

CASE NO. 23089

**APPLICATION OF CIMAREX ENERGY CO.
FOR COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO**

NOTICE OF FILING ADDITIONAL EXHIBITS

1. Revised Pooling Checklist (Exhibit 1), which clarifies the zone being pooled and adds the measured depth of the well.

In addition, it specifies that there is no depth severance in the Bone Spring formation. There is a difference in ownership between the subject well and the existing overlapped well(s) solely due to the different length of the wells and the tracts included in each well unit.

2. Revised C-102s (Exhibit 2-A), which includes two C-102s due to two different pools within the well unit.

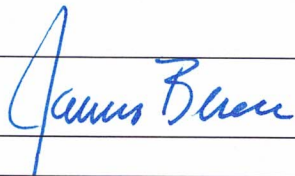
James Bruce
11/10/23

COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 23089	APPLICANT'S RESPONSE
Date: November 2, 2023	
Applicant	Cimarex Energy Co.
Designated Operator & OGRID (affiliation if applicable)	Cimarex Energy Co./OGRID 215099
Applicant's Counsel:	James Bruce
Case Title:	Application of Cimarex Energy Co. for Compulsory Pooling, etc., Eddy County, New Mexico
Entries of Appearance/Intervenors:	Chevron U.S.A. Inc./Holland and Hart LLP MRC Permian Co./Kyle Perkins
Well Family	White City Bone Spring wells
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Limited to depths below the stratigraphic equivalent of 7,745 feet subsurface, being the top of the Third Bone Spring Carbonate as seen in the Schlumberger Platform Express Three Detector Litho-Density Compensated Neutron Log in COG Operating LLC's Jack Federal (Pilot Hole) Well No. 1H (API No. 30-015-38643), to the base of the Bone Spring formation. The Pilot Hole is located in Lot 1 of Section 31, Township 25 South, Range 27 East, N.M.P.M.
Pool Name and Pool Code:	Cotton Draw; Bone Spring/Pool Code 13367
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres
Building Blocks:	40 acres
Orientation:	North-South
Description: TRS/County	E/2W/2 §8, E/2W/2 §17, and E/2W/2 §20 Township 25 South, Range 27 East, NMPM, Eddy County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe <u>and is approval of non-standard unit requested in this application?</u>	Yes

Revised
EXHIBIT 1

Other Situations	
Depth Severance: Y/N. If yes, description	N
Proximity Tracts: If yes, description	N
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	Exhibit 2-B
Well(s)	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	White City 8-17-20 Fed. Com. Well No. 1H API No. 30-015-Pending SHL: 390 FNL & 2400 FWL §8 BHL: 100 FSL & 2178 FWL §20 FTP: 100 FNL & 2178 FWL §8 LTP: 100 FSL & 2178 FWL §20 Bone Spring/TVD 8050 feet/MD 23932 feet
Well #2	
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost plus 200%
Notice of Hearing	
Proposed Notice of Hearing	Exhibit 7
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit 6

Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit 2-B
Tract List (including lease numbers and owners)	Exhibit 2-B
If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	
Pooled Parties (including ownership type)	Exhibit 2-B; Working Interest Owners
Unlocatable Parties to be Pooled	Yes
Ownership Depth Severance (including percentage above & below)	
Joinder	
Sample Copy of Proposal Letter	Exhibit 2-C
List of Interest Owners (i.e. Exhibit A of JOA)	Exhibit 2-B
Chronology of Contact with Non-Joined Working Interests	Exhibit 2-C
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-D
Cost Estimate to Equip Well	Exhibit 2-D
Cost Estimate for Production Facilities	Exhibit 2-D
Geology	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibits 2-A and 3-A
Gunbarrel/Lateral Trajectory Schematic	Exhibit 3-B
Well Orientation (with rationale)	North-South; Exhibits 2-A and 3
Target Formation	Third Bone Spring formation
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit 2-A

