800			0334.0056	\$ 0	\$89,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,875	0333.0071	\$365,015			0334.0071	\$ 0	\$452,891
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,800			0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,876							\$518,876
DOWNHOLE RENTALS	0331.0095	\$26,000	0333.0095	\$40,000			0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$10,368	0336.0096	\$4,000	0334.0096	\$35,000	\$246,028
SOLIDS CONTROL EQUIP/ SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,681			0334.0102	\$35,000	\$98,681
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,579			0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0	\$215,350
STIMULATION FLUID STORAGE			0333.0137	\$ 0					\$ 0
RBP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$ 500			\$30,500
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLO "BAC" WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING - CONVERSION - OTHER									
OTHER LAND EXPENSES									
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$324,716	\$7,883,364



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX
Laguna Grande Fed Com 29-28 7H

Tangible - Well Equipment						
Casing						
CONDUCTOR PIPE	0331.0206	\$8,054				\$8,054
WATER STRING CASING	0331.0221	\$19,278				\$19,278
SURFACE CASING	0331.0207	\$69,795				\$69,795
INTERMEDIATE CASING I	0331.0208	\$508,114				\$508,114
INTERMEDIATE CASING II	0331.0209	\$ 0				\$ 0
PRODUCTION CSG/TIE BACK	0331.0211	\$216,692	0331.0211	\$ 0		\$216,692
DRILLING LINER	0331.0223	\$ 0				\$ 0
TUBING			0333.0201	\$139,104	0334.0201	\$ 0
TUBULAR FREIGHT	0331.0212	\$36,000	0333.0212	\$12,000	0334.0212	\$ 0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$60,000	0333.0215	\$80,000	0334.0215	\$ 0
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$65,000	0333.0202	\$95,000	0334.0202	\$1,500
SURFACE EQUIPMENT					0334.0203	\$ 0
CELLAR	0331.0219	\$8,000				\$8,000
OTHER PRODUCTION EQUIPMENT					0334.0302	\$ 0
EQUIPMENT INSTALLATION					0334.0304	\$ 0
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0	0334.0305	\$ 0
LIFT EQUIP (GLV, ESP, PC PUMP, RODS)			0333.0311	\$25,000	0334.0311	\$ 0
Tangible - Lease Equipment						
N/C LEASE EQUIPMENT			0336.0303	\$144,000	0334.0303	\$ 0
GATHERING/FLOWLINES			0336.0315	\$ 0	0334.0315	\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$ 500		\$ 500
METERING EQUIPMENT			0336.0321	\$14,500		\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500		\$42,500
SPOOLS			0336.0323	\$ 0		\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000		\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0		\$ 0
COMPRESSORS			0336.0326	\$ 0	0334.0326	\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000		\$8,000
BAC SIDE VENTILATION			0336.0328	\$ 0		\$ 0
WELL AUTOMATION MATERIALS					0334.0329	\$ 0
FL/GL - MATERIALS			0336.0331	\$32,500		\$32,500
SHORT ORDERS			0336.0332	\$7,000		\$7,000
PUMPS			0336.0333	\$ 500		\$ 500
WALKOVERS			0336.0334	\$2,000		\$2,000
BATTERY (HTR TRTR, SEPAR, GAS T)			0336.0335	\$91,500		\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,500		\$4,500
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500		\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0		\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000		\$8,000
SWD/OTHER - MATERIALS			0336.0340	\$ 0		\$ 0
SWD/OTHER - LINE PIPE			0336.0341	\$ 0		\$ 0
AFE CONVERTED LTD SPEND						
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500	\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216	\$9,537,421



Authorization For Expenditure - Drilling

AFE# PAFXXXXXXXXX

Laguna Grande Fed Com 29-28 8H

Company Entity		Date Prepared		
Cimarex Energy Co. of Colorado		9/4/2024		
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	Laguna Grande Fed Com 29-28 8H	New Mexico Bone Spring Pros (Eddy)		PAFXXXXXXXXX
County, State	Location	Estimated Spud	Estimated Completion	
Eddy, NM	Section 29 23S 29E	12/1/2025		
Status	Formation	Well Type	Total Measured Depth	Total Vertical Depth
New AFE	HARKEY	DEV	19,320	9,000
Purpose	Drill and Complete Well			
Description				
Drilling	The intended surface hole location for the well is 2740 FNL and 460 FWL of Section 29, 23S 29E, and the intended bottom hole location is 330 FSL and 100 FEL of Section 28, 23S 29E -The well is proposed to be drilled vertically to the HARKEY formation and laterally in a Easterly direction within the referenced bottom hole formation. Total vertical depth of the well is proposed to be approximately 9,000 feet.			

Intangible	Completed Well Cost	Tangible	Completed Well Cost
Drilling Costs	\$3,065,681		
Completion Costs	\$4,250,987		
Facilities - Construction Costs	\$242,000	Well Equipment	\$1,285,037
Post Completion Costs	\$324,716	Lease Equipment	\$369,000
Total Intangible Cost	\$7,883,384	Total Tangible Cost	\$1,654,037
Total Well Cost		\$9,537,421	

Comments On Well Costs

1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier.

Well Control Insurance

Unless otherwise indicated below, you, as a non-operating working interest owner, agree to be covered by Operator's well control insurances procured by Operator so long as Operator conducts operations hereunder and to pay your prorated share of the premiums therefore. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance acceptable to Operator, as to form and limits, at the time this AFE is returned, if available, but in no event later than commencement of drilling operations. You agree that failure to provide the certificate of insurance, as provided herein, will result in your being covered by insurance procured by Operator.

☐ I elect to purchase my own well control insurance policy.

Marketing Election

Cimarex sells its gas under arm's-length contracts with third party purchasers. Such contracts may include fees. In addition, penalties may be incurred for insufficient volumes delivered over time. Should you choose to market your share of gas with Cimarex, you will be subject to all the terms of such contracts. Upon written request to Cimarex's Marketing Department, we will share with you the terms and conditions pursuant to which gas will be sold. Failure to make an election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

☐ I elect to take my gas in kind.

☐ I elect to market my gas with Cimarex pursuant to the terms and conditions of its contract.

Comments on AFE

The above costs are estimates only and anticipate trouble free operations without any foreseeable change in plans. The actual costs may exceed the estimated costs without affecting the authorization for expenditure herein granted. By approval of this AFE, the working interest owner agrees to pay its proportionate share of actual legal, curative, regulatory and well costs under term of the joint operating agreement, regulatory order or other applicable agreement covering this well.

Nonoperator Approval

Company	Approved By (Print Name)	Approved By (Sign Name)	Date

NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.

9/4/2024



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 8H

Intangibles	Codes	Drilling	Codes	Completion / Stimulation	Codes	Production Equipment / Construction	Codes	Post Completion	Total Well Cost
LAND/LEGAL/CURATIVE	0331.0002	\$3,000			0336.0002	\$ 0			\$3,000
DAMAGES	0331.0005	\$40,000			0336.0005	\$ 0			\$40,000
LOCATION RECLAMATION							0334.0010	\$ 0	\$ 0
PRE - DRILL WATER SAMPLING	0331.0015	\$ 0						\$ 0	\$ 0
POST - DRILL WATER COMPLIANTS							0334.0016	\$ 0	\$ 0
PERMITTING	0331.0018	\$1,500							\$1,500
ENVIRONMENTAL INVESTIGATION & REMEDIATION	0331.0020	\$ 0	0333.0020	\$ 0			0334.0020	\$ 0	\$ 0
EHS AUDITS & INSPECTIONS	0331.0021	\$ 0							\$ 0
CONTAINMENT	0331.0022	\$10,000	0333.0022	\$10,000			0334.0022	\$ 0	\$20,000
PAD CLEANUP	0331.0024	\$5,000	0333.0024	\$4,250			0334.0024	\$13,000	\$22,250
FILTER CAKE CLEARING							0334.0025	\$ 0	\$ 0
ROAD/PAD CONSTRUCTION	0331.0030	\$110,000			0336.0030	\$4,500			\$114,500
CONDUCTOR, MOUSE HOLE & CELLAR INSTALLATION	0331.0031	\$30,000							\$30,000
RIG MOBILIZE/DEMobilIZE	0331.0035	\$108,125							\$108,125
SUPERVISION	0331.0040	\$76,892	0333.0040	\$60,568	0336.0040	\$3,500	0334.0040	\$13,000	\$153,960
MECHANICAL LABOR					0336.0042	\$98,000			\$98,000
AUTOMATION LABOR					0336.0043	\$41,500	0334.0043	\$ 0	\$41,500
DRILLING RIG	0331.0050	\$594,994							\$594,994
CASING CREW	0331.0055	\$67,200	0333.0055	\$ 0					\$67,200
TUBULAR INSPECTIONS	0331.0056	\$54,800	0333.0056	\$31,000			0334.0056	\$ 0	\$85,800
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	\$40,000	0333.0059	\$11,000			0334.0059	\$30,500	\$81,500
ROAD UPGRADES							0334.0060	\$ 0	\$ 0
FREIGHT/TRUCKING							0334.0065	\$ 0	\$ 0
CNG/LINE GAS FUEL	0331.0070	\$ 0	0333.0070	\$ 0			0334.0070	\$ 0	\$ 0
RIG FUEL	0331.0071	\$87,875	0333.0071	\$365,015			0334.0071	\$ 0	\$452,890
AUXILIARY POWER/ELECTRICITY	0331.0072	\$ 0	0333.0072	\$ 0					\$ 0
WATER & TRANSFER/TRUCKING (NOT DRUG MUD)	0331.0073	\$ 0	0333.0073	\$30,000			0334.0073	\$3,200	\$33,200
WATER WELL DRILL/TEST/REPAIR			0333.0074	\$ 0			0334.0074	\$ 0	\$ 0
DRILL BITS	0331.0080	\$90,000							\$90,000
DRILLING MUD & ADDITIVES	0331.0082	\$333,000							\$333,000
STIMULATION FLUID			0333.0083	\$316,776			0334.0083	\$ 0	\$316,776
MUD LOGGING	0331.0086	\$ 0							\$ 0
DIRECTIONAL DRILLING SERVICES	0331.0090	\$518,970							\$518,970
DOWNHOLE RENTALS	0331.0095	\$35,000	0333.0095	\$40,000			0334.0095	\$ 0	\$66,000
SURFACE RENTALS	0331.0096	\$146,460	0333.0096	\$60,568	0336.0096	\$4,000	0334.0096	\$35,000	\$246,028
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	\$74,430							\$74,430
FRAC TREE RENTAL			0333.0098	\$86,408			0334.0098	\$ 0	\$86,408
FISHING & SIDETRACK SERVICES/RENTALS	0331.0101	\$ 0	0333.0101	\$ 0			0334.0101	\$ 0	\$ 0
FLOWBACK SERVICES			0333.0102	\$63,681			0334.0102	\$35,000	\$98,681
RENTAL WORK STRING	0331.0104	\$43,200							\$43,200
STIMULATION FLUID TRANSFER/TRUCKING			0333.0105	\$ 0			0334.0105	\$ 0	\$ 0
IPC & EXTERNAL PAINTING					0336.0106	\$6,500			\$6,500
FL/GL - ON PAD LABOR					0336.0107	\$55,000			\$55,000
FL/GL - LABOR					0336.0108	\$4,000			\$4,000
FL/GL - SUPERVISION					0336.0109	\$6,000			\$6,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	\$39,950			0334.0110	\$ 0	\$39,950
SURVEY					0336.0112	\$1,500			\$1,500
SWD/OTHER - LABOR					0336.0113	\$ 0			\$ 0
SWD/OTHER - SUPERVISION					0336.0114	\$ 0			\$ 0
OTHER RIG/MISC EXPENSES	0331.0116	\$60,000	0333.0116	\$31,534	0336.0116	\$9,500	0334.0116	\$ 0	\$101,034
PRIMARY CEMENTING	0331.0120	\$264,800							\$264,800
REMEDIAL CEMENTING	0331.0121	\$ 0	0333.0121	\$ 0			0334.0121	\$ 0	\$ 0
LOGGING SERVICES/RENTALS	0331.0126	\$ 0	0333.0126	\$25,000			0334.0126	\$ 0	\$25,000
CORING & CORE ANALYSIS	0331.0129	\$ 0							\$ 0
WELL CONTROL EQUIP/SERVICES	0331.0130	\$64,449	0333.0130	\$10,000			0334.0130	\$ 0	\$74,449
STIMULATION CHEMICALS			0333.0131	\$306,743			0334.0131	\$ 0	\$306,743
FRAC SAND			0333.0132	\$370,138			0334.0132	\$ 0	\$370,138
FRAC SAND TRANSPORTATION			0333.0133	\$614,114			0334.0133	\$ 0	\$614,114
PUMP DOWN SERVICES/EQUIPMENT			0333.0134	\$48,101					\$48,101
STIMULATION/FRACTURING			0333.0135	\$1,061,579			0334.0135	\$10,000	\$1,071,579
PERFORATING & WIRELINE SERVICES			0333.0136	\$215,350			0334.0136	\$ 0	\$215,350
STIMULATION FLUID STORAGE			0333.0137	\$ 0					\$ 0
RBP WORK			0333.0138	\$ 0					\$ 0
CAPITALIZED EMPLOYEE LABOR	0331.0140	\$ 0	0333.0140	\$ 0	0336.0140	\$5,000	0334.0140	\$ 0	\$5,000
CAPITALIZED EMPLOYEE FRINGE BENEFITS	0331.0141	\$ 0	0333.0141	\$ 0	0336.0141	\$2,500	0334.0141	\$ 0	\$2,500
OVERHEAD	0331.0142	\$15,000	0333.0142	\$15,000	0336.0142	\$ 0			\$30,000
WELL CONTROL INSURANCE	0331.0143	\$ 0							\$ 0
AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0144	\$ 0			\$ 0
COMPLETION RIG/WORKOVER RIG			0333.0150	\$24,000			0334.0150	\$ 0	\$24,000
COIL TUBING SERVICES			0333.0151	\$180,000			0334.0151	\$ 0	\$180,000
SNUBBING UNIT SERVICES			0333.0152	\$ 0			0334.0152	\$ 0	\$ 0
FLOWBACK WATER DISPOSAL							0334.0156	\$ 0	\$ 0
FLOWBACK WATER TREATING							0334.0157	\$ 0	\$ 0
MUD DISPOSAL LABOR/EQUIP	0331.0165	\$50,000	0333.0165	\$27,784					\$77,784
MUD DISPOSAL TRANSPORT/LANDFILL CHARGES	0331.0166	\$ 0	0333.0166	\$ 0			0334.0166	\$ 0	\$ 0
SWD - PIPED TO CTRA SWD WELL							0334.0171	\$185,016	\$185,016
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD WELL							0334.0173	\$ 0	\$ 0
SWD - HAULED TO CTRA SWD DISP FEE							0334.0174	\$ 0	\$ 0
FILTER CAKE COSTS							0334.0175	\$ 0	\$ 0
SWD - HAULED TO 3RD PARTY SWD WELL							0334.0176	\$ 0	\$ 0
SWD - 3RD PTY DISP FEE (DIRECT BILL)							0334.0177	\$ 0	\$ 0
SWD - CTRA GATHERING FEE							0334.0178	\$ 0	\$ 0
RECYCLED WATER DELIVERY FEE			0333.0179	\$ 0					\$ 0
CONTINGENCY - DRUG, COMP, PCOM, FAC	0331.0190	\$145,985	0333.0190	\$202,428	0336.0190	\$ 0	0334.0190	\$ 0	\$348,413
CONTINGENCY - PIPELINE					0336.0191	\$ 0			\$ 0
REAL TIME OPERATIONS CENTER	0331.0192	\$ 0	0333.0192	\$ 0					\$ 0
DRILLING - CONVERSION - OTHER									\$ 0
OTHER LAND EXPENSES									\$ 0
Total Intangible Cost		\$3,065,681		\$4,250,987		\$242,000		\$324,716	\$7,883,384



