

NSP - 2145

Revised March 23, 2017

ID NO. 159364

RECEIVED:	REVIEWER:	TYPE:	APP NO: pLEL2230151637
-----------	-----------	-------	-------------------------------

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: Cimarex Energy Co. **OGRID Number:** 215099
Well Name: Red Hills 32-5 Fed Com Area **API:** Various
Pool: WC-025 G-08 S253235G; LWR Bone Spring **Pool Code:** 97903

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

- ☐ Notice Complete
☐ 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

10/31/2022 (revision of 10/27/2022)

Date

505-848-1834

Phone Number

deana.bennett@modrall.com

e-mail Address



MODRALL SPERLING

L A W Y E R S

VIA ELECTRONIC FILING

October 27, 2022

Revised October 31, 2022¹

Director Adrienne Sandoval and OCD Engineering Bureau
 Oil Conservation Division
 Energy, Minerals and
 Natural Resources Department
 1220 South Saint Francis Drive
 Santa Fe, New Mexico 87505

Earl E. DeBrine
 505.848.1810
 edebrine@modrall.com

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

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

Dear Director Sandoval/OCD Engineering Bureau:

Pursuant to Rule 19.15.16.15(B)(5) NMAC, Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, is seeking administrative approval of a 1280-acre, more or less, non-standard spacing unit ("NSU") for its Red Hills 32-5 Fed Com wells listed below (the "Wells"). Cimarex is requesting this NSU to match the corresponding proposed Communitization Agreement for the acreage underlying Section 32, Township 25 South, Range 33 East, and Section 5, Township 26 South, Range 33 East, NMPM, Lea County, New Mexico. The only pool within the Bone Spring formation underlying the proposed non-standard spacing unit is WC-025 G-08 S253235G; LWR BONE SPRING (Code 97903), which follows the statewide spacing rules. Within the proposed non-standard spacing unit, Cimarex intends to drill the following Wells within the Bone Spring formation:

<u>Well Name</u>	<u>API</u>
Red Hills 32-5 Fed Com 128H	(30-025-50207)
Red Hills 32-5 Fed Com 129H	(30-025-50323)
Red Hills 32-5 Fed Com 132H	(30-025-50749)
Red Hills 32-5 Fed Com 133H	(30-025-PENDING)
Red Hills 32-5 Fed Com 158H	(30-025-50208)

¹ Revised to include additional offsetting acreage and notice parties only. Revisions identified in bold and italics.

Modrall Sperling
 Roehl Harris & Sisk P.A.

500 Fourth Street NW
 Suite 1000
 Albuquerque,
 New Mexico 87102

PO Box 2168
 Albuquerque,
 New Mexico 87103-2168

Tel: 505.848.1800
 www.modrall.com

Page 2

Red Hills 32-5 Fed Com 159H (30-025-50209)
Red Hills 32-5 Fed Com 160H (30-025-50210)
Red Hills 32-5 Fed Com 161H (30-025-50750)

C-102s for each well are attached hereto as **Exhibit A**. Each well will comply with the statewide setback requirements for the non-standard spacing unit.

In addition, the NSU will include two existing Bone Spring wells, which are the Red Hills 32-5 Fed Com 157H (API 30-025-46326) and Red Hill 32-5 Fed Com 156H (API 30-025-46295).

Cimarex's drilling program for this area will develop the Bone Spring formation underlying each of the 40-acre tracts comprising the proposed non-standard spacing unit area. Cimarex seeks administrative approval of this non-standard spacing unit to match the pending Communitization Agreement to provide for efficient development and to minimize surface disturbance by consolidating facilities and commingling production from existing and future 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.

A tract map of is attached hereto as **Exhibit B**. Also included in Exhibit B is a map comparing and contrasting the standard versus non-standard unit scenario, a tract map showing the approximate Well locations, and a list of the Wells.

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 standard, unit. Exhibit C includes three attachments that compare and contrast the standard versus non-standard unit scenario.

Cimarex is providing notice to all affected parties in the tracts that adjoin the proposed non-standard spacing unit, and the New Mexico State Land Office and the Bureau of Land Management. A *revised* chart identifying the offset affected parties, as well as 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,



Earl E. DeBrine
Deana M. Bennett
*Attorneys for Cimarex
Energy Co.*

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 30-025-50207	² Pool Code 97903	³ Pool Name WC-025 G-08 S253235G;LWR BONE SPRING
⁴ Property Code	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 128H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3396.2'

Surface Location

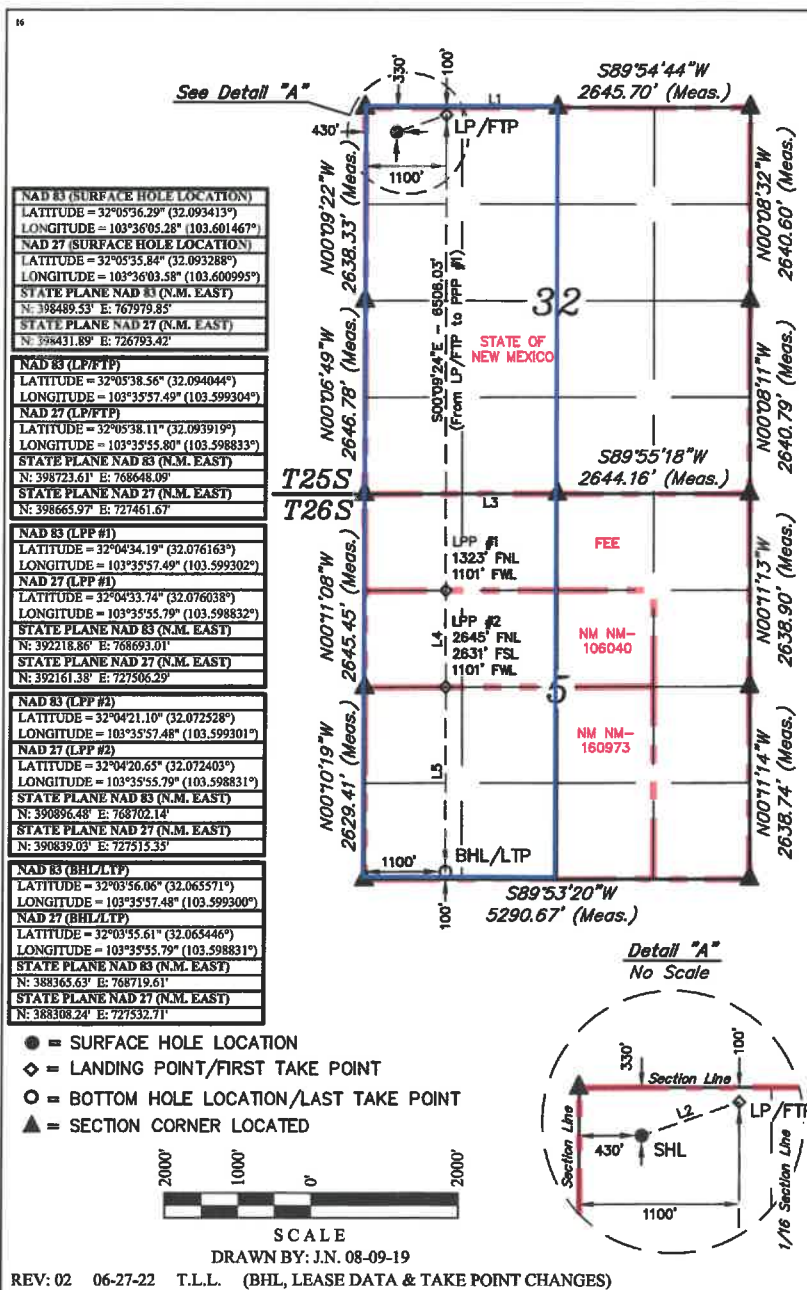
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Ida	Feet from the 330	North/South line NORTH	Feet from the 430	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Ida	Feet from the 100	North/South line SOUTH	Feet from the 1100	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹² Dedicated Acres 640	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.

Ashley Bergen 09/06/22
Signature Date

ASHLEY BERGEN
Printed Name
ashley.bergen@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.

May 01, 2018
Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
2382
06-27-22
PROFESSIONAL SURVEYOR

Certificate Number:

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)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°53'08"W	2643.77'
L2	N70°56'01"E	708.18'
L3	S89°47'46"W	2645.73'
L4	S00°09'24"E	1322.65'
L5	S00°09'24"E	2531.35'

EXHIBIT

A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos 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 30-025-50323	² Pool Code 97903	³ Pool Name WC-025 G-08 S253235G; LWR BONE SPRING
⁴ Property Code	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 129H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3396.1'

¹⁰ Surface Location

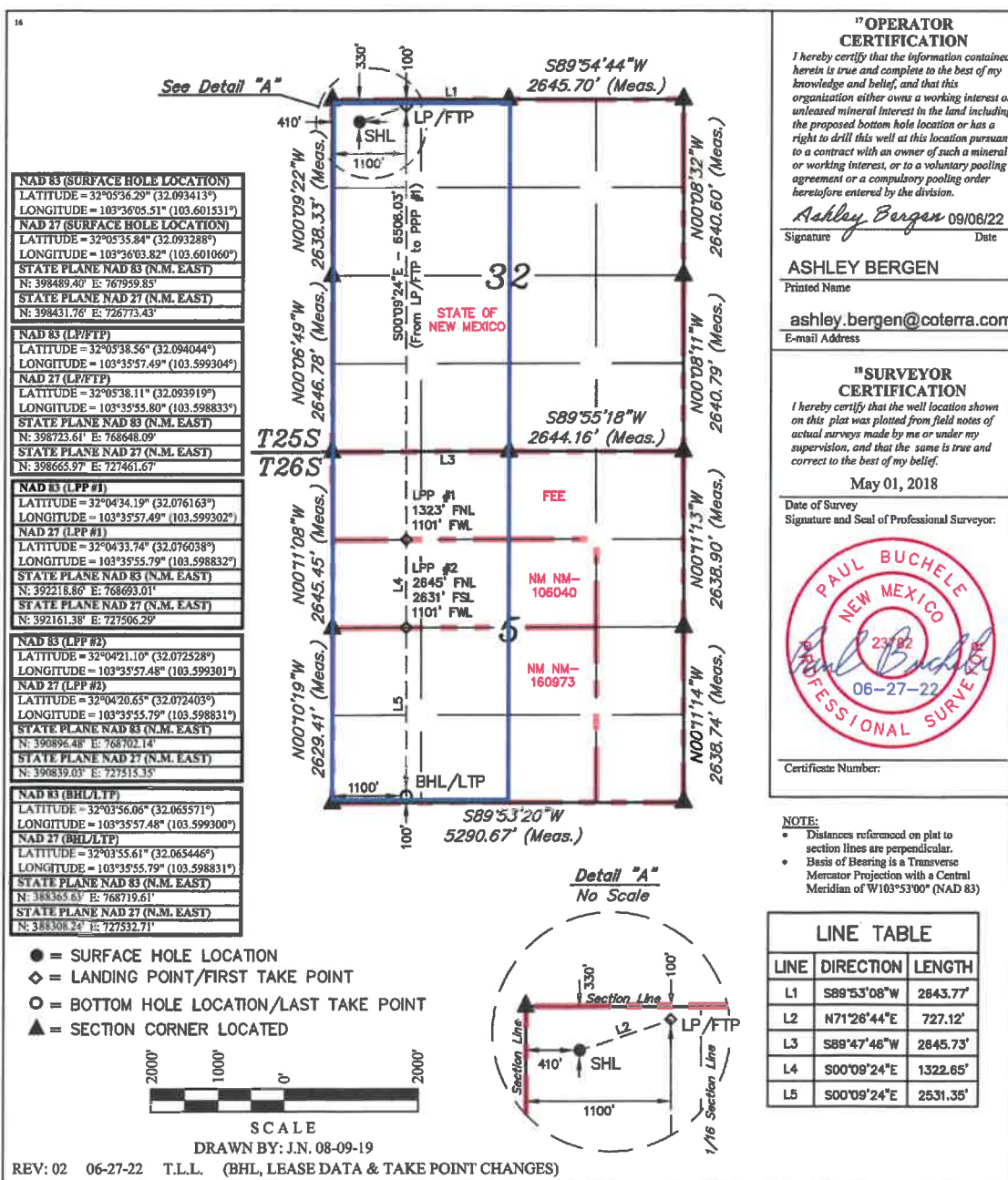
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 410	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1100	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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



17 OPERATOR CERTIFICATION

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

Ashley Bergen 09/06/22
Signature Date

ASHLEY BERGEN

Printed Name

ashley.bergen@coterra.com
E-mail Address

18 SURVEYOR CERTIFICATION

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

May 01, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

- 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)

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
611 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Arriba Road, Amos, 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

Correct Operator

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025-50749	97994	WC-025 G-06 S253329D; UPR Bone Spring
330240	RED HILLS 32-S Federal Com	Well Number 132H
215099	CIMAREX ENERGY Company	Elevation 3396.0'

