

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan-Grisham
Governor

Melanie A. Kenderdine
Cabinet Secretary

Ben Shelton
Deputy Secretary

Erin Taylor
Deputy Secretary

Albert Chang
Division Director
Oil Conservation Division



Deana M. Bennett
deana.bennett@modrall.com

Administrative Order NSP – 2292

ADMINISTRATIVE NON-STANDARD HORIZONTAL SPACING UNIT

Coterra Energy Operating Co. [OGRID 215099]
Coriander 1 12 Federal Com Well No. 121H – 123H
Coriander 1 12 Federal Com Well No. 151H – 153H
Coriander 1 12 Federal Com Well No. 211H – 212H
Coriander 1 12 Federal Com Well No. 221H – 223H
Coriander 1 12 Federal Com Well No. 301H – 302H
Coriander 1 12 Federal Com Well No. 06H [30-025-51608]
Coriander 1 12 Federal Com Well No. 12H [30-025-51308]
Coriander 1 12 Federal Com Well No. 25H [30-025-51104]
(16 Coriander 1 12 Federal Com Wells)

ENTIRE HSU: SEC 1 and SEC 12, T23S, R32E, Lea County, N.M.

Reference is made to your application received on May 12th, 2025.

As submitted, the Horizontal Spacing Unit (HSU) proposed encompasses two pools: (1) Red Tank; Bone Spring (No. 51683) and (2) Diamondtail; Bone Spring (No. 17644). The entire dedicated acreage for this HSU will be 959.25 acres. This NSP pertains to the Red Tank; Bone Spring Pool (**51683**), only.

NSP - 2292
 Coterra Energy Operating Co.
 Page 2 of 2

The requested approval of a non-standard horizontal spacing unit is as follows:

NSP Horizontal Spacing Unit:

Description	Acres	Pool	Pool Code
NW/4, W/2 NE/4 Section 01	239.25	Red Tank; Bone Spring	51683

Entire Proposed Horizontal Spacing Unit

Description	Acres	Pool	Pool Code
NW/4, W/2 NE/4 Section 01	239.25	Red Tank; Bone Spring	51683
SW/4, W/2 SE/4 Section 01	720	Diamondtail; Bone Spring	17644
W/2, W/2 E/2 Section 12			

Total Horizontal Spacing Unit areage

$$A = 959.25 \text{ acres}$$

You have requested an exception pursuant to Rule 19.15.16.15(A)(3) NMAC, to approve a non-standard horizontal spacing unit consisting of the entire area described above as the horizontal spacing unit. The proposed horizontal spacing unit does not consist of a quarter - quarter section or equivalent in sections, as required by Rule 19.15.16.15(B)(1) NMAC.

We understand that you are seeking this exception for an allowance to create a non-standard horizontal spacing unit, comprised of the Proposed Horizontal Spacing Unit referenced above within Lea County, New Mexico.

The Division understands you have given notice of this application to all operators or owners who are "affected persons," as defined in Paragraph (8) Subsection A of 19.15.2.7 NMAC, in all adjoining units which are to be being included.

You have requested this non-standard horizontal spacing unit to allow for efficient development of acreage, to minimize surface disturbance, to fulfil a communitization agreement, and to promote effective well spacing. All while protecting the correlative rights within the **Red Tank; Bone Spring, (51683)** formation and thereby, preventing waste underlying the NW/4, W/2 NE/4 of Section 01, (51683) and in the SW/4, W/2 SE/4 of Section 01, W/2, and W/2 E/2 Section 12 (17644) of the entire referenced Horizontal Spacing Unit.

Pursuant to the authority conferred by Division Rule 19.15.16.15(B)(5) NMAC, the above-described **non-standard horizontal spacing unit is hereby approved**. Further, the Applicant may add additional wells to the non-standard spacing unit, the well(s) must be in the same horizontal spacing unit and pool/formation. The new well's APD shall reference this NSP order number on Form C-102 with an adjacent letter stating this request.

NSP - 2292
Coterra Energy Operating Co.
Page 3 of 2

General Provisions

The above approvals are subject to your being in compliance with all other applicable Division rules, including, but not limited to Division Rule 19.15.5.9 NMAC.

Jurisdiction of this case is retained for the entry of such further orders as the Division may deem necessary.



Albert Chang
Division Director
AC/lrl

Date: 7/25/2025

ID NO. 461195

NSP - 2292

Revised March 23, 2017

RECEIVED: 05/12/25	REVIEWER:	TYPE:	APP NO:
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ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

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



ADMINISTRATIVE APPLICATION CHECKLIST

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

Applicant: Coterra Energy Operating Co. **OGRID Number:** 215099
Well Name: Coriander 1-12 Fed Com **API:** Various
Pool: RED TANK; BONE SPRING **Pool Code:** 51683

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

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

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

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

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

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

Deana M. Bennett

Print or Type Name

Signature

05/12/2025 (revising 04/25/2025 submission)
 Date

505-848-1834
 Phone Number

deana.bennett@modrall.com
 e-mail Address

Coterra
Coriander Wells
NSP Application
Red Tank Pool



MODRALL SPERLING

L A W Y E R S

VIA ELECTRONIC FILING

May 12, 2025 (revising April 25, 2025 letter)

Deana M. Bennett
505.848.1834
Deana.bennett@modrall.com

Acting Director Gerasimos Razatos
And
OCD Engineering Bureau
Oil Conservation Division
New Mexico Department of Energy,
Minerals and Natural Resources
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Coterra Energy Operating Co. for administrative approval of a nonstandard spacing unit in the Bone Spring formation comprised of L2, L3, L4, S2/NW, SW/NE of Section 1, Township 23 South, Range 32 East, Lea County, New Mexico.

Dear Acting Director Razatos /OCD Engineering Bureau:

Coterra Energy Operating Co. ("Coterra"), OGRID number 215099, respectfully requests administrative approval of a non-standard unit ("NSU") in the Bone Spring formation which, in total, is comprised of L2, L3, L4, S2/NW, SW/NE, SW, W2/SE of Section 1, and W3/4 of Section 12, Township 23 South, Range 32 East, Lea County, New Mexico.

There are two pools underlying the proposed non-standard spacing unit, which are the Red Tank; Bone Spring pool (Code 51683) and the Diamondtail; Bone Spring pool (Code 17644), both of which follows the statewide spacing rules.

Although the entire NSU will encompass 959.25 acres, more or less, this application covers only the acreage with the **Red Tank; Bone Spring pool** (Code 51683), which encompasses 239.25 acres and is comprised of L2, L3, L4, S2/NW, SW/NE of Section 1.¹

¹ Coterra is submitting a separate application for the Diamondtail; Bone Spring pool, which will have the C-102s relevant to that pool attached. Thus, between both

Modrall Spierling
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

The new wells proposed to be dedicated to this NSU (the “Wells”) are:

<u>Well Name</u>	<u>API Number</u>
Coriander 1 12 Federal Com 121H	TBD
Coriander 1 12 Federal Com 122H	TBD
Coriander 1 12 Federal Com 123H	TBD
Coriander 1 12 Federal Com 151H	TBD
Coriander 1 12 Federal Com 152H	TBD
Coriander 1 12 Federal Com 153H	TBD
Coriander 1 12 Federal Com 211H	TBD
Coriander 1 12 Federal Com 212H	TBD
Coriander 1 12 Federal Com 221H	TBD
Coriander 1 12 Federal Com 222H	TBD
Coriander 1 12 Federal Com 223H	TBD
Coriander 1 12 Federal Com 301H	TBD
Coriander 1 12 Federal Com 302H	TBD

Coterra also requests that the following existing wells² be included in the NSU approved order:

<u>Well Name</u>	<u>API Number</u>
Coriander 1 12 Federal Com 6H	30-025-51608
Coriander 1 12 Federal Com 12H	30-025-51308
Coriander 1 12 Federal Com 25H	30-025-51104

C-102s for all of the Wells (new and existing) are attached hereto as **Exhibit A**. In this application, Coterra is submitting only the C-102 for the Red Tank pool. The dedicated acreage shown on the C-102s reflects the acreage for the pool at issue in the respective C-102—the combined acreage between the two pools is 959.25 acres. Each Well will comply with the statewide setback requirements for the non-standard spacing unit.

Coterra is requesting this NSU for several reasons. First, approval of the NSU will allow for full and efficient development of this acreage and will minimize surface disturbance by allowing Coterra to consolidate facilities and commingle production from wells in the proposed NSU. Second, Coterra is requesting approval of this NSU to match an approved Communitization Agreement. Third, Coterra is requesting approval of this NSU to promote effective well spacing by removing the setback requirements from the center line and the quarter-quarter lines to allow for more efficient spacing. In addition, the non-standard spacing unit has been agreed to by all working interest owners and is reflected in the Joint Operating Agreement for this unit.

A tract map is attached hereto as **Exhibit B**, which identifies the approximate Well locations. Also included in Exhibit B is a list of the Wells to be initially dedicated to this NSU.

applications, Coterra will have submitted, and the Division will have received, C-102s that cover the entire 959.25 acre NSU.

² Each of the existing wells is each currently dedicated to a 320-acre horizontal spacing unit. Coterra’s goal is to combine the three approximately 320-acre horizontal spacing units into a single approximately 960-acre, more or less, spacing unit.

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Exhibit C is a letter from reservoir engineer explaining the need for a non-standard unit and the benefits associated with a non-standard, as opposed to a standard, unit. Exhibit C includes attachments that compare and contrast the standard versus non-standard unit scenario.

Coterra previously provided notice to all affected parties in the tracts that adjoin the proposed non-standard spacing unit and to the State Land Office and the Bureau of Land Management, on April 25, 2025. Proof of mailing notice of the application (including a copy of the application) to affected persons entitled to notice is attached hereto as **Exhibit D**. Also included in Exhibit D is a map identifying the affected tracts and ownership for notice purposes.

Your attention to this matter is appreciated.

Sincerely,

A handwritten signature in blue ink, appearing to read "Deana M. Bennett", is written over a horizontal line.

Deana M. Bennett

*Attorney for Coterra Energy
Operating Co.*

C-102s

Exhibit A

Red Tank Pool C-102s New Wells

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: <table border="1" style="display: inline-table; border-collapse: collapse;"> <tr> <td><input type="checkbox"/> Initial Submittal</td> </tr> <tr> <td><input checked="" type="checkbox"/> Amended Report</td> </tr> <tr> <td><input type="checkbox"/> As Drilled</td> </tr> </table>	<input type="checkbox"/> Initial Submittal	<input checked="" type="checkbox"/> Amended Report	<input type="checkbox"/> As Drilled
<input type="checkbox"/> Initial Submittal					
<input checked="" type="checkbox"/> Amended Report					
<input type="checkbox"/> As Drilled					

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 121H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,734.8'
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
4	1	23S	32E		250 NORTH	833 WEST	32.340322°	-103.634182°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

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

4/24/2025

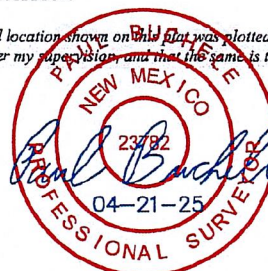
Signature _____ Date _____

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 August 3, 2021

Certificate Number Date of Survey

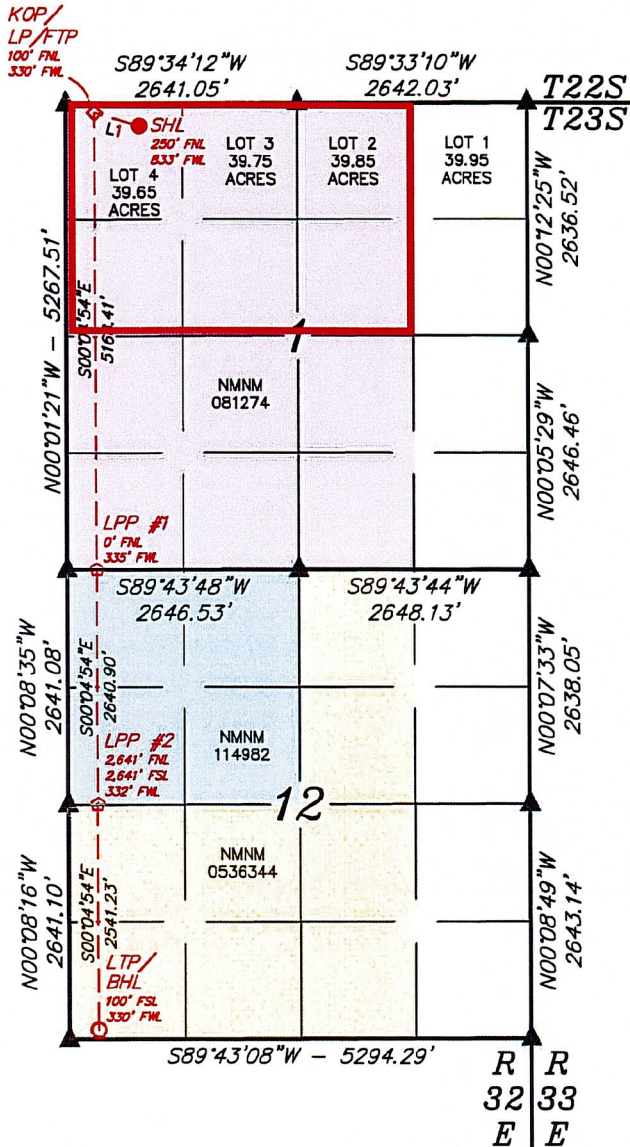
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name CORIANDER 1-12 FED COM	Well Number 121H	Drawn By N.R. 11-27-24	Revised By REV. 1 H.S.S. 04-21-25 (UPDATE OPERATOR)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

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.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N73°47'49"W	523.99'

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'25.16" (32.340322°)
LONGITUDE = -103°38'03.05" (-103.634182°)

NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.71" (32.340198°)
LONGITUDE = -103°38'01.31" (-103.633697°)

STATE PLANE NAD 83 (N.M. EAST)
N: 488245.79' E: 757264.10'
STATE PLANE NAD 27 (N.M. EAST)
N: 488185.79' E: 716081.15'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.62" (32.340727°)
LONGITUDE = -103°38'08.91" (-103.635810°)

NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.17" (32.340603°)
LONGITUDE = -103°38'07.17" (-103.635325°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488389.87' E: 756760.41'
STATE PLANE NAD 27 (N.M. EAST)
N: 488329.86' E: 715577.46'

NAD 83 (LPP #1)
LATITUDE = 32°19'35.48" (32.326523°)
LONGITUDE = -103°38'08.97" (-103.635824°)

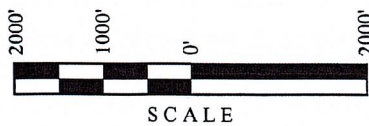
NAD 27 (LPP #1)
LATITUDE = 32°19'35.04" (32.326399°)
LONGITUDE = -103°38'07.23" (-103.635340°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483222.45' E: 756789.47'
STATE PLANE NAD 27 (N.M. EAST)
N: 483162.58' E: 715606.39'

NAD 83 (LPP #2)
LATITUDE = 32°19'09.35" (32.319265°)
LONGITUDE = -103°38'09.00" (-103.635832°)

NAD 27 (LPP #2)
LATITUDE = 32°19'08.91" (32.319142°)
LONGITUDE = -103°38'07.25" (-103.635348°)
STATE PLANE NAD 83 (N.M. EAST)
N: 480582.06' E: 756804.31'
STATE PLANE NAD 27 (N.M. EAST)
N: 480522.27' E: 715621.17'

NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.21" (32.312281°)
LONGITUDE = -103°38'09.02" (-103.635839°)

NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.77" (32.312158°)
LONGITUDE = -103°38'07.28" (-103.635356°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478041.31' E: 756818.60'
STATE PLANE NAD 27 (N.M. EAST)
N: 477981.60' E: 715635.39'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 122H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,734.7'
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
4	1	23S	32E		250 NORTH	853 WEST	32.340322°	-103.634117°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	1,306 WEST	32.312288°	-103.632681°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	1,306 WEST	32.340741°	-103.632650°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	1,306 WEST	32.340741°	-103.632650°	LEA

Last Take Point (LTP)

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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.