Authorization For Expenditure - Drilling

 AFE# PAFXXXXXXXXX
 Laguna Grande Fed Com 29-28 8H

Tangible - Well Equipment							
Casing							
CONDUCTOR PIPE	0331.0206	\$8,054				\$8,054	
WATER STRING CASING	0331.0221	\$19,278				\$19,278	
SURFACE CASING	0331.0207	\$69,795				\$69,795	
INTERMEDIATE CASING I	0331.0208	\$508,114				\$508,114	
INTERMEDIATE CASING II	0331.0209	\$ 0				\$ 0	
PRODUCTION CSG/TIEBACK	0331.0211	\$216,692	0333.0211	\$ 0		\$216,692	
DRILLING LINER	0331.0223	\$ 0				\$ 0	
TUBING			0333.0201	\$139,104	0334.0201	\$ 0	
TUBULAR FREIGHT	0331.0212	\$35,000	0333.0212	\$12,000	0334.0212	\$ 0	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	\$80,000	0333.0215	\$60,000	0334.0215	\$ 0	
WELLHEAD EQUIPMENT SURFACE	0331.0202	\$85,000	0333.0202	\$55,000	0334.0202	\$1,500	
SURFACE EQUIPMENT					0334.0203	\$ 0	
CELLAR	0331.0219	\$8,000				\$8,000	
OTHER PRODUCTION EQUIPMENT					0334.0302	\$ 0	
EQUIPMENT INSTALLATION				0336.0304	\$1,500	0334.0304	\$ 0
PUMPING UNIT, ENGINE & COMPONENTS			0333.0305	\$ 0		0334.0305	\$ 0
LIFT EQUIP (GLV,ESP,PC,PUMP,RODS)			0333.0311	\$25,000		0334.0311	\$ 0
Tangible - Lease Equipment							
N/C LEASE EQUIPMENT			0336.0308	\$144,000	0334.0303	\$ 0	\$144,000
GATHERING/FLOWLINES			0336.0315	\$ 0	0334.0315	\$ 0	\$ 0
TANKS, STEPS, STAIRS			0336.0317	\$ 500			\$ 500
METERING EQUIPMENT			0336.0321	\$14,500			\$14,500
LEASE AUTOMATION MATERIALS			0336.0322	\$42,500			\$42,500
SPOOLS			0336.0323	\$ 0			\$ 0
FACILITY ELECTRICAL			0336.0324	\$10,000			\$10,000
SYSTEM TRANSLINE			0336.0325	\$ 0			\$ 0
COMPRESSORS			0336.0326	\$ 0	0334.0326	\$ 0	\$ 0
PRODUCTION EQUIPMENT FREIGHT			0336.0327	\$8,000			\$8,000
BACKSIDE VENTILATION			0336.0328	\$ 0			\$ 0
WELL AUTOMATION MATERIALS					0334.0329	\$ 0	\$ 0
FL/GL - MATERIALS			0336.0331	\$82,500			\$82,500
SHORT ORDERS			0336.0332	\$7,000			\$7,000
PUMPS			0336.0333	\$ 500			\$ 500
WALKOVERS			0336.0334	\$7,000			\$2,000
BATTERY (HTR,TRTR,SEPAR,GAS T)			0336.0335	\$91,500			\$91,500
SECONDARY CONTAINMENTS			0336.0336	\$4,500			\$4,500
OVERHEAD POWER DISTR (TO FACILITY)			0336.0337	\$3,500			\$3,500
TELECOMMUNICATION EQUIPMENT			0336.0338	\$ 0			\$ 0
FACILITY LINE PIPE			0336.0339	\$8,000			\$8,000
SWD/OTHER MATERIALS			0336.0340	\$ 0			\$ 0
SWD/OTHER LINE PIPE			0336.0341	\$ 0			\$0
AFE CONVERTED TO SPEND							
Total Tangibles		\$990,933	\$291,104	\$370,500	\$1,500		\$1,654,037
Total Cost		\$4,056,614	\$4,542,091	\$612,500	\$326,216		\$9,537,421

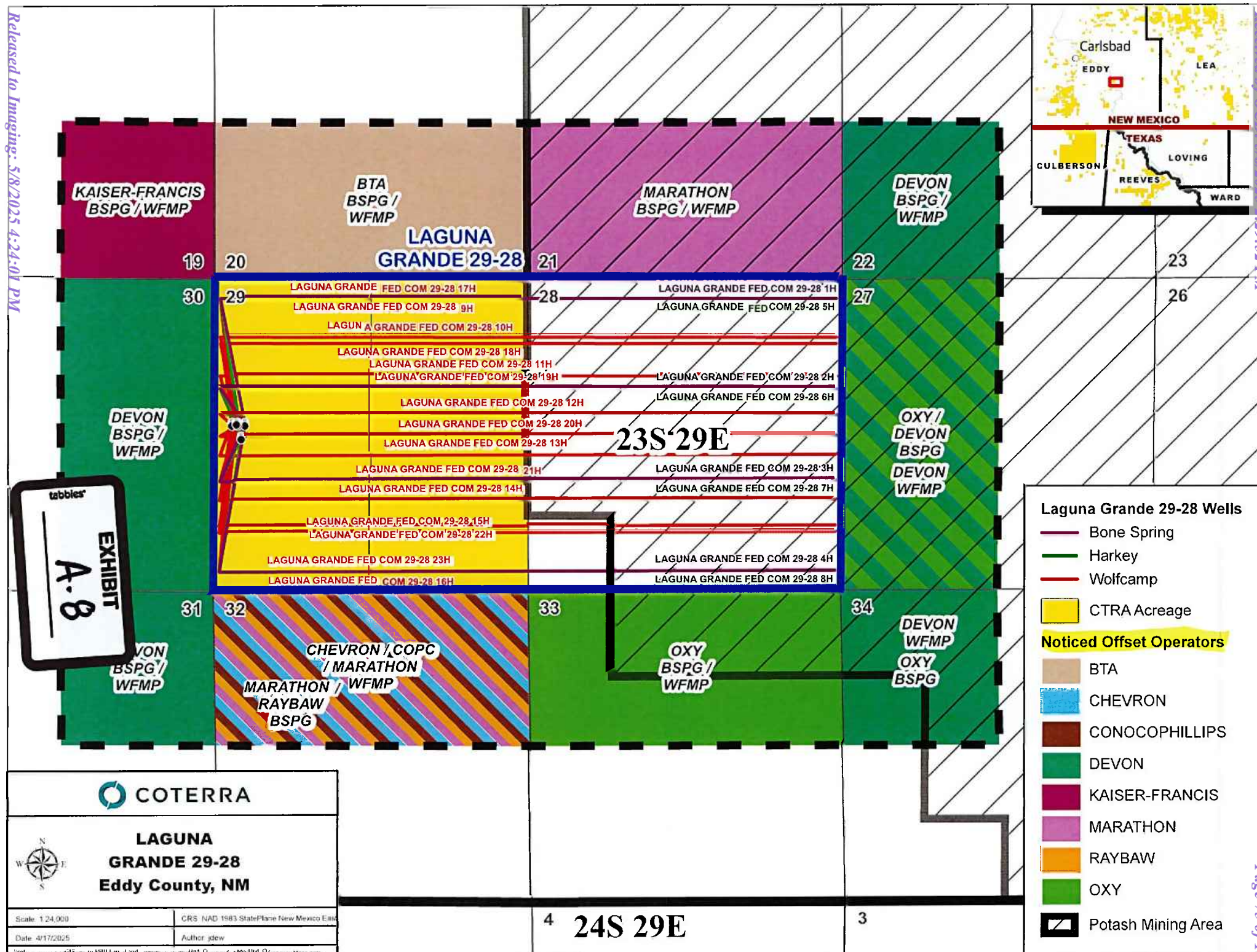
**Summary of Contacts With Uncommitted Working Interest Owners
To Be Pooled
Cases 25091 and 25259**

- Cimarex retained a broker who conducted extensive title work to determine the working interest owners and other interest owners.
- Cimarex searched public records, phone directory, and various different types of internet searches.
- Cimarex first sent well proposal letters to the working interest owners on or around September 9, 2024, and then sent follow up proposal letters on or around December 3, 2024.
- Cimarex had multiple communications with the uncommitted working interest owners, which I have outlined in the chart below.
- Cimarex filed the application to force pool uncommitted working interest owners who had not entered in to an agreement.
- Cimarex's counsel sent notices of the force pooling applications to the addresses of record for the uncommitted working interest owners and also for overriding royalty interest owners.
- Cimarex's counsel also published notice in a newspaper of general circulation in the county where the wells will be located.