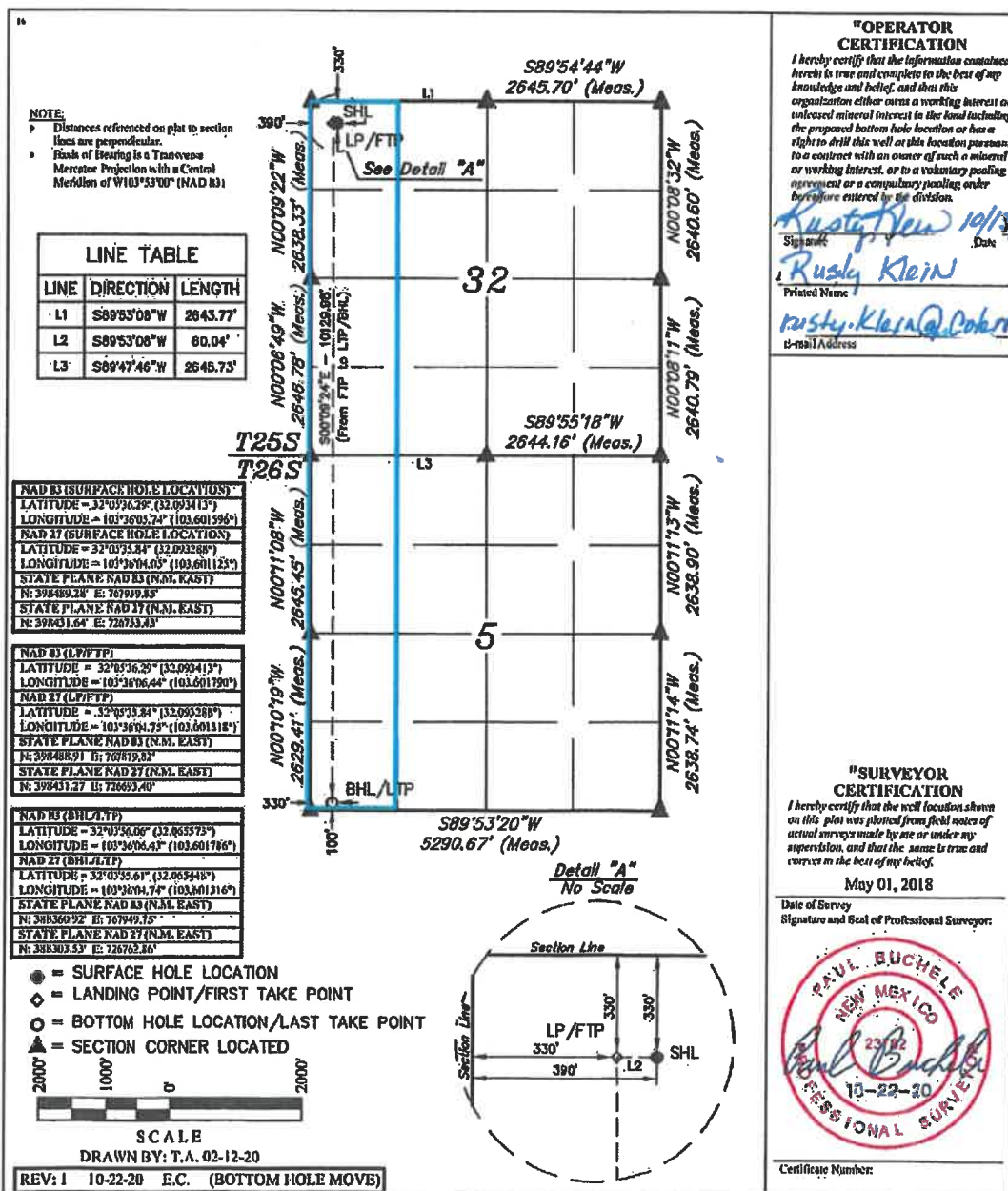
Surface Location

UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 390	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
Dedicated Acres 320	Joint or Infill	Consolidation Code	Order No.						

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



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

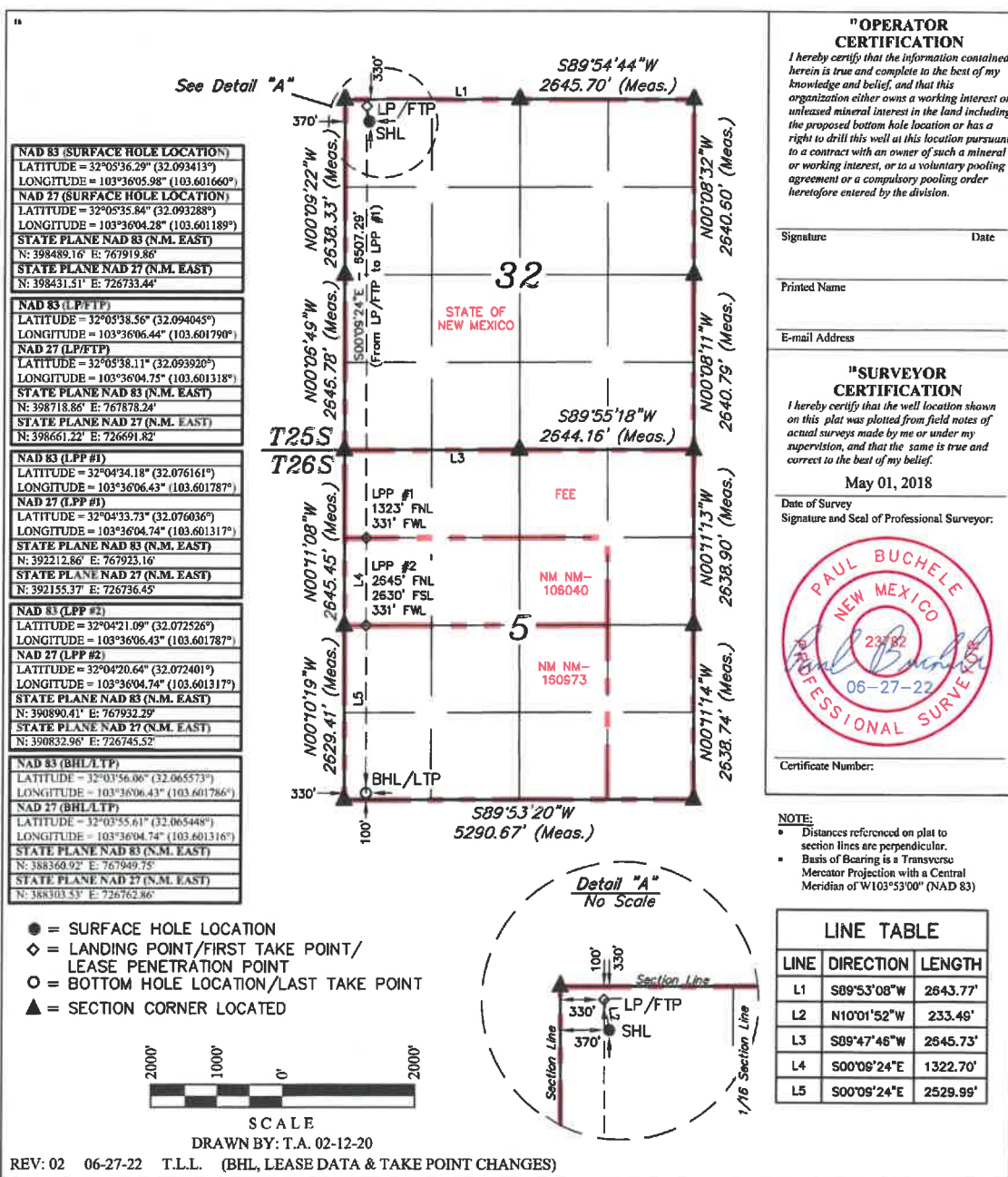
1 API Number	2 Pool Code	3 Pool Name
4 Property Code	5 Property Name	6 Well Number
7 OGRID No.	8 Operator Name	9 Elevation
	RED HILLS 32-5 FED COM	133H
	CIMAREX ENERGY CO.	3395.9'

10 Surface Location									
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 370	East/West line WEST	County LEA

11 Bottom Hole Location If Different From Surface									
U/L or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	26S	33E		100	SOUTH	330	WEST	LEA

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

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



District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Huerfano 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 30-025-50208	² Pool Code 97903	³ Property Name WC-025; G-08 S253235G; Lower Bone Spring	⁴ Well Number 158H
⁵ Property Code 330240	⁶ Operator Name RED HILLS 32-5 FED COM		⁷ Elevation 3409.1'
⁸ UGRIID No. 215099	CIMAREX ENERGY CO.		

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2305	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
O	5	26S	33E		100	SOUTH	2017	EAST	LEA
¹² Dedicated Acres 1280	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°05'36.27" (32.093410°) LONGITUDE = 103°35'43.49" (103.595413°) NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°05'35.83" (32.093285°) LONGITUDE = 103°35'41.79" (103.594942°) STATE PLANE NAD 83 (N.M. EAST) N: 396301.09' E: 708854.40' STATE PLANE NAD 27 (N.M. EAST) N: 396443.46' E: 726668.05' NAD 83 (LPP #1) LATITUDE = 32°05'36.54" (32.094039°) LONGITUDE = 103°35'32.24" (103.592390°) NAD 27 (LPP #1) LATITUDE = 32°05'36.09" (32.093914°) LONGITUDE = 103°35'30.55" (103.591819°) STATE PLANE NAD 83 (N.M. EAST) N: 396736.72' E: 708820.12' STATE PLANE NAD 27 (N.M. EAST) N: 396679.08' E: 726633.68' NAD 83 (LPP #2) LATITUDE = 32°04'34.20" (32.076167°) LONGITUDE = 103°35'32.23" (103.592287°) NAD 27 (LPP #2) LATITUDE = 32°04'33.75" (32.076042°) LONGITUDE = 103°35'30.54" (103.591817°) STATE PLANE NAD 83 (N.M. EAST) N: 397235.13' E: 708665.77' STATE PLANE NAD 27 (N.M. EAST) N: 397177.66' E: 726679.02' NAD 83 (LPP #3) LATITUDE = 32°04'21.12" (32.072514°) LONGITUDE = 103°35'32.23" (103.592286°) NAD 27 (LPP #3) LATITUDE = 32°04'20.67" (32.072409°) LONGITUDE = 103°35'30.54" (103.591817°) STATE PLANE NAD 83 (N.M. EAST) N: 396913.59' E: 708773.04' STATE PLANE NAD 27 (N.M. EAST) N: 396856.15' E: 726688.24' NAD 83 (BHL/LTP) LATITUDE = 32°03'36.04" (32.065507°) LONGITUDE = 103°35'32.23" (103.592285°) NAD 27 (BHL/LTP) LATITUDE = 32°03'35.59" (32.065442°) LONGITUDE = 103°35'30.54" (103.591816°) STATE PLANE NAD 83 (N.M. EAST) N: 388378.91' E: 70892.83' STATE PLANE NAD 27 (N.M. EAST) N: 388321.53' E: 726705.01'		"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 with the division. Signature: <i>Rusty Klein</i> Date: <i>9/2/22</i> Printed Name: Rusty Klein E-mail Address: rusty.klein@coterra.com
---	--	--

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°54'44"W	2645.70'
L2	N78°31'34"E	994.14'
L3	S00°09'48"E	1321.80'
L4	S00°09'48"E	2535.18'

● = SURFACE HOLE LOCATION
◆ = LANDING POINT/FIRST TAKE POINT/
LEASE PENETRATION POINT
○ = BOTTOM HOLE LOCATION
/ = LAST TAKE POINT
▲ = SECTION CORNER LOCATED

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"

SCALE
DRAWN BY: J.A. 08-09-19
REV: 3 D.M.C. 06-27-22
(FTP, BHL CHANGES & ADDED
LEASE CROSSINGS)

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

May 01, 2018
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Maroon 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

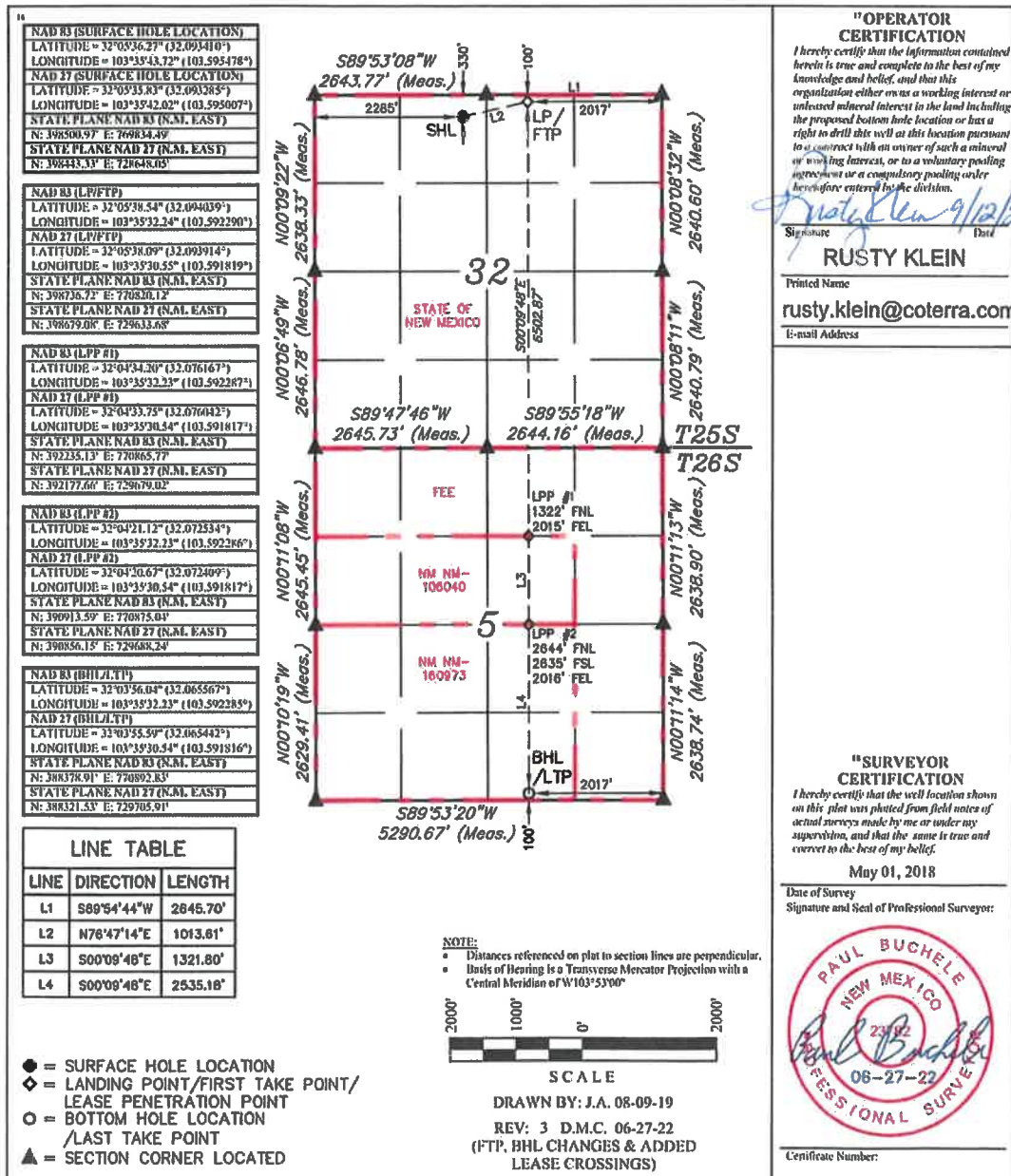
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-50209	² Pool Code 97903	³ Pool Name WC-025; G-08 S253235G; Lower Bone Spring
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 159H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3409.0'

"Surface Location"									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2285	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
O	5	26S	33E		100	SOUTH	2017	EAST	LEA
¹¹ Dedicated Acres 1280	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.						