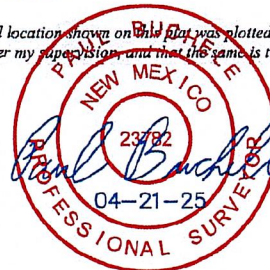
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or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

Shelly Bowen
4/24/2025

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	August 3, 2021
Certificate Number	Date of Survey

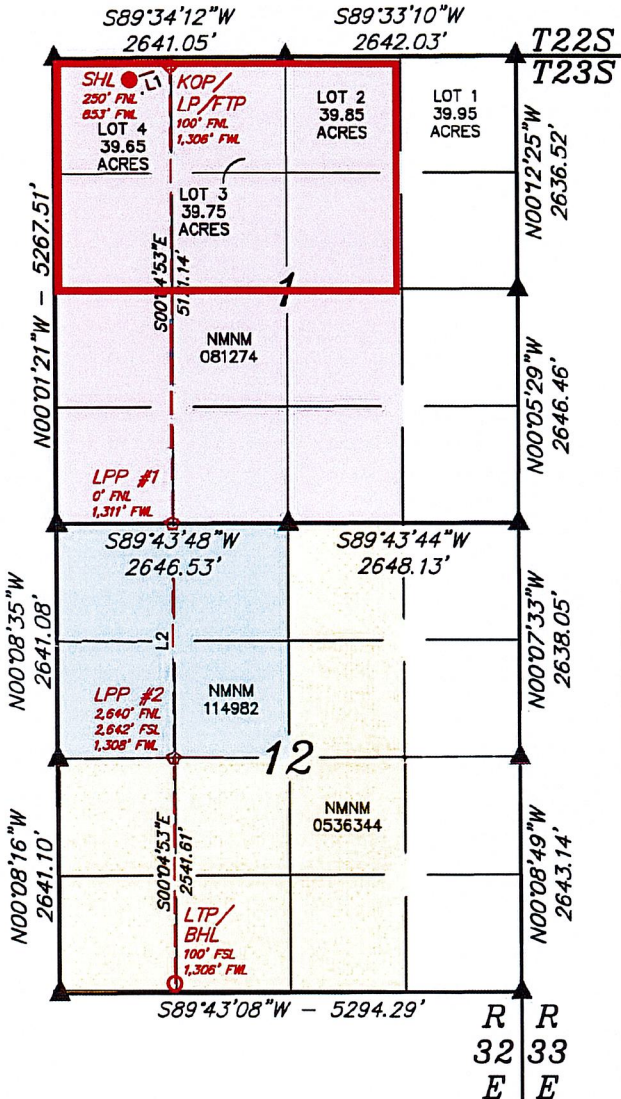
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name CORIANDER 1-12 FED COM	Well Number 122H	Drawn By N.R. 11-27-24	Revised By REV. 1 H.S.S. 04-21-25 (UPDATE OPERATOR)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

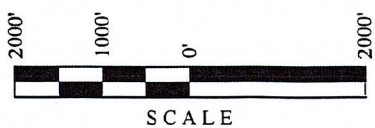
NOTE:

- 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°20'25.16" (32.340322°)
LONGITUDE = 103°38'02.82" (103.634117°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.72" (32.340199°)
LONGITUDE = 103°38'01.08" (103.633633°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488246.03' E: 757284.10'
STATE PLANE NAD 27 (N.M. EAST)
N: 488186.02' E: 716101.15'
NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.67" (32.340741°)
LONGITUDE = -103°37'57.54" (-103.632650°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.22" (32.340617°)
LONGITUDE = -103°37'55.80" (-103.632166°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488401.29' E: 757736.19'
STATE PLANE NAD 27 (N.M. EAST)
N: 488341.28' E: 716553.25'
NAD 83 (LPP #1)
LATITUDE = 32°19'35.50" (32.326529°)
LONGITUDE = -103°37'57.60" (-103.632665°)
NAD 27 (LPP #1)
LATITUDE = 32°19'35.06" (32.326406°)
LONGITUDE = -103°37'55.85" (-103.632181°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483231.14' E: 757765.26'
STATE PLANE NAD 27 (N.M. EAST)
N: 483171.28' E: 716582.19'
NAD 83 (LPP #2)
LATITUDE = 32°19'09.38" (32.319273°)
LONGITUDE = -103°37'57.62" (-103.632673°)
NAD 27 (LPP #2)
LATITUDE = 32°19'08.94" (32.319150°)
LONGITUDE = -103°37'55.88" (-103.632190°)
STATE PLANE NAD 83 (N.M. EAST)
N: 480591.32' E: 757780.11'
STATE PLANE NAD 27 (N.M. EAST)
N: 480531.54' E: 716596.96'
NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.24" (32.312288°)
LONGITUDE = -103°37'57.65" (-103.632681°)
NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.79" (32.312165°)
LONGITUDE = -103°37'55.91" (-103.632197°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478050.20' E: 757794.39'
STATE PLANE NAD 27 (N.M. EAST)
N: 477990.48' E: 716611.18'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N71°17'12"E	478.10'
L2	S00°04'53"E	2640.33'



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 checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORLANDER 1 FED COM	Well Number 123H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO .	Ground Level Elevation 3,751.6'
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
2	1	23S	32E		250 NORTH	2,558 EAST	32.340349°	-103.628054°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	1	23S	32E		100 SOUTH	2,283 WEST	32.326810°	-103.629520°	LEA

Dedicated Acres 79.75	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
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Order Numbers. Well setbacks are under Common Ownership: Yes 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
3	1	23S	32E		100 NORTH	2,283 WEST	32.340754°	-103.629487°	LEA

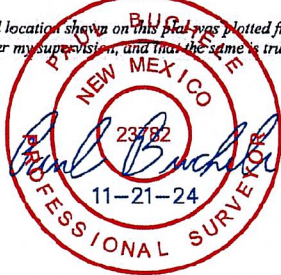
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
3	1	23S	32E		100 NORTH	2,283 WEST	32.340754°	-103.629487°	LEA

Last Take Point (LTP)

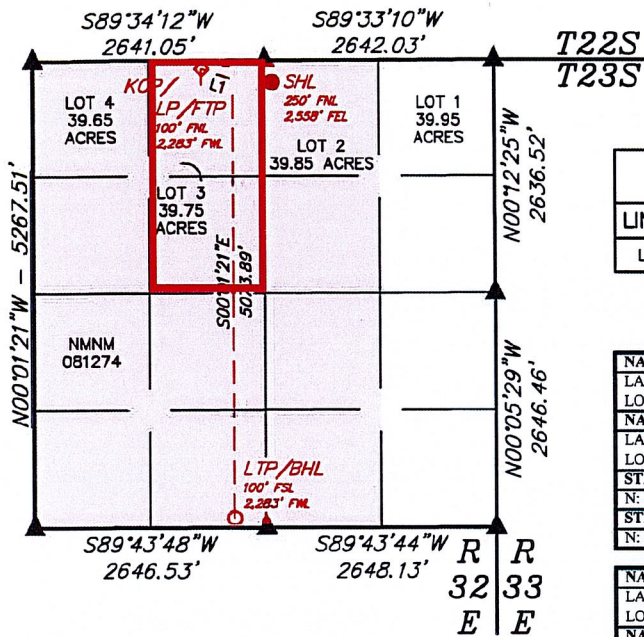
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	1	23S	32E		100 SOUTH	2,283 WEST	32.326810°	-103.629520°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: right;"><i>Shelly Bowen</i> 4/23/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name Shelly Bowen	Certificate Number Date of Survey 23782 August 3, 2021
Email Address Shelly.Bowen@coterra.com	

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 CORIANDER 1 FED COM	Well Number 123H	Drawn By N.R. 11-21-24	Revised By REV. 1 T.I.R. 12-10-24 (TYPO CORRECTON)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED

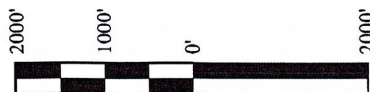
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N71°41'14"W	466.74'

- 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°20'25.25" (32.340349°)
LONGITUDE = -103°37'40.99" (-103.628054°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.81" (32.340225°)
LONGITUDE = -103°37'39.25" (-103.627570°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488267.96' E: 759156.62'
STATE PLANE NAD 27 (N.M. EAST)
N: 488207.96' E: 717973.66'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.72" (32.340754°)
LONGITUDE = -103°37'46.15" (-103.629487°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.27" (32.340631°)
LONGITUDE = -103°37'44.41" (-103.629003°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488412.73' E: 758712.98'
STATE PLANE NAD 27 (N.M. EAST)
N: 488352.72' E: 717530.03'

NAD 83 (LTP/BHL)
LATITUDE = 32°19'36.52" (32.326810°)
LONGITUDE = -103°37'46.27" (-103.629520°)
NAD 27 (LTP/BHL)
LATITUDE = 32°19'36.07" (32.326687°)
LONGITUDE = -103°37'44.53" (-103.629036°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483339.78' E: 758736.28'
STATE PLANE NAD 27 (N.M. EAST)
N: 483279.92' E: 717553.20'



SCALE

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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 151H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,734.0'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		

Mineral Owner: State Fee Tribal Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		310 NORTH	714 WEST	32.340155°	-103.634569°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA


First Take Point (FIP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA

Last Take Point (LTP)

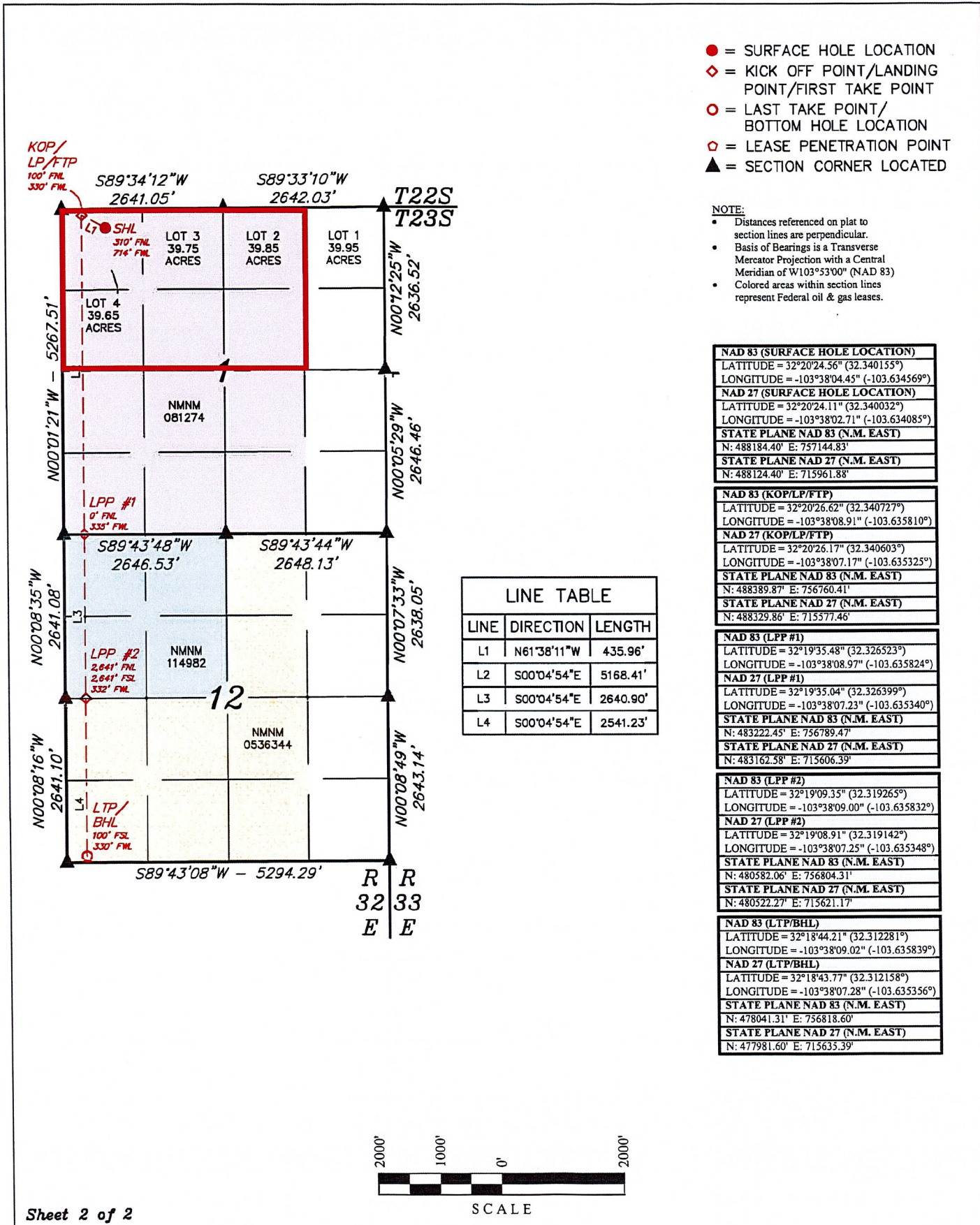
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: center;"><i>Shelly Bowen</i> 4/24/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature	Signature and Seal of Professional Surveyor
Shelly Bowen	23782 August 3, 2021
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 CORIANDER 1-12 FED COM	Well Number 151H	Drawn By Z.L. 10-25-21	Revised By REV. 6 H.S.S. 04-21-25 (UPDATE OPERATOR)
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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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORLANDER 1-12 FED COM	Well Number 152H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,734.0'
Surface 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
4	1	23S	32E		310 NORTH	794 WEST	32.340156°	-103.634310°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	12	23S	32E		100 SOUTH	1,980 WEST	32.312293°	-103.630500°	LEA

Dedicated Acres 239.25	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
3	1	23S	32E		100 NORTH	1,980 WEST	32.340750°	-103.630468°	LEA

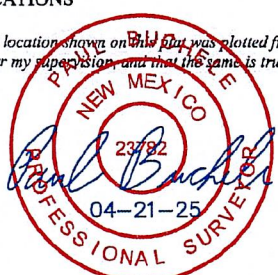
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
3	1	23S	32E		100 NORTH	1,980 WEST	32.340750°	-103.630468°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	12	23S	32E		100 SOUTH	1,980 WEST	32.312293°	-103.630500°	LEA

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	SURVEYOR CERTIFICATIONS
<p><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></p> <p><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></p> <p style="text-align: center;"><i>Shelly Bowen</i> 4/24/2025</p>	<p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Shelly Bowen	23782 August 3, 2021
Printed Name _____	Certificate Number Date of Survey
shelly.bowen@coterra.com	
Email Address _____	

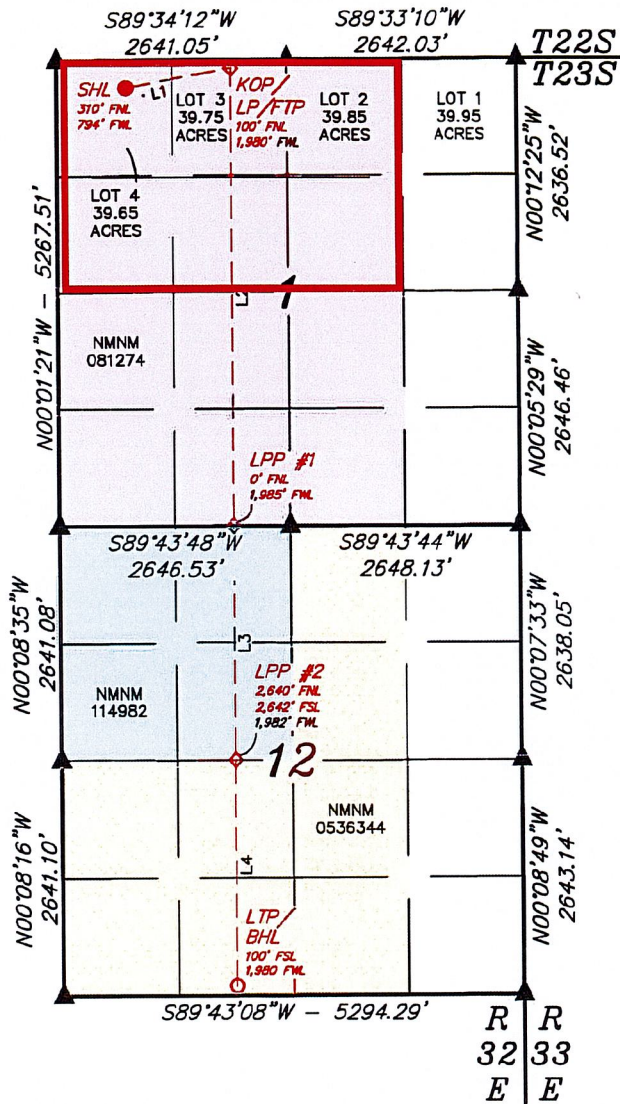
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name CORIANDER 1-12 FED COM	Well Number 152H	Drawn By D.M.C. 01-24-24	Revised By REV. 2 H.S.S. 04-21-25 (UPDATE OPERATOR)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◻ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

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.



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N79°32'45"E	1206.40'
L2	S00°04'53"E	5173.02'
L3	S00°04'53"E	2639.93'
L4	S00°04'53"E	2541.87'

NAD 83 (SURFACE HOLE LOCATION)

LATITUDE = 32°20'24.56" (32.340156°)
LONGITUDE = -103°38'03.52" (-103.634310°)

NAD 27 (SURFACE HOLE LOCATION)

LATITUDE = 32°20'24.12" (32.340033°)
LONGITUDE = -103°38'01.77" (-103.633826°)

STATE PLANE NAD 83 (N.M. EAST)

N: 488185.34' E: 757224.81'

STATE PLANE NAD 27 (N.M. EAST)

N: 488125.34' E: 716041.86'

NAD 83 (KOP/LP/FTP)

LATITUDE = 32°20'26.70" (32.340750°)
LONGITUDE = -103°37'49.69" (-103.630468°)

NAD 27 (KOP/LP/FTP)

LATITUDE = 32°20'26.26" (32.340627°)
LONGITUDE = -103°37'47.94" (-103.629984°)

STATE PLANE NAD 83 (N.M. EAST)

N: 488409.18' E: 758410.04'

STATE PLANE NAD 27 (N.M. EAST)

N: 488349.17' E: 717227.10'

NAD 83 (LPP #1)

LATITUDE = 32°19'35.52" (32.326534°)
LONGITUDE = -103°37'49.74" (-103.630484°)

NAD 27 (LPP #1)

LATITUDE = 32°19'35.08" (32.326410°)
LONGITUDE = -103°37'48.00" (-103.630000°)

STATE PLANE NAD 83 (N.M. EAST)

N: 483237.15' E: 758439.12'

STATE PLANE NAD 27 (N.M. EAST)

N: 483177.29' E: 717256.04'

NAD 83 (LPP #2)

LATITUDE = 32°19'09.40" (32.319278°)
LONGITUDE = -103°37'49.77" (-103.630492°)

NAD 27 (LPP #2)

LATITUDE = 32°19'08.96" (32.319155°)
LONGITUDE = -103°37'48.03" (-103.630008°)

STATE PLANE NAD 83 (N.M. EAST)

N: 480597.72' E: 758453.96'

STATE PLANE NAD 27 (N.M. EAST)

N: 480537.93' E: 717270.81'

NAD 83 (LTP/BHL)

LATITUDE = 32°18'44.25" (32.312293°)
LONGITUDE = -103°37'49.80" (-103.630500°)

NAD 27 (LTP/BHL)

LATITUDE = 32°18'43.81" (32.312169°)
LONGITUDE = -103°37'48.06" (-103.630016°)

STATE PLANE NAD 83 (N.M. EAST)

N: 478056.34' E: 758468.24'

STATE PLANE NAD 27 (N.M. EAST)

N: 477996.62' E: 717285.03'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FEDERAL COM	Well Number 153H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO .	Ground Level Elevation 3,750.7'
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
2	1	23S	32E		310 NORTH	2,618 EAST	32.340183°	-103.628247°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	1,650 EAST	32.312304°	-103.625114°	LEA

Dedicated Acres 239.25	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
2	1	23S	32E		100 NORTH	1,650 EAST	32.340774°	-103.625116°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
2	1	23S	32E		100 NORTH	1,650 EAST	32.340774°	-103.625116°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	1,650 EAST	32.312304°	-103.625114°	LEA

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.