Name	Ownership Type	Date Proposal Letter Sent	Proposal Letter Received	Follow Up
James Moore and wife, Karen Moore	WIO	12/3/2024	12/4/2024	3/31/25: Telephone call with James Moore regarding this interest. 3/26/25: Sent JOA 4/22/25: Phone call with James Moore. We will re-propose under the order and they will make a decision (same for sisters).
James Thomas Moore, as Trustee of the James Thomas Moore Child's Trust	WIO	12/3/2024	12/4/2024	3/31/25: Telephone call with James Moore regarding this interest. 3/26/25: Sent JOA 4/22/25: Phone call with James Moore. We will re-propose under the order and they will make a decision (same for sisters).
Ann Moore Jensen, as Trustee of the Ann Moore Jensen Child's Trust	WIO	12/3/2024	12/4/2024	3/31/25: Telephone call with James Moore regarding this interest. 3/26/25: Sent JOA 4/22/25: Phone call with James Moore. We will re-propose under the order and they will make a decision (same for sisters).
Marilyn Moore Jackson, as Trustee of the Marilyn Moore Jackson Child's Trust	WIO	12/3/2024	12/4/2024	3/31/25: Telephone call with James Moore regarding this interest. 3/26/25: Sent JOA 4/22/25: Phone call with James Moore. We will re-propose under the order and



				they will make a decision (same for sisters).
Chevron U.S.A., Inc.	WIO	12/3/2024	12/4/2024	3/26/25: Sent JOA 4/19/25, 4/21/25, 4/22/25 and 4/23/25 discussions regarding proposal and JOA with Scott Sabrsula at Chevron 4/25/25: Reached out to Scott again to gauge if Chevron plans to participate or not.
ConocoPhillips Company	WIO	12/3/2024	12/4/2024	2/25/25 to Present: I have had ongoing conversations with Davis Johnson at COPC/Marathon. We are very close to having a JOA worked out and will remove them from the pooled party list once the JOA is in place.
Marathon Oil Permian LLC	WIO	12/3/2024	12/4/2024	2/25/25 to Present: I have had ongoing conversations with Davis Johnson at COPC/Marathon. We are very close to having a JOA worked out and will remove them from the pooled party list once the JOA is in place.
Prime Rock Resources, LLC	WIO	12/3/2024	12/4/2024	3/26/25: Sent JOA 4/14/25, 4/17/25, 4/18/25, 4/21/25 communication with Jason South at Prime Rock regarding proposals and JOA 4/25/25, 4/28/25 and 4/29/25 Followed up on JOA
Occidental Permian Limited Partnership	WIO	12/3/2024	12/4/2024	3/25/25, 3/26/25/ 4/21/25 email discussions on JOA and Proposals with Alissa Payne at Oxy. 3/26/25: Sent JOA 4/21/25 and 4/23/25 discussion regarding JOA terms
Ridge Runner Resources	WIO	12/3/2024	12/4/2024	Murchison interest is now owned by Riderunner Resources ("RRR"). 3/26/25: Sent JOA. 4/21/25 communicated with Brian van Stavern at RRR regarding proposals/JOA.
Enduro Operating LLC	WIO	12/3/2024	12/4/2024	3/26/25: Sent JOA 4.25.25: Messaged Enduro on LinkedIn for a contact to discuss further
MRC Permian	WIO	12/3/2024	12/4/2024	3/26/25: Sent JOA Multiple conversations with Isaac Evans at MRC between January 2025 and present which yielded a letter agreement between MRC and Cimarex on the development of subject lands.



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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

SELF-AFFIRMED STATEMENT OF JENNY BLAKE

1. My name is Jenny Blake. I am employed as a petroleum geologist for Coterra Energy Operating Co. ("Coterra"). I have previously testified before the Oil Conservation Division ("Division") as an expert petroleum geologist and my credentials as an expert were accepted by the Division as a matter of record.

2. Coterra was formed by the merger of Cabot Oil and Gas Corporation and Cimarex Energy Co. Coterra has several subsidiaries. This application was filed on behalf of Cimarex Energy Co. Cimarex Energy Co. of Colorado is a subsidiary of Cimarex Energy Co., which recently changed its name to Coterra Energy Operating Co. Cimarex Energy Co. of Colorado will be the operator of these wells.

3. My work includes the Permian Basin and Eddy County, I am personally familiar with the application filed in this case, and I have conducted a geologic study of the lands in the subject area.

4. **Exhibit B-1** is a locator map showing the approximate location of the proposed unit. **Exhibit B-1** also includes a cross-section reference map that identifies four wells in the vicinity of the proposed wells, shown by a line of cross-section running from A to A'.

5. **Exhibit B-2** is a wellbore schematic showing Cimarex's development plan.

**Case No. 25259
Exhibit B**

6. **Exhibit B-3** is a structure map of the Second Bone Spring Sand formation. The proposed spacing unit is identified by a black box. The contour interval used in this exhibit is 100 feet. This exhibit shows that the structure dips gently to the southeast.

7. **Exhibit B-4** is a structure map of the Third Bone Spring formation. The proposed spacing unit is identified by a black box. The contour interval used in this exhibit is 50 feet. This exhibit shows that the structure dips gently to the southeast.

8. **Exhibit B-5** is a stratigraphic cross-section, and the well logs shown on the cross-section give a representative sample of the Second Bone Spring Sand and the Third Bone Spring Carbonate. The Laguna Grande Second and Third Bone Spring wells are identified by black dots. In my opinion, the Second Bone Spring and Third Bone Spring formation have consistent thickness cross the unit.

9. I conclude from the geology studies referenced above that:

- a. The horizontal spacing unit is justified from a geologic standpoint.
- b. There are no structural impediments or faulting that will interfere with horizontal development.
- c. Each quarter-quarter section in the proposed unit will contribute more or less equally to production.

10. The Laguna Grande wells are east/west wells. The stress orientation in this area of Eddy County is approximately northeast, which means that either east/west or north/south orientation is appropriate.

11. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.


12. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

13. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature Page Follows]

5/8/2025

Date


Jenny Blake

COTERRA

B-1

Exhibit – X-SECT LOCATION

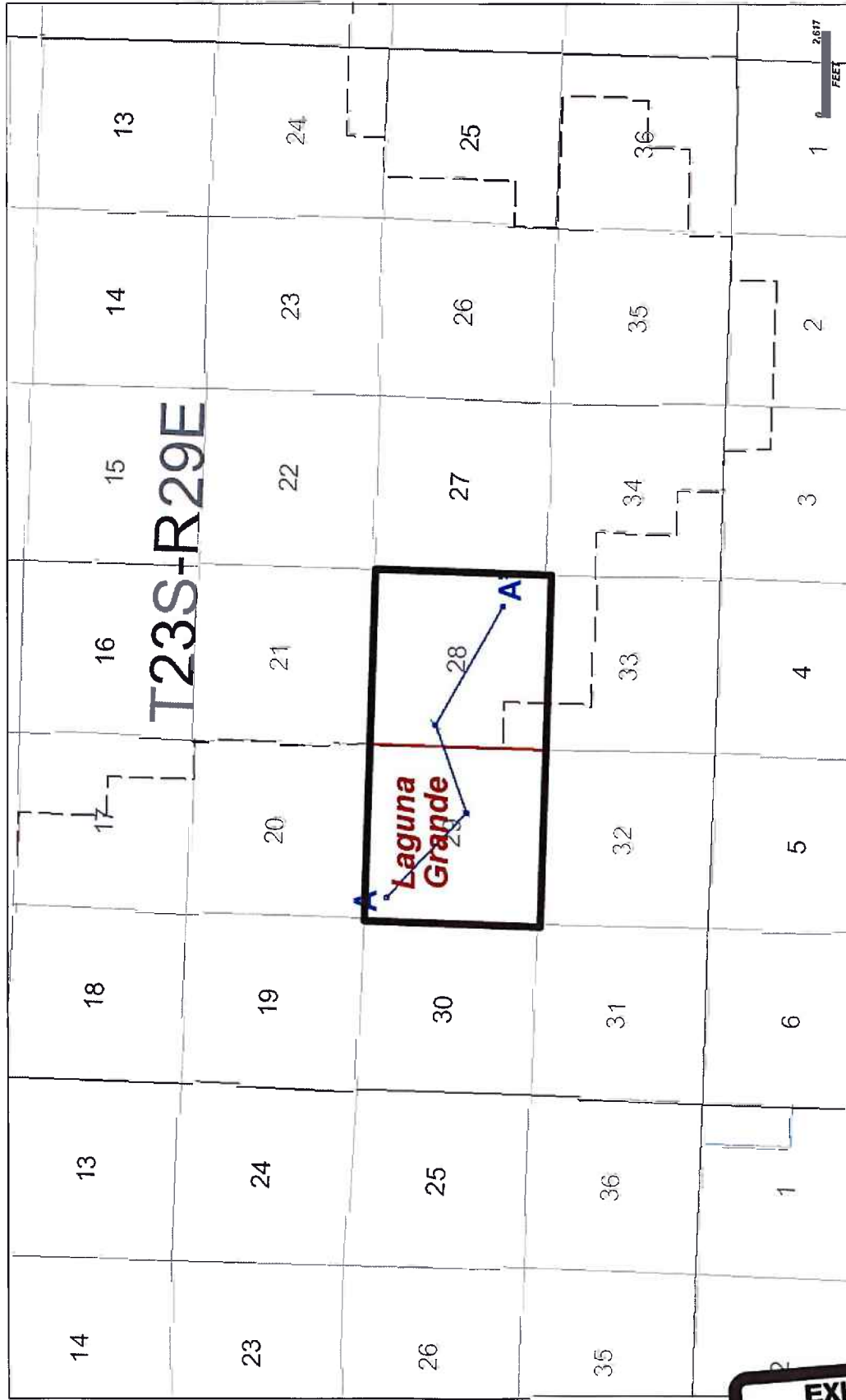


EXHIBIT
B-1

Exhibit – CTRA PROPOSED AND FUTURE DEVELOPMENT

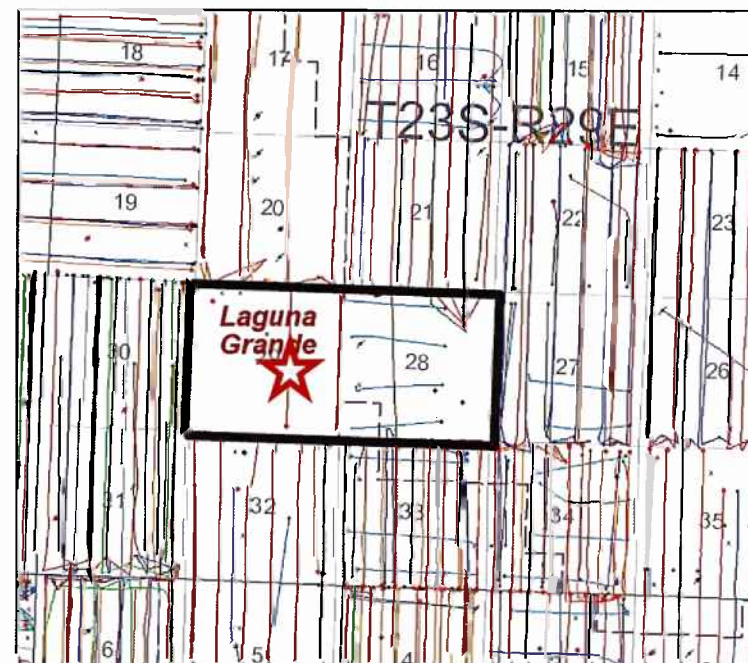
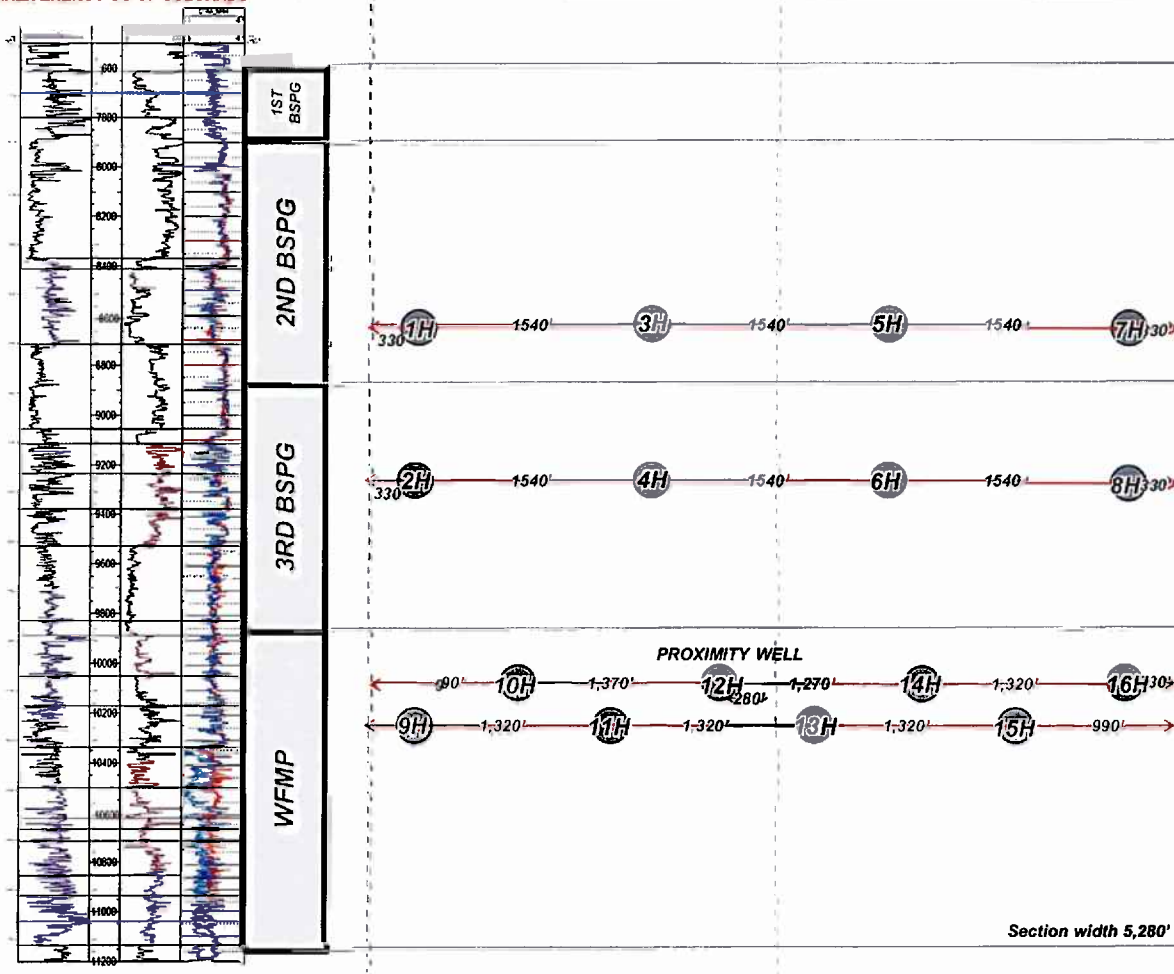
B-2