Tracts	Exhibit 2-B
Summary of Interests, Unit Recapitulation (Tracts)	Exhibits 2-B
General Location Map (including basin)	Exhibit 3-A
Well Bore Location Map	Exhibit 2-A
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibits 3-A and 3-B
Cross Section (including Landing Zone)	Exhibit 3-C
Additional Information	
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	October 31, 2023

effective

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 97816		3 Pool Name WC-015-G-025252715A; Bone Spring	
4 Property Code		5 Property Name WHITE CITY 8-17-20 FEDERAL COM		6 Well Number 1H	
7 OGRID No. 215099		8 Operator Name CIMAREX ENERGY CO.		9 Elevation 3353.7'	

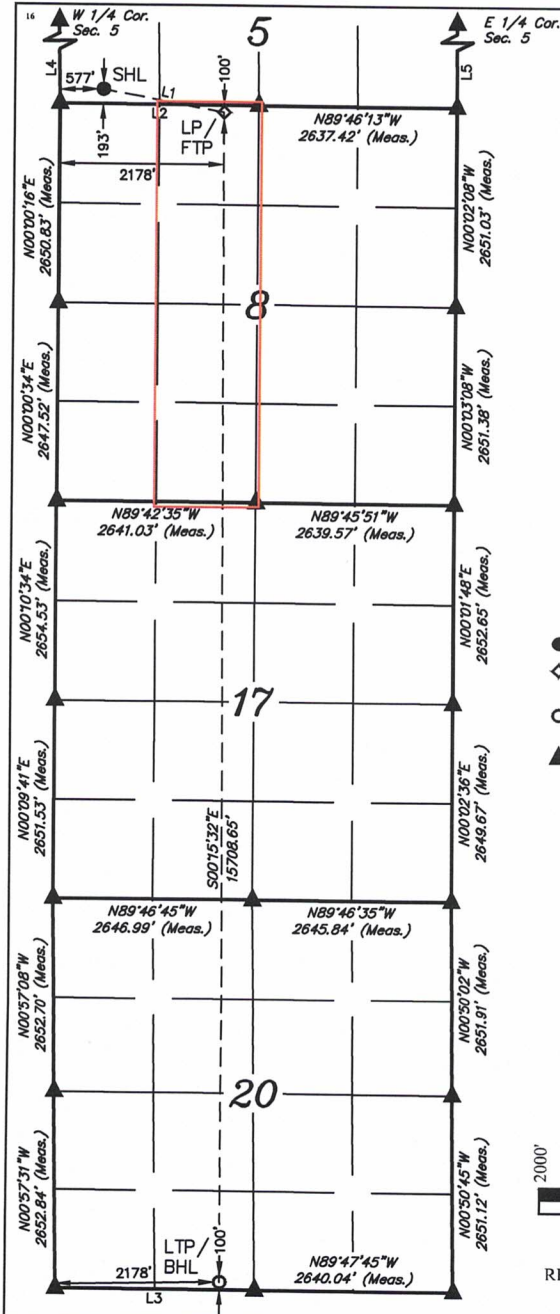
10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	5	25S	27E		193	SOUTH	577	WEST	EDDY

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	20	25S	27E		100	SOUTH	2178	WEST	EDDY
12 Dedicated Acres 320		13 Joint or Infill		14 Consolidation Code		15 Order No.			

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



NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°09'08.71" (32.152420°)	LONGITUDE = 104°13'08.79" (104.219108°)
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°09'08.28" (32.152300°)	LONGITUDE = 104°13'07.00" (104.218611°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 419204.57' E: 576687.36'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 419147.01' E: 535504.34'	

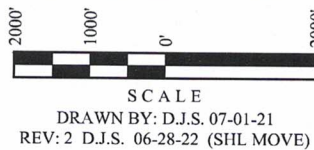
NAD 83 (LP/FTP)	
LATITUDE = 32°09'05.81" (32.151614°)	LONGITUDE = 104°12'50.12" (104.213923°)
NAD 27 (LP/FTP)	
LATITUDE = 32°09'05.38" (32.151493°)	LONGITUDE = 104°12'48.34" (104.213426°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 418912.84' E: 578292.33'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 418855.26' E: 537109.27'	