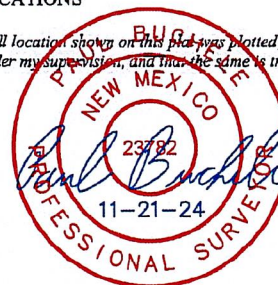
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or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

Shelly Bowen 4/23/2025

Signature	Date
Shelly Bowen	
Printed Name	
Shelly.Bowen@coterra.com	
Email Address	

SURVEYOR CERTIFICATIONS

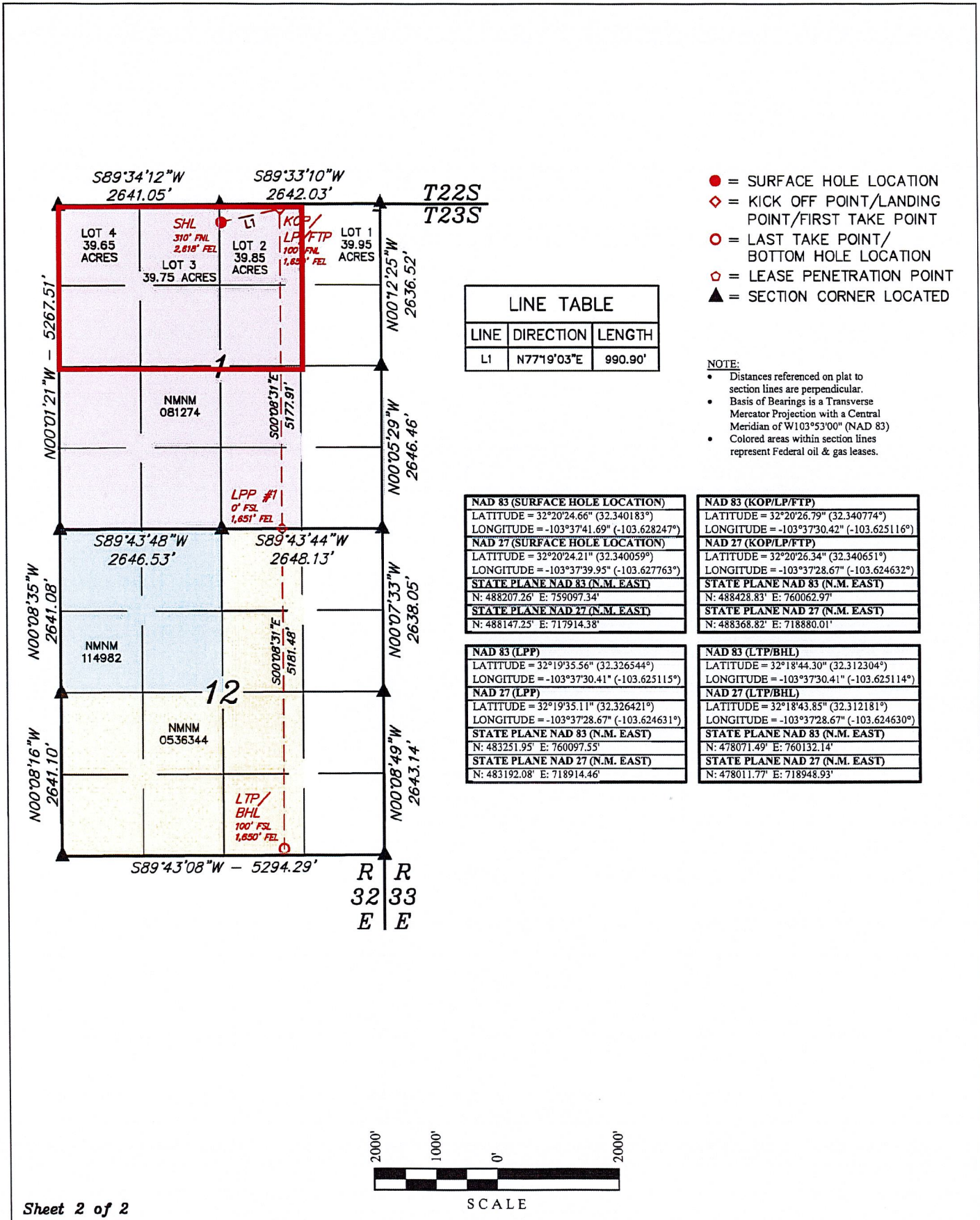
I hereby certify that the well location shown on this plan was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor	
23782	August 3, 2021
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 CORIANDER 1-12 FEDERAL COM	Well Number 153H	Drawn By N.R. 10-18-23	Revised By REV. 2 N.R. 11-21-24 (UPDATE C-102 FORMAT)
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- = SURFACE HOLE LOCATION
- ◆ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◻ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N77°19'03"E	990.90'

NOTE:

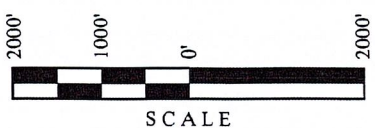
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.66" (32.340183°)
LONGITUDE = -103°37'41.69" (-103.628247°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.21" (32.340059°)
LONGITUDE = -103°37'39.95" (-103.627763°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488207.26' E: 759097.34'
STATE PLANE NAD 27 (N.M. EAST)
N: 488147.25' E: 717914.38'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.79" (32.340774°)
LONGITUDE = -103°37'30.42" (-103.625116°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.34" (32.340651°)
LONGITUDE = -103°37'28.67" (-103.624632°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488428.83' E: 760062.97'
STATE PLANE NAD 27 (N.M. EAST)
N: 488368.82' E: 718880.01'

NAD 83 (LPP)
LATITUDE = 32°19'35.56" (32.326544°)
LONGITUDE = -103°37'30.41" (-103.625115°)
NAD 27 (LPP)
LATITUDE = 32°19'35.11" (32.326421°)
LONGITUDE = -103°37'28.67" (-103.624631°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483251.95' E: 760097.55'
STATE PLANE NAD 27 (N.M. EAST)
N: 483192.08' E: 718914.46'

NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.30" (32.312304°)
LONGITUDE = -103°37'30.41" (-103.625114°)
NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.85" (32.312181°)
LONGITUDE = -103°37'28.67" (-103.624630°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478071.49' E: 760132.14'
STATE PLANE NAD 27 (N.M. EAST)
N: 478011.77' E: 718948.93'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 211H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,733.9'
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
4	1	23S	32E		310 NORTH	754 WEST	32.340156°	-103.634440°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	1,155 WEST	32.312287°	-103.633169°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	1,155 WEST	32.340738°	-103.633139°	LEA

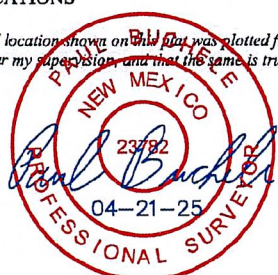
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	1,155 WEST	32.340738°	-103.633139°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	1,155 WEST	32.312287°	-103.633169°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: right;"><i>Shelly Bowen</i> 4/24/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Shelly Bowen	23782 August 3, 2021
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 CORIANDER 1-12 FED COM	Well Number 211H	Drawn By N.R. 10-17-23	Revised By REV. 3 H.S.S. 04-21-25 (UPDATE OPERATOR)
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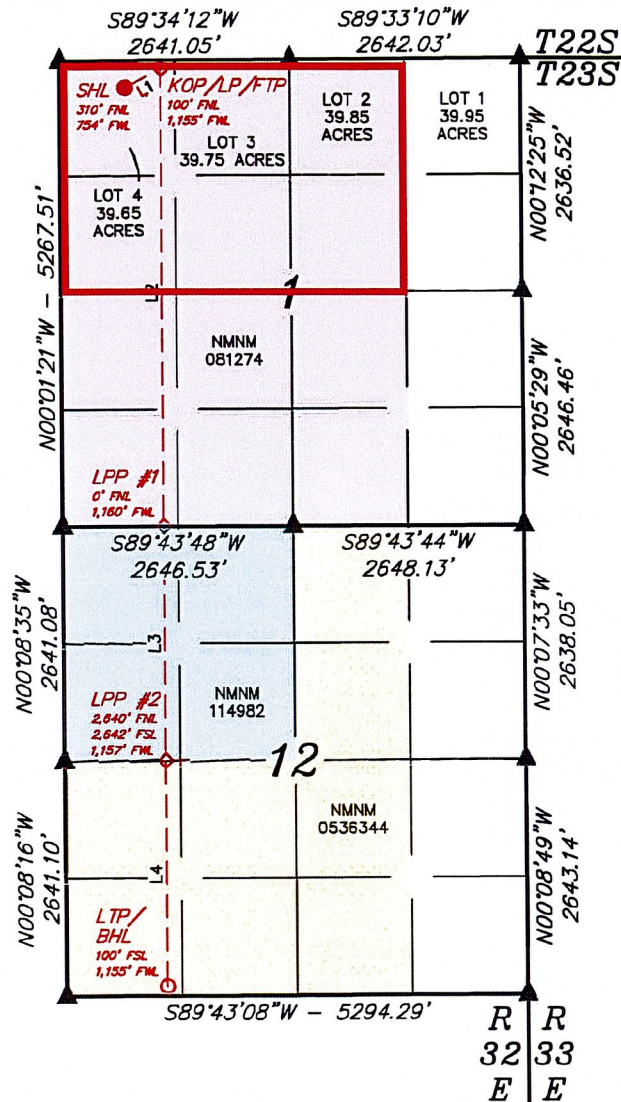
- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

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°20'24.56" (32.340156°) LONGITUDE = -103°38'03.98" (-103.634440°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.12" (32.340032°) LONGITUDE = -103°38'02.24" (-103.633955°)
STATE PLANE NAD 83 (N.M. EAST) N: 488184.87' E: 757184.82'
STATE PLANE NAD 27 (N.M. EAST) N: 488124.87' E: 716001.87'
NAD 83 (KOP/LP/FTP) LATITUDE = 32°20'26.66" (32.340738°) LONGITUDE = -103°37'59.30" (-103.633139°)
NAD 27 (KOP/LP/FTP) LATITUDE = 32°20'26.21" (32.340615°) LONGITUDE = -103°37'57.56" (-103.632654°)
STATE PLANE NAD 83 (N.M. EAST) N: 488399.52' E: 757585.23'
STATE PLANE NAD 27 (N.M. EAST) N: 488339.51' E: 716402.28'
NAD 83 (LPP #1) LATITUDE = 32°19'35.50" (32.326528°) LONGITUDE = -103°37'59.35" (-103.633154°)
NAD 27 (LPP #1) LATITUDE = 32°19'35.06" (32.326405°) LONGITUDE = -103°37'57.61" (-103.632670°)
STATE PLANE NAD 83 (N.M. EAST) N: 483229.80' E: 757614.30'
STATE PLANE NAD 27 (N.M. EAST) N: 483169.94' E: 716431.22'
NAD 83 (LPP #2) LATITUDE = 32°19'09.38" (32.319272°) LONGITUDE = -103°37'59.38" (-103.633162°)
NAD 27 (LPP #2) LATITUDE = 32°19'08.93" (32.319148°) LONGITUDE = -103°37'57.64" (-103.632678°)
STATE PLANE NAD 83 (N.M. EAST) N: 480589.89' E: 757629.14'
STATE PLANE NAD 27 (N.M. EAST) N: 480530.10' E: 716445.99'
NAD 83 (LTP/BHL) LATITUDE = 32°18'44.23" (32.312287°) LONGITUDE = -103°37'59.41" (-103.633169°)
NAD 27 (LTP/BHL) LATITUDE = 32°18'43.79" (32.312164°) LONGITUDE = -103°37'57.67" (-103.632686°)
STATE PLANE NAD 83 (N.M. EAST) N: 478048.83' E: 757643.42'
STATE PLANE NAD 27 (N.M. EAST) N: 477989.11' E: 716460.21'

LINE	DIRECTION	LENGTH
L1	N62°02'44"E	454.39'
L2	S00°04'53"E	5170.72'
L3	S00°04'53"E	2640.41'
L4	S00°04'53"E	2541.55'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FEDERAL COM	Well Number 212H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,749.5'
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
3	1	23S	32E		310 NORTH	2,626 WEST	32.340182°	-103.628377°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	2,475 EAST	32.312299°	-103.627784°	LEA

Dedicated Acres 239.25	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
2	1	23S	32E		100 NORTH	2,475 EAST	32.340762°	-103.627787°	LEA

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
2	1	23S	32E		100 NORTH	2,475 EAST	32.340762°	-103.627787°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	2,475 EAST	32.312299°	-103.627784°	LEA

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.

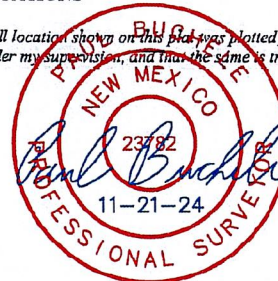
If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or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

Shelly Bowen 4/23/2025

Signature	Date
Shelly Bowen	
Printed Name	
Shelly.Bowen@coterra.com	
Email Address	

SURVEYOR CERTIFICATIONS

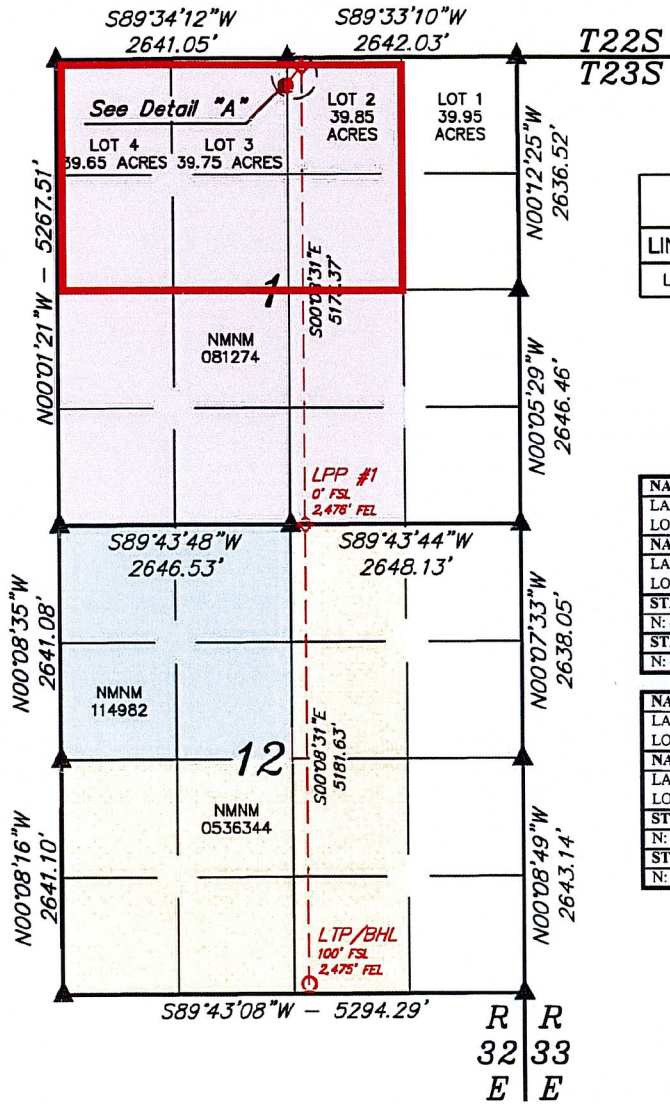
I hereby certify that the well location shown on this plat was plotted from the field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.