30015234140000
LAGUNA GRANDE UNIT 003
MAREX ENERGY CO OF COLORADO



Laguna Grande



PROPOSED

*17H / 18H 1 mi. U WELLS
IN SECTION 29 ONLY

EXHIBIT
B-2

COTERRA

B-3

Exhibit – 2ND BONE SPRING SAND STRUCTURE SSTD

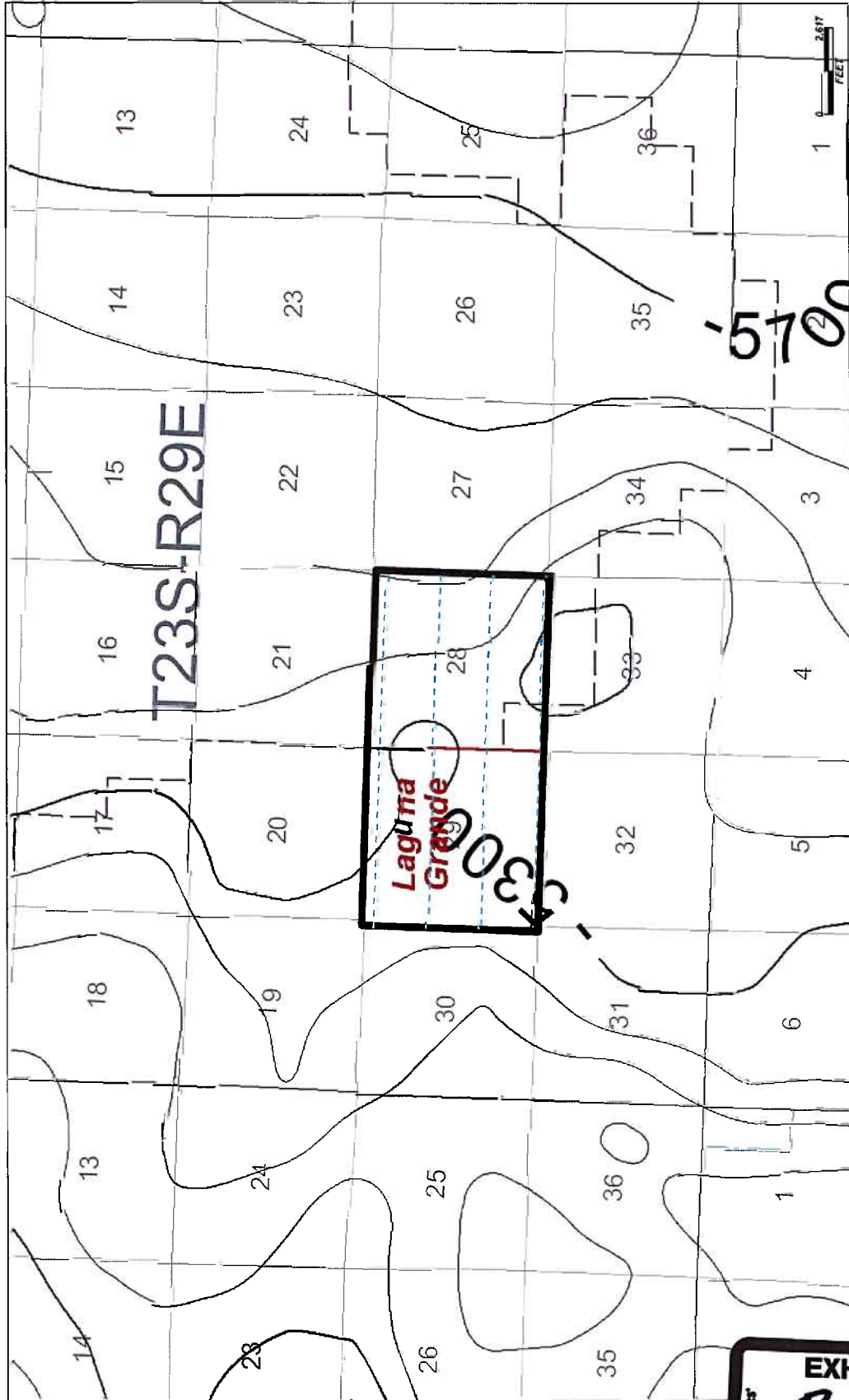
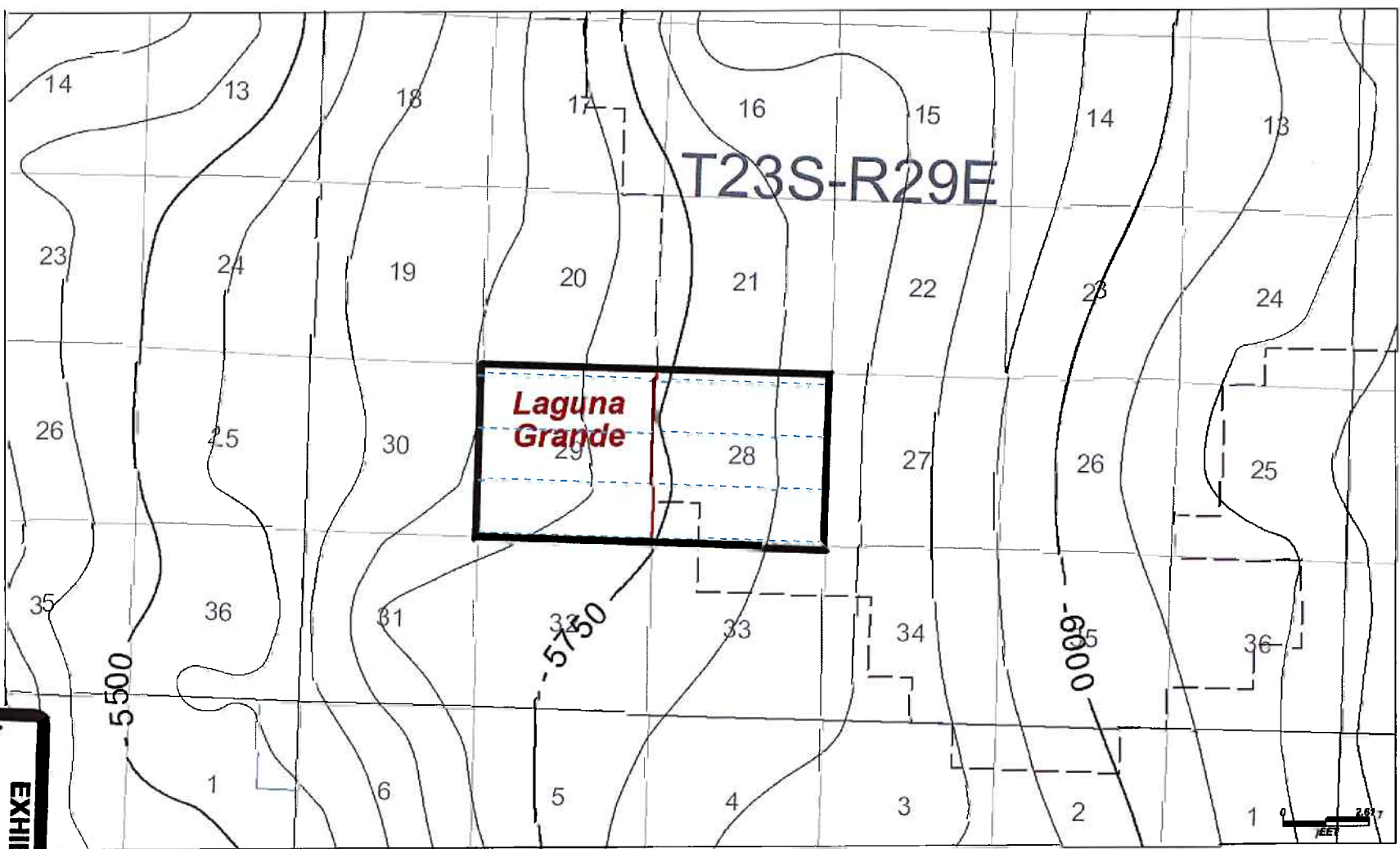
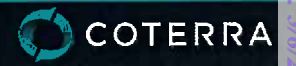


EXHIBIT
B.3

Exhibit – 3RD BONE SPRING STRUCTURE SSTVD

B-4

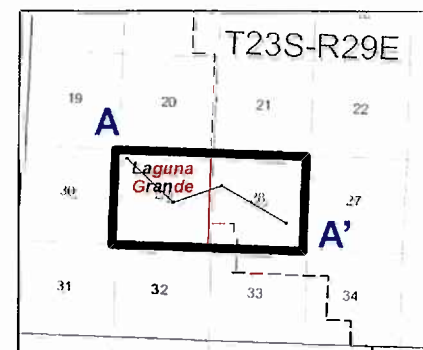
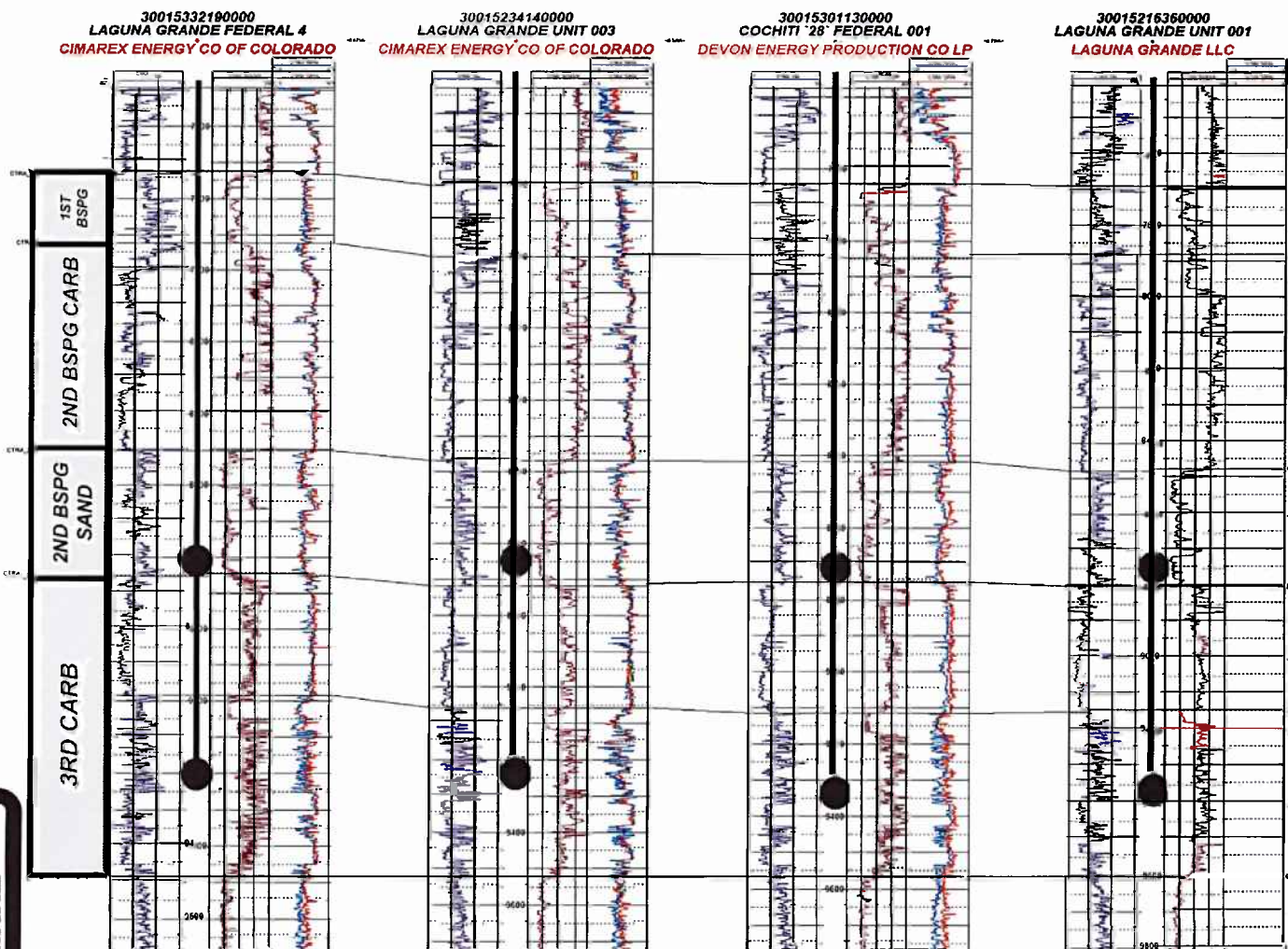


tabbles
EXHIBIT
B.4

Exhibit – X-SECT OF TARGETS ACROSS 29-28 BSPG

B-5

COTERRA



● PROPOSED

tabbles'