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



District I

1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-6720

District II

811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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) 476-3462State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-20510	² Pool Code 97903	³ Pool Name WC-025; G-08 S253235G; LOWER BONE SPRINGS
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 160H
⁷ OGBID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3408.9'

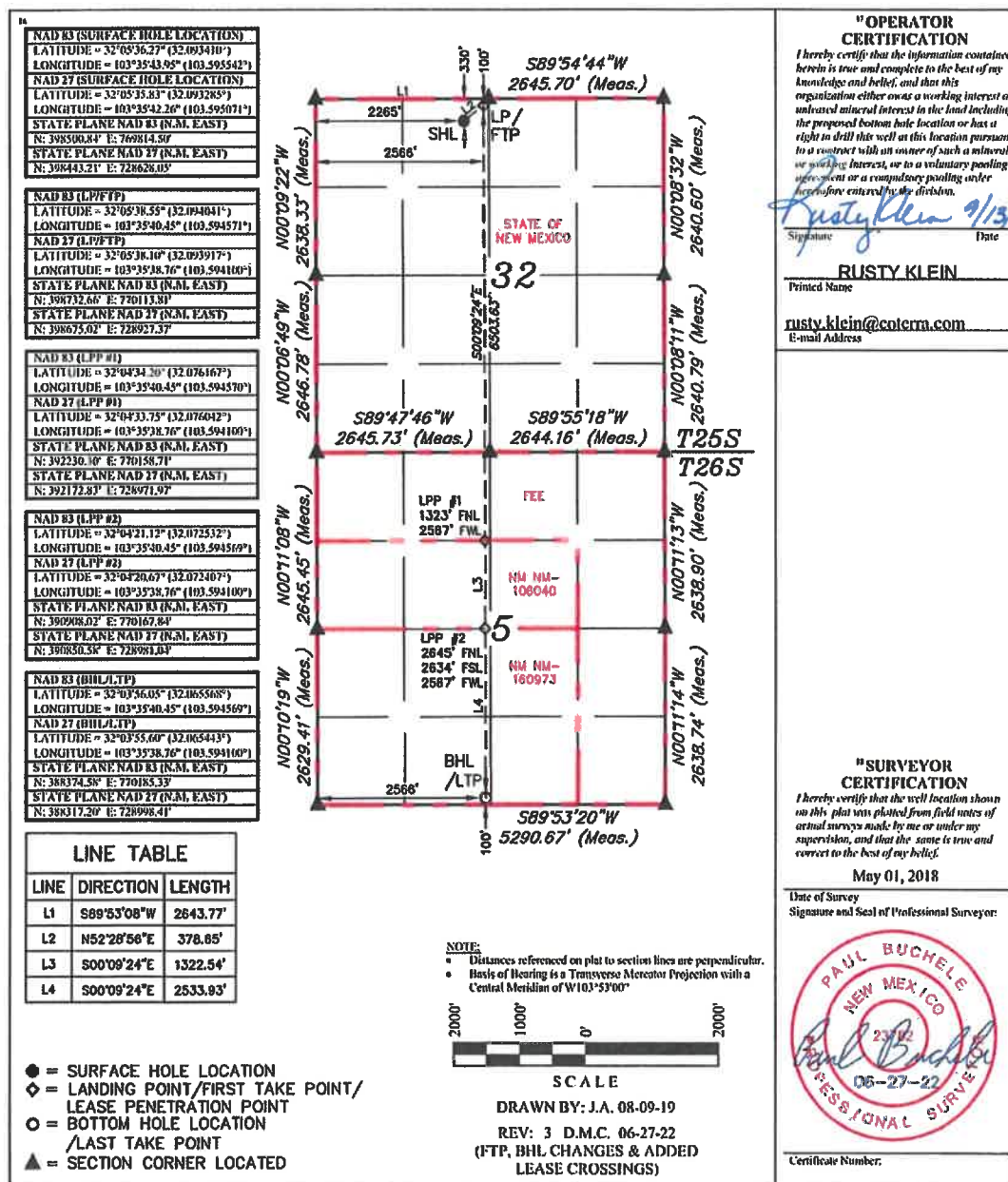
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2265	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
N	5	26S	33E		100	SOUTH	2566	WEST	LEA
¹⁰ Dedicated Acres 1280	¹¹ Joint 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.



District I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
111 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1230 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 30-023-50750	² Pool Code 97994	³ Pool Name WC-025; G-06 S253329D; Bone Spring
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 16111
⁷ GRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3408.8

"Surface Location

UL or lot no. C	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2245	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

"Bottom Hole Location If Different From Surface

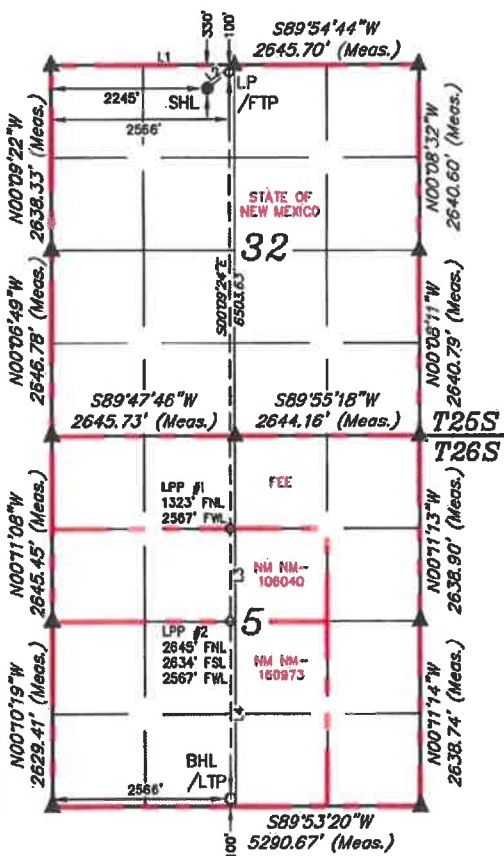
UL or lot no. N	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 2566	East/West line WEST	County LEA
¹⁰ D. 1280	¹¹ Joint or Infill	¹² Consolidation Code Will be communitized	¹³ Order No.						

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.

NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°05'36.28" (32.093410°) LONGITUDE = 103°35'44.18" (103.595607°) NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°05'35.83" (32.093385°) LONGITUDE = 103°35'42.49" (103.595136°) STATE PLANE NAD 83 (N.M. EAST) N: 398560.72' E: 769794.50' STATE PLANE NAD 27 (N.M. EAST) N: 398443.69' E: 728608.06'
NAD 83 (LPP #1) LATITUDE = 32°05'38.55" (32.094041°) LONGITUDE = 103°35'40.45" (103.594571°) NAD 27 (LPP #1) LATITUDE = 32°05'38.10" (32.093917°) LONGITUDE = 103°35'38.76" (103.594100°) STATE PLANE NAD 83 (N.M. EAST) N: 398732.46' E: 770113.31' STATE PLANE NAD 27 (N.M. EAST) N: 398673.02' E: 728927.37'
NAD 83 (LPP #2) LATITUDE = 32°05'34.20" (32.076167°) LONGITUDE = 103°35'40.45" (103.594570°) NAD 27 (LPP #2) LATITUDE = 32°05'33.75" (32.076042°) LONGITUDE = 103°35'38.76" (103.594100°) STATE PLANE NAD 83 (N.M. EAST) N: 392230.30' E: 770156.71' STATE PLANE NAD 27 (N.M. EAST) N: 392172.83' E: 728971.97'
NAD 83 (LPP #3) LATITUDE = 32°04'21.12" (32.072332°) LONGITUDE = 103°35'40.45" (103.594569°) NAD 27 (LPP #3) LATITUDE = 32°04'20.67" (32.072407°) LONGITUDE = 103°35'38.76" (103.594100°) STATE PLANE NAD 83 (N.M. EAST) N: 396908.02' E: 770167.84' STATE PLANE NAD 27 (N.M. EAST) N: 396850.58' E: 728981.64'
NAD 83 (BHL/LTP) LATITUDE = 32°05'56.05" (32.098348°) LONGITUDE = 103°35'40.45" (103.594569°) NAD 27 (BHL/LTP) LATITUDE = 32°05'55.60" (32.098343°) LONGITUDE = 103°35'38.76" (103.594100°) STATE PLANE NAD 83 (N.M. EAST) N: 398374.58' E: 770185.13' STATE PLANE NAD 27 (N.M. EAST) N: 398317.20' E: 728996.41'

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S89°53'08"W	2643.77'
L2	N54°14'45"E	394.72'
L3	S00°09'24"E	1322.54'
L4	S00°09'24"E	2533.93'

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



NOTE:
• Distances referenced on plat to section lines are perpendicular.
• Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°37'00" (NAD83)



SCALE
DRAWN BY: T.A. 02-12-20
REV: 2 09-08-22 Z.T.
(LPP/FTP & LTP/BHL CHANGE)

"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 an 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 hereinafter approved by the division.

Rusty Klein 10-19-2022
Signature Date

RUSTY KLEIN

Printed Name

rusty.klein@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.

May 01, 2018

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number:

Red Hills 32-5 Fed Com Area

Proposed Non-Standard Horizontal Spacing Unit
Section 32, T25S-R33E: All
Section 5, T26S-R33E: All
1280.00 Acres

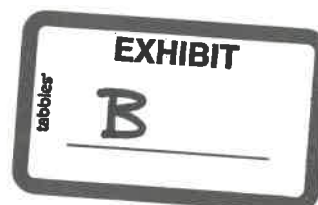
Tract 1:
K014591
(State)

Tract 2:
Fee Leases
(16)

Tract 3:
NM0106040A
(Fed)

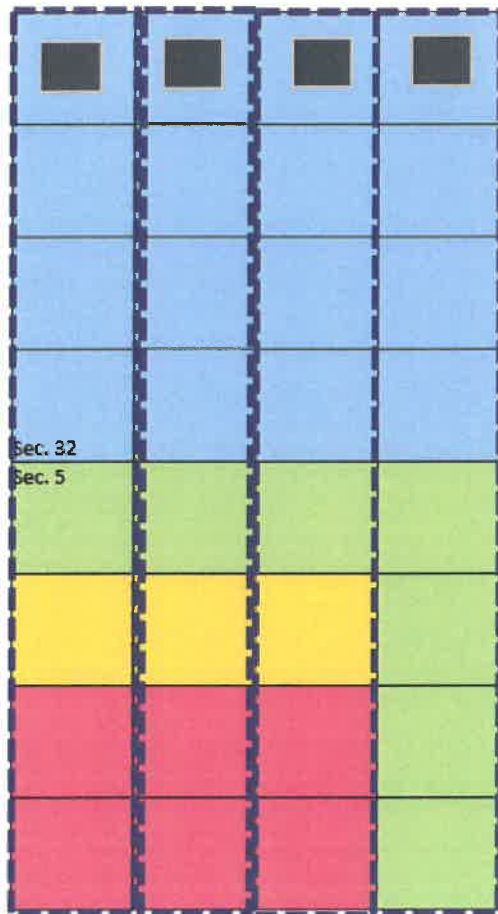
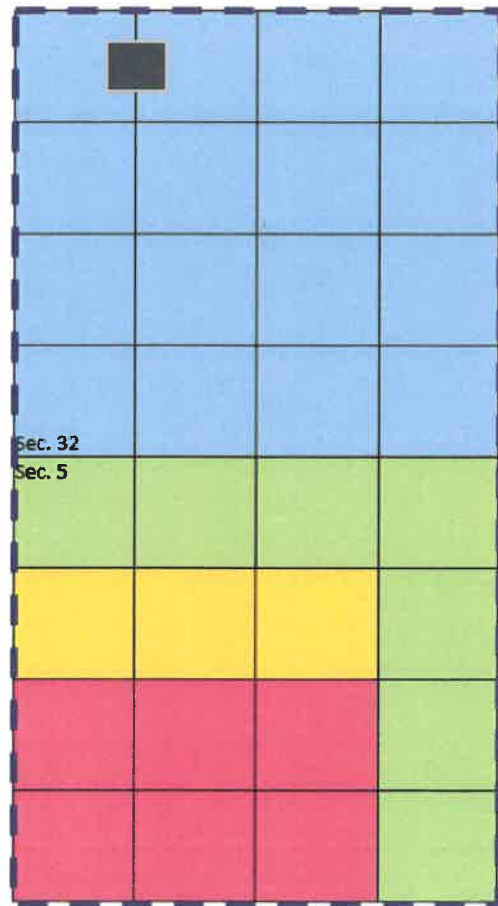
Tract 4:
NM0160973
(Fed)

Sec. 32			
Sec. 5			



Red Hills 32-5 Fed Com Area

Standard Spacing Unit Versus Non-Standard Spacing Unit

Standard**Non-Standard**

Tract 1:
K014591
(State)

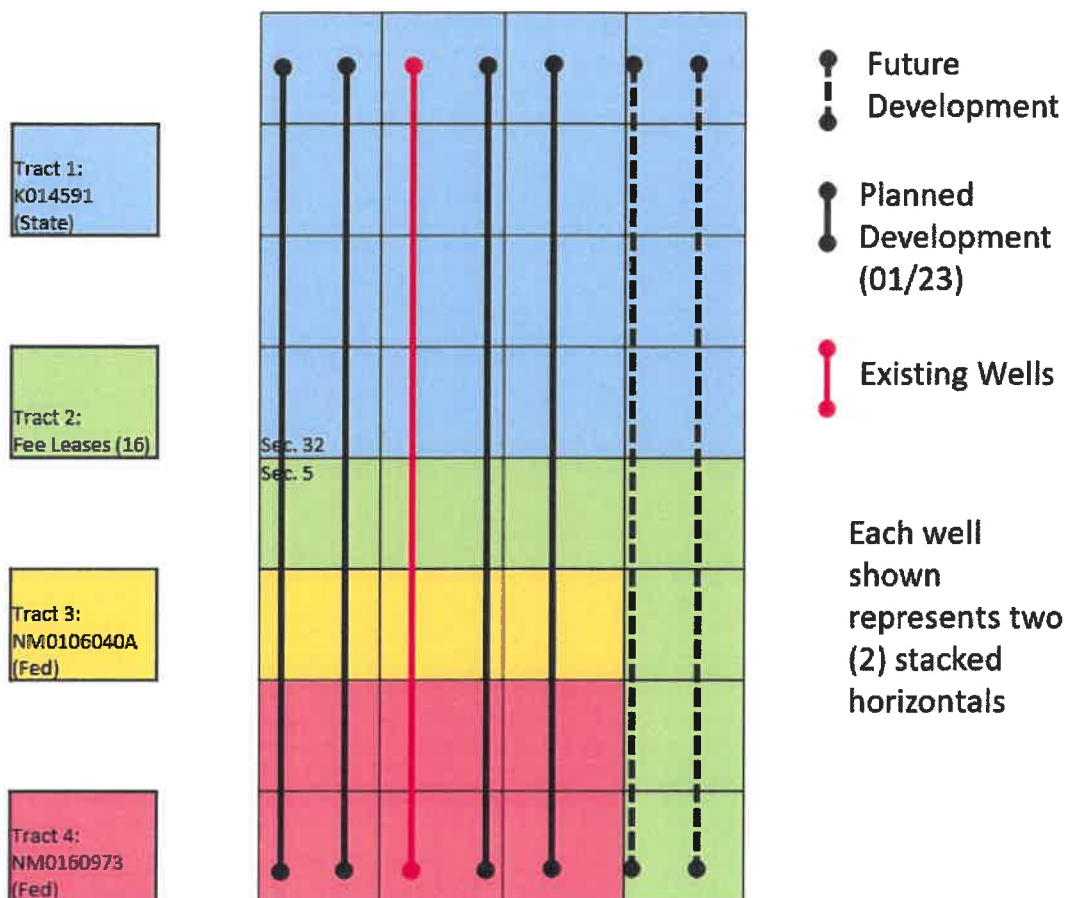
Tract 2:
Fee Leases (16)