Signature and Seal of Professional Surveyor	
23782	August 3, 2021
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 CORIANDER 1-12 FEDERAL COM	Well Number 212H	Drawn By M.D. 10-24-21	Revised By REV. 4 N.R. 11-21-24 (UPDATE C-102 FORMAT)
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LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N40°40'57"E	278.80'

- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◇ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

NOTE:

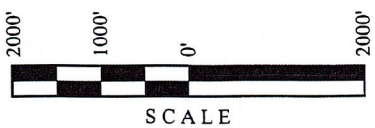
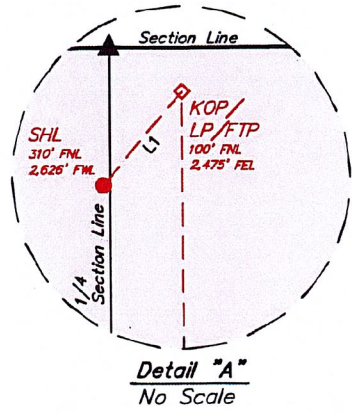
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.66" (32.340182°) LONGITUDE = -103°37'42.16" (-103.628377°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.21" (32.340059°) LONGITUDE = -103°37'40.41" (-103.627892°)
STATE PLANE NAD 83 (N.M. EAST) N: 488206.78' E: 759057.35'
STATE PLANE NAD 27 (N.M. EAST) N: 488146.77' E: 717874.39'

NAD 83 (KOP/LP/FTP) LATITUDE = 32°20'26.74" (32.340762°) LONGITUDE = -103°37'40.03" (-103.627787°)
NAD 27 (KOP/LP/FTP) LATITUDE = 32°20'26.30" (32.340639°) LONGITUDE = -103°37'38.29" (-103.627302°)
STATE PLANE NAD 83 (N.M. EAST) N: 488418.93' E: 759238.17'
STATE PLANE NAD 27 (N.M. EAST) N: 488358.92' E: 718055.21'

NAD 83 (LPP) LATITUDE = 32°19'35.54" (32.326539°) LONGITUDE = -103°37'40.03" (-103.627785°)
NAD 27 (LPP) LATITUDE = 32°19'35.10" (32.326416°) LONGITUDE = -103°37'38.28" (-103.627301°)
STATE PLANE NAD 83 (N.M. EAST) N: 483244.58' E: 759272.73'
STATE PLANE NAD 27 (N.M. EAST) N: 483184.72' E: 718089.64'

NAD 83 (LTP/BHL) LATITUDE = 32°18'44.27" (32.312299°) LONGITUDE = -103°37'40.02" (-103.627784°)
NAD 27 (LTP/BHL) LATITUDE = 32°18'43.83" (32.312175°) LONGITUDE = -103°37'38.28" (-103.627300°)
STATE PLANE NAD 83 (N.M. EAST) N: 478063.98' E: 759307.32'
STATE PLANE NAD 27 (N.M. EAST) N: 478004.26' E: 718124.11'



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 type="checkbox"/> Initial Submittal
		<input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 221H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,733.8'
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
4	1	23S	32E		310 NORTH	734 WEST	32.340155°	-103.634505°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA

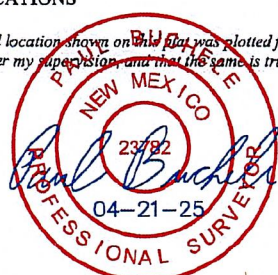
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	330 WEST	32.340727°	-103.635810°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	330 WEST	32.312281°	-103.635839°	LEA

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	SURVEYOR CERTIFICATIONS
<p><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></p> <p><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></p> <p><i>Shelly Bowen</i> 4/24/2025</p>	<p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Shelly Bowen	23782 August 3, 2021
Printed Name _____	Certificate Number Date of Survey
shelly.bowen@coterra.com	
Email Address _____	

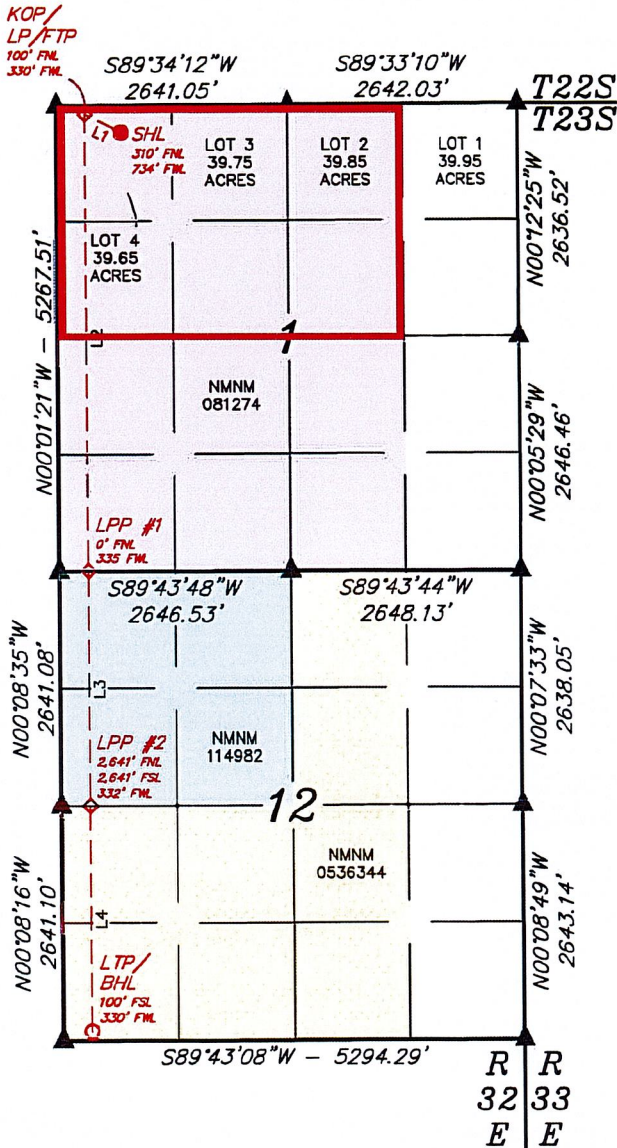
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

Property Name CORIANDER 1-12 FED COM	Well Number 221H	Drawn By N.R. 10-17-23	Revised By REV. 2 H.S.S. 04-21-25 (UPDATE OPERATOR)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

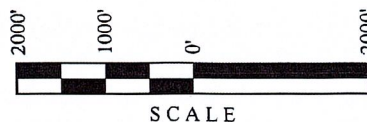
NOTE:

- 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.



LINE	DIRECTION	LENGTH
L1	N62°51'12\"W	453.59'
L2	S00°04'54\"E	5168.41'
L3	S00°04'54\"E	2640.90'
L4	S00°04'54\"E	2541.23'

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.56\" (32.340155°) LONGITUDE = -103°38'04.22\" (-103.634505°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.12\" (32.340032°) LONGITUDE = -103°38'02.47\" (-103.634020°)
STATE PLANE NAD 83 (N.M. EAST) N: 488184.64' E: 757164.83'
STATE PLANE NAD 27 (N.M. EAST) N: 488124.64' E: 715981.88'
NAD 83 (KOP/LP/FTP) LATITUDE = 32°20'26.62\" (32.340727°) LONGITUDE = -103°38'08.91\" (-103.635810°)
NAD 27 (KOP/LP/FTP) LATITUDE = 32°20'26.17\" (32.340603°) LONGITUDE = -103°38'07.17\" (-103.635325°)
STATE PLANE NAD 83 (N.M. EAST) N: 488389.87' E: 756760.41'
STATE PLANE NAD 27 (N.M. EAST) N: 488329.86' E: 715571.46'
NAD 83 (LPP #1) LATITUDE = 32°19'35.48\" (32.326523°) LONGITUDE = -103°38'08.97\" (-103.635824°)
NAD 27 (LPP #1) LATITUDE = 32°19'35.04\" (32.326399°) LONGITUDE = -103°38'07.23\" (-103.635340°)
STATE PLANE NAD 83 (N.M. EAST) N: 483222.45' E: 756789.47'
STATE PLANE NAD 27 (N.M. EAST) N: 483162.58' E: 715606.39'
NAD 83 (LPP #2) LATITUDE = 32°19'09.35\" (32.319265°) LONGITUDE = -103°38'09.00\" (-103.635832°)
NAD 27 (LPP #2) LATITUDE = 32°19'08.91\" (32.319142°) LONGITUDE = -103°38'07.25\" (-103.635348°)
STATE PLANE NAD 83 (N.M. EAST) N: 480582.06' E: 756804.31'
STATE PLANE NAD 27 (N.M. EAST) N: 480522.27' E: 715621.17'
NAD 83 (LTP/BHL) LATITUDE = 32°18'44.21\" (32.312281°) LONGITUDE = -103°38'09.02\" (-103.635839°)
NAD 27 (LTP/BHL) LATITUDE = 32°18'43.77\" (32.312158°) LONGITUDE = -103°38'07.28\" (-103.635356°)
STATE PLANE NAD 83 (N.M. EAST) N: 478041.31' E: 756818.60'
STATE PLANE NAD 27 (N.M. EAST) N: 477981.60' E: 715635.39'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FEDERAL COM	Well Number 222H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,749.7'
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
3	1	23S	32E		310 NORTH	2,606 WEST	32.340182°	-103.628441°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	12	23S	32E		100 SOUTH	1,980 WEST	32.312293°	-103.630500°	LEA

Dedicated Acres 239.25	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
3	1	23S	32E		100 NORTH	1,980 WEST	32.340750°	-103.630468°	LEA

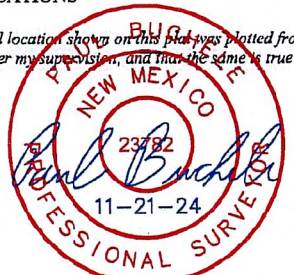
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
3	1	23S	32E		100 NORTH	1,980 WEST	32.340750°	-103.630468°	LEA

Last Take Point (LTP)

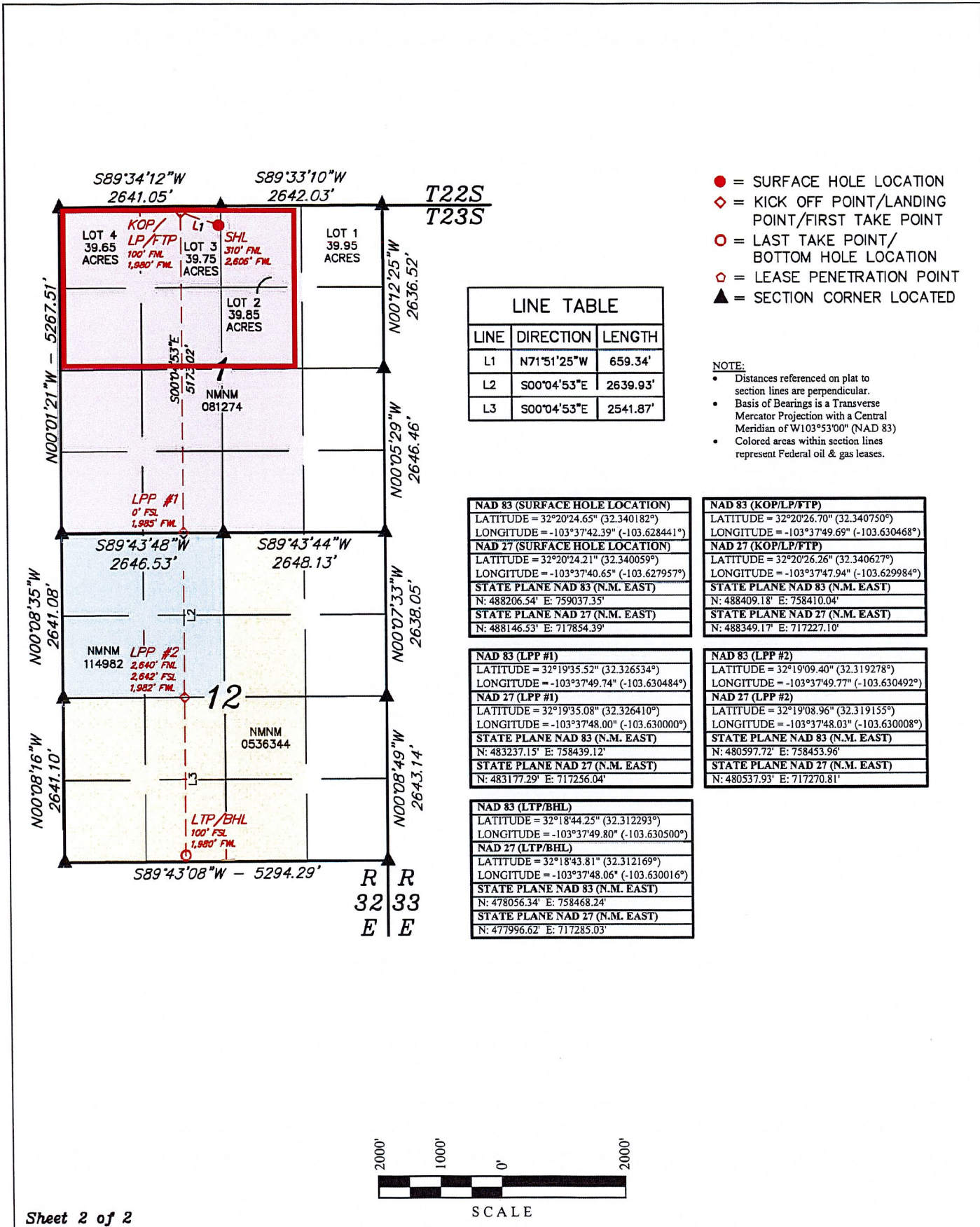
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
N	12	23S	32E		100 SOUTH	1,980 WEST	32.312293°	-103.630500°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: right;"><i>Shelly Bowen</i> 4/23/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature Date	Signature and Seal of Professional Surveyor
Shelly Bowen	23782 August 3, 2021
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 CORIANDER 1-12 FEDERAL COM	Well Number 222H	Drawn By N.R. 10-18-23	Revised By REV. 1 N.R. 11-21-24 (UPDATE C-102 FORMAT)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N71°51'25"W	659.34'
L2	S00°04'53"E	2639.93'
L3	S00°04'53"E	2541.87'

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.

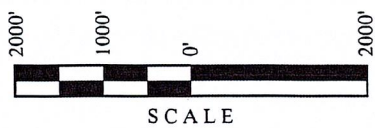
NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.65" (32.340182°)
LONGITUDE = -103°37'42.39" (-103.628441°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.21" (32.340059°)
LONGITUDE = -103°37'40.65" (-103.627957°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488206.54' E: 759037.35'
STATE PLANE NAD 27 (N.M. EAST)
N: 488146.53' E: 717854.39'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.70" (32.340750°)
LONGITUDE = -103°37'49.69" (-103.630468°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.26" (32.340627°)
LONGITUDE = -103°37'47.94" (-103.629984°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488409.18' E: 758410.04'
STATE PLANE NAD 27 (N.M. EAST)
N: 488349.17' E: 717227.10'

NAD 83 (LPP #1)
LATITUDE = 32°19'35.52" (32.326534°)
LONGITUDE = -103°37'49.74" (-103.630484°)
NAD 27 (LPP #1)
LATITUDE = 32°19'35.08" (32.326410°)
LONGITUDE = -103°37'48.00" (-103.630000°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483237.15' E: 758439.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 483177.29' E: 717256.04'

NAD 83 (LPP #2)
LATITUDE = 32°19'09.40" (32.319278°)
LONGITUDE = -103°37'49.77" (-103.630492°)
NAD 27 (LPP #2)
LATITUDE = 32°19'08.96" (32.319155°)
LONGITUDE = -103°37'48.03" (-103.630008°)
STATE PLANE NAD 83 (N.M. EAST)
N: 480597.72' E: 758453.96'
STATE PLANE NAD 27 (N.M. EAST)
N: 480537.93' E: 717270.81'

NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.25" (32.312293°)
LONGITUDE = -103°37'49.80" (-103.630500°)
NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.81" (32.312169°)
LONGITUDE = -103°37'48.06" (-103.630016°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478056.34' E: 758468.24'
STATE PLANE NAD 27 (N.M. EAST)
N: 477996.62' E: 717285.03'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FEDERAL COM	Well Number 223H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,751.0'
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
2	1	23S	32E		310 NORTH	2,598 EAST	32.340183°	-103.628182°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	1,650 EAST	32.312304°	-103.625114°	LEA

Dedicated Acres 239.25	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
2	1	23S	32E		100 NORTH	1,650 EAST	32.340774°	-103.625116°	LEA


First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
2	1	23S	32E		100 NORTH	1,650 EAST	32.340774°	-103.625116°	LEA

Last Take Point (LTP)

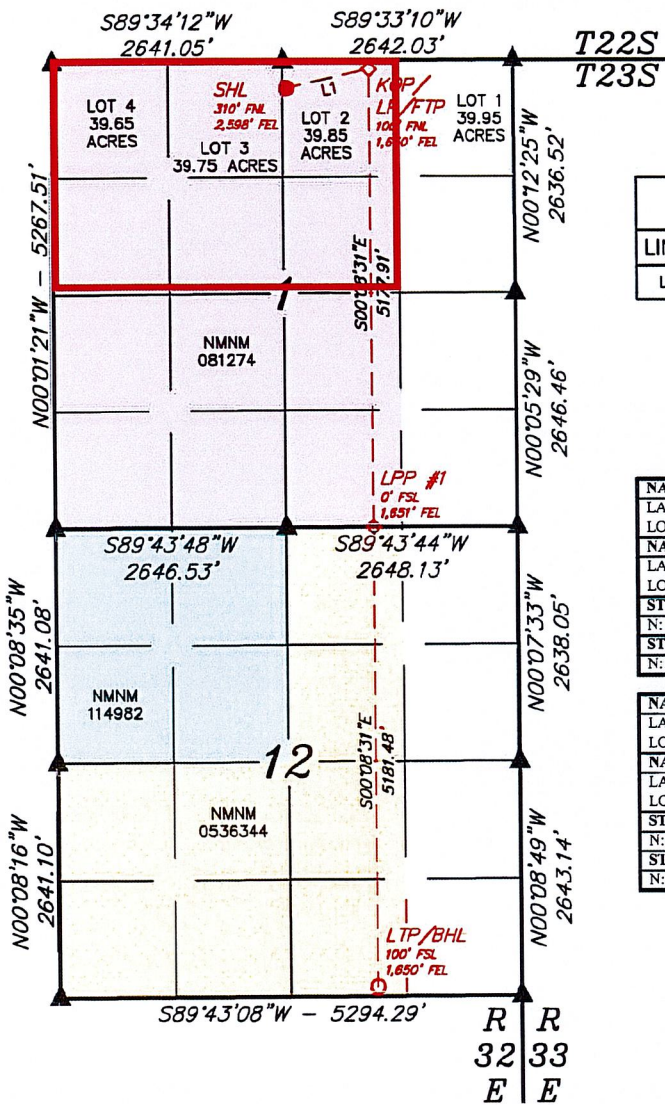
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	1,650 EAST	32.312304°	-103.625114°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: right;"><i>Shelly Bowen</i> 4/23/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor
Shelly Bowen	23782 August 3, 2021
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 CORIANDER 1-12 FEDERAL COM	Well Number 223H	Drawn By M.D. 10-24-21	Revised By REV. 3 N.R. 11-21-24 (UPDATE C-102 FORMAT)
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LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N77°04'03"E	971.37'

- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◇ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

NOTE:

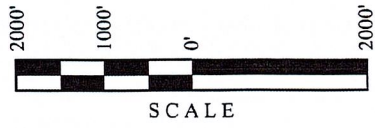
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.66" (32.340183°)
LONGITUDE = -103°37'41.46" (-103.628182°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.21" (32.340060°)
LONGITUDE = -103°37'39.71" (-103.627698°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488207.50' E: 759117.33'
STATE PLANE NAD 27 (N.M. EAST)
N: 488147.49' E: 717934.37'

NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.79" (32.340774°)
LONGITUDE = -103°37'30.42" (-103.625116°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.34" (32.340651°)
LONGITUDE = -103°37'28.67" (-103.624632°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488428.83' E: 760062.97'
STATE PLANE NAD 27 (N.M. EAST)
N: 488368.82' E: 718880.01'

NAD 83 (LPP)
LATITUDE = 32°19'35.56" (32.326544°)
LONGITUDE = -103°37'30.41" (-103.625115°)
NAD 27 (LPP)
LATITUDE = 32°19'35.11" (32.326421°)
LONGITUDE = -103°37'28.67" (-103.624631°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483251.95' E: 760097.55'
STATE PLANE NAD 27 (N.M. EAST)
N: 483192.08' E: 718914.46'

NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.30" (32.312304°)
LONGITUDE = -103°37'30.41" (-103.625114°)
NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.85" (32.312181°)
LONGITUDE = -103°37'28.67" (-103.624630°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478071.49' E: 760132.14'
STATE PLANE NAD 27 (N.M. EAST)
N: 478011.77' E: 718948.93'



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 type="checkbox"/> Initial Submittal <input checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled	

WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FED COM	Well Number 301H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,734.4'
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
4	1	23S	32E		310 NORTH	774 WEST	32.340156°	-103.634375°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	1,155 WEST	32.312287°	-103.633169°	LEA

Dedicated Acres 239.25	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
4	1	23S	32E		100 NORTH	1,155 WEST	32.340738°	-103.633139°	LEA

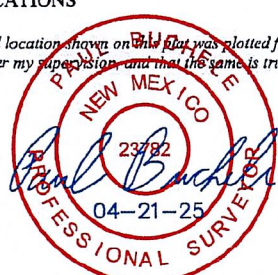
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
4	1	23S	32E		100 NORTH	1,155 WEST	32.340738°	-103.633139°	LEA

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
M	12	23S	32E		100 SOUTH	1,155 WEST	32.312287°	-103.633169°	LEA

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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<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: center;"><i>Shelly Bowen</i> 4/24/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____ Shelly Bowen Printed Name shelly.bowen@coterra.com Email Address	Signature and Seal of Professional Surveyor 23782 August 3, 2021 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 CORIANDER 1-12 FED COM	Well Number 301H	Drawn By Z.L. 10-25.21	Revised By REV. 5 H.S.S. 04-21-25 (UPDATE OPERATOR)
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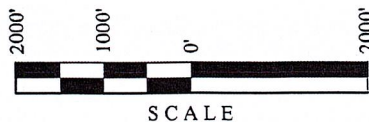
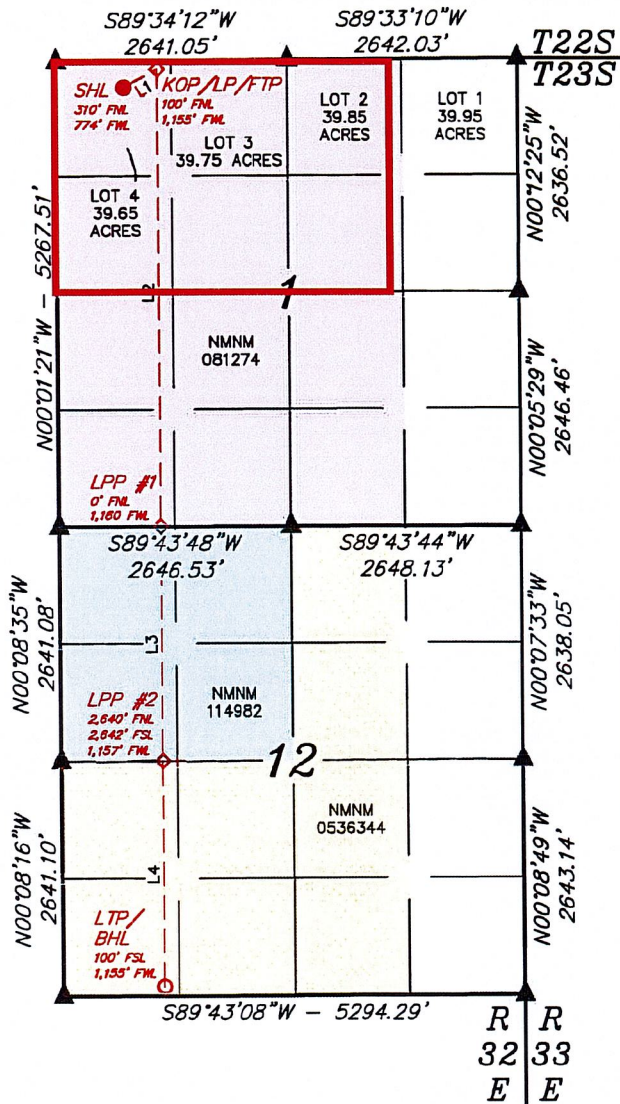
- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◊ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

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°20'24.56" (32.340156°)
LONGITUDE = -103°38'03.75" (-103.634375°)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°20'24.12" (32.340033°)
LONGITUDE = -103°38'02.01" (-103.633891°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488185.11' E: 757204.82'
STATE PLANE NAD 27 (N.M. EAST)
N: 488125.10' E: 716021.87'
NAD 83 (KOP/LP/FTP)
LATITUDE = 32°20'26.66" (32.340738°)
LONGITUDE = -103°37'59.30" (-103.633139°)
NAD 27 (KOP/LP/FTP)
LATITUDE = 32°20'26.21" (32.340615°)
LONGITUDE = -103°37'57.56" (-103.632654°)
STATE PLANE NAD 83 (N.M. EAST)
N: 488399.52' E: 757585.23'
STATE PLANE NAD 27 (N.M. EAST)
N: 488339.51' E: 716402.28'
NAD 83 (LPP #1)
LATITUDE = 32°19'35.50" (32.326528°)
LONGITUDE = -103°37'59.35" (-103.633154°)
NAD 27 (LPP #1)
LATITUDE = 32°19'35.06" (32.326405°)
LONGITUDE = -103°37'57.61" (-103.632670°)
STATE PLANE NAD 83 (N.M. EAST)
N: 483229.80' E: 757614.30'
STATE PLANE NAD 27 (N.M. EAST)
N: 483169.94' E: 716431.22'
NAD 83 (LPP #2)
LATITUDE = 32°19'09.38" (32.319272°)
LONGITUDE = -103°37'59.38" (-103.633162°)
NAD 27 (LPP #2)
LATITUDE = 32°19'08.93" (32.319148°)
LONGITUDE = -103°37'57.64" (-103.632678°)
STATE PLANE NAD 83 (N.M. EAST)
N: 480589.89' E: 757629.14'
STATE PLANE NAD 27 (N.M. EAST)
N: 480530.10' E: 716445.99'
NAD 83 (LTP/BHL)
LATITUDE = 32°18'44.23" (32.312287°)
LONGITUDE = -103°37'59.41" (-103.633169°)
NAD 27 (LTP/BHL)
LATITUDE = 32°18'43.79" (32.312164°)
LONGITUDE = -103°37'57.67" (-103.632686°)
STATE PLANE NAD 83 (N.M. EAST)
N: 478048.83' E: 757643.42'
STATE PLANE NAD 27 (N.M. EAST)
N: 477989.11' E: 716460.21'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N60°49'59"E	436.75'
L2	S00°04'53"E	5170.72'
L3	S00°04'53"E	2640.41'
L4	S00°04'53"E	2541.55'



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 checked="" type="checkbox"/> Amended Report <input type="checkbox"/> As Drilled
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WELL LOCATION INFORMATION

API Number	Pool Code 51683	Pool Name RED TANK; BONE SPRING
Property Code	Property Name CORIANDER 1-12 FEDERAL COM	Well Number 302H
OGRID No. 215099	Operator Name COTERRA ENERGY OPERATING CO.	Ground Level Elevation 3,750.5'
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
2	1	23S	32E		310 NORTH	2,638 EAST	32.340182°	-103.628312°	LEA

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	2,475 EAST	32.312299°	-103.627784°	LEA

Dedicated Acres 239.25	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
2	1	23S	32E		100 NORTH	2,475 EAST	32.340762°	-103.627787°	LEA

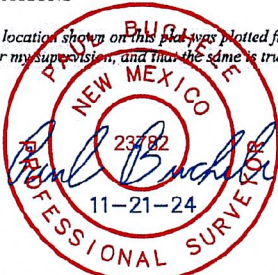
First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
2	1	23S	32E		100 NORTH	2,475 EAST	32.340762°	-103.627787°	LEA

Last Take Point (LTP)

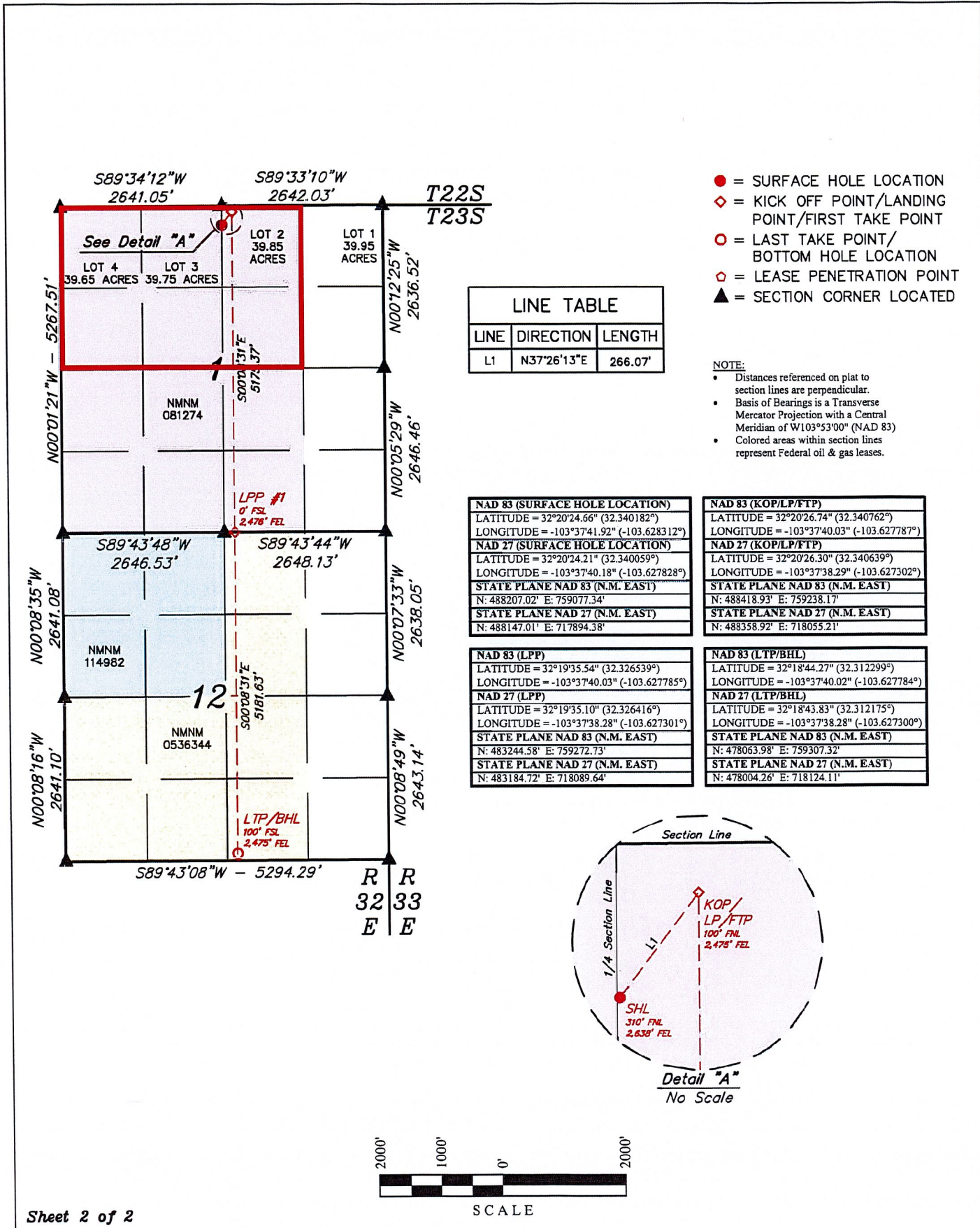
UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude (NAD 83)	Longitude (NAD 83)	County
O	12	23S	32E		100 SOUTH	2,475 EAST	32.312299°	-103.627784°	LEA

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

<p>OPERATOR CERTIFICATIONS</p> <p><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></p> <p><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></p> <p style="text-align: right;"><i>Shelly Bowen</i> 4/23/2025</p>	<p>SURVEYOR CERTIFICATIONS</p> <p><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></p> <div style="text-align: center;">  </div>
Signature _____ Date _____	Signature and Seal of Professional Surveyor _____
Printed Name Shelly Bowen	Certificate Number 23782
Email Address Shelly.Bowen@coterra.com	Date of Survey August 3, 2021

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 CORIANDER 1-12 FEDERAL COM	Well Number 302H	Drawn By M.D. 10-24-21	Revised By REV. 4 N.R. 11-21-24 (UPDATE C-102 FORMAT)
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- = SURFACE HOLE LOCATION
- ◇ = KICK OFF POINT/LANDING POINT/FIRST TAKE POINT
- = LAST TAKE POINT/BOTTOM HOLE LOCATION
- ◇ = LEASE PENETRATION POINT
- ▲ = SECTION CORNER LOCATED

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N37°26'13"E	266.07'

NOTE:

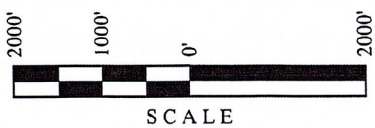
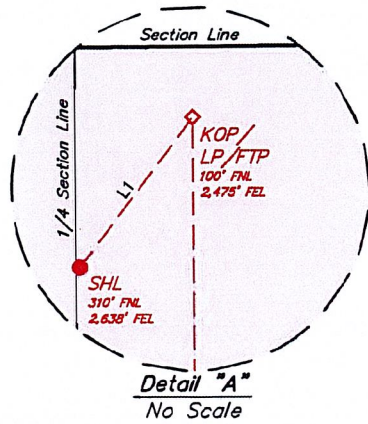
- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
- Colored areas within section lines represent Federal oil & gas leases.

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.66" (32.340182°) LONGITUDE = -103°37'41.92" (-103.628312°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.21" (32.340059°) LONGITUDE = -103°37'40.18" (-103.627828°)
STATE PLANE NAD 83 (N.M. EAST) N: 488207.02' E: 759077.34'
STATE PLANE NAD 27 (N.M. EAST) N: 488147.01' E: 717894.38'

NAD 83 (KOP/LP/FTP) LATITUDE = 32°20'26.74" (32.340762°) LONGITUDE = -103°37'40.03" (-103.627787°)
NAD 27 (KOP/LP/FTP) LATITUDE = 32°20'26.30" (32.340639°) LONGITUDE = -103°37'38.29" (-103.627302°)
STATE PLANE NAD 83 (N.M. EAST) N: 488418.93' E: 759238.17'
STATE PLANE NAD 27 (N.M. EAST) N: 488358.92' E: 718055.21'

NAD 83 (LPP) LATITUDE = 32°19'35.54" (32.326539°) LONGITUDE = -103°37'40.03" (-103.627785°)
NAD 27 (LPP) LATITUDE = 32°19'35.10" (32.326416°) LONGITUDE = -103°37'38.28" (-103.627301°)
STATE PLANE NAD 83 (N.M. EAST) N: 483244.58' E: 759272.73'
STATE PLANE NAD 27 (N.M. EAST) N: 483184.72' E: 718089.64'

NAD 83 (LTP/BHL) LATITUDE = 32°18'44.27" (32.312299°) LONGITUDE = -103°37'40.02" (-103.627784°)
NAD 27 (LTP/BHL) LATITUDE = 32°18'43.83" (32.312175°) LONGITUDE = -103°37'38.28" (-103.627300°)
STATE PLANE NAD 83 (N.M. EAST) N: 478063.98' E: 759307.32'
STATE PLANE NAD 27 (N.M. EAST) N: 478004.26' E: 718124.11'



Red Tank Pool C-102s

Existing Wells

District I
1625 N. French Dr., Hobbs, NM, 88240
Phone: (575) 393-6161 Fax: (575) 393-0729
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6174 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-51608	² Pool Code 17644	³ Pool Name DIAMONDTAIL; BONE SPRING
⁴ Property Code	⁵ Property Name CORIANDER 1 12 FEDERAL COM	
⁷ OGRID No. 215099	⁸ Operator Name COTERRA ENERGY OPERATING CO.	⁶ Well Number 6H ⁹ Elevation 3749.2'