EXHIBIT

B-5

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE EXTENT NECESSARY,
APPROVAL OF AN OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

SELF-AFFIRMED STATEMENT OF YURY GOLCHENKO

Yury Golchenko hereby states and declares as follows:

1. I am over the age of 18, I am a reservoir engineer for Coterra Energy Operating Co. ("Coterra") and have personal knowledge of the matters stated herein. My area of responsibility includes the area of Eddy County in New Mexico.
2. Coterra was formed by the merger of Cabot Oil and Gas Corporation and Cimarex Energy Co. Coterra has several subsidiaries. This application was filed on behalf of Cimarex Energy Co. Cimarex Energy Co. of Colorado is a subsidiary of Cimarex Energy Co., which recently changed its name to Coterra Energy Operating Co. Cimarex Energy Co. of Colorado will be the operator of these wells.
3. I have not previously testified before the Oil Conservation Division ("Division"). I attended Texas A&M University where I received Bachelor of Science in Petroleum Engineering. I have worked in the industry as a petroleum engineer for over 7 years. I have worked as a reservoir engineer with Coterra since May of 2024. Before joining Coterra, I worked as a reservoir engineer with ExxonMobil, and as a Reservoir, Production, Completions, Facilities, Water Resources engineer at EOG Resources. My resume is attached as Exhibit C.3.

**Case No. 25259
Exhibit C**

4. I am familiar with the application filed in this case and the surface production facilities required to develop the oil underlying the subject acreage.

5. In this case, Cimarex seeks approval of a 1280-acre more or less non-standard Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico.

6. Cimarex seeks to minimize surface disturbance and costs by consolidating facilities and commingling production from the wells and future wells in the proposed non-standard spacing unit.

7. To allow the wells to be dedicated to the acreage subject to the desired Communitization Agreement, Cimarex requires approval of non-standard spacing unit.

8. **Exhibits C-1 and C-2** illustrate the benefit of the non-standard unit Cimarex is requesting.

9. As shown on **Exhibit C-1**, if Cimarex has to develop the acreage using standard horizontal spacing unit, Cimarex will need a total of 4 units. Under Cimarex's requested non-standard unit application, Cimarex will only need a total of one unit and would not be constrained by internal setback requirements in well placement, allowing Cimarex to more efficiently and effectively develop the acreage. In my opinion, the non-standard unit is necessary to maximize the recovery of oil and gas reserves from the Bone Spring formation underlying all of Sections 28 and 29. Approval of the non-standard unit will also allow Cimarex to use its preferred well spacing plan for the horizontal wells in this area, which, again, will maximize recovery, prevent waste, and protect correlative rights.

10. **Exhibit C-2** identifies the reduced cost savings and surface disturbance that will occur if the non-standard spacing units are not approved. If Cimarex has to develop the acreage

using standard spacing units, 5 additional tank batteries will be required (across Bone Spring & Wolfcamp) at a cost of approximately \$13,000,000 and require an additional surface disturbance of 37.5 acres. If the non-standard spacing unit is approved, the additional cost and surface disturbance required for the tank batteries will be avoided.

11. In my opinion, approval of Cimarex's non-standard unit application will allow Cimarex to efficiently locate surface facilities, reduce surface disturbance, and promote effective well spacing.

12. In my opinion, the granting of this application is in the interests of conservation and the prevention of waste.

13. The exhibits to my self-affirmed statement were prepared by me, or compiled from company business records, or were prepared at my direction or supervision.

14. I attest under penalty of perjury the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief and I will adopt this testimony at the hearing in this matter.

[Signature page follows]

04/30/2025

Date



Yury Golchenko



LAGUNA
GRANDE 29-28

30

29

428

27

32

33

34

23S 29E

NMNM 019848

NMNM 086024

NMNM
136211

LAGUN A GRANDE FED.COM.29-28 1H

LAGUNA GRANDE FED COM 29-28 5H

LAGUNA GRANDE FED.COM 29-28 2H

LAGUNA GRANDE FED COM 29-28 6H

LAGUNA GRANDE FED COM 29-28'3H

LAGUNA GRANDE FED COM 29-28 7H

LAGUNA GRANDE FED COM 29-28 4H

LAGUNA GRANDE FED COM 29-28 8H



**LAGUNA
GRANDE 29-28
Eddy County, NM**


Source: 124000	CJS: HAD 1483 StatePlane New Mexico F
Date: 11/21/2015	Author: jlevy
Source: 124000	CJS: HAD 1483 StatePlane New Mexico F
Date: 11/21/2015	Author: jlevy

Laguna Grande 29-28 Wells

— Bone Spring

Harkey

■ CTB

 Potash Mining Area

NMNM 019848 (Tract 1)

NMNM 086024 (Tract 2)

NMNM 136211 (Tract 3)

Allocation Percentage

50%

37.5%

12.5%

Received by Engineering - 5/10/2025 4:24:01 PM

Received by OGD - 5/10/2025 2:29:52 PM

19

Non-Standard Unit
Requires Single CTB

20

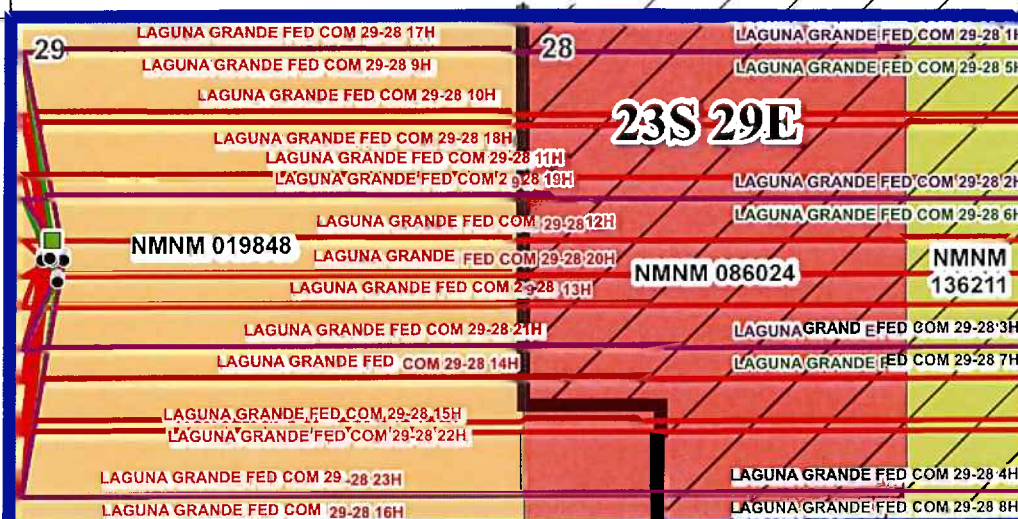
21

22



30

LAGUNA GRANDE 29-28



32

33

34



LAGUNA GRANDE 29-28 Eddy County, NM

Scale: 1:24,000 CRS: NAD 1983 StatePlane New Mexico East
Date: 4/24/2025 Author: jdw

Laguna Grande 29-28 Wells

- Bone Spring
- Harkey
- Wolfcamp
- CTB

Potash Mining Area

Allocation Percentage

NMNM 019848 (Tract 1)	50%
NMNM 086024 (Tract 2)	37.5%
NMNM 136211 (Tract 3)	12.5%

Page 90 of 136

Facilities Costs - Exhibit C-2



Scenario	Design Basis Per CTB (BPOD)	CTB Cost (\$M)	Pipeline/ Utilities Cost (\$M)	Total Capital (\$M)	CTB & Pipeline Disturbance (Acres)
Baseline 4x BSPG & 2 WFMP Spacing Units (6x CTBs)	1,625	\$26,000	\$7,000	\$33,000	46.8
4x BSPG Spacing Units & 1x WFMP (5x CTBs)	1,625	\$24,000	\$6,000	\$30,000	33.5
1x BSPG Spacing Unit & 1x WFMP (2x CTBs)	6,500	\$21,000	\$6,000	\$27,000	18.5
NSU (Single CTB)	13,000	\$15,000	\$5,000	\$20,000	9.3
SAVINGS		\$11,000	\$2,000	\$13,000	37.5

40% decrease in facilities CAPEX & 80% decrease in the surface disturbance



YURY GOLCHENKO

3612 Bermuda Ct, Midland, TX 79707

(713) 363-1214 | yury.golchenko@coterra.com | <http://www.linkedin.com/in/yury-golchenko>

PROFESSIONAL EXPERIENCE

Coterra Energy, Midland, TX

Reservoir Engineer

May 2024 – Present

Permian Business Unit

- Development planning of Coterra's Delaware basin assets; Economic evaluation of non-ops & trades in Eddy Co; Well productivity analysis utilizing RTA, material balance, deterministic & stochastic methods; Reservoir surveillance & flowback analysis of existing assets across Culberson & Eddy Co; Basin-wide data analysis of production & frac data to identify key performance drivers to optimize & design completions; Utilize machine learning tools to aid in development decisions; Prepare & present projects and quarterly updates to the senior management on asset delineation results & associated reappraisals; Work & collaborate with multi-disciplinary teams across Coterra's value chain

ExxonMobil, Spring, TX

Reservoir Engineer

May 2023 – May 2024

Bakken Business Unit

- Asset Development; Reserves Forecasting; Type Curve/Well Generation; Analog/Offset Evaluation; Completion Design Evaluation; Project Economics; Production Evaluation & Surveillance; Investment Reappraisal & Lookbacks

EOG Resources, Midland, TX

Petroleum Engineer I

Jan 2021 – May 2023

Multidisciplinary Petroleum Engineering Rotational Program - Delaware Basin

- **Reservoir:** Proposed locations for high-pace field development in the Delaware Basin in close collaboration with an area geologist; used RTA analysis and reservoir simulation software to make development decisions on spacing and aid in TC generation; ran economic analyses to identify projects that met and exceeded corporate metrics; identified & analyzed performance trends and artificial lift type to assist in field exploitation planning & completion designs; evaluated multiple OBO trade proposals.
- **Completions:** Completed field rotations on multiple service fleets (Evolution, FTSI, ProPetro); designed completions program for simul-frac on 4-well pad & conventional 3-well pad frac and supervised ops on both pads simultaneously to completion; analyzed historical completions/geological/geomechanics data to identify the most effective job treatment per target.
- **Production:** Completed field rotations as a lease operator, flowback, and workover consultant; designed workover procedures for tubing installations & GL valves; came up with a methodology to track offset drilling rig activity aiding in proactive well shut-ins and avoiding offset drilling mud & cement hits; evaluated hydrate inhibition strategies for gas lift application to strengthen winterization program.
- **Facilities:** Performed a field-wide simulation to identify compression turbine placement.
- **Drilling:** Completed field rotations as a drilling consultant; designed casing & cementing programs; worked as an intermediary between field personnel and software engineering team in Houston on designing EOG directional drilling software.
- **Water Resources:** Proposed procedure for identifying critical H2S susceptible areas in 1 MM bbl pit; designed mitigation strategies to reduce H2S levels and analyze economic impact of each strategy.

EOG Resources, Artesia, NM

Reservoir Engineering Intern - San Juan Basin

May 2020 – Aug 2020

- Evaluated company basin exploration strategies.
- Offset acreage PDP & PUD valuation, comparable market transactions analysis.
- DCA, type well (curve) building, reservoir modeling, data analysis.



- Parent-child relationship study, frac hit degradation analysis, well spacing sensitivities.
- Assisted with 5-year division budget planning.

Noble Energy/IHS Markit & Texas A&M, College Station, TX**Reservoir Engineering Project - Delaware Basin**

Aug 2019

- Analyzed 615 Bone Springs wells in New Mexico to identify key well performance drivers.
- Wrangled IHS data in Tableau to identify strong trends and build visualizations.
- Ran data analytics model (MVR) to validate performance trends and physics-based hypotheses.
- Identified and proposed a future field development strategy resulting in a significant uplift.