Tract 3:
NM0106040A
(Fed)

Tract 4:
NM0160973
(Fed)

Red Hills 32-5 Fed Com Area

Bone Spring Development



Red Hills 32-5 Fed Com Area**Well List with Pool Code****Lower Bone Spring:****Pool Code: 97903; WC-025 G-08 S253235G; Lower Bone Spring**

Red Hills 32-5 Fed Com 128H	(30-025-50207)	Proposed Well
Red Hills 32-5 Fed Com 129H	(30-025-50323)	Proposed Well
Red Hills 32-5 Fed Com 132H	(30-025-50749)	Proposed Well
Red Hills 32-5 Fed Com 133H	(30-025-PENDING)	Proposed Well
Red Hills 32-5 Fed Com 158H	(30-025-50208)	Proposed Well
Red Hills 32-5 Fed Com 159H	(30-025-50209)	Proposed Well
Red Hills 32-5 Fed Com 160H	(30-025-50210)	Proposed Well
Red Hills 32-5 Fed Com 161H	(30-025-50750)	Proposed Well
Red Hills 32-5 Fed Com 157H	(30-025-46326)	Existing
Red Hill 32-5 Fed Com 156H	(30-025-46295)	Existing



October 27, 2022

VIA E-FILING

Director Adrienne Sandoval and OCD Engineering Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

Dear Director Sandoval/OCD Engineering Bureau

Cimarex Energy Co., OGRID Number 215099, respectfully requests administrative approval of a 1280-acre, more or less, non-standard unit ("NSU") comprised of Section 32, Township 25 South, Range 33 East and Section 5, Township 26 South, Range 33 East, Lea County, New Mexico. The NSU would be dedicated to the following wells (the "Wells"):

<u>Well Name</u>	<u>API Number</u>
Red Hills 32-5 Fed Com 128H	(30-025-50207)
Red Hills 32-5 Fed Com 129H	(30-025-50323)
Red Hills 32-5 Fed Com 132H	(30-025-50749)
Red Hills 32-5 Fed Com 133H	(30-025-PENDING)
Red Hills 32-5 Fed Com 158H	(30-025-50208)
Red Hills 32-5 Fed Com 159H	(30-025-50209)
Red Hills 32-5 Fed Com 160H	(30-025-50210)
Red Hills 32-5 Fed Com 161H	(30-025-50750)

In addition, the NSU will include two existing Bone Spring wells, which are the Red Hills 32-5 Fed Com 157H (API 30-025-46326) and Red Hill 32-5 Fed Com 156H (API 30-025-46295).

The Wells will develop the Bone Spring formation, and the only pool within the Bone Spring formation underlying the proposed NSU is WC-025 G-08 S253235G; LWR BONE SPRING (Code 97903), which follows the statewide spacing rules. If Cimarex were to follow the state-wide rules, Cimarex would have to have four (4) 160-acre units to have standard units. In this NSU application, Cimarex seeks a single 1280-acre unit. Cimarex seeks the NSU to match the corresponding proposed Communitization Agreement.

Approval will allow Cimarex to use existing surface facilities, which will in turn reduce surface disturbance by consolidating roads, tanks, and pipelines. Cimarex already has existing flowlines, an



existing central tank battery, an existing road, and existing third-party takeaway facilities on this acreage. If Cimarex's NSU application is approved, the Wells would be able to utilize this existing infrastructure, eliminating any need for any further surface disturbances. In addition, approval of Cimarex' application promotes effective well spacing and will allow Cimarex to commingle production.

Conversely, if Cimarex' NSU application is not approved, Cimarex will need to construct additional flowlines, roads, an additional CTB, and will need additional third party takeaway facilities. I have included as Exhibits C-1 and C-2 slides showing that no additional facilities are needed for a non-standard unit (C-1) and the additional required infrastructure needed if Cimarex has to develop the Wells using standard spacing (C-2).

Exhibit C-3 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 25 acres less surface disturbance than if Cimarex has to develop the acreage using standard units. If Cimarex' NSU application is approved, that would eliminate the need to build an additional central tank battery, which effectively cuts permitted fugitive VOC emissions, spill risk, and flares in half. In addition, total capital costs would be significantly reduced because no additional infrastructure is required to operate the single, non-standard unit.

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

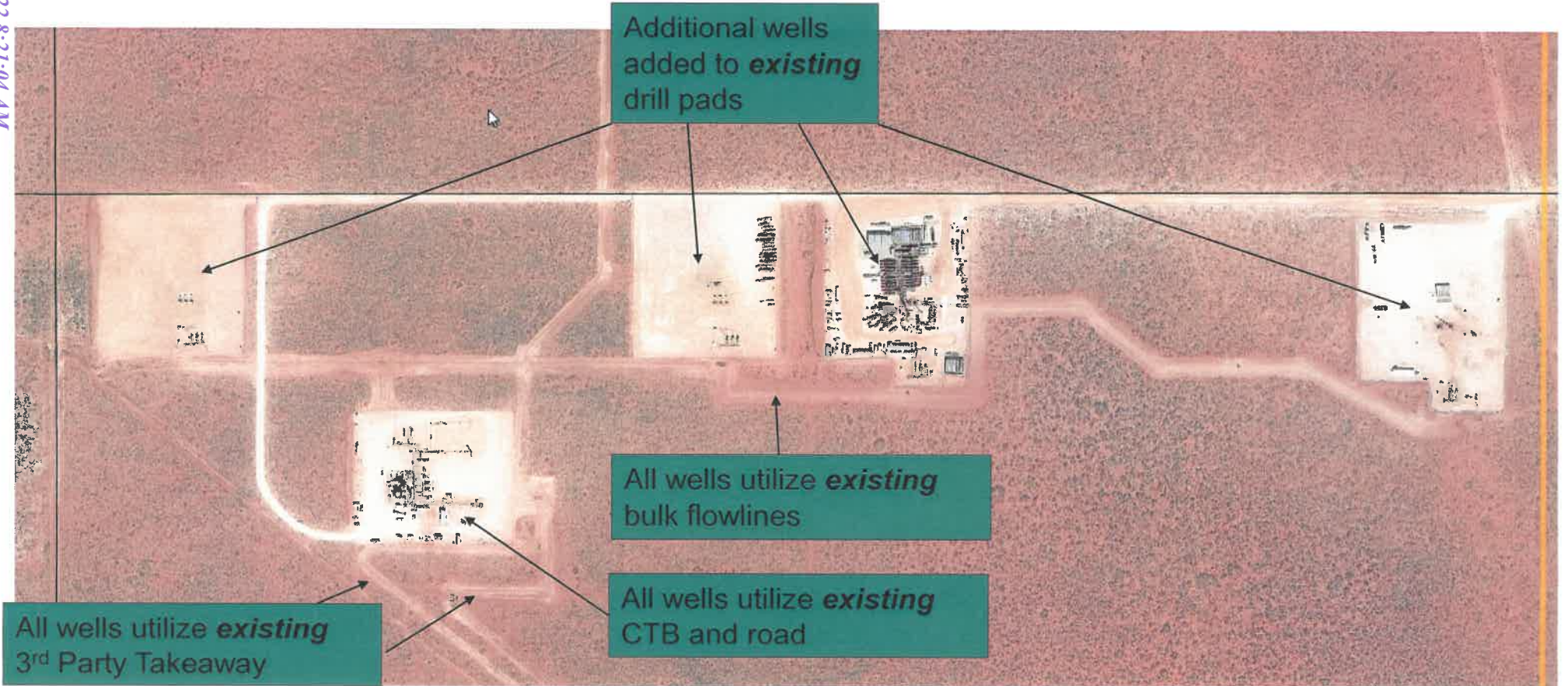
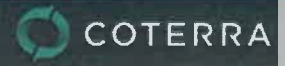
Thank you for your consideration. Should you have any questions please contact me at Eddie.Behm@coterra.com or (432) 571-7865.

Sincerely,

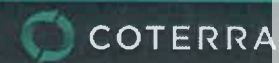


Eddie Behm
Reservoir Engineer
Cimarex Energy Co.

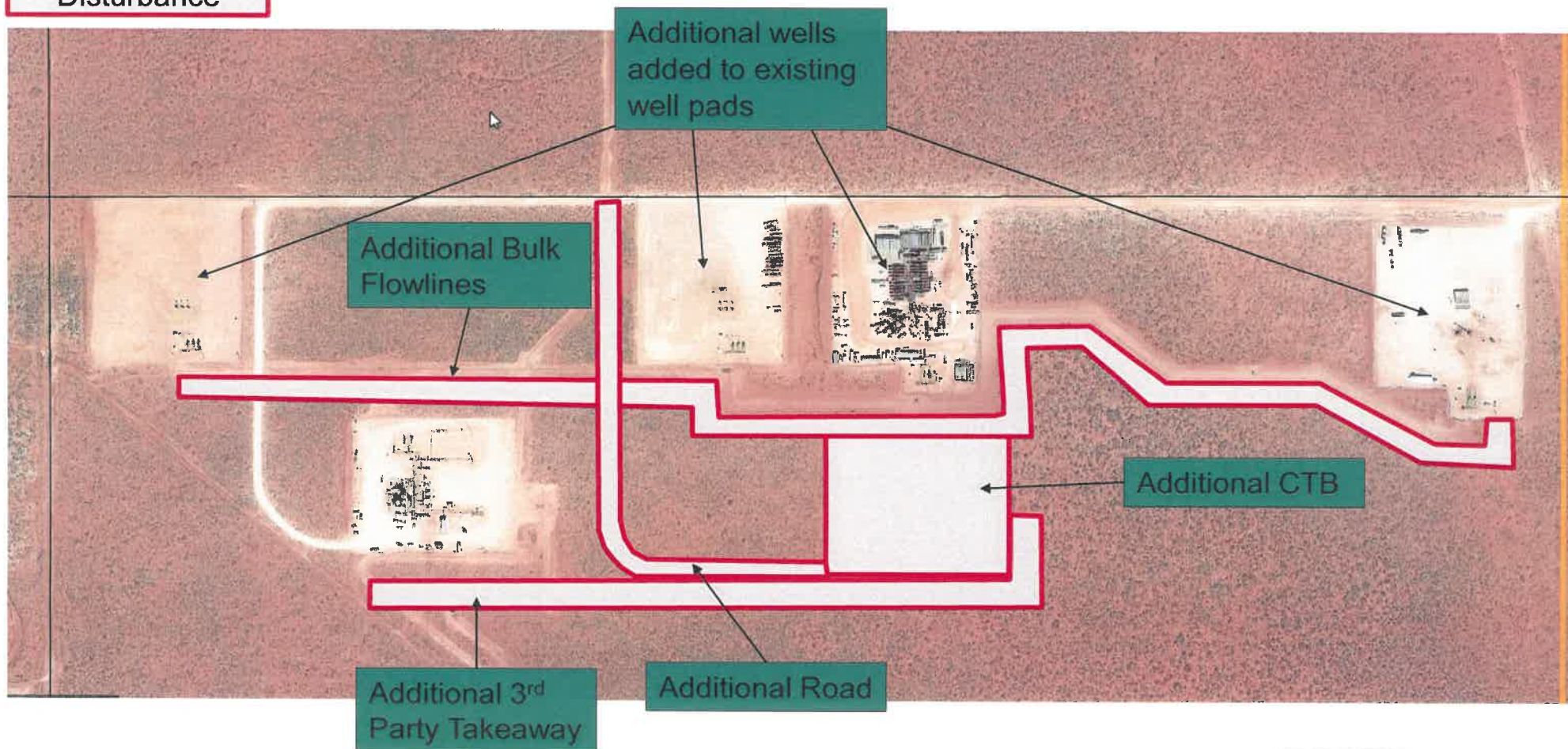
Surface Disturbance – Non-Standard Spacing Unit



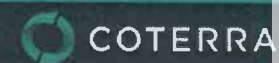
Surface Disturbance – Standard Spacing Unit



New Surface
Disturbance



Environmental and Capital Savings



Scenario	Design Basis per CTB (BOPD)	CTB/Equipment Cost (\$M)	Pipeline Cost (\$M)	Total Capital (\$M)	CTB and Pipeline Disturbance (Acres)
Standard Spacing Unit	35,000	\$10,230	\$3,220	\$13,450	25
Non-Standard Spacing Unit	35,000	\$4,200	-	\$4,200	0
Savings	-	\$6,030	\$3,220	\$9,250	25

- 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 central tank battery and flowlines. Elimination of the additional central tank battery effectively cuts permitted fugitive VOC emissions, spill risk, and flares in half.