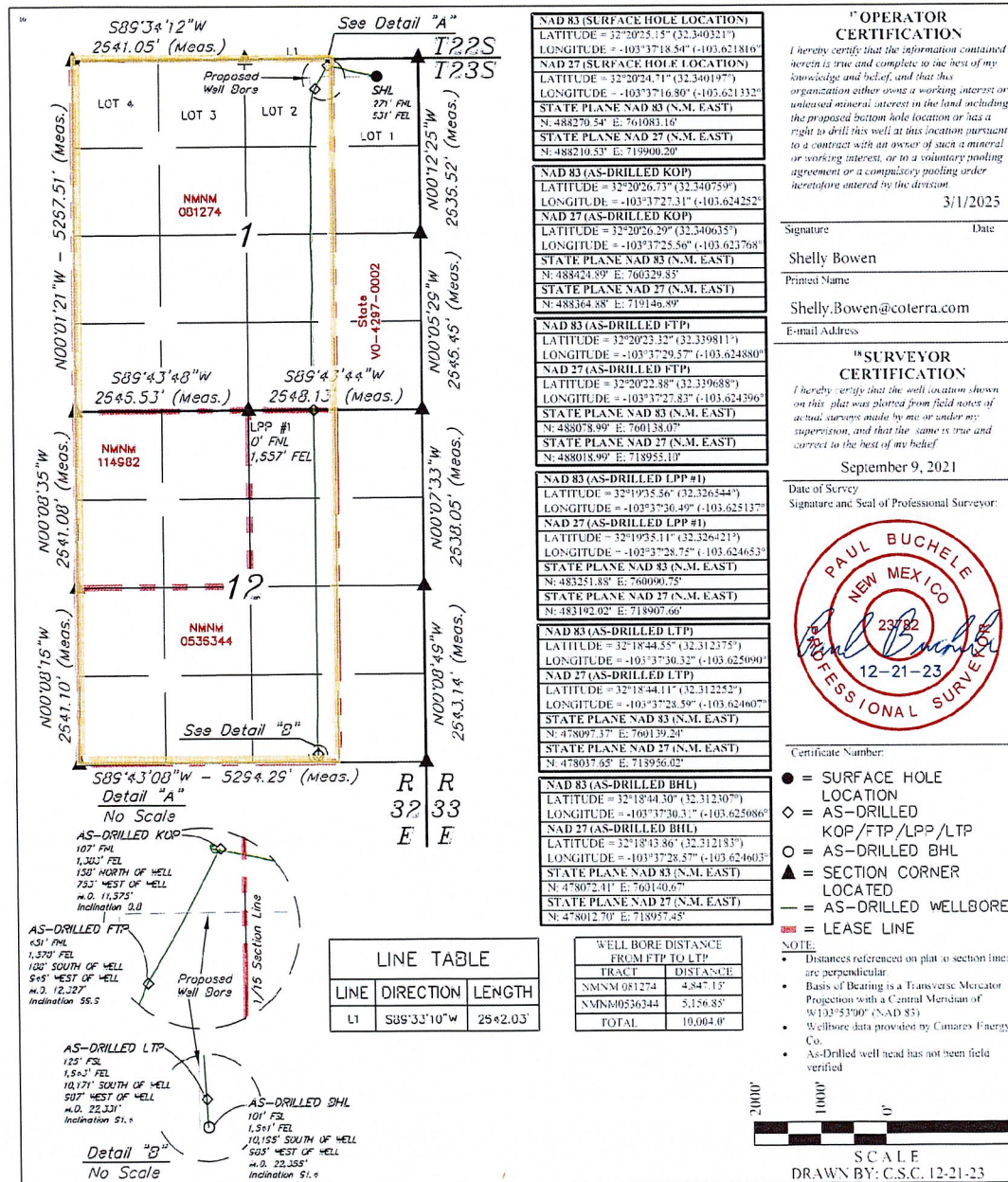
Surface Location

UL or lot no. 1	Section 1	Township 23S	Range 32E	Lot Idn	Feet from the 271	North/South line NORTH	Feet from the 631	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

UL or lot no. O	Section 12	Township 23S	Range 32E	Lot Idn	Feet from the 101	North/South line SOUTH	Feet from the 1641	East/West line EAST	County LEA
¹² Dedicated Acres 959.25	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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



OPERATOR CERTIFICATION

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

3/1/2025

Signature _____ Date _____

Shelly Bowen

Printed Name

Shelly.Bowen@coterra.com

E-mail Address

SURVEYOR CERTIFICATION

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

September 9, 2021

Date of Survey
Signature and Seal of Professional Surveyor



Certificate Number:

- = SURFACE HOLE LOCATION
- ◇ = AS-DRILLED KOP/FTP/LPP/LTP
- = AS-DRILLED BHL
- ▲ = SECTION CORNER LOCATED
- = AS-DRILLED WELLBORE
- ▬ = LEASE LINE

- NOTE:
- Distances referenced on plat to section lines are perpendicular.
 - Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W102°53'00" (NAD 83)
 - Wellbore data provided by Cimarex Energy Co.
 - As-Drilled well head has not been field verified



SCALE
DRAWN BY: C.S.C. 12-21-23

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-6720

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

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3400 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-51308	² Pool Code 17644	³ Pool Name DIAMONDTAIL; BONE SPRING
⁴ Property Code	⁵ Property Name CORIANDER 1 12 FEDERAL COM	⁶ Well Number 12H
⁷ OGRID No. 215099	⁸ Operator Name COTERRA ENERGY OPERATING CO.	⁹ Elevation 3750.5'

¹⁰ Surface Location

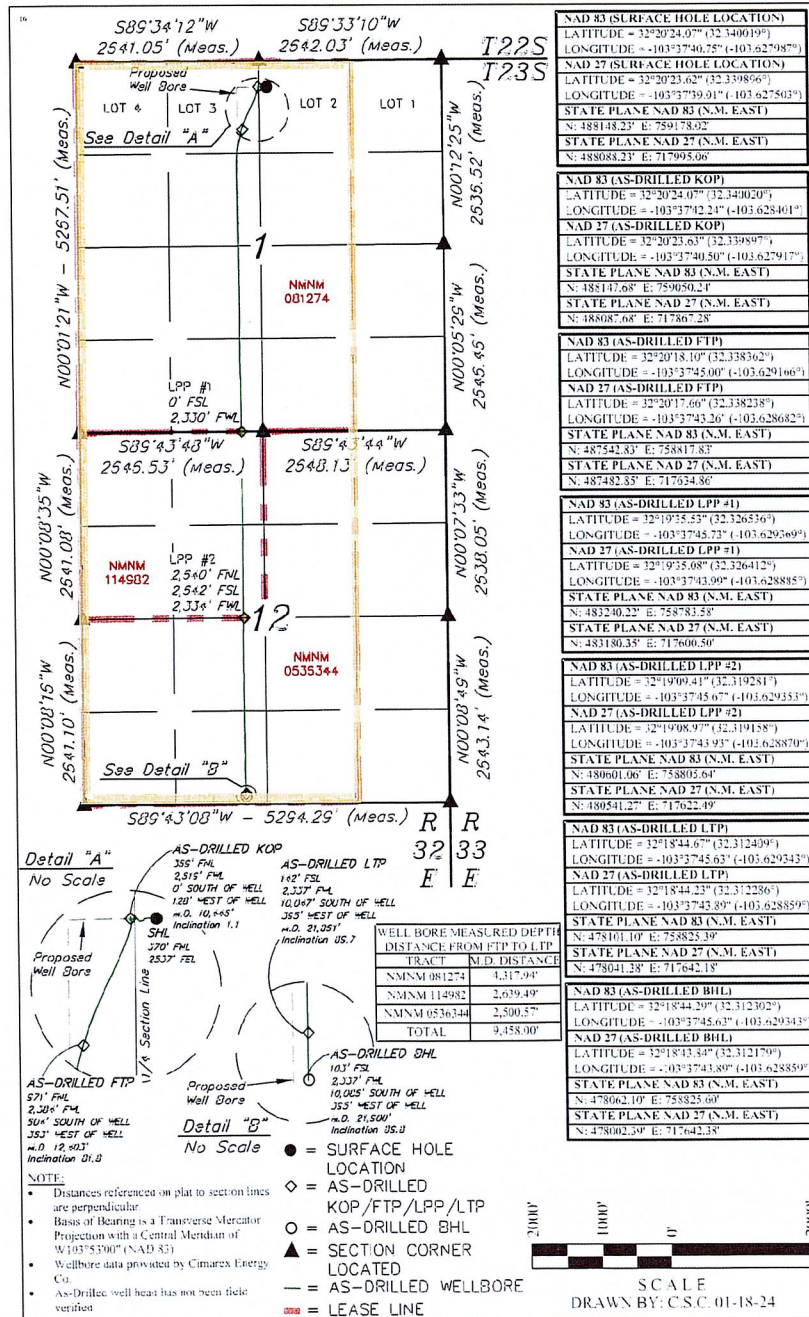
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
2	1	23S	32E		370	NORTH	2537	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	23S	32E		103	SOUTH	2337	WEST	LEA

¹² Dedicated Acres 959.25	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
---	-------------------------------	----------------------------------	-------------------------

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



¹⁷ OPERATOR CERTIFICATION

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

3/1/2025

Signature _____ Date _____
Shelly Bowen

Printed Name _____
Shelly.Bowen@coterra.com

E-mail Address _____

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°20'24.07" (32.340019°) LONGITUDE = -103°37'40.75" (-103.627987°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°20'23.62" (32.33986°) LONGITUDE = -103°37'39.91" (-103.627503°)
STATE PLANE NAD 83 (N.M. EAST) N: 488148.23' E: 759178.02' STATE PLANE NAD 27 (N.M. EAST) N: 488088.23' E: 717995.06'
NAD 83 (AS-DRILLED KOP) LATITUDE = 32°20'24.07" (32.340020°) LONGITUDE = -103°37'42.24" (-103.628401°)
NAD 27 (AS-DRILLED KOP) LATITUDE = 32°20'23.63" (32.33987°) LONGITUDE = -103°37'40.50" (-103.627917°)
STATE PLANE NAD 83 (N.M. EAST) N: 488147.68' E: 759050.24' STATE PLANE NAD 27 (N.M. EAST) N: 488087.68' E: 717867.28'
NAD 83 (AS-DRILLED FTP) LATITUDE = 32°20'18.10" (32.338362°) LONGITUDE = -103°37'45.00" (-103.629166°)
NAD 27 (AS-DRILLED FTP) LATITUDE = 32°20'17.66" (32.338238°) LONGITUDE = -103°37'43.26" (-103.628682°)
STATE PLANE NAD 83 (N.M. EAST) N: 487542.83' E: 758817.87' STATE PLANE NAD 27 (N.M. EAST) N: 487482.83' E: 717634.86'
NAD 83 (AS-DRILLED LPP #1) LATITUDE = 32°19'35.53" (32.326536°) LONGITUDE = -103°37'45.73" (-103.629369°)
NAD 27 (AS-DRILLED LPP #1) LATITUDE = 32°19'35.68" (32.326412°) LONGITUDE = -103°37'45.90" (-103.628885°)
STATE PLANE NAD 83 (N.M. EAST) N: 488340.22' E: 758783.85' STATE PLANE NAD 27 (N.M. EAST) N: 488180.35' E: 717600.50'
NAD 83 (AS-DRILLED LPP #2) LATITUDE = 32°19'09.41" (32.319281°) LONGITUDE = -103°37'45.67" (-103.629353°)
NAD 27 (AS-DRILLED LPP #2) LATITUDE = 32°19'08.97" (32.319158°) LONGITUDE = -103°37'43.93" (-103.628870°)
STATE PLANE NAD 83 (N.M. EAST) N: 480601.06' E: 758803.64' STATE PLANE NAD 27 (N.M. EAST) N: 480541.27' E: 717622.49'
NAD 83 (AS-DRILLED LFP #2) LATITUDE = 32°18'44.67" (32.312439°) LONGITUDE = -103°37'45.63" (-103.629343°)
NAD 27 (AS-DRILLED LFP #2) LATITUDE = 32°18'44.23" (32.312286°) LONGITUDE = -103°37'43.89" (-103.628859°)
STATE PLANE NAD 83 (N.M. EAST) N: 478101.10' E: 758825.39' STATE PLANE NAD 27 (N.M. EAST) N: 478041.38' E: 717642.13'
NAD 83 (AS-DRILLED BHL) LATITUDE = 32°18'44.29" (32.312302°) LONGITUDE = -103°37'45.63" (-103.629343°)
NAD 27 (AS-DRILLED BHL) LATITUDE = 32°18'43.34" (32.312170°) LONGITUDE = -103°37'43.89" (-103.628859°)
STATE PLANE NAD 83 (N.M. EAST) N: 478062.10' E: 758825.60' STATE PLANE NAD 27 (N.M. EAST) N: 478002.29' E: 717642.38'

¹⁸ SURVEYOR CERTIFICATION

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

August 3, 2021

Date of Survey _____
Signature and Seal of Professional Surveyor: _____

Paul Buchele
NEW MEXICO
23882
01-18-24
PROFESSIONAL SURVEYOR

Certificate Number _____

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-51104	² Pool Code 17644	³ Pool Name Diamondtail; Bone Spring
⁴ Property Code	⁵ Property Name CORIANDER 1-12 FEDERAL COM	⁶ Well Number 25H
⁷ OGRID No. 215099	⁸ Operator Name COTERRA ENERGY OPERATING CO.	⁹ Elevation 3734.3'

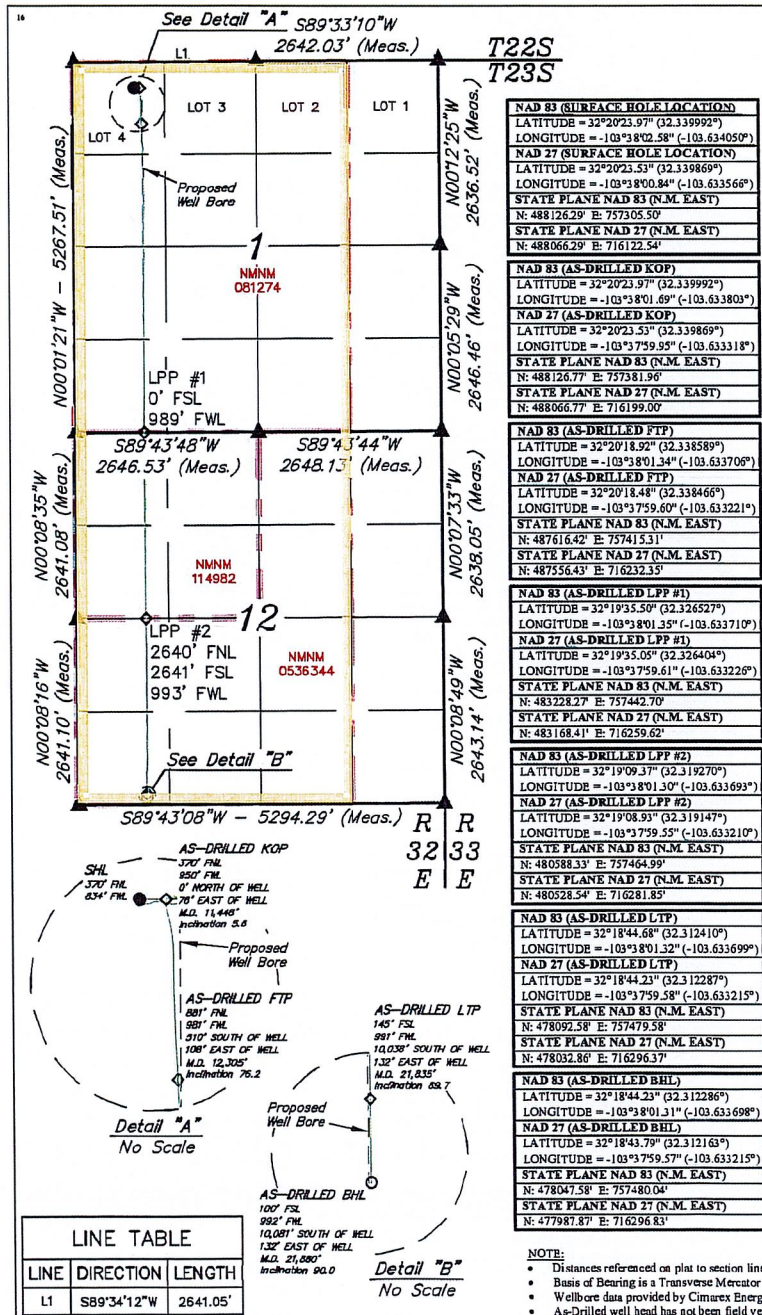
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	1	23S	32E		370	NORTH	874	WEST	LEA

"Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	12	23S	32E		100	SOUTH	992	WEST	LEA
¹⁰ Dedicated Acres 959.25		¹¹ Joliet or Infill		¹² Consolidation Code		¹³ Order No.			