Encana, Woodlands, TX**Reservoir Engineering Intern - Rockies**

May 2019 – Aug 2019

- Conducted an OBO election analysis for the Williston Basin wells.
- Ran economics for the OBO projects in ARIES.
- Generated and provided an analytical overview of weekly asset flowback reports.
- Prepared materials for the Q2 review and presentations.
- Designed the analytics model (MVR) for the two fields in Williston Basin.
- Successfully learned data wrangling and data analytics tools: Spotfire, JMP, RStudio.

MRD Resources, Houston, TX**Petroleum Engineering Internship**

Sep 2017 – Mar 2019

- Reviewed and incorporated information from land, lease, financial, commercial, and regulatory to establish an accurate commercial analysis of competitor exploration and production activities.
- Well offset analysis following an efficient and safety compliant well design, drilling vertical wells in S. Louisiana (Austin Chalk) under \$450M/well.

Trinidad Drilling, Midland, TX**Rig Technician**

Sep 2016 – Sep 2017

- Performed scheduled and proactive maintenance on drilling equipment to ensure a high and safe level of operation in the Permian Basin per company and state regulations.

Patterson UTI, Victoria, TX**Floorhand**

May 2014 – Apr 2015

- Performed service and maintenance of a drilling rig and conducted pipe and tool inspections.

EDUCATION & CREDENTIALS

Bachelor of Science, Petroleum Engineering, Texas A&M University, College Station, TX Dec 2020**Cum GPA: 3.5****Petroleum Finance Certificate, Petroleum Ventures Program****Associate of Science, Lone Star College, Houston, TX**

Aug 2017

GPA: 3.97

PROFESSIONAL MEMBERSHIPS

Society of Petroleum Engineers

Aug 2017 – Current

American Association of Petroleum Geologists

Aug 2017 – Current

**STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
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COMPULSORY POOLING, AND, TO THE EXTENT
NECESSARY, APPROVAL OF AN OVERLAPPING
SPACING UNIT, EDDY COUNTY, NEW MEXICO**

CASE No. 25259

SELF-AFFIRMED DECLARATION OF DEANA M. BENNETT

Deana M. Bennett, attorney in fact and authorized representative of Cimarex Energy Co., the Applicant herein, declares as follows:

- 1) The above-referenced Application was provided under notice letter, dated March 19, 2025, and notice letter to additional parties dated April 8, 2025 attached hereto, labeled Exhibit D.1.
- 2) Exhibit D.2 is the mailing list, which show the notice letters were delivered to the USPS for mailing March 19, 2025, and notice letters to additional parties were delivered to the USPS for mailing April 8, 2025.
- 3) Exhibit D.3 is the certified mailing tracking information, which is automatically compiled by CertifiedPro, the software Modrall uses to track the mailings. This spreadsheet shows the names and addresses of the parties to whom notice was sent and the status of the mailing.
- 4) Exhibit D.4 is the Affidavit of Publication from the Carlsbad Current-Argus, confirming that notice of the April 29, 2025 hearing was published on March 25, 2025, and the

**Cimarex Energy Co.
No. 25259
Exhibit D**

Affidavit of Publication from the Carlsbad Current-Argus listing additional parties was published April 15, 2025.

5) I attest under penalty of perjury under the laws of the State of New Mexico that the information provided herein is correct and complete to the best of my knowledge and belief.

Dated: April 29, 2025

By: Deana M. Bennett
Deana M. Bennett



MODRALL SPERLING

L A W Y E R S

March 19, 2025

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

**Re: APPLICATION OF CIMAREX ENERGY CO. FOR APPROVAL
OF A NON-STANDARD UNIT, COMPULSORY POOLING,
AND, TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW
MEXICO**

CASE No. 25091

**APPLICATION OF CIMAREX ENERGY CO. FOR APPROVAL
OF A NON-STANDARD UNIT, COMPULSORY POOLING,
AND, TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW
MEXICO**

CASE No. 25259

TO: AFFECTED PARTIES

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed applications.

In Case No. 25091, Cimarex seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Wolfcamp horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in the Purple Sage Wolfcamp Gas Pool (Code 98220). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and

**Cimarex Energy Co.
No. 25259
Exhibit D.1**

Modrall Sperling
Roehl Harris & Sisk P.A.

500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

Page 2

proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

In Case No. 25259, Cimarex Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal

Page 3

spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

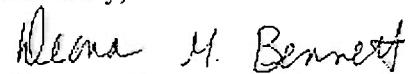
The hearing for these two cases is now set for April 29, 2025 beginning at 9:00 a.m. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

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Sincerely,

A handwritten signature in black ink that reads "Deana M. Bennett". The signature is written in a cursive style with a large, stylized "D" and "B".

Deana M. Bennett

Attorney for Applicant

Received by OCD: 12/10/2024 4:40:36 PM

Page 1 of 5

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25091

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Wolfcamp spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit. In support of this application, Cimarex states as follows:

1. Cimarex has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to form a 1280-acre, more or less, Wolfcamp horizontal spacing unit in the Purple Sage Wolfcamp Gas Pool (Code 98220).
3. Cimarex seeks approval of the 1280-acre non-standard spacing to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. Cimarex seeks to dedicate the unit to the following wells:

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- a. **Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
- b. **Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
- c. **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and
- d. **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.

5. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.

6. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739).

7. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Wolfcamp formation underlying the proposed unit, and approving, to the extent necessary, the overlapping spacing unit, will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. Approval of a non-standard spacing unit will allow Cimarex to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, Cimarex requests that this case is set for hearing before an Examiner of the Oil Conservation Division on January 9, 2025, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit within Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County;
- D. Designating Cimarex as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Cimarex to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
edebrine@modrall.com
deana.bennett@modrall.com
yarithza.pena@modrall.com
Attorneys for Applicant

CASE NO. 25091: Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Wolfcamp horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in the Purple Sage Wolfcamp Gas Pool (Code 98220). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Bone Spring spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit. In support of this application, Cimarex states as follows:

1. Cimarex has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to form a 1280-acre, more or less, Bone Spring horizontal spacing unit in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857).
3. Cimarex seeks approval of the 1280-acre non-standard spacing unit because approval of this application will allow Cimarex to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. Cimarex seeks to dedicate the unit to the following wells:

- a. **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
- b. **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
- c. **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and
- d. **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.

5. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.

6. This proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units, which are in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- a. A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- b. A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- c. A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- d. A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

7. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit, and approving, to the extent necessary, the overlapping spacing unit, will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. Approval of a non-standard spacing unit will allow Cimarex to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, Cimarex requests that this case is set for hearing before an Examiner of the Oil Conservation Division on April 10th, 2025, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Pooling all uncommitted mineral interests in the Bone Spring formation underlying a horizontal spacing unit within Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County;
- D. Designating Cimarex as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Cimarex to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800

cdebrine@modrall.com
deana.bennett@modrall.com
varithza.pena@modrall.com
Attorneys for Applicant

CASE NO. 25259 Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

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Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.



MODRALL SPERLING

L A W Y E R S

April 8, 2025

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Re: APPLICATION OF CIMAREX ENERGY CO. FOR APPROVAL
OF A NON-STANDARD UNIT, COMPULSORY POOLING,
AND, TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW
MEXICO

CASE No. 25091

APPLICATION OF CIMAREX ENERGY CO. FOR APPROVAL
OF A NON-STANDARD UNIT, COMPULSORY POOLING,
AND, TO THE EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT, EDDY COUNTY, NEW
MEXICO

CASE No. 25259

TO: AFFECTED PARTIES

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filed the enclosed applications.

In Case No. 25091, Cimarex seeks an order from the Division approving a non-
standard spacing unit and pooling all uncommitted interests within a 1280-acre,
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29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with
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Modrall Sperling
Roehi Harris & Sisk P.A.

500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

Page 2

proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

In Case No. 25259, Cimarex Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal

Page 3

spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

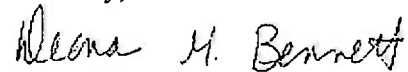
The hearing for these two cases is now set for April 29, 2025 beginning at 9:00 a.m. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the WebEx virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>.

As a party who may be affected by this application, we are notifying you of your right to appear at the hearing and participate in this case, including the right to present evidence either in support of or in opposition to the application. Failure to appear at the hearing may preclude you from any involvement in this case at a later date.

You are further notified that if you desire to appear in this case, then you are requested to file a Pre-Hearing Statement with the Division at least four business days in advance of a scheduled hearing before the Division or the Commission, but in no event later than 5:00 p.m. mountain time, on the Thursday preceding the scheduled hearing date, with a copy delivered to the undersigned.

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Sincerely,

A handwritten signature in black ink that reads "Deana M. Bennett". The signature is written in a cursive style with a large, stylized 'D' and 'B'.

Deana M. Bennett

Attorney for Applicant

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Page 1 of 5

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25091

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Wolfcamp spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit. In support of this application, Cimarex states as follows:

1. Cimarex has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to form a 1280-acre, more or less, Wolfcamp horizontal spacing unit in the Purple Sage Wolfcamp Gas Pool (Code 98220).
3. Cimarex seeks approval of the 1280-acre non-standard spacing to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. Cimarex seeks to dedicate the unit to the following wells:

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- a. **Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
- b. **Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
- c. **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and
- d. **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.

5. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.

6. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739).

7. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Wolfcamp formation underlying the proposed unit, and approving, to the extent necessary, the overlapping spacing unit, will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. Approval of a non-standard spacing unit will allow Cimarex to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, Cimarex requests that this case is set for hearing before an Examiner of the Oil Conservation Division on January 9, 2025, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit within Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County;
- D. Designating Cimarex as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Cimarex to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;

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Page 4 of 5

G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALI, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett

Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800
edebrine@modrall.com
deana.bennett@modrall.com
yarithza.pena@modrall.com
Attorneys for Applicant

CASE NO. 25091: Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Wolfcamp horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in the Purple Sage Wolfcamp Gas Pool (Code 98220). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H** wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR APPROVAL OF A NON-STANDARD UNIT,
COMPULSORY POOLING, AND, TO THE
EXTENT NECESSARY, APPROVAL OF AN
OVERLAPPING SPACING UNIT,
EDDY COUNTY, NEW MEXICO**

CASE NO. 25259

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby submits this application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order (1) approving a non-standard unit, (2) pooling all uncommitted mineral interests within a non-standard 1280-acre, more or less, Bone Spring spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, and (3) to the extent necessary, approval of an overlapping spacing unit. In support of this application, Cimarex states as follows:

1. Cimarex has an interest in the subject lands and has a right to drill and operate a well thereon.
2. Cimarex seeks to dedicate Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico to form a 1280-acre, more or less, Bone Spring horizontal spacing unit in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857).
3. Cimarex seeks approval of the 1280-acre non-standard spacing unit because approval of this application will allow Cimarex to efficiently locate surface facilities, reduce surface disturbance, consolidate roads, tanks, and pipelines, and promote effective well spacing.
4. Cimarex seeks to dedicate the unit to the following wells:

- a. **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28;
 - b. **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28;
 - c. **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and
 - d. **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28.
5. The wells will be horizontally drilled and will be drilled at orthodox locations under the Division's rules.
6. This proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units, which are in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- a. A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
- b. A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);
- c. A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- d. A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

7. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Bone Spring formation underlying the proposed spacing unit to participate in the drilling of the wells or to otherwise commit their interests to the wells.

8. The pooling of all interests in the Bone Spring formation underlying the proposed unit, and approving, to the extent necessary, the overlapping spacing unit, will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

9. Approval of a non-standard spacing unit will allow Cimarex to efficiently locate surface facilities for the recovery of oil and gas underlying the subject lands and reduce surface disturbance.

WHEREFORE, Cimarex requests that this case is set for hearing before an Examiner of the Oil Conservation Division on April 10th, 2025, and after notice and hearing as required by law, the Division enter its order:

- A. Approving the non-standard spacing unit;
- B. Approving, to the extent necessary, the proposed overlapping spacing unit;
- C. Pooling all uncommitted mineral interests in the Bone Spring formation underlying a horizontal spacing unit within Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County;
- D. Designating Cimarex as operator of this unit and the wells to be drilled thereon;
- E. Authorizing Cimarex to recover its costs of drilling, equipping and completing the wells;
- F. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- G. Setting a 200% charge for the risk involved in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

MODRALL, SPERLING, ROEHL, HARRIS
& SISK, P.A.