October 31, 2022

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

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 application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Eddie Behm
Reservoir Engineer
Cimarex Energy Co.
Eddie.Behm@coterra.com
(432) 571-7865

Sincerely,


Deana M. Bennett
Attorney for Cimarex Energy 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





Tract Number on Offsetting Acreage Map	Offsetting Sections	Operator	WIOs If Needed N/A if Cimarex IS NOT operator	Date Notice Letter Sent
1	Section 28, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
2	Section 29, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
3	Section 30, T25S-R33E	EOG	N/A	10/31/2022
4	Section 31, T25S-R33E	Kaiser Francis	N/A	10/27/2022
5	Section 6, T26S-R33E	Kaiser Francis	N/A	10/27/2022
6	Section 7, T26S-R33E	BTA	N/A	10/31/2022
7	Section 8, T26S-R33E	ConocoPhillips	N/A	10/27/2022
8	Section 9, T26S-R33E	Mewbourne	N/A	10/31/2022
9	Section 4, T26S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022
10	Section 33, T25S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 10/27/2022

Firm Mailing Book ID: 235909

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0100 9725 91	Grasslands Energy LP attn: Traci Tucker 5128 Apache Plume Rd., Suite 300 Fort Worth TX 76109	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0100 9726 07	Richard Scott Briggs 1920 E. Riverside Dr., Suite A-120 #505 Austin TX 78741	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0100 9726 14	Finley Production Co. LP c/o Finley Resources Inc. Agent P.O. Box 2200 Fort Worth TX 76113	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
4	9314 8699 0430 0100 9726 21	Occidental Permian Limited Partnership Attn: Peter Van Liew 5 Greenway Plaza Houston TX 77046	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
5	9314 8699 0430 0100 9726 38	CXA Oil and Gas Holdings LP 1302 West Ave. Austin TX 78701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
6	9314 8699 0430 0100 9726 45	Devon Energy Production Company Attn: Land Department 333 W. Sheridan Ave. Oklahoma City OK 73102	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
7	9314 8699 0430 0100 9726 52	COG Operating LLC Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
8	9314 8699 0430 0100 9726 69	Concho Oil and Gas Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
9	9314 8699 0430 0100 9726 76	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
10	9314 8699 0430 0100 9726 83	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$16.80	\$40.00	\$20.00	\$0.00	
Grand Total:						\$76.80	

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:
Name of receiving employee

Dated:

10

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
10/31/2022

Firm Mailing Book ID: 236011

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0101 0384 70	EOG Resources Inc. Attn: Matthew Gray 5509 Champions Drive Midland TX 79706	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0101 0384 87	BTA Oil Producers 104 S. Pecos Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0101 0384 94	Mewbourne Oil Co. Attn: Tyler Jolly 500 W. Texas Ave., Suite 1020 Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$5.04	\$12.00	\$6.00	\$0.00	
			Grand Total:			\$23.04	

List Number of Pieces Listed by Sender	Total Number of Pieces Received at Post Office	Postmaster: Name of receiving employee	Dated:
3			

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 30-025-50207	² Pool Code 97903	³ Pool Name WC-025 G-08 S253235G;LWR BONE SPRING
⁴ Property Code	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 128H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3396.2'

¹⁰ Surface Location

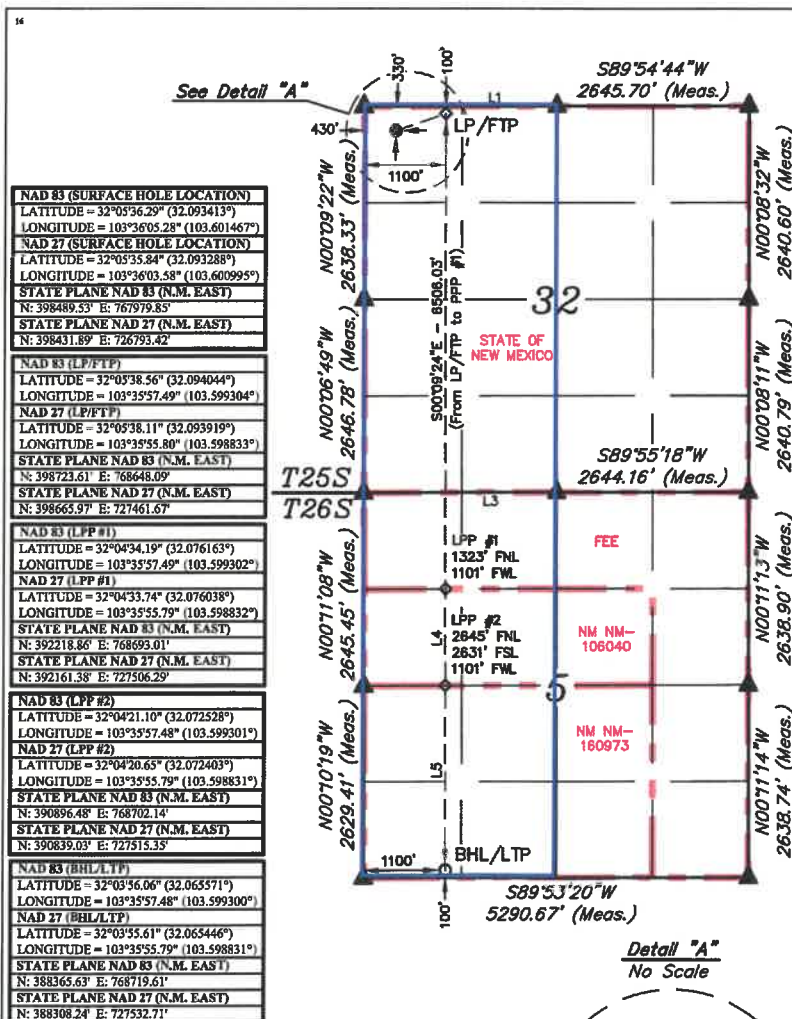
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 430	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1100	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹² Dedicated Acres 640	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.



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



DRAWN BY: J.N. 08-09-19

REV: 02 06-27-22 T.L.L. (BHL, LEASE DATA & TAKE POINT CHANGES)

**"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.

Ashley Bergen 09/06/22
Signature Date

ASHLEY BERGEN

Printed Name

ashley.bergen@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.

May 01, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

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)

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S89°53'08"W	2643.77'
L2	N70°58'01"E	708.18'
L3	S89°47'48"W	2645.73'
L4	S00°09'24"E	1322.65'
L5	S00°09'24"E	2531.35'

EXHIBIT

A

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 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 30-025-50323	² Pool Code 97903	³ Pool Name WC-025 G-08 S253235G; LWR BONE SPRING
⁴ Property Code	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 129H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3396.1'

"Surface Location

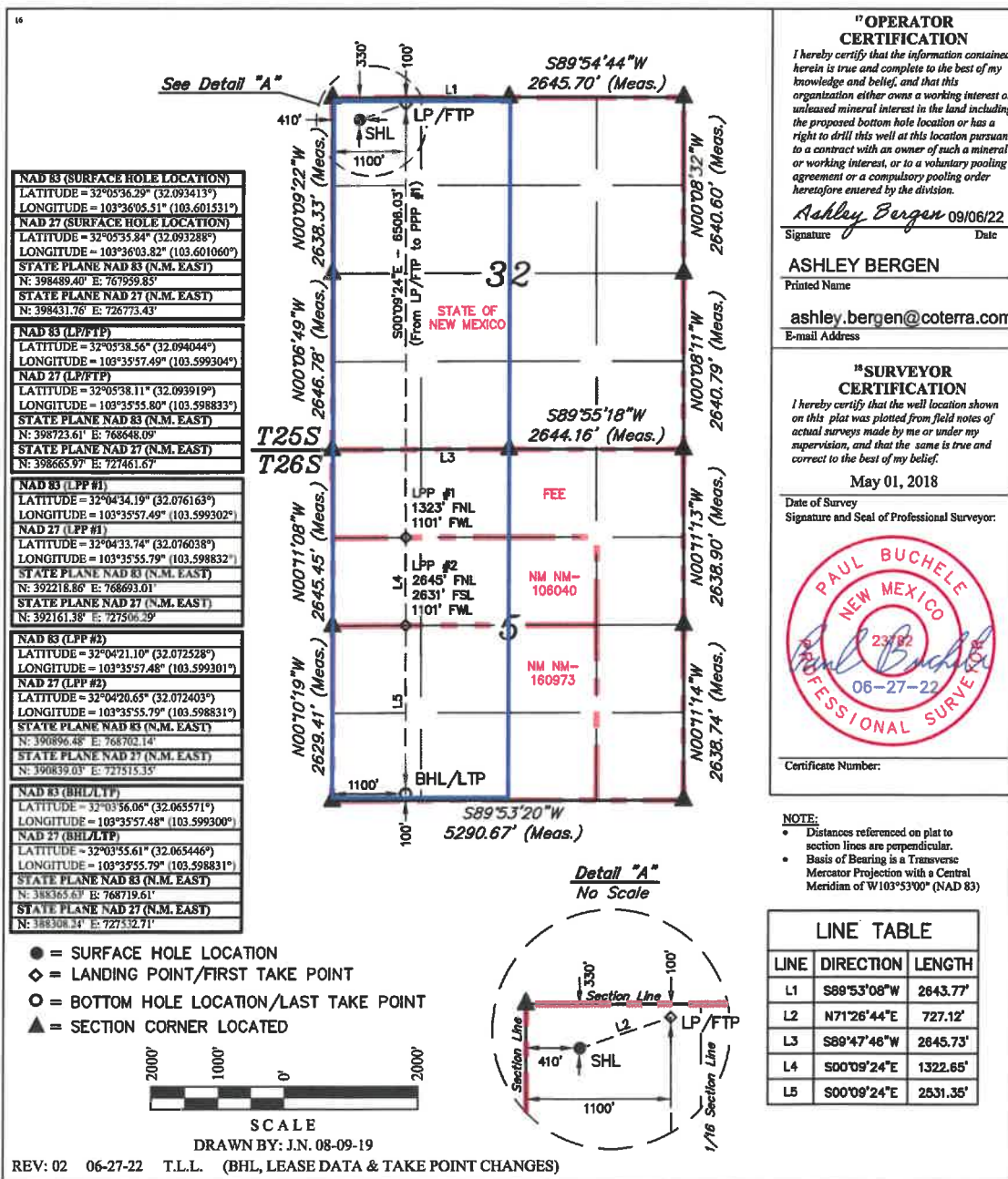
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 410	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

"Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1100	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

¹² Dedicated Acres 640	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.

Ashley Bergen 09/06/22
Signature Date

ASHLEY BERGEN

Printed Name

ashley.bergen@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.

May 01, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
611 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1600 Rio Urmazo 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

Correct Operator

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025- <i>50749</i>	2 Pool Code 97994	3 Pool Name WC-025 G-06 S253329D; UPR Bone Spring
4 Property Code <i>330240</i>	5 Property Name RED HILLS 32-5 Federal Com	6 Well Number 132H
7 Operator Code <i>215099</i>	8 Operator Name CIMAREX ENERGY <i>Company</i>	9 Elevation 3396.0'

"Surface Location

UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 390	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

"Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
10 Dedicated Acres 320	11 Joint 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.

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Rank of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

LINE	DIRECTION	LENGTH
L1	S89°53'08"W	2643.77'
L2	S89°53'08"W	60.04'
L3	S89°47'46"W	2645.73'

NAD 83 (SURFACE HOLE LOCATIONS)
LATITUDE = 32°03'36.29" (32.059413°)
LONGITUDE = 103°36'06.43" (103.601786°)
NAD 27 (SURFACE HOLE LOCATIONS)
LATITUDE = 32°03'33.84" (32.059388°)
LONGITUDE = 103°36'04.05" (103.601123°)
STATE PLANE NAD 83 (N.M. EAST)
N: 398489.28' E: 767999.83'
STATE PLANE NAD 27 (N.M. EAST)
N: 398431.64' E: 726753.43'

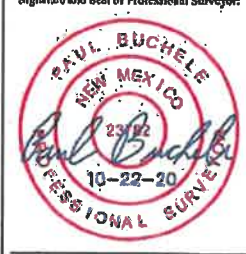
NAD 83 (LP/FTP)
LATITUDE = 32°03'36.29" (32.059413°)
LONGITUDE = 103°36'06.44" (103.601790°)
NAD 27 (LP/FTP)
LATITUDE = 32°03'33.84" (32.059388°)
LONGITUDE = 103°36'04.75" (103.601318°)
STATE PLANE NAD 83 (N.M. EAST)
N: 398488.91' E: 767979.83'
STATE PLANE NAD 27 (N.M. EAST)
N: 398431.27' E: 726692.40'

NAD 83 (BHL/LTP)
LATITUDE = 32°03'36.06" (32.059375°)
LONGITUDE = 103°36'06.43" (103.601786°)
NAD 27 (BHL/LTP)
LATITUDE = 32°03'33.61" (32.059345°)
LONGITUDE = 103°36'04.74" (103.601316°)
STATE PLANE NAD 83 (N.M. EAST)
N: 398360.92' E: 767949.75'
STATE PLANE NAD 27 (N.M. EAST)
N: 398303.53' E: 726762.86'

• = SURFACE HOLE LOCATION
◊ = LANDING POINT/FIRST TAKE POINT
○ = BOTTOM HOLE LOCATION/LAST TAKE POINT
▲ = SECTION CORNER LOCATED

SCALE
DRAWN BY: T.A. 02-12-20
REV: I 10-22-20 E.C. (BOTTOM HOLE MOVE)

"OPERATOR CERTIFICATION"
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.
Signature: *Rusty Klein* Date: *10/13/2022*
Printed Name: *Rusty Klein*
E-mail Address: *Rusty.Klein@cohera.com*

"SURVEYOR CERTIFICATION"
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
May 01, 2018
Date of Survey
Signature and Seal of 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	² Pool Code	³ Pool Name
⁴ Property Code	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 133H
⁷ OGRID No.	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3395.9'