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



LINE TABLE

LINE	DIRECTION	LENGTH
L1	S89°34'12"W	2641.05'

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

3/1/2025
Signature Date
Shelly Bowen
Printed Name
Shelly.Bowen@coterra.com
E-mail Address

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

August 3, 2021
Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
2382
PROFESSIONAL SURVEYOR
02-15-24

Certificate Number:

WELL BORE MEASURED DEPTH	DISTANCE FROM FTP TO LTP	TRACT	M.D. DISTANCE
NMNM 081274	4,393.37'		
NMNM 114982	2,640.52'		
NMNM 0536344	2,496.11'		
TOTAL	9,530.00'		

● = SURFACE HOLE LOCATION
◇ = AS-DRILLED KOP/FTP/LPP/LTP
○ = AS-DRILLED BHL
▲ = SECTION CORNER LOCATED
— = AS-DRILLED WELLBORE
- - - = LEASE LINE

SCALE
DRAWN BY: T.J.S. 02-15-24

NOTE:
• Distances referenced on plat to section lines are perpendicular.
• Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)
• Wellbore data provided by Cimarex Energy Co.
• As-Drilled well head has not been field verified

Tract Maps & Well List Exhibit B

Coriander 1-12 Fed Com Area

Operator – Coterra Energy Operating Co. (215099)


Proposed Non-Standard Horizontal Spacing Unit – Bone Spring


L2, L3, L4, S2/NW, SW/NE, SW, W2/SE of Section 1, and W3/4 of Section 12, Township 23 South, Range 32 East, Lea County, New Mexico, containing 959.25 acres, more or less


Red Tank Pool Area: 239.25 acres
Red outline and red crosshatching

CORIANDER 1-12


T23S/32E, LEA CO., NM


 **Tract 1:**
NMNM 081274
Federal
479.25 Acres

 **Tract 2:**
NMNM 114982
Federal
160.00 Acres

 **Tract 3:**
NMNM 0536344
Federal
320.00 Acres

Excluded Tracts:

 **Tract 4:**
V0-4297-2
State
159.95 Acres

 **Tract 5:**
V0-3652-4
State
160.00 Acres

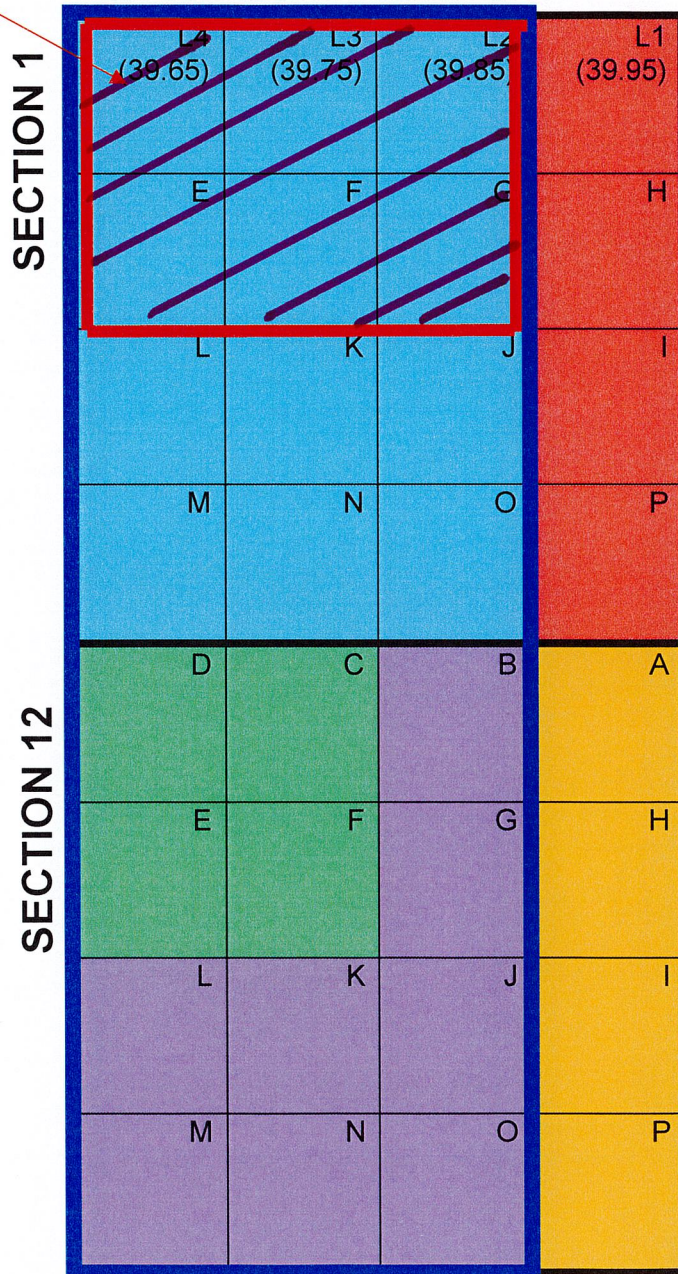


Exhibit "B1"

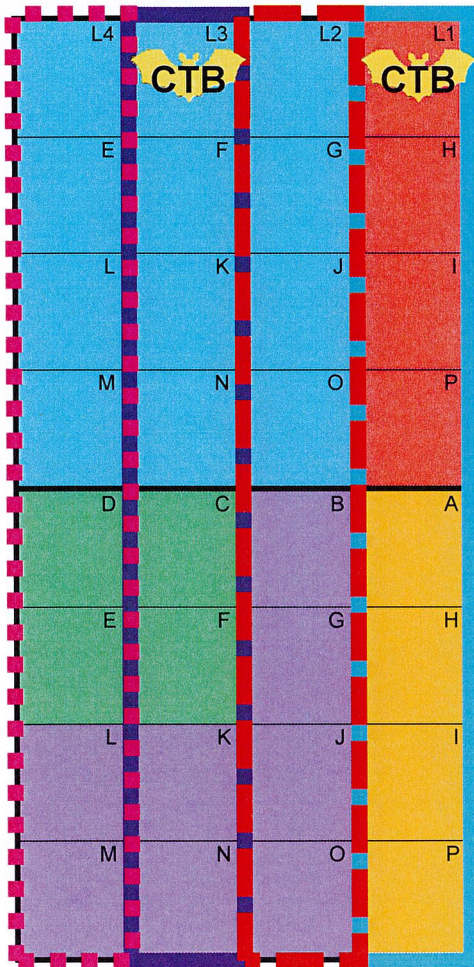
Coriander 1-12 Fed Com Area

Standard Spacing Unit v. Non-Standard Spacing Unit

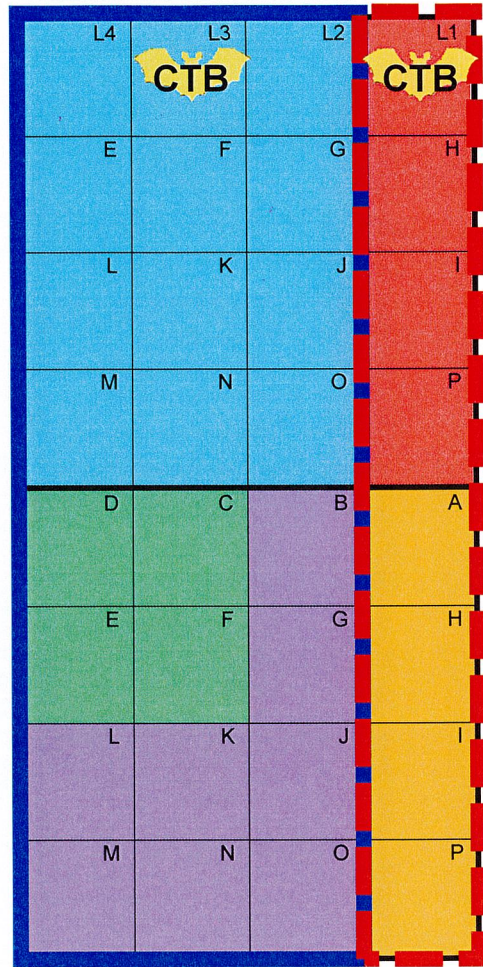
CORIANDER 1-12


T23S/R32E, LEA CO., NM


Standard



Non-Standard



 **Tract 1:**
NMNM 081274
Federal
479.25 Acres

 **Tract 2:**
NMNM 114982
Federal
160.00 Acres


 **Tract 3:**
NMNM 0536344
Federal
320.00 Acres


Exhibit "B2"


Coriander 1-12 Fed Com Area


Bone Spring Development

CORIANDER 1-12


T23S/32E, LEA CO., NM

 **Tract 1:**
NMNM 081274
Federal
479.25 Acres

 **Tract 2:**
NMNM 114982
Federal
160.00 Acres

 **Tract 3:**
NMNM 0536344
Federal
320.00 Acres

 Existing Bone Spring Wells

 Planned Bone Spring Development

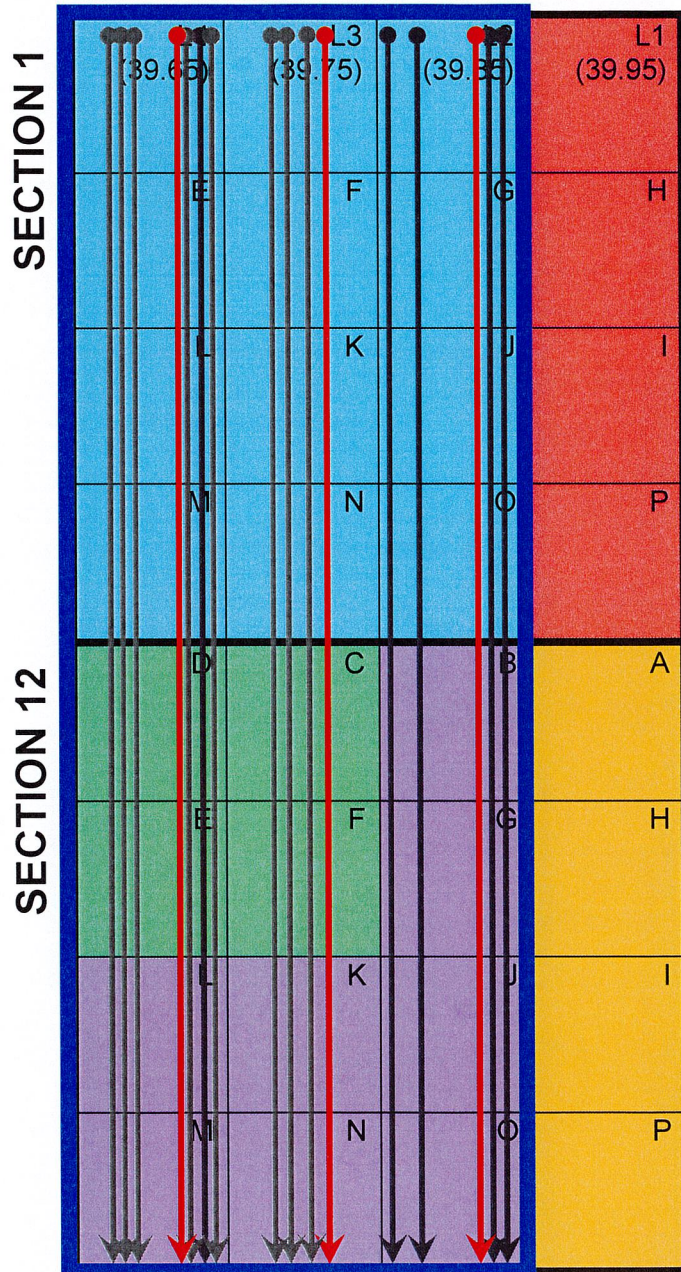


Exhibit "B3"

Coriander 1-12 Fed Com Area

Well List with Pool Code

RED TANK; BONE SPRING (Pool Code: 51683)¹

Well:	API:	Status:
Coriander 1 12 Federal Com 6H	30-025-51608	Producing
Coriander 1 12 Federal Com 12H	30-025-51308	Producing
Coriander 1 12 Federal Com 25H	30-025-51104	Producing
Coriander 1 12 Federal Com 121H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 122H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 123H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 151H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 152H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 153H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 211H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 212H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 221H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 222H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 223H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 301H	30-025-XXXXX	Permit Pending
Coriander 1 12 Federal Com 302H	30-025-XXXXX	Permit Pending

¹ Coterra is submitting a separate application for the Diamondtail; Bone Spring pool, which these wells also traverse.

Exhibit "B4"

Reservoir Engineer Letter & Exhibits Exhibit C



Coterra Energy Inc.
Permian Business Unit
6001 Deauville Blvd.
Suite 300N
Midland, TX 79706

T 432.571.7800
coterra.com

April 22, 2025

VIA E-FILING

Acting Director Gerasimos Razatos

And

OCD Engineering Bureau

Oil Conservation Division

New Mexico Department of Energy,

Minerals and Natural Resources

1220 South Saint Francis Drive

Santa Fe, New Mexico 87505

RE: Application of Coterra Energy Operating Co. for administrative approval of a 959.25-acre, more or less, nonstandard spacing unit in the Bone Spring formation comprised of L2, L3, L4, S2/NW, SW/NE, SW, W2/SE of Section 1, and W3/4 of Section 12, Township 23 South, Range 32 East, Lea County, New Mexico.

Dear Director Razatos/OCD Engineering Bureau:

Coterra Energy Operating Co., a subsidiary of Coterra Energy Inc., OGRID Number 215099 ("Coterra"), respectfully requests administrative approval of a 959.25-acre, more or less, non-standard spacing unit ("NSU") comprised of L2, L3, L4, S2/NW, SW/NE, SW, W2/SE of Section 1, and W3/4 of Section 12, Township 23 South, Range 32 East, Lea County, New Mexico.

The new wells proposed to be dedicated to this NSU (the "Wells") are:

<u>Well Name</u>	<u>API Number</u>
Coriander 1 12 Federal Com 121H	TBD
Coriander 1 12 Federal Com 122H	TBD
Coriander 1 12 Federal Com 123H	TBD
Coriander 1 12 Federal Com 151H	TBD
Coriander 1 12 Federal Com 152H	TBD
Coriander 1 12 Federal Com 153H	TBD
Coriander 1 12 Federal Com 211H	TBD
Coriander 1 12 Federal Com 212H	TBD
Coriander 1 12 Federal Com 221H	TBD
Coriander 1 12 Federal Com 222H	TBD
Coriander 1 12 Federal Com 223H	TBD
Coriander 1 12 Federal Com 301H	TBD
Coriander 1 12 Federal Com 302H	TBD

Coterra also requests that the following existing wells¹ be included in the NSU approved order:

<u>Well Name</u>	<u>API Number</u>
Coriander 1 12 Federal Com 6H	30-025-51608
Coriander 1 12 Federal Com 12H	30-025-51308
Coriander 1 12 Federal Com 25H	30-025-51104

The Wells target the Bone Spring formation and the pools underlying the proposed non-standard spacing unit are the Red Tank; Bone Spring pool (Code 51683) and the Diamondtail; Bone Spring pool (Code 17644), both of which follows the statewide spacing rules.

If Coterra were to follow the state-wide rules, Coterra would have to have three units to have standard units. The three standard units would be a W/2W/2 unit, an E/2W/2 unit, and a W/2E/2 unit. In this NSU application, Coterra seeks a single 959.25-acre unit.

Coterra seeks administrative approval of this non-standard spacing unit to match an existing Bureau of Land Management approved Communitization Agreement, to provide for efficient development, and to minimize surface disturbance by consolidating facilities and commingling production from wells in the proposed non-standard spacing unit. Accordingly, approval of this administrative application will allow for full development of the communitized acreage, promote efficiently located surface facilities, reduce surface disturbance, consolidate roads, tanks and pipelines; and promote effective well spacing. In addition, approval of Coterra's application promotes effective well spacing and will allow Coterra to commingle production.

Conversely, if Coterra's NSU application is not approved, Coterra will need to construct two additional CTBs, and will need additional third-party takeaway connections for oil, water, and gas. I have included as Exhibit C-1 a slide comparing and contrasting the standard (C-1B) versus non-standard(C-1A) development scenarios.

Exhibit C-2 compares and contrasts, in table format, the reduced surface acreage and the cost savings that will occur if the NSU is approved. Developing the acreage as a single, non-standard unit will result in 6.5 acres less surface disturbance than if Coterra must develop the acreage using standard units. If Coterra's NSU application is approved, that would eliminate the need to build two additional central tank batteries which reduces permitted fugitive VOC emissions, spill risk, and low-pressure flaring. In addition, total capital costs would be significantly reduced because less infrastructure would be required to operate the single, non-standard unit.

¹ Each of the existing wells is each currently dedicated to a 320-acre horizontal spacing unit. Coterra's goal is to combine the three approximately 320-acre horizontal spacing units into a single approximately 960-acre, more or less, spacing unit.

In my opinion, approval of the NSU is in the best interest of conservation, prevention of waste, and protection of correlative rights.

Thank you for your consideration. Should you have any questions please contact me at Eddie.Behm@coterra.com or (432) 571-7865.

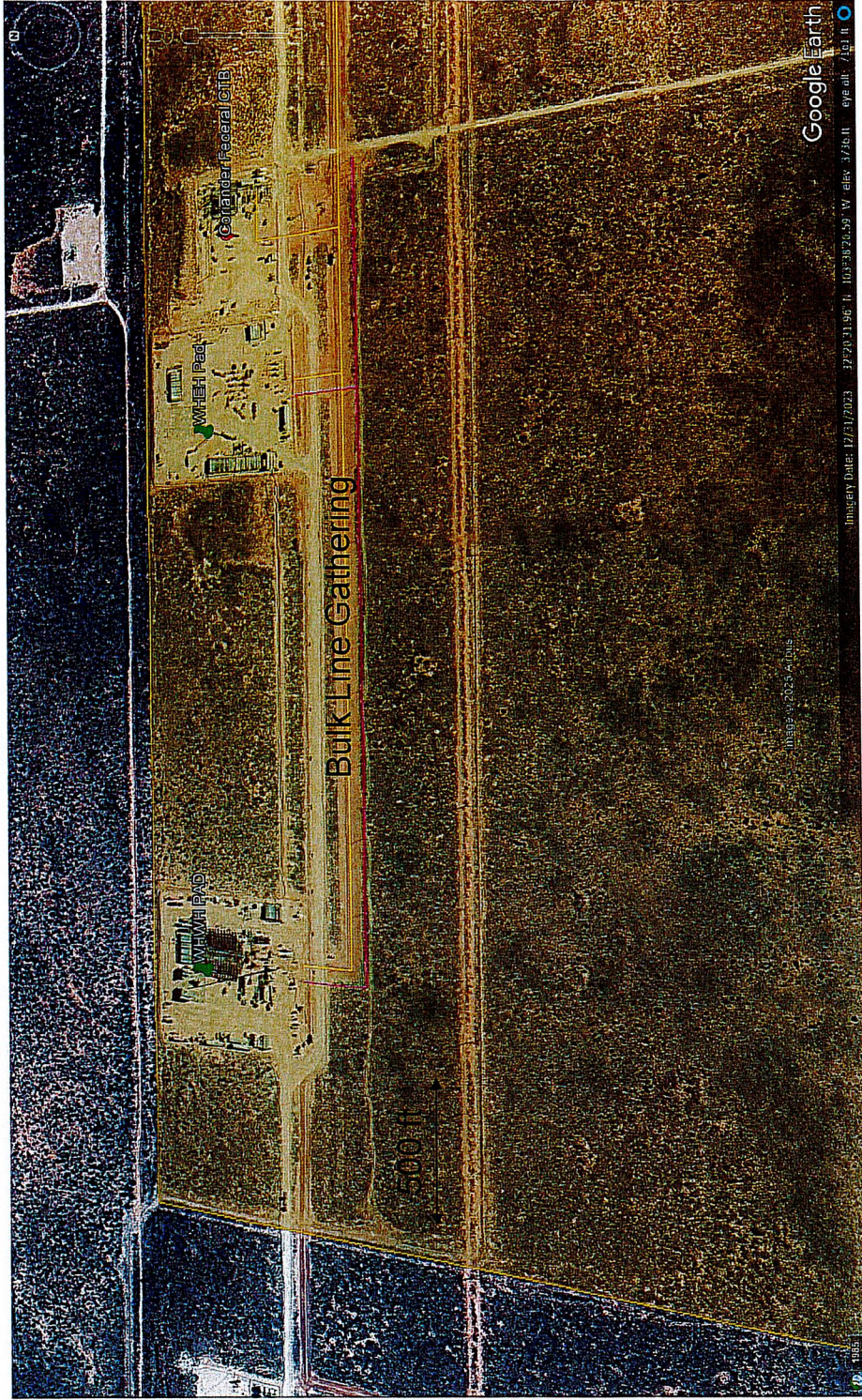
Sincerely,

A handwritten signature in black ink, appearing to read "Eddie Behm", with a long horizontal flourish extending to the right.