By: Deana M. Bennett
Earl E. DeBrine, Jr.
Deana M. Bennett
Yarithza Peña
Post Office Box 2168
500 Fourth Street NW, Suite 1000
Albuquerque, New Mexico 87103-2168
Telephone: 505.848.1800

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Page 5 of 6

edebrine@modrall.com
deana.bennett@modrall.com
varithza.pena@modrall.com
Attorneys for Applicant

CASE NO. 25259: Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: **Laguna Grande Fed Com 29-28 #1H** and the **Laguna Grande Fed Com 29-28 #2H** wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; **Laguna Grande Fed Com 29-28 #3H** and the **Laguna Grande Fed Com 29-28 #4H** wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; **Laguna Grande Fed Com 29-28 #5H** and the **Laguna Grande Fed Com 29-28 #6H** well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and **Laguna Grande Fed Com 29-28 #7H** and the **Laguna Grande Fed Com 29-28 #8H** wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

- A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);
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- A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and
- A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

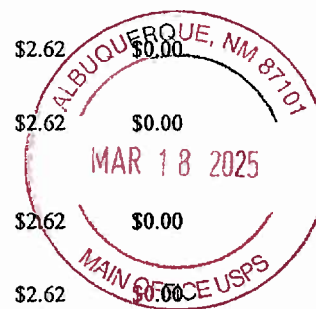
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
03/19/2025

Firm Mailing Book ID: 284829

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Dcl.Fee	Reference Contents
1	9314 8699 0430 0132 9385 10	James Moore and wife Karen Moore 5909 Doone Valley Court Austin TX 78731	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
2	9314 8699 0430 0132 9385 27	James Thomas Moore, as Trustee of the James Thomas Moore Child's Trust 1401 Ventura Ave Midland TX 79705	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
3	9314 8699 0430 0132 9385 34	Ann Moore Jensen, Trustee of the Ann Moore Jensen Chld's Trust 13721 Lindale Lane Santa Ana CA 92705	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
4	9314 8699 0430 0132 9385 41	Marilyn Moore Jackson, as trustee of the Marilyn Moore Jackson Child's Trust 5909 Doone Valley Court Austin TX 78731	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
5	9314 8699 0430 0132 9385 58	Chevron U.S.A., Inc. 1400 Smith Street Houston TX 77002	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
6	9314 8699 0430 0132 9385 65	MEC Petroleum Corp PO Box 11265 Midland TX 79702	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
7	9314 8699 0430 0132 9385 72	ConocoPhillips Company 600 West Illinois Ave. Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
8	9314 8699 0430 0132 9385 89	Marathon Oil Permian LLC 5555 San Felipe Street Houston TX 77056	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
9	9314 8699 0430 0132 9385 96	Prime Rock Resources Agentco, Inc. 203 W. Wall Street, Suite 1000 Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
10	9314 8699 0430 0132 9386 02	Occidental Permian Limited Partnership 5 Greenway Plaza, Suite 110 Houston TX 77046	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
11	9314 8699 0430 0132 9386 19	Murchison Oil & Gas, LLC Legacy Tower One 7250 Dalls Parkway, Suite 1400 Plano TX 75024	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
12	9314 8699 0430 0132 9386 26	Prime Rock Resources ORRI, Inc. 203 W. Wall St., Ste 1000 Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
13	9314 8699 0430 0132 9386 33	Privavera Resources, Inc. 7373 Broadway, Ste 507 San Antonio TX 78209	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
14	9314 8699 0430 0132 9386 40	SMP Patriot Mineral Holdings, LLC 4143 Mape Ave., Ste 500 Dallas TX 75219	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice



Cimarex Energy Co.
No. 25259
Exhibit D.2

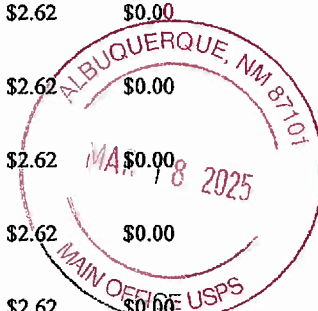
Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
03/19/2025

Firm Mailing Book ID: 284829

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
15	9314 8699 0430 0132 9386 57	Pegasus Resources NM, LLC PO Box 470698 Fort Worth TX 76147	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
16	9314 8699 0430 0132 9386 64	Charles R. Wiggins PO Box 10862 Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
17	9314 8699 0430 0132 9386 71	Zunis Energy, LLC 15 East 5th St., ste 3300 Tulsa OK 74103	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
18	9314 8699 0430 0132 9386 88	Santa Elena Minerals IV LP PO Box 470698 Fort Worth TX 76147	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
19	9314 8699 0430 0132 9386 95	Sitio Permian, LLC 1401 Lawrence St., Ste 1750 Denver CO 80202	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
20	9314 8699 0430 0132 9387 01	Pegasus Resources LLC PO Box 470698 Fort Worth TX 76147	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
21	9314 8699 0430 0132 9387 18	Penasco Petroleum, LLC PO Box 4168 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
22	9314 8699 0430 0132 9387 32	Rolla R. Hinkle, III PO Box 2292 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
23	9314 8699 0430 0132 9387 49	Cayle A. Schertz PO Box 2588 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
24	9314 8699 0430 0132 9387 56	Keenan C. Schertz PO Box 2588 Roswell NM 88202	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
25	9314 8699 0430 0132 9387 63	Maw-II, LLC 204 Snowcap Dr. Ruidoso NM 88345	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
26	9314 8699 0430 0132 9387 70	Woody W. Wall and Wife, Maria L. Wall PO Box 278 Alto NM 88312	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
27	9314 8699 0430 0132 9387 87	SMP Sidecar Titan Mineral Holdings LP 4143 Maple Ave., Ste 500 Dallas TX 75219	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
28	9314 8699 0430 0132 9387 94	Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trust 15 East 5th St., Ste 3300 Tulsa OK 74103	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
29	9314 8699 0430 0132 9388 00	Pauline Hedrick 139 Abell-Hangar Circle Midland TX 79707	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice



Karlene Schuman
Modrall Sperling Roehl Harris & Sisk P.A.
500 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
03/19/2025

Firm Mailing Book ID: 284829

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
30	9314 8699 0430 0132 9388 17	SMP Titan Mineral Holdings, LP 4143 Maple Ave., Ste 500 Dallas TX 75219	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
31	9314 8699 0430 0132 9388 24	Enduro Operating LLC 777 Main Street, Suite 800 Fort Worth TX 76102	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
32	9314 8699 0430 0132 9388 31	Nortex Corporation 3009 Post Oak Blvd, Ste 1212 Houston TX 77056	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
33	9314 8699 0430 0132 9388 48	XTO Holdings LLC 22777 Springwoods Village Parkway Spring TX 77389	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
34	9314 8699 0430 0132 9388 55	MSH Family Real Estate Partnership II, LLC 4143 Maple Ave., Ste 500 Dallas TX 75219	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
35	9314 8699 0430 0132 9388 62	SMP Titan Flex, LP 4143 Maple Ave., Ste. 500 Dallas TX 75219	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
36	9314 8699 0430 0132 9388 79	MRC Permian Company 5400 Lyndon B. Johnson Fwy, Suite 1500 Dallas TX 75240	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
37	9314 8699 0430 0132 9388 86	United States of America Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
Totals:			\$75.48	\$179.45	\$96.94	\$0.00	
			Grand Total: \$351.87				

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:
Name of receiving employee

Dated:

37

Karlenc Schuman
 Modrall Sperling Roehl Harris & Sisk P.A.
 500 Fourth Street, Suite 1000
 Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 04/08/2025

Firm Mailing Book ID: 286199

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0133 6935 93	Devon Energy 333 West Sheridan Ave. Oklahoma City OK 73102	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
2	9314 8699 0430 0133 6936 09	Kaiser-Francis Oil Company P.O. Box 21468 Tulsa OK 74121	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
3	9314 8699 0430 0133 6936 16	Kaiser-Francis Oil Company 6733 S. Yale Ave. Houston TX Tulsa OK 74136	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
4	9314 8699 0430 0133 6936 23	BTA Oil Producers 104 South Pecos Midland TX 79701	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
5	9314 8699 0430 0133 6936 30	Raybaw Operating, LLC 2626 Cole Avenue, Suite 300 Dallas TX 75204	\$2.04	\$4.85	\$2.62	\$0.00	11522.0009. Notice
Totals:			\$10.20	\$24.25	\$15.10	\$0.00	
			Grand Totals:				\$47.55

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:
Name of receiving employee

Dated:

5



Transaction Report Details - CertifiedPro.net
Firm Mail Book ID: 284829
Generated: 4/25/2025 9:51:28 AM

USPS Article Number	Date Created	Reference Number	Name 1	Name 2	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
9314869904300132938886	2025-03-19 1:30 PM	11522.0009.	United States of America	Bureau of Land Management	Santa Fe	NM	87508	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-21 11:39 AM
9314869904300132938879	2025-03-19 1:30 PM	11522.0009.	MRC Permian Company		Dallas	TX	75240	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300132938862	2025-03-19 1:30 PM	11522.0009.	SMP Titan Hex, LP		Dallas	TX	75219	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 11:21 AM
9314869904300132938855	2025-03-19 1:30 PM	11522.0009.	MSH Family Real Estate Partnership II, LLC		Dallas	TX	75219	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 11:21 AM
9314869904300132938848	2025-03-19 1:30 PM	11522.0009.	KTD Holdings LLC		Spring	TX	77389	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 10:04 AM
9314869904300132938831	2025-03-19 1:30 PM	11522.0009.	Vortex Corporation		Houston	TX	77056	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 12:33 PM
9314869904300132938824	2025-03-19 1:30 PM	11522.0009.	Enduro Operating LLC		Fort Worth	TX	76102	Returned to Sender	Return Receipt - Electronic, Certified Mail	2025-04-05 1:19 PM
9314869904300132938817	2025-03-19 1:30 PM	11522.0009.	SMP Titan Mineral Holdings, LP		Dallas	TX	75219	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 11:21 AM
9314869904300132938800	2025-03-19 1:30 PM	11522.0009.	Pauline Hedrick		Midland	TX	79707	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-03 12:10 PM
9314869904300132938794	2025-03-19 1:30 PM	11522.0009.	Susannah D. Adelson, Trustee of the	James Adelson & Family 2015 Trust	Tulsa	OK	74103	Returned to Sender	Return Receipt - Electronic, Certified Mail	2025-03-24 12:49 PM
9314869904300132938787	2025-03-19 1:30 PM	11522.0009.	SMP Sidecar Titan Mineral Holdings LP		Dallas	TX	75219	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 11:21 AM
9314869904300132938770	2025-03-19 1:30 PM	11522.0009.	Woody W. Wall and Wife, Maria L. Wall		Aliso	NM	88312	Undelivered	Return Receipt - Electronic, Certified Mail	2025-03-27 11:16 AM
9314869904300132938763	2025-03-19 1:30 PM	11522.0009.	Maw-H, LLC		Ruidoso	NM	88345	Undelivered - To Be Returned	Return Receipt - Electronic, Certified Mail	
9314869904300132938756	2025-03-19 1:30 PM	11522.0009.	Keenan C. Schertz		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 12:34 PM
9314869904300132938749	2025-03-19 1:30 PM	11522.0009.	Cayle A. Schertz		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 12:34 PM
9314869904300132938732	2025-03-19 1:30 PM	11522.0009.	Rolla R. Hinkle, III		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 10:16 AM
9314869904300132938718	2025-03-19 1:30 PM	11522.0009.	Pemaco Petroleum, LLC		Roswell	NM	88202	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 9:14 AM
9314869904300132938701	2025-03-19 1:30 PM	11522.0009.	Pegasus Resources LLC		Fort Worth	TX	76147	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300132938695	2025-03-19 1:30 PM	11522.0009.	Sitio Permian, LLC		Denver	CO	80202	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 9:02 AM
9314869904300132938688	2025-03-19 1:30 PM	11522.0009.	Santa Elena Minerals IV LP		Fort Worth	TX	76147	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 10:29 AM
9314869904300132938671	2025-03-19 1:30 PM	11522.0009.	Zunis Energy, LLC		Tulsa	OK	74103	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 12:49 PM
9314869904300132938664	2025-03-19 1:30 PM	11522.0009.	Charles R. Wiggins		Midland	TX	79701	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300132938657	2025-03-19 1:30 PM	11522.0009.	Pegasus Resources NM, LLC		Fort Worth	TX	76147	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 10:29 AM
9314869904300132938640	2025-03-19 1:30 PM	11522.0009.	SMP Patriot Mineral Holdings, LLC		Dallas	TX	75219	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 11:21 AM
9314869904300132938633	2025-03-19 1:30 PM	11522.0009.	Privavera Resources, Inc.		San Antonio	TX	78209	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 11:31 AM
9314869904300132938626	2025-03-19 1:30 PM	11522.0009.	Prime Rock Resources ORRI, Inc.		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 2:42 PM
9314869904300132938619	2025-03-19 1:30 PM	11522.0009.	Murchison Oil & Gas, LLC	Legacy Tower One	Plano	TX	75024	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-25 12:49 PM
9314869904300132938602	2025-03-19 1:30 PM	11522.0009.	Occidental Permian Limited Partnership		Houston	TX	77046	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300132938596	2025-03-19 1:30 PM	11522.0009.	Prime Rock Resources Agentco, Inc.		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 2:42 PM
9314869904300132938589	2025-03-19 1:30 PM	11522.0009.	Marathon Oil Permian LLC		Houston	TX	77056	Returned to Sender	Return Receipt - Electronic, Certified Mail	2025-04-05 1:19 PM
9314869904300132938572	2025-03-19 1:30 PM	11522.0009.	LonocoPhillips Company		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-24 7:59 AM
9314869904300132938565	2025-03-19 1:30 PM	11522.0009.	MCC Petroleum Corp		Midland	TX	79702	Lost	Return Receipt - Electronic, Certified Mail	
9314869904300132938558	2025-03-19 1:30 PM	11522.0009.	Chewon U.S.A., Inc.		Houston	TX	77002	Delivered	Return Receipt - Electronic, Certified Mail	
9314869904300132938541	2025-03-19 1:30 PM	11522.0009.	Marilyn Moore Jackson, as trustee of the	Marilyn Moore Jackson Child's Trust	Austin	TX	78731	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 11:11 AM
9314869904300132938534	2025-03-19 1:30 PM	11522.0009.	Ann Moore Jensen, Trustee of the	Ann Moore Jensen Child's Trust	Santa Ana	CA	92705	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-21 3:01 PM
9314869904300132938527	2025-03-19 1:30 PM	11522.0009.	James Thomas Moore, as Trustee of the	James Thomas Moore Child's Trust	Midland	TX	79705	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 10:09 AM
9314869904300132938510	2025-03-19 1:30 PM	11522.0009.	James Moore and wife Karen Moore		Austin	TX	78731	Delivered	Return Receipt - Electronic, Certified Mail	2025-03-22 11:11 AM