¹⁰ Surface Location

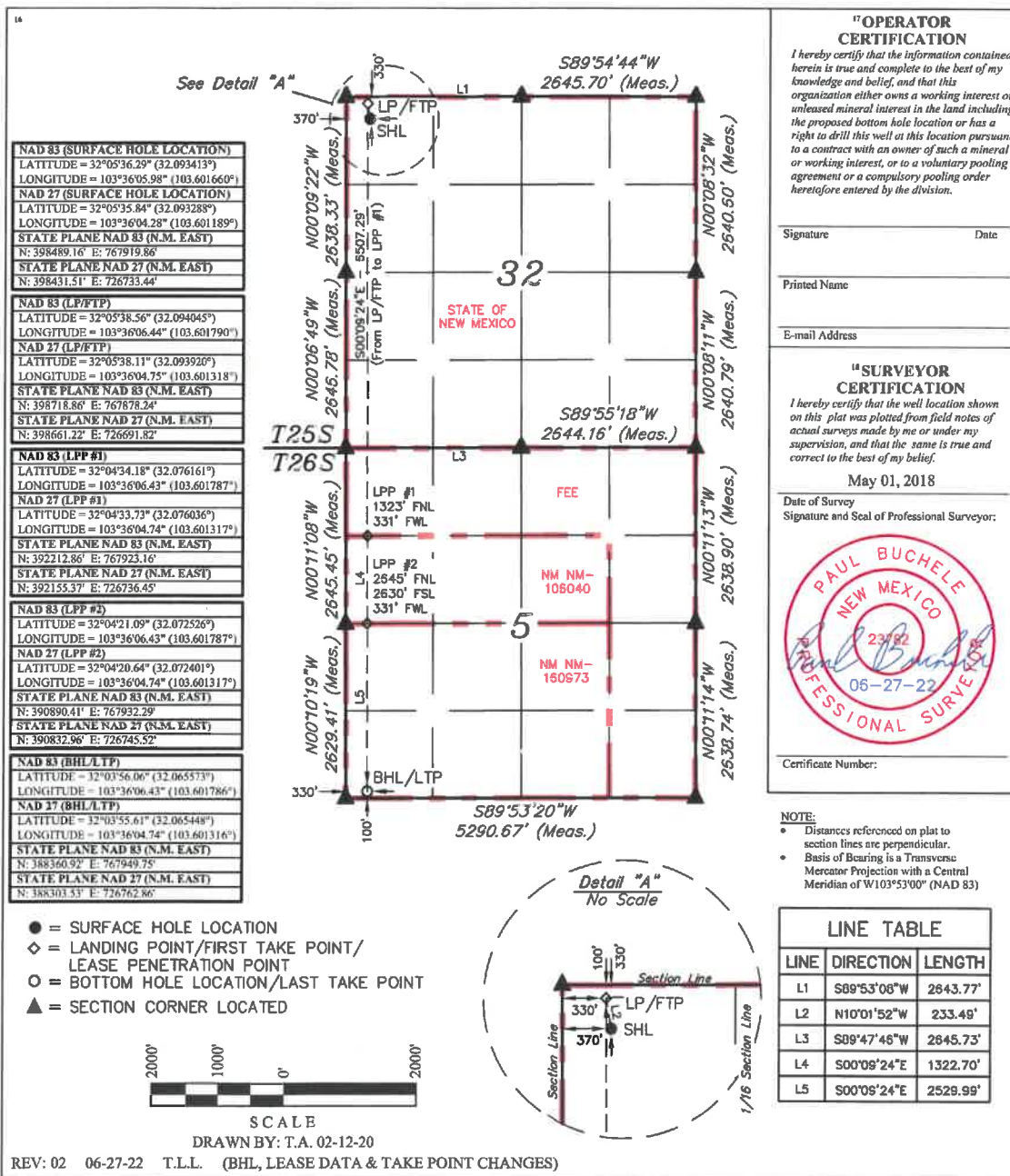
UL or lot no. D	Section 32	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 370	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 5	Township 26S	Range 33E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

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

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



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

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-0720

District III
1000 Rio Uraos 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 and 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 30-025-50208	² Pool Code 97903	³ Property Name WC-025; G-08 S253235G; Lower Bone Spring
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 158H
⁷ UGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3409.1'

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2305	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
O	5	26S	33E		100	SOUTH	2017	EAST	LEA
¹⁰ Dedicated Acres 1.88	¹¹ Joint 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.

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°05'36.27" (32.093410°)
LONGITUDE = 103°35'43.49" (103.595413°)

NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°05'35.83" (32.093285°)
LONGITUDE = 103°35'41.79" (103.594422°)

STATE PLANE NAD 83 (N.M. EAST)
N: 398501.09' E: 70884.46'
STATE PLANE NAD 27 (N.M. EAST)
N: 398443.46' E: 72668.05'

NAD 83 (LPP #1)
LATITUDE = 32°05'38.54" (32.094039°)
LONGITUDE = 103°35'32.24" (103.592390°)

NAD 27 (LPP #1)
LATITUDE = 32°05'38.09" (32.093914°)
LONGITUDE = 103°35'30.54" (103.591819°)

STATE PLANE NAD 83 (N.M. EAST)
N: 398736.72' E: 70820.12'
STATE PLANE NAD 27 (N.M. EAST)
N: 398679.84' E: 724633.68'

NAD 83 (LPP #2)
LATITUDE = 32°04'34.30" (32.076167°)
LONGITUDE = 103°35'32.23" (103.592287°)

NAD 27 (LPP #2)
LATITUDE = 32°04'33.75" (32.076042°)
LONGITUDE = 103°35'30.54" (103.591817°)

STATE PLANE NAD 83 (N.M. EAST)
N: 392235.13' E: 70865.77'
STATE PLANE NAD 27 (N.M. EAST)
N: 392177.66' E: 72679.02'

NAD 83 (LPP #3)
LATITUDE = 32°04'21.12" (32.072514°)
LONGITUDE = 103°35'32.23" (103.592286°)

NAD 27 (LPP #3)
LATITUDE = 32°04'20.67" (32.072409°)
LONGITUDE = 103°35'30.54" (103.591817°)

STATE PLANE NAD 83 (N.M. EAST)
N: 390913.59' E: 70875.04'
STATE PLANE NAD 27 (N.M. EAST)
N: 390856.15' E: 72668.24'

NAD 83 (BHL/LTP)
LATITUDE = 32°03'36.04" (32.065567°)
LONGITUDE = 103°35'32.23" (103.592285°)

NAD 27 (BHL/LTP)
LATITUDE = 32°03'35.59" (32.065442°)
LONGITUDE = 103°35'30.54" (103.591816°)

STATE PLANE NAD 83 (N.M. EAST)
N: 388378.91' E: 70892.83'
STATE PLANE NAD 27 (N.M. EAST)
N: 388321.53' E: 72705.91'

"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 lease with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered with the division.

Signature: *Rusty Klein* Date: *9/2/22*

Printed Name: **Rusty Klein**

E-mail Address: **rusty.klein@coterra.com**

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

May 01, 2018

Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23-02
06-27-22
PROFESSIONAL SURVEYOR

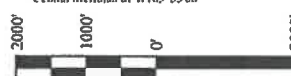
Certificate Number:

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S89°34'44"W	2645.70'
L2	N78°31'34"E	994.14'
L3	S00°09'48"E	1321.80'
L4	S00°09'48"E	2535.18'

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

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"



SCALE

DRAWN BY: J.A. 08-09-19
REV: 3 D.M.C. 06-27-22
(FTP, BHL CHANGES & ADDED LEASE CROSSINGS)

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (505) 393-6161 Fax: (505) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (505) 748-1283 Fax: (505) 748-9720
District III
1000 Rio Baron 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 30-025-50209	² Pool Code 97903	³ Pool Name WC-025; G-08 S253235G; Lower Bone Spring
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 159H
⁷ UGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3409.0'

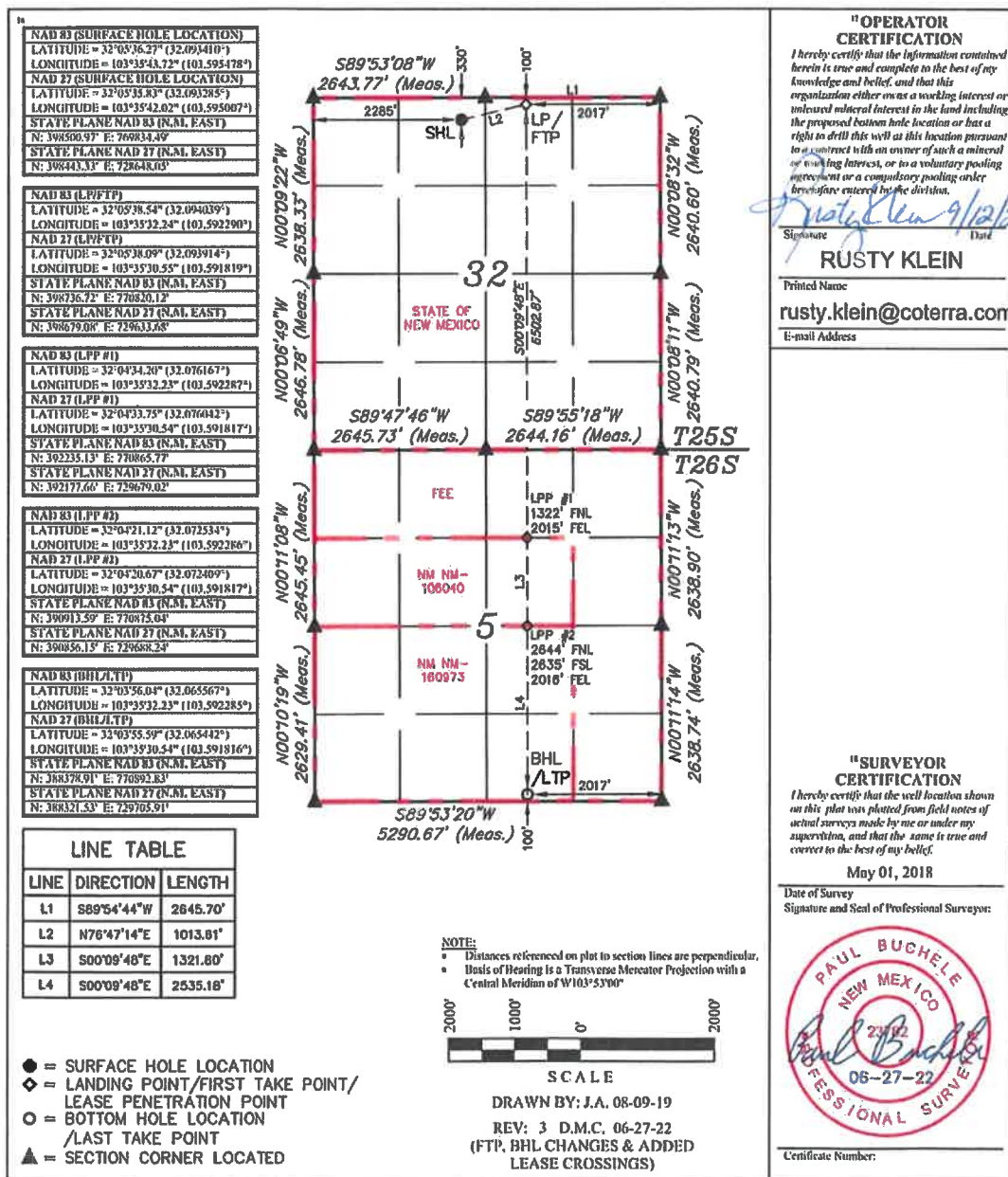
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2285	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
O	5	26S	33E		100	SOUTH	2017	EAST	LEA
¹¹ Dedicated Acres 1280	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



 AMENDED REPORT

NAD 83 (SURFACE HOLE LOCATION)
 LATITUDE = 32°08'36.27" (32.093410°)
 LONGITUDE = 103°35'43.05" (103.595427°)
NAD 27 (SURFACE HOLE LOCATION)
 LATITUDE = 32°08'35.81" (32.093289°)
 LONGITUDE = 103°35'42.26" (103.595071°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 398500.84' E: 769814.50'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 398443.21' E: 728628.05'

NAD 83 (LP/FTP)
 LATITUDE = 32°05'38.55" (32.094041°)
 LONGITUDE = 103°35'40.45" (103.594571°)
NAD 27 (LP/FTP)
 LATITUDE = 32°05'38.10" (32.093917°)
 LONGITUDE = 103°35'38.76" (103.594100°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 398732.60' E: 770115.81'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 398675.02' E: 728927.37'

NAD 83 (LPP #1)
 LATITUDE = 32°04'34.30" (32.076167°)
 LONGITUDE = 103°35'40.45" (103.594570°)
NAD 27 (LPP #1)
 LATITUDE = 32°04'33.75" (32.076042°)
 LONGITUDE = 103°35'38.76" (103.594100°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 392230.30' E: 770158.71'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 392172.83' E: 728971.97'

NAD 83 (LPP #2)
 LATITUDE = 32°04'21.12" (32.072532°)
 LONGITUDE = 103°35'40.45" (103.594569°)
NAD 27 (LPP #2)
 LATITUDE = 32°04'20.67" (32.072407°)
 LONGITUDE = 103°35'38.76" (103.594100°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 390908.02' E: 770167.84'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 390850.55' E: 728981.04'

NAD 83 (BHL/LTP)
 LATITUDE = 32°03'56.05" (32.065568°)
 LONGITUDE = 103°35'40.45" (103.594569°)
NAD 27 (BHL/LTP)
 LATITUDE = 32°03'55.60" (32.065443°)
 LONGITUDE = 103°35'38.76" (103.594100°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 388374.35' E: 770185.33'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 388317.20' E: 728998.41'

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S89°53'08"W	2643.77'
L2	N52°28'56"E	378.65'
L3	S00°09'24"E	1322.54'
L4	S00°09'24"E	2533.93'

NOTE:
 • Distances referenced on plat to section lines are perpendicular.
 • Basis of bearing is a Transverse Mercator Projection with a Central Meridian of W103°57'00"

SCALE

DRAWN BY: J.A. 08-09-19
REV: 3 D.M.C. 06-27-22
(FTP, BHL CHANGES & ADDED LEASE CROSSINGS)

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 Hrazos 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 30-045-50750	² Pool Code 97994	³ Pool Name WC-025; G-06 S253329D; Bone Spring
⁴ Property Code 330240	⁵ Property Name RED HILLS 32-5 FED COM	⁶ Well Number 16111
⁷ UGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3408.8