NAD 83 (LTP/BHL)	
LATITUDE = 32°06'30.39" (32.108443°)	LONGITUDE = 104°12'48.74" (104.213538°)
NAD 27 (LTP/BHL)	
LATITUDE = 32°06'29.96" (32.108322°)	LONGITUDE = 104°12'46.95" (104.213043°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 403208.44' E: 578428.87'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 403151.16' E: 537245.55'	

- = SURFACE HOLE LOCATION
- ◆ = LANDING POINT/
FIRST TAKE POINT
- = LAST TAKE POINT/
BOTTOM HOLE LOCATION
- ▲ = 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)

LINE	DIRECTION	LENGTH
L1	S79°27'30"E	1631.65'
L2	N89°47'30"W	2638.47'
L3	N89°48'34"W	2642.05'
L4	N00°58'58"W	2651.95'
L5	N00°30'47"W	2650.69'



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.

Cassie Culpepper 11/7/2023

Signature Date

Cassie Culpepper
Printed Name

cassie.culpepper@coterra.com
E-mail Address

EXHIBIT 2-A

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.

June 17, 2022

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

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Phone: (575) 393-6161 Fax: (575) 393-0720
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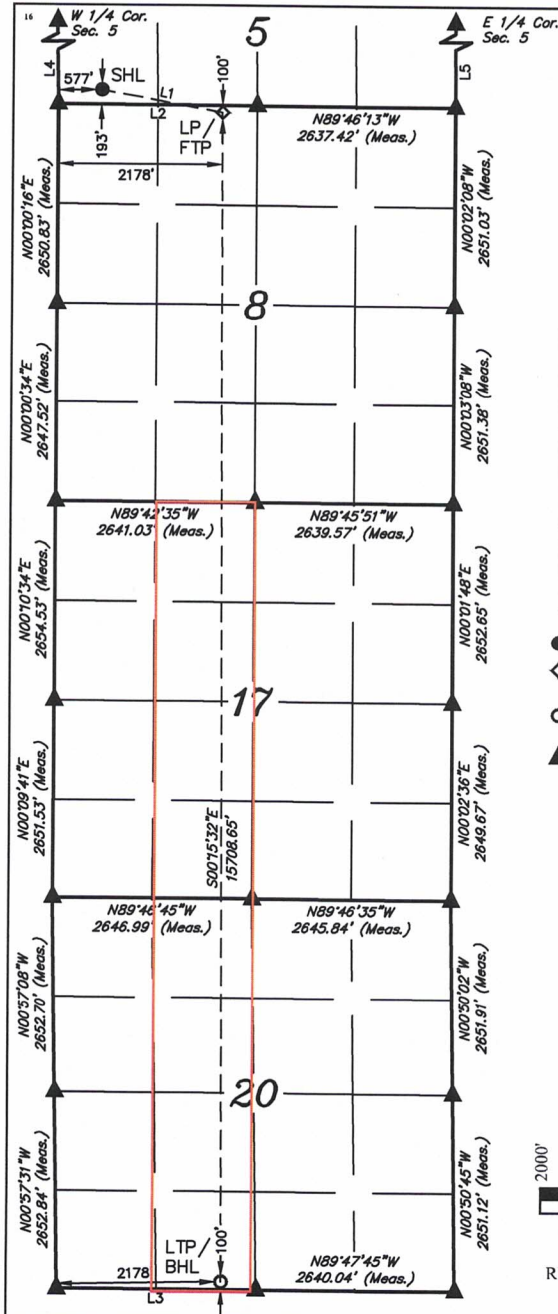
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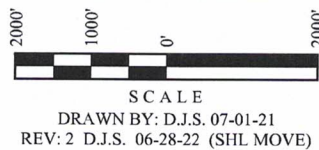
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Cassie Culpepper 11/7/2023

Signature Date

Cassie Culpepper

Printed Name

cassie.culpepper@coterra.com

E-mail Address

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