Cimarex Energy Co.
No. 25259
Exhibit D.3

Transaction Report Details - CertifiedPro.net
Firm Mail Book ID= 286199
Generated: 4/25/2025 10:03:02 AM

USPS Article Number	Date Created	Reference Number	Name 1	City	State	Zip	Mailing Status	Service Options	Mail Delivery Date
9314869904300133693630	2025-04-08 1:31 PM	11522.0009	Raybaw Operating, LLC	Dallas	TX	75204	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-14 2:48 PM
9314869904300133693623	2025-04-08 1:31 PM	11522.0009	BTA Oil Producers	Midland	TX	79701	Undelivered	Return Receipt - Electronic, Certified Mail	
9314869904300133693616	2025-04-08 1:31 PM	11522.0009	Kaiser-Francis Oil Company	Tulsa	OK	74136	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-14 11:18 AM
9314869904300133693609	2025-04-08 1:31 PM	11522.0009	Kaiser-Francis Oil Company	Tulsa	OK	74121	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-14 5:50 AM
9314869904300133693593	2025-04-08 1:31 PM	11522.0009	Devon Energy	Oklahoma	OK	73102	Delivered	Return Receipt - Electronic, Certified Mail	2025-04-11 7:46 AM

AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS
PO BOX 507
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO } SS
COUNTY OF EDDY }

Account Number: 80
Ad Number: 39900
Description: Laguna Grande 25091 25259
Ad Cost: \$351.72

Sherry Groves, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

March 25, 2025

That said newspaper was regularly issued and circulated on those dates.

SIGNED:

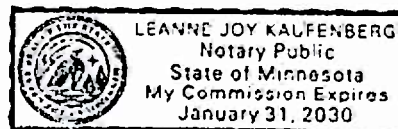
Sherry Groves

Agent

Subscribed to and sworn to me this 25th day of March 2025.

Leanne Kaufenberg

Leanne Kaufenberg, Notary Public, Redwood County
Minnesota



Modrall Sperling
Pobox 2168
Albuquerque, NM 87103

Cimarex Energy Co.
No. 25259
Exhibit D.4

CASE NO. 25091: Notice to all affected parties, as well as heirs and devisees of: James Moore and wife Karen Moore; James Thomas Moore, as Trustee of the James Thomas Moore Children's Trust; Ann Moore Jensen, Trustee of the Ann Moore Jensen Children's Trust; Marilyn Moore Jackson, as Trustee of the Marilyn Moore Jackson Child's Trust; Chevron U.S.A., Inc.; MEC Petroleum Corp; ConocoPhillips Company; Marathon Oil Permian LLC; Prime Rock Resources Agenteo, Inc.; Prime Rock Resources ORRI, Inc.; Occidental Permian Limited Partnership; Murchison Oil & Gas, LLC; Privavera Resources, Inc.; SMP Patriot Mineral Holdings, LLC; Pegasus Resources NM, LLC; Charles R. Wiggins; Zunis Energy, LLC; Santa Elena Minerals IV LP; Sittio Permian, LLC; Pegasus Resources LLC; Penasco Petroleum, LLC; Rolla R. Hinkle, III; Cayle A. Schertz; Keenan C. Schertz; Maw-H, LLC; Woody W. Wall and wife Maria L. Wall; SMP Sidecar Titan Mineral Holdings LP; Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trust; Pauline Hedrick; SMP Titan Mineral Holdings, LP; Enduro Operating LLC; Nortex Corporation; XTO Holdings LLC; MSH Family Real Estate Partnership II, LLC; SMP Titan Flex, LP; MRC Permian Company; United States of America Bureau of Land Management of the Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 9:00 a.m. on April 29, 2025 to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Wolfcamp horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in the Purple Sage Wolfcamp Gas Pool (Code 98220). This spacing unit will be dedicated to the following wells: Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

CASE NO. 25259: Notice to all affected parties, as well as heirs and devisees of: James Moore and wife Karen Moore; James Thomas Moore, as Trustee of the James Thomas Moore Children's Trust; Ann Moore Jensen, Trustee of the Ann Moore Jensen Children's Trust; Marilyn Moore Jackson, as Trustee of the Marilyn Moore Jackson Child's Trust; Chevron U.S.A., Inc.; MEC Petroleum Corp; ConocoPhillips Company; Marathon Oil Permian LLC; Prime Rock Resources Agenteo, Inc.; Prime Rock Resources ORRI, Inc.; Occidental Permian Limited Partnership; Murchison Oil & Gas, LLC; Privavera Resources, Inc.; SMP Patriot Mineral Holdings, LLC; Pegasus Resources NM, LLC; Charles R. Wiggins; Zunis Energy, LLC; Santa Elena Minerals IV LP; Sittio Permian, LLC; Pegasus Resources LLC; Penasco Petroleum, LLC; Rolla R. Hinkle, III; Cayle A. Schertz; Keenan C. Schertz; Maw-H, LLC; Woody W. Wall and wife Maria L. Wall; SMP Sidecar Titan Mineral Holdings LP; Susannah D. Adelson, Trustee of the James Adelson & Family 2015 Trust; Pauline Hedrick; SMP Titan Mineral Holdings, LP; Enduro Operating LLC; Nortex Corporation; XTO Holdings LLC; MSH Family Real Estate Partnership II, LLC; SMP Titan Flex, LP; MRC Permian Company; United States of America Bureau of Land Management of the Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 9:00 a.m. on April 29, 2025 to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: Laguna Grande Fed Com 29-28 #1H and the Laguna Grande Fed Com 29-28 #2H wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; Laguna Grande Fed Com 29-28 #3H and the Laguna Grande Fed Com 29-28 #4H wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; Laguna Grande Fed Com 29-28 #5H and the Laguna Grande Fed Com 29-28 #6H well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and Laguna Grande Fed Com 29-28 #7H and the Laguna Grande Fed Com 29-28 #8H wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to

OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);

A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);

A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and

A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

Published in the Carlsbad Current-Argus March 25, 2025.
#39900

AFFIDAVIT OF PUBLICATION

CARLSBAD CURRENT-ARGUS
PO BOX 507
HUTCHINSON, KS 67504-0507

STATE OF NEW MEXICO } SS
COUNTY OF EDDY }

Account Number: 80
Ad Number: 43510
Description: Laguna Grande 25091 & 25259
Ad Cost: \$268.06

Sherry Groves, being first duly sworn, says:

That she is the Agent of the the Carlsbad Current-Argus, a Weekly newspaper of general circulation, printed and published in Carlsbad, Eddy County, New Mexico; that the publication, a copy of which is attached hereto, was published in said newspaper on the following dates:

April 15, 2025

That said newspaper was regularly issued and circulated on those dates.

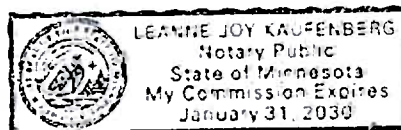
SIGNED:

Sherry Groves
Agent

Subscribed to and sworn to me this 22th day of April 2025.

Leanne Kaufenberg
Leanne Kaufenberg, Notary Public, Redwood County
Minnesota

Modrall Sperling
Pobox 2168
Albuquerque, NM 87103



CASE NO. 25091: Notice to all affected parties, as well as heirs and devisees of: Devon Energy; Kaiser-Francis Oil Company; BTA Oil Producers; Raybaw Operating, LLC of the Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 9:00 a.m. on April 29, 2025 to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Wolfcamp horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico, in the Purple Sage Wolfcamp Gas Pool (Code 98220). This spacing unit will be dedicated to the following wells: Laguna Grande Fed Com 29-28 #9H and the Laguna Grande Fed Com 29-28 #10H wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; Laguna Grande Fed Com 29-28 #11H and the Laguna Grande Fed Com 29-28 #12H wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; Laguna Grande Fed Com 29-28 #13H and the Laguna Grande Fed Com 29-28 #14H wells with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and Laguna Grande Fed Com 29-28 #15H and the Laguna Grande Fed Com 29-28 #16H wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with a 320-acre Wolfcamp spacing unit comprised of the E/2 of Section 29, dedicated to Cimarex Energy Co. of Colorado's Laguna Grande Unit 7H well (API 30-015-42739). Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

CASE NO. 25259: Notice to all affected parties, as well as heirs and devisees of: Devon Energy; Kaiser-Francis Oil Company; BTA Oil Producers; Raybaw Operating, LLC of the Application of Cimarex Energy Co. for approval of a non-standard spacing unit, compulsory pooling, and, to the extent necessary, approval of an overlapping spacing unit Eddy County, New Mexico. The State of New Mexico through its Oil Conservation Division hereby gives notice that the Division will conduct a public hearing at 9:00 a.m. on April 29, 2025 to consider this application. The hearing will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via a virtual meeting platform. To participate in the electronic hearing, see the instructions posted on the docket for the hearing date: <https://www.emnrd.nm.gov/ocd/hearing-info/>. Applicant seeks an order from the Division approving a non-standard spacing unit and pooling all uncommitted interests within a 1280-acre, more or less, Bone Spring horizontal spacing unit comprised of Sections 28 and 29, Township 23 South, Range 29 East, NMPM, Eddy County, New Mexico in the Laguna Salado; Bone Spring Pool (Code 96721) and/or the Laguna Salado; Bone Spring, South Pool (Code 96857). This spacing unit will be dedicated to the following wells: Laguna Grande Fed Com 29-28 #1H and the Laguna Grande Fed Com 29-28 #2H wells with proposed first take points in the NW/4 NW/4 (Unit D) of Section 29 and proposed bottom hole locations in the NE/4 NE/4 (Unit A) of Section 28; Laguna Grande Fed Com 29-28 #3H and the Laguna Grande Fed Com 29-28 #4H wells with proposed first take points in the SW/4 NW/4 (Unit E) of Section 29 and proposed bottom hole locations in the SE/4 NE/4 (Unit H) of Section 28; Laguna Grande Fed Com 29-28 #5H and the Laguna Grande Fed Com 29-28 #6H well with proposed first take points in the NW/4 SW/4 (Unit L) of Section 29 and proposed bottom hole locations in the NE/4 SE/4 (Unit I) of Section 28; and Laguna Grande Fed Com 29-28 #7H and the Laguna Grande Fed Com 29-28 #8H wells with proposed first take points in the SW/4 SW/4 (Unit M) of Section 29 and proposed bottom hole locations in the SE/4 SE/4 (Unit P) of Section 28. The wells will be drilled at orthodox locations. Applicant also seeks, to the extent necessary, approval of an overlapping spacing unit. The proposed horizontal spacing unit will partially overlap with the following existing Bone Spring spacing units in the Laguna Salado; Bone Spring, South Pool (Code 96857):

A 120-acre spacing unit comprised of the N/2NW/4 and the NW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #3H well (API 30-015-38287);

A 120-acre spacing unit comprised of the S/2NW/4 and the SW/4NE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #4H well (API 30-015-39330);

A 120-acre spacing unit comprised of the N/2SW/4 and the NW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #2H well (API 30-015-37331); and

A 120-acre spacing unit comprised of the S/2SW/4 and the SW/4SE/4 of Section 28, dedicated to OXY USA, Inc.'s Cypress 28 Federal #1H well (API 30-015-37249).

Also to be considered will be the cost of drilling, completing, and equipping said wells, the allocation of these costs as well as the actual operating costs and charges for supervision while drilling and after completion, designation of Cimarex Energy Co. as operator of the wells, and a 200% charge for risk involved in drilling said wells. Said area is located approximately 5 miles southeast of Loving, New Mexico.

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