Eddie Behm
Reservoir Engineer
Coterra Energy Operating Co.

Surface Disturbance – Non-Standard Spacing Unit C-1A 

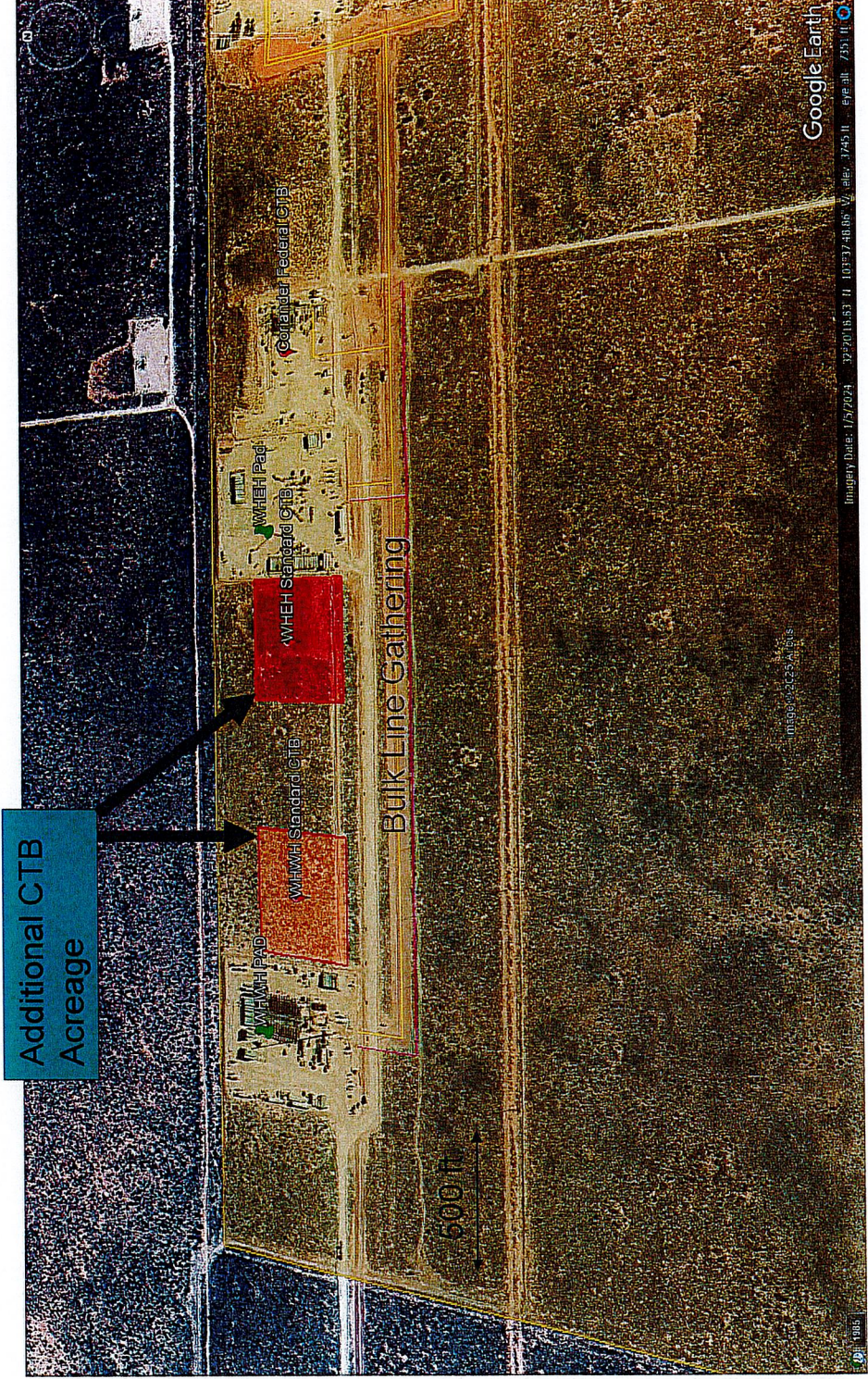
- Single Coriander
Federal Central Tank
Battery CTB gathers
3 standard spacing
units.



Surface Disturbance – Standard Spacing Unit C-1B



- Additional Construction of 1 3.25 acre CTB / 320 acre spacing unit = 6.5 acres of additional disturbance



Environmental and Capital Savings C-2



Scenario	Design Basis per CTB (BOPD)	CTB Capital + CTRA pipelines (\$M)	CTB and Pipeline (Acres)
Non-Standard Spacing Unit (C1-A)	20,000	\$11,600	7.75
Standard Spacing Unit (C1-B)	20,000	\$21,600	14.25
Savings		\$10,000	6.5

- Approval of a non-standard unit will allow consolidation of all production into a single facility and will eliminate the need to build an additional 440' x 350' central tank battery. Elimination of the additional central tank battery effectively cuts permitted fugitive VOC emissions, spill risk, and LP flares in half.

Notice Materials
Including Map of Offset
Parties
Exhibit D

Notice Materials
Including Map of Offset
Parties
Exhibit D



MODRALL SPERLING
LAWYERS

April 25, 2025

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Application of Coterra Energy Operating Co. for administrative approval of a 959.25-acre, more or less, nonstandard spacing unit in the Bone Spring formation comprised of L2, L3, L4, S2/NW, SW/NE, SW, W2/SE of Section 1, and W3/4 of Section 12, Township 23 South, Range 32 East, Lea County, New Mexico.

Dear Sir or Madam:

Enclosed is a copy of the above referenced application filed with the New Mexico Conservation Division on this date. Any objections that you have to this application must be filed in writing with the New Mexico Oil Conservation Division, 1220 South St. Francis Drive, Santa Fe, New Mexico 87505, within twenty (20) days from the date the Division receives the above-referenced applications. If no objection is received within this twenty-day period, the applications may be approved administratively by the Division.

If you have any questions concerning these applications, please contact:

Eddie Behm
Reservoir Engineer
Coterra Energy Inc.
Eddie.Behm@coterra.com

Sincerely,

Deana M. Bennett
*Attorney for Coterra Energy
Operating Co.*

Modrall Sperling
Roehl Harris & Sisk P.A.

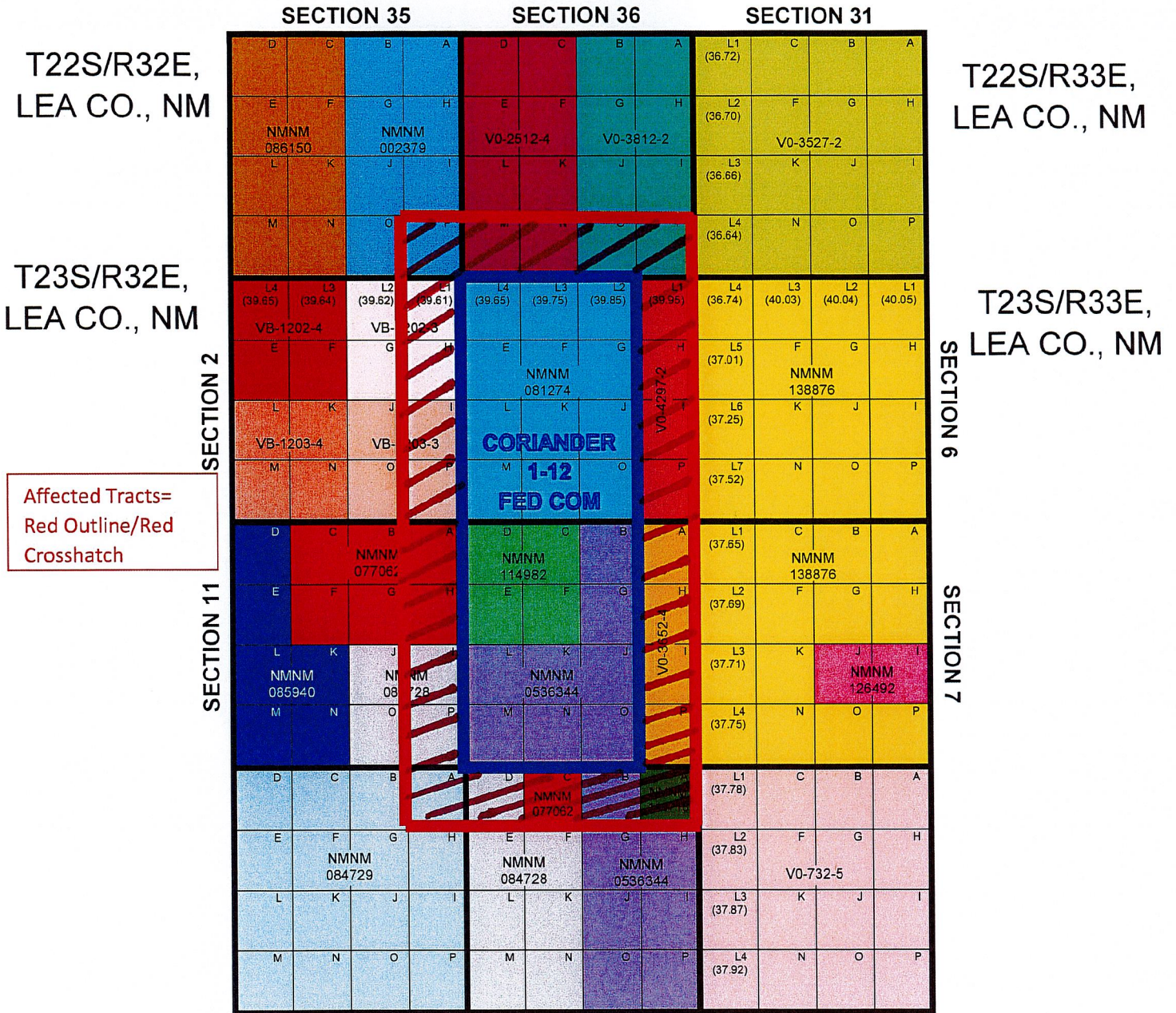
500 Fourth Street NW
Suite 1000
Albuquerque,
New Mexico 87102

PO Box 2168
Albuquerque,
New Mexico 87103-2168

Tel: 505.848.1800
www.modrall.com

Coriander 1-12 Fed Com Area

Offset Ownership



Affected Tracts=
Red Outline/Red
Crosshatch

T22S/R32E	
Section 35 Operator:	OXY USA Inc. (16696)
Section 36 Operator:	OXY USA Inc. (16696)
T23S/R32E	
E2/E2 Section 1 Operator:	Coterra Energy Operating Co. (215099)
Section 2 Operator:	COG Operating LLC (229137) Marathon Oil Permian LLC (372098)
Section 11 Operator:	COG Operating LLC (229137) Marathon Oil Permian LLC (372098)
E2/E2 Section 12 Operator:	Coterra Energy Operating Co. (215099)
Section 13 Operator:	Devon Energy Production Company, LP (6137) Earthstone Operating, LLC (331165)
Section 14 Operator:	COG Operating LLC (229137) Cimarex Energy Co. of Colorado (162683) Marathon Oil Permian LLC (372098)

Exhibit "D1"

Coriander 1-12 Fed Com Area

Offset Ownership – Notice Table

Offsetting Section:	Operator:	Working Interest Owner(s) – N/A if Coterra/Cimarex is NOT Operator	Address(es)	Notice Sent:
Section 35, T22S/R32E	OXY USA Inc. (16696)	N/A	OXY USA Inc 5 Greenway Plaza, Suite 110 Houston, Texas 77046	3/24/2025
Section 36, T22S/R32E	OXY USA Inc. (16696)	N/A	OXY USA Inc 5 Greenway Plaza, Suite 110 Houston, Texas 77046	3/24/2025
E2/E2 Section 1, T23S/R32E	Coterra Energy Operating Co. (215099)	Coterra Energy Operating Co. (100%)	Coterra Energy Operating Co. 6001 Deauville Blvd., Suite 300N Midland, TX 79706	N/A
Section 2, T23S/R32E	COG Operating LLC (229137)	N/A	COG Operating LLC 600 W. Illinois Ave Midland, TX 79701	3/24/2025
	Marathon Oil Permian LLC (372098)	N/A	Marathon Oil Permian LLC 990 Town & Country Blvd., Floor 11 Houston, TX 77024	3/24/2025
Section 11, T23S/R32E	COG Operating LLC (229137)	N/A	COG Operating LLC 600 W. Illinois Ave. Midland, TX 79701	3/24/2025
	Marathon Oil Permian LLC (372098)	N/A	Marathon Oil Permian LLC 990 Town & Country Blvd., Floor 11 Houston, TX 77024	3/24/2025
E2/E2 Section 12, T23S/R32E	Coterra Energy Operating Co. (215099)	Coterra Energy Operating Co. (100%)	Coterra Energy Operating Co 6001 Deauville Blvd., Suite 300N Midland, TX 79706	N/A
Section 13, T23S/R32E	Devon Energy Production Company, LP (6137)	N/A	Devon Energy Production Company, L.P. 333 West Sheridan Ave Oklahoma City, OK 73102	3/24/2025
	Earthstone Operating, LLC (331165)	N/A	Earthstone Operating, LLC 300 N. Maricopa St., Suite 1000 Midland, TX 79701	3/24/2025
Section 14, T23S/R32E	Cimarex Energy Co. of Colorado (162683) (Coterra Subsidiary)	Long LLC	Long LLC c/o Larry V. Lunt 4725 S. Holladay Blvd., Suite 220 Holladay, UT 84117	3/24/2025
		Strata Production Company	Strata Production Company 1301 N. Sycamore Ave. Roswell, NM 88201	3/24/2025
	COG Operating LLC (229137)	N/A	COG Operating LLC 600 W. Illinois Ave Midland, TX 79701	3/24/2025
	Marathon Oil Permian LLC (372098)	N/A	Marathon Oil Permian LLC 990 Town & Country Blvd., Floor 11 Houston, TX 77024	3/24/2025

Government Agency(ies) Receiving Notice:

Offsetting Mineral Ownership	Address(es)	Notice Sent
Federal (Sections 11, 13, 14, and 35)	Bureau of Land Management 301 Dinosaur Trail Santa Fe, NM 87508	3/24/2025
State (Sections 1, 2, 12, and 36)	New Mexico State Land Office P.O. Box 1148, Santa Fe, NM 87504	3/24/2025

Exhibit "D2"

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
 04/25/2025

Firm Mailing Book ID: 287707

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0134 5251 07	OXY USA Inc. 5 Greenway Plaza, Suite 110 Houston TX 77046	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
2	9314 8699 0430 0134 5251 14	COG Operating LLC 600 W. Illinois Ave. Midland TX 79701	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
3	9314 8699 0430 0134 5251 21	Marathon Oil Permian LLC 990 Town & Country Blvd., Floor 11 Houston TX 77024	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
4	9314 8699 0430 0134 5251 38	Devon Energy Production Company LP 333 West Sheridan Ave. Oklahoma City OK 73102	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
5	9314 8699 0430 0134 5251 45	Earthstone Operating LLC 300 N. Marienfeld St. Suite 1000 Midland TX 79701	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
6	9314 8699 0430 0134 5251 52	Long LLC c/o Larry V. Lunt 4725 S. Holladay Blvd., Suite 220 Hollada UT 84117	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
7	9314 8699 0430 0134 5251 76	Strata Production Company 1301 N. Sycamore Ave. Roswell NM 88201	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
8	9314 8699 0430 0134 5251 83	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
9	9314 8699 0430 0134 5251 90	New Mexico State Land Office PO Box 1148 Santa Fe NM 87504	\$2.87	\$4.85	\$2.62	\$0.00	11522.0003.corian Notice
Totals:			\$25.83	\$43.65	\$23.58	\$0.00	
Grand Total:						\$93.06	

List Number of Pieces Listed by Sender Total Number of Pieces Received at Post Office Postmaster: Name of receiving employee Dated:

9

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 461195

CONDITIONS

Operator: Coterra Energy Operating Co. 6001 Deauville Blvd Midland, TX 79706	OGRID: 215099
	Action Number: 461195
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	None	5/19/2025