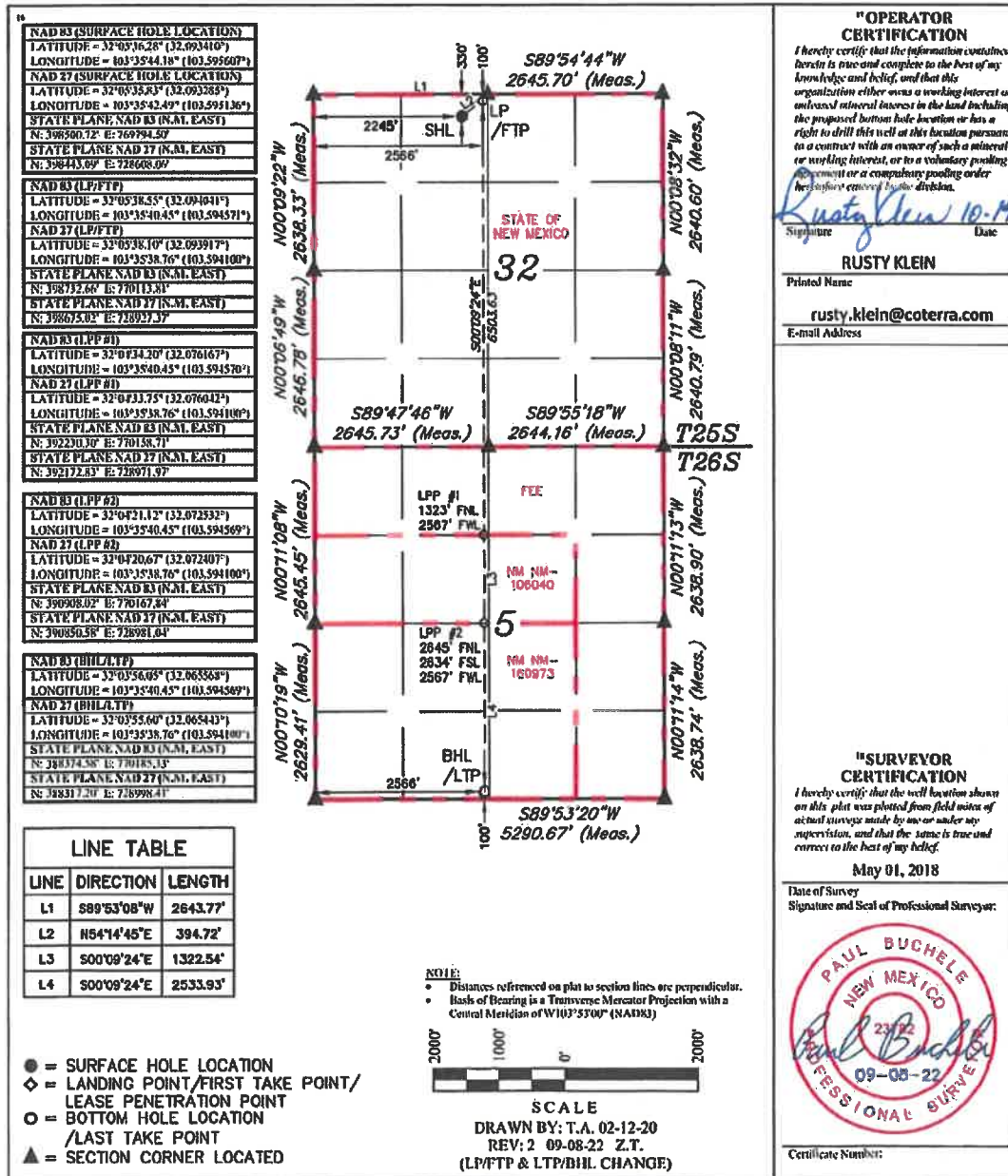
"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	32	25S	33E		330	NORTH	2245	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
N	5	26S	33E		100	SOUTH	2566	WEST	LEA

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





October 31, 2022

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

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 application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Eddie Behm
Reservoir Engineer
Cimarex Energy Co.
Eddie.Behm@coterra.com
(432) 571-7865

Sincerely,

Deana M. Bennett
Attorney for Cimarex Energy 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





Tract Number on Offsetting Acreage Map	Offsetting Sections	Operator	WIOs If Needed N/A if Cimarex IS NOT operator	Date Notice Letter Sent
1	Section 28, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
2	Section 29, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
3	Section 30, T25S-R33E	EOG	N/A	10/31/2022
4	Section 31, T25S-R33E	Kaiser Francis	N/A	10/27/2022
5	Section 6, T26S-R33E	Kaiser Francis	N/A	10/27/2022
6	Section 7, T26S-R33E	BTA	N/A	10/31/2022
7	Section 8, T26S-R33E	ConocoPhillips	N/A	10/27/2022
8	Section 9, T26S-R33E	Mewbourne	N/A	10/31/2022
9	Section 4, T26S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022
10	Section 33, T25S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 10/27/2022

Firm Mailing Book ID: 235909

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0100 9725 91	Grasslands Energy LP attn: Traci Tucker 5128 Apache Plume Rd., Suite 300 Fort Worth TX 76109	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0100 9726 07	Richard Scott Briggs 1920 E. Riverside Dr., Suite A-120 #505 Austin TX 78741	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0100 9726 14	Finley Production Co. LP c/o Finley Resources Inc. Agent P.O. Box 2200 Fort Worth TX 76113	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
4	9314 8699 0430 0100 9726 21	Occidental Permian Limited Partnership Attn: Peter Van Liew 5 Greenway Plaza Houston TX 77046	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
5	9314 8699 0430 0100 9726 38	CXA Oil and Gas Holdings LP 1302 West Ave. Austin TX 78701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
6	9314 8699 0430 0100 9726 45	Devon Energy Production Company Attn: Land Department 333 W. Sheridan Ave. Oklahoma City OK 73102	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
7	9314 8699 0430 0100 9726 52	COG Operating LLC Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
8	9314 8699 0430 0100 9726 69	Concho Oil and Gas Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
9	9314 8699 0430 0100 9726 76	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
10	9314 8699 0430 0100 9726 83	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$16.80	\$40.00	\$20.00	\$0.00	
Grand Total:						\$76.80	

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:
Name of receiving employee

Dated:

Carlene Schuman

1400 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
10/31/2022

Firm Mailing Book ID: 236011

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0101 0384 70	EOG Resources Inc. Attn: Matthew Gray 5509 Champions Drive Midland TX 79706	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0101 0384 87	BTA Oil Producers 104 S. Pecos Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0101 0384 94	Mewbourne Oil Co. Attn: Tyler Jolly 500 W. Texas Ave., Suite 1020 Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$5.04	\$12.00	\$6.00	\$0.00	
			Grand Total:				\$23.04

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

3



October 31, 2022

Deana M. Bennett
505.848.1834
dmb@modrall.com

VIA CERTIFIED MAIL

TO AFFECTED PARTIES

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

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 application. If no objection is received within this twenty-day period, the application may be approved administratively by the Division.

If you have any questions concerning this application, please contact:

Eddie Behm
Reservoir Engineer
Cimarex Energy Co.
Eddie.Behm@coterra.com
(432) 571-7865

Sincerely,

Deana M. Bennett
Attorney for Cimarex Energy 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





Tract Number on Offsetting Acreage Map	Offsetting Sections	Operator	WIOs If Needed N/A if Cimarex IS NOT operator	Date Notice Letter Sent
1	Section 28, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
2	Section 29, T25S-R33E	Cimarex Energy Co.	Cimarex Energy Co.	N/A
3	Section 30, T25S-R33E	EOG	N/A	10/31/2022
4	Section 31, T25S-R33E	Kaiser Francis	N/A	10/27/2022
5	Section 6, T26S-R33E	Kaiser Francis	N/A	10/27/2022
6	Section 7, T26S-R33E	BTA	N/A	10/31/2022
7	Section 8, T26S-R33E	ConocoPhillips	N/A	10/27/2022
8	Section 9, T26S-R33E	Mewbourne	N/A	10/31/2022
9	Section 4, T26S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022
10	Section 33, T25S-R33E	Cimarex	Grasslands Energy LP Richard Scott Briggs Finley Production Co., LP Occidental Permian LP CXA Oil and Gas Holdings LP Devon Energy Production Company COG Operating LLC Concho Oil and Gas, LLC	10/27/2022

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

PS Form 3877

Type of Mailing: CERTIFIED MAIL
 10/27/2022

Firm Mailing Book ID: 235909

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0100 9725 91	Grasslands Energy LP attn: Traci Tucker 5128 Apache Plume Rd., Suite 300 Fort Worth TX 76109	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0100 9726 07	Richard Scott Briggs 1920 E. Riverside Dr., Suite A-120 #505 Austin TX 78741	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0100 9726 14	Finley Production Co. LP c/o Finley Resources Inc. Agent P.O. Box 2200 Fort Worth TX 76113	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
4	9314 8699 0430 0100 9726 21	Occidental Permian Limited Partnership Attn: Peter Van Liew 5 Greenway Plaza Houston TX 77046	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
5	9314 8699 0430 0100 9726 38	CXA Oil and Gas Holdings LP 1302 West Ave. Austin TX 78701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
6	9314 8699 0430 0100 9726 45	Devon Energy Production Company Attn: Land Department 333 W. Sheridan Ave. Oklahoma City OK 73102	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
7	9314 8699 0430 0100 9726 52	COG Operating LLC Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
8	9314 8699 0430 0100 9726 69	Concho Oil and Gas Attn: Brian Dart 600 W. Illinois Ave. Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
9	9314 8699 0430 0100 9726 76	New Mexico State Land Office 310 Old Santa Fe Trail Santa Fe NM 87501	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
10	9314 8699 0430 0100 9726 83	Bureau of Land Management 301 Dinosaur Trail Santa Fe NM 87508	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$16.80	\$40.00	\$20.00	\$0.00	
Grand Total:						\$76.80	

List Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster:
Name of receiving employee

Dated:

Carlene Schuman

1400 Fourth Street, Suite 1000
Albuquerque NM 87102

PS Form 3877

Type of Mailing: CERTIFIED MAIL
10/31/2022

Firm Mailing Book ID: 236011

Line	USPS Article Number	Name, Street, City, State, Zip	Postage	Service Fee	RR Fee	Rest.Del.Fee	Reference Contents
1	9314 8699 0430 0101 0384 70	EOG Resources Inc. Attn: Matthew Gray 5509 Champions Drive Midland TX 79706	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
2	9314 8699 0430 0101 0384 87	BTA Oil Producers 104 S. Pecos Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
3	9314 8699 0430 0101 0384 94	Mewbourne Oil Co. Attn: Tyler Jolly 500 W. Texas Ave., Suite 1020 Midland TX 79701	\$1.68	\$4.00	\$2.00	\$0.00	82762.0128.RH Notice
Totals:			\$5.04	\$12.00	\$6.00	\$0.00	
			Grand Total:				\$23.04

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

3



October 27, 2022

VIA E-FILING

Director Adrienne Sandoval and OCD Engineering Bureau
Oil Conservation Division
Energy, Minerals and Natural Resources Department
1220 South Saint Francis Drive
Santa Fe, New Mexico 87505

Re: Application of Cimarex Energy Co. for administrative approval of a 1280-acre, more or less, non-standard spacing unit in the Bone Spring Formation comprised Section 32, Township 25 South, Range 33 East, and Section 5 Township 26 South, Range 33 East.

Dear Director Sandoval/OCD Engineering Bureau

Cimarex Energy Co., OGRID Number 215099, respectfully requests administrative approval of a 1280-acre, more or less, non-standard unit ("NSU") comprised of Section 32, Township 25 South, Range 33 East and Section 5, Township 26 South, Range 33 East, Lea County, New Mexico. The NSU would be dedicated to the following wells (the "Wells"):

<u>Well Name</u>	<u>API Number</u>
Red Hills 32-5 Fed Com 128H	(30-025-50207)
Red Hills 32-5 Fed Com 129H	(30-025-50323)
Red Hills 32-5 Fed Com 132H	(30-025-50749)
Red Hills 32-5 Fed Com 133H	(30-025-PENDING)
Red Hills 32-5 Fed Com 158H	(30-025-50208)
Red Hills 32-5 Fed Com 159H	(30-025-50209)
Red Hills 32-5 Fed Com 160H	(30-025-50210)
Red Hills 32-5 Fed Com 161H	(30-025-50750)

In addition, the NSU will include two existing Bone Spring wells, which are the Red Hills 32-5 Fed Com 157H (API 30-025-46326) and Red Hill 32-5 Fed Com 156H (API 30-025-46295).

The Wells will develop the Bone Spring formation, and the only pool within the Bone Spring formation underlying the proposed NSU is WC-025 G-08 S253235G; LWR BONE SPRING (Code 97903), which follows the statewide spacing rules. If Cimarex were to follow the state-wide rules, Cimarex would have to have four (4) 160-acre units to have standard units. In this NSU application, Cimarex seeks a single 1280-acre unit. Cimarex seeks the NSU to match the corresponding proposed Communitization Agreement.

Approval will allow Cimarex to use existing surface facilities, which will in turn reduce surface disturbance by consolidating roads, tanks, and pipelines. Cimarex already has existing flowlines, an



existing central tank battery, an existing road, and existing third-party takeaway facilities on this acreage. If Cimarex's NSU application is approved, the Wells would be able to utilize this existing infrastructure, eliminating any need for any further surface disturbances. In addition, approval of Cimarex' application promotes effective well spacing and will allow Cimarex to commingle production.

Conversely, if Cimarex' NSU application is not approved, Cimarex will need to construct additional flowlines, roads, an additional CTB, and will need additional third party takeaway facilities. I have included as Exhibits C-1 and C-2 slides showing that no additional facilities are needed for a non-standard unit (C-1) and the additional required infrastructure needed if Cimarex has to develop the Wells using standard spacing (C-2).

Exhibit C-3 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 25 acres less surface disturbance than if Cimarex has to develop the acreage using standard units. If Cimarex' NSU application is approved, that would eliminate the need to build an additional central tank battery, which effectively cuts permitted fugitive VOC emissions, spill risk, and flares in half. In addition, total capital costs would be significantly reduced because no additional infrastructure is required to operate the single, non-standard 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,



Eddie Behm
Reservoir Engineer
Cimarex Energy Co.

Surface Disturbance – Non-Standard Spacing Unit

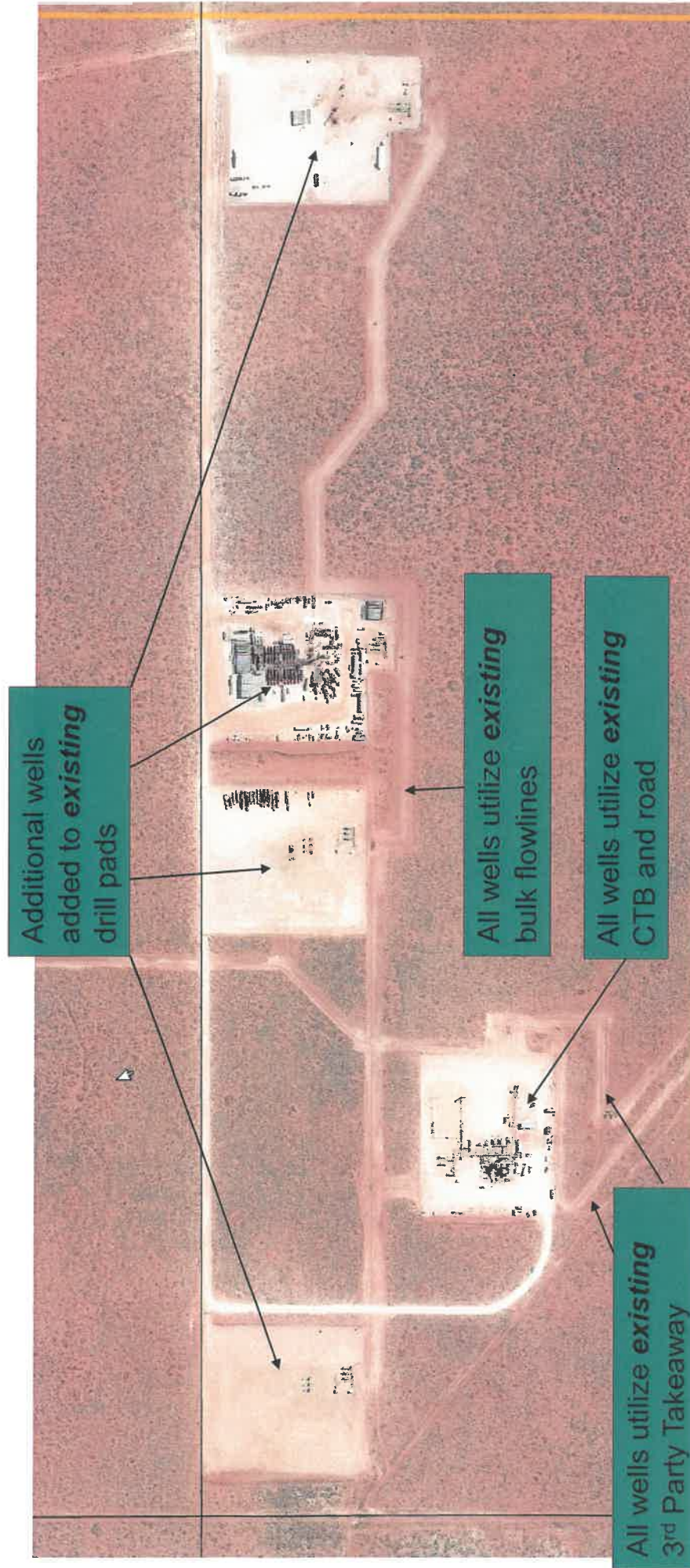
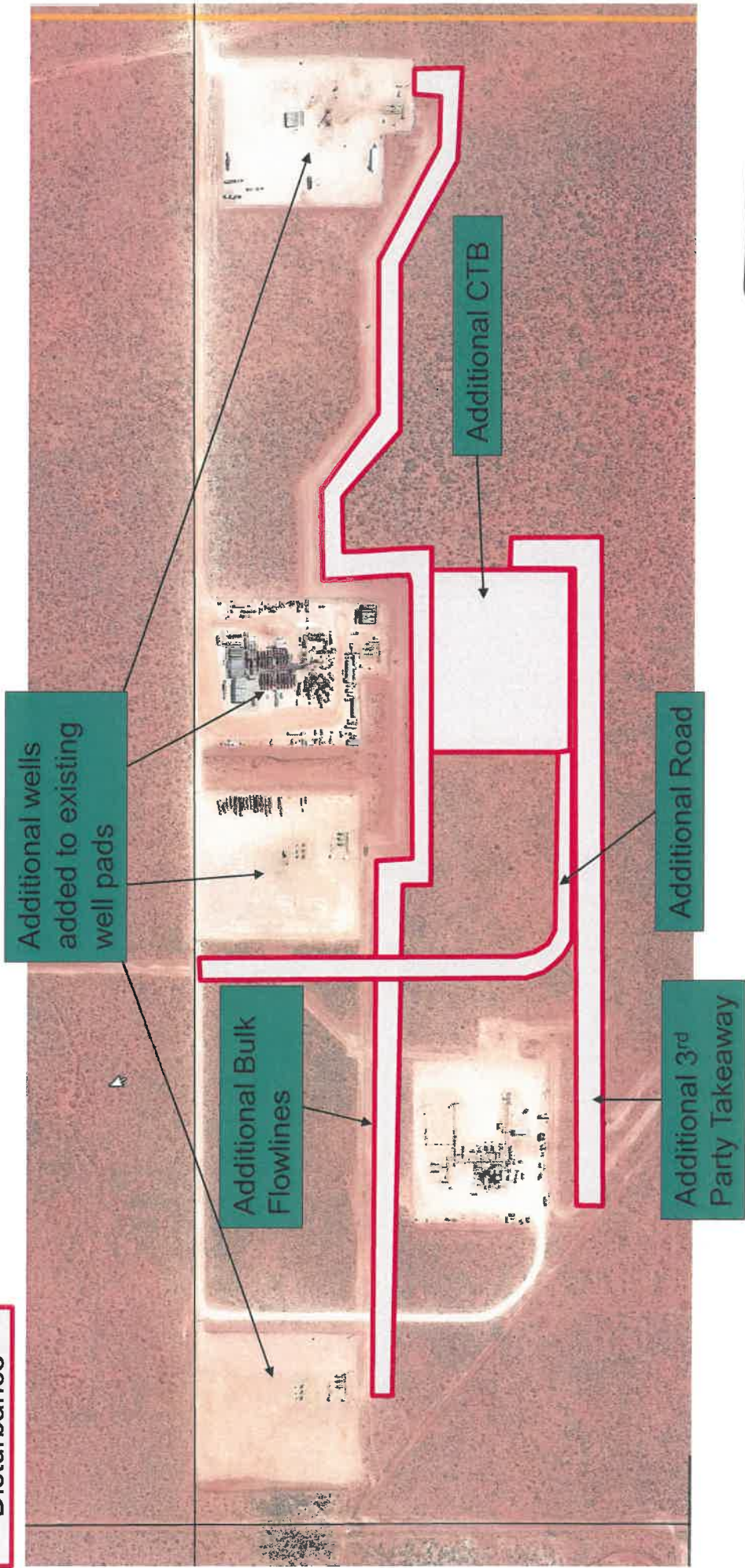


EXHIBIT
C-1

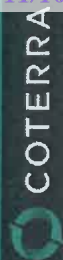


Surface Disturbance – Standard Spacing Unit

New Surface Disturbance



Environmental and Capital Savings



Scenario	Design Basis per CTB (BOPD)	CTB/Equipment Cost (\$M)	Pipeline Cost (\$M)	Total Capital (\$M)	CTB and Pipeline Disturbance (Acres)
Standard Spacing Unit	35,000	\$10,230	\$3,220	\$13,450	25
Non-Standard Spacing Unit	35,000	\$4,200	-	\$4,200	0
Savings	-	\$6,030	\$3,220	\$9,250	25

- 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 central tank battery and flowlines. Elimination of the additional central tank battery effectively cuts permitted fugitive VOC emissions, spill risk, and flares in half.



Red Hills 32-5 Fed Com Area

Proposed Non-Standard Horizontal Spacing Unit

Section 32, T25S-R33E: All

Section 5, T26S-R33E: All

1280.00 Acres

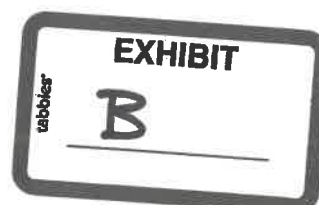
Tract 1:
K014591
(State)

Tract 2:
Fee Leases
(16)

Tract 3:
NM0106040A
(Fed)

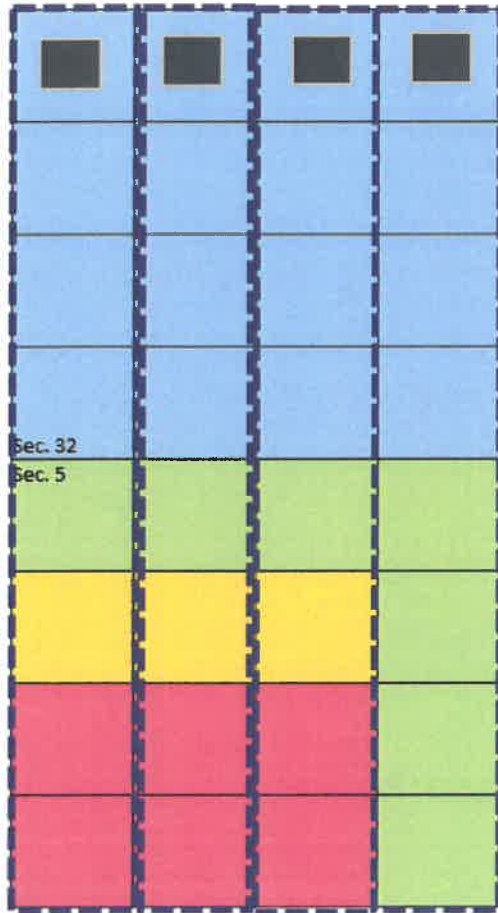
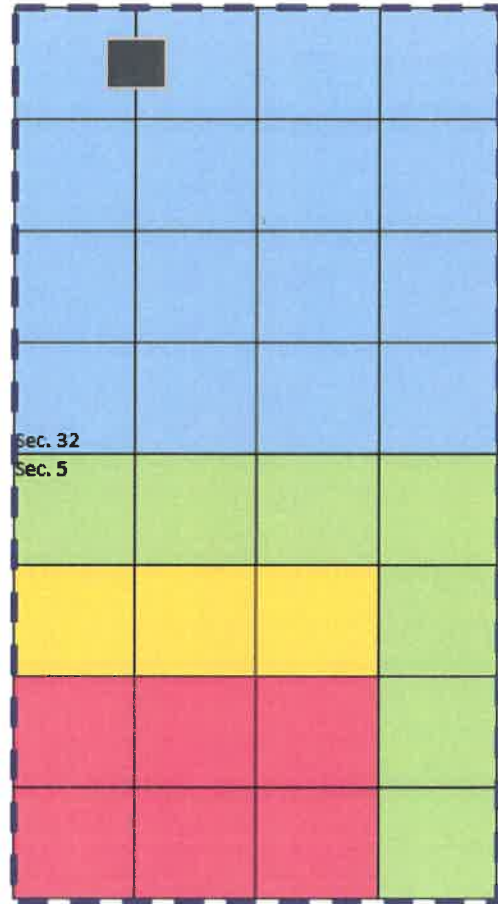
Tract 4:
NM0160973
(Fed)

Sec. 32			
Sec. 5			



Red Hills 32-5 Fed Com Area

Standard Spacing Unit Versus Non-Standard Spacing Unit

Standard**Non-Standard**

Tract 1:
K014591
(State)

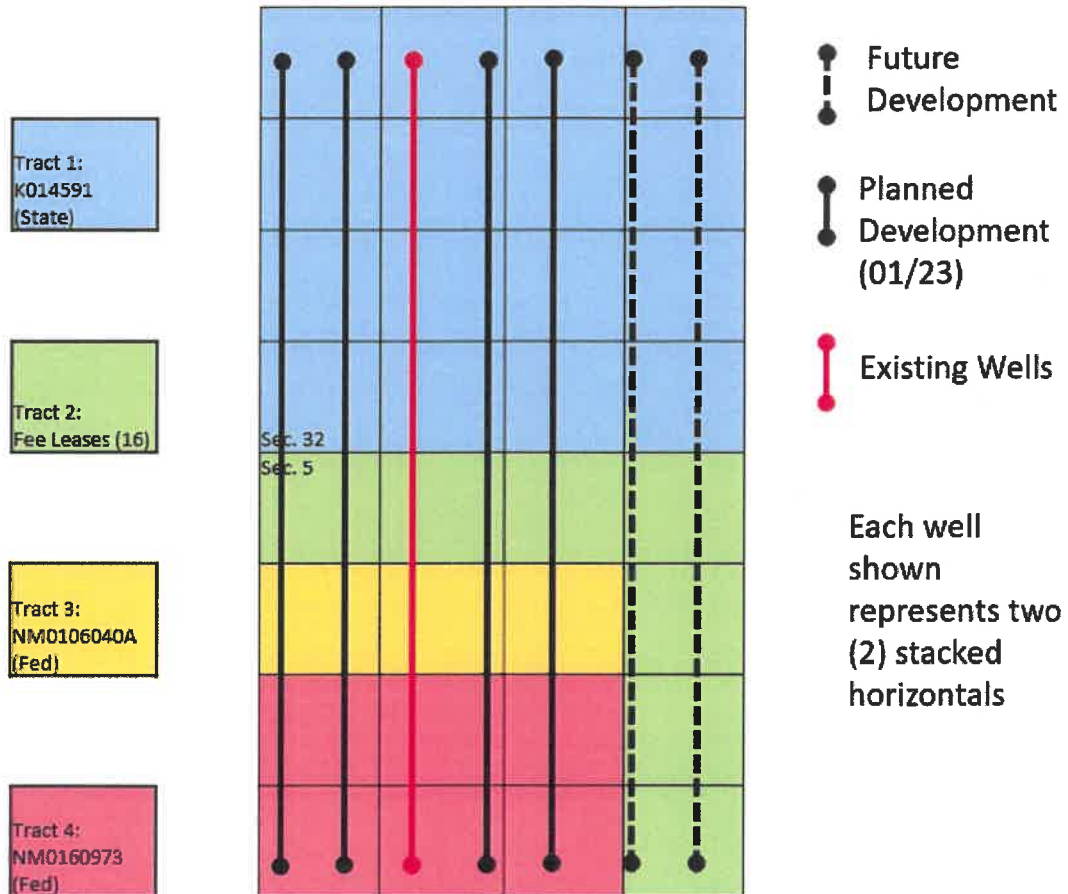
Tract 2:
Fee Leases (16)

Tract 3:
NM0106040A
(Fed)

Tract 4:
NM0160973
(Fed)

Red Hills 32-5 Fed Com Area

Bone Spring Development



Red Hills 32-5 Fed Com Area**Well List with Pool Code****Lower Bone Spring:****Pool Code: 97903; WC-025 G-08 S253235G; Lower Bone Spring**

Red Hills 32-5 Fed Com 128H	(30-025-50207)	Proposed Well
Red Hills 32-5 Fed Com 129H	(30-025-50323)	Proposed Well
Red Hills 32-5 Fed Com 132H	(30-025-50749)	Proposed Well
Red Hills 32-5 Fed Com 133H	(30-025-PENDING)	Proposed Well
Red Hills 32-5 Fed Com 158H	(30-025-50208)	Proposed Well
Red Hills 32-5 Fed Com 159H	(30-025-50209)	Proposed Well
Red Hills 32-5 Fed Com 160H	(30-025-50210)	Proposed Well
Red Hills 32-5 Fed Com 161H	(30-025-50750)	Proposed Well
Red Hills 32-5 Fed Com 157H	(30-025-46326)	Existing
Red Hill 32-5 Fed Com 156H	(30-025-46295)	Existing

District I

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

District II

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

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 159364

CONDITIONS

Operator: CIMAREX ENERGY CO. 600 N. Marienfeld Street Midland, TX 79701	OGRID: 215099
	Action Number: 159364
	Action Type: [UF-NSP] Non-Standard Proration (NSP)

CONDITIONS

Created By	Condition	Condition Date
llowe	NSP - 2145 is approved. The approved Order can be retrieved at the following OCD: website. https://ocdimage.emnrd.nm.gov/imaging/AEOrderCriteria.aspx	11/16/2022