

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

**APPLICATION OF PRIDE ENERGY COMPANY
FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO**

Case No. 22853

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT
AND COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

**Case No. 23295
Order No. R-23132**

NOTICE OF FILING: REVISED HEARING PACKET

Coterra Energy Operating Co. ("Coterra"), through its undersigned attorneys, hereby submits for filing the following Revised Hearing Packet, attached hereto as Coterra Exhibit 1, in Case No. 23295, in order to include four supplemental exhibits, Exhibit S-1, Exhibit S-2, Exhibit S-3 and Exhibit S-4, and the two updated pooling applications, filed on August 8, 2025, to supplement the original pooling applications which are required to be included in a hearing packet.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage

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Attorneys for Coterra Energy Operating Co.

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was filed with the New Mexico Oil Conservation Division and was served on counsel of record via electronic mail on August 12, 2025:

James Bruce – jamesbruc@aol.com
Attorney for Pride Energy Company

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***Attorneys for ConocoPhillips Company, COG Operating LLC,
Concho Oil & Gas, LLC, and Marathon Oil Permian LLC***

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Attorneys for Chevron U.S.A. Inc.

/s/ Darin C. Savage

Darin C. Savage

**BEFORE THE OIL CONSERVATION DIVISION
EXAMINER HEARING JULY 20, 2023**

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

REVISED HEARING PACKET

Case No. 23295:

**Showbiz 13-12 State Com 101H Well
Showbiz 13-12 State Com 201H Well
Showbiz 13-12 State Com 301H Well**



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

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- Exhibit C-1: 3rd Bone Spring Sand Is the Established Target Near the Subject Lands
- Exhibit C-2: CTRA Test Proves 3rd Bone Spring is Superior to Wolfcamp
- Exhibit C-3: Other Operators Prove 3rd Bone Spring is Superior to Wolfcamp
- Exhibit C-4: Public HFTS-2 Study, Delaware Basin
- Exhibit C-5: Proposed Plan to Protect Correlative Rights
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Exhibit D: Self-Affirmed Statement of Notice, Darin C. Savage

- Exhibit D-1: Notice Letters
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TAB 1

Reference for Case No. 23295

- **Application Case No. 23295:**
SHOWBIZ 13-12 STATE COM 101H WELL
SHOWBIZ 13-12 STATE COM 201H WELL
SHOWBIZ 13-12 STATE COM 301H WELL
- **NMOCD Checklist Case No. 23295**
- **Updated Application (First and Second Bone Spring Formations):**
SHOWBIZ 13-12 STATE COM 101H WELL
SHOWBIZ 13-12 STATE COM 201H WELL
- **Updated Application (Wolfbone Pool):**
SHOWBIZ 13-12 STATE COM 301H WELL



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

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID No. 215099, through its undersigned attorneys, hereby files this Application with the Oil Conservation Division ("Division") pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order (1) establishing a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation, designated as an oil pool, underlying said unit.

In support of its Application, Cimarex states the following:

1. Cimarex is a working interest owner in the proposed horizontal spacing and proration unit ("HSU") and has a right to drill a well thereon.
2. This Application is filed in competition with the application filed by Pride Energy Company in Case No. 22853 for a contested hearing on February 16, 2023, pursuant to Amended Pre-hearing Order dated November 17, 2022.
3. Cimarex proposes and dedicates to the HSU three initial wells: the **Showbiz 13-12 State Com 101H Well**, the **Showbiz 13-12 State Com 201H Well**, and the **Showbiz 13-12 State Com 301H Well** to be drilled to a sufficient depth to test the Bone Spring formation.

4. Cimarex proposes the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

5. Cimarex proposes the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

6. Cimarex proposes the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

7. The proposed wells are orthodox in their location, and the take points and completed interval comply with setback requirements under the statewide rules.

8. Cimarex's good-faith review of the Division records revealed no apparent overlapping units; if an overlapping unit should be discovered, the Applicant will provide notice to affected persons during the permitting process pursuant to Rule 19.15.15.12B(1).

9. Cimarex has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

10. The pooling of all interests in the Bone Spring formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

11. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Cimarex requests that all uncommitted interests in this HSU be pooled and that Cimarex be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Cimarex requests that this Application be set for a hearing on February 2, 2023, in order that the Application be available for a contested hearing on February 16, 2023, before an Examiner of the Oil Conservation Division, pursuant to Amended Pre-hearing Order dated November 17, 2022, as referenced herein, and after notice and hearing as required by law, the Division enter an order:

A. Establishing a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico;

B. Pooling all uncommitted mineral interests in the Bone Spring formation underlying the proposed HSU.

C. Approving three initial wells for the HSU: the **Showbiz 13-12 State Com 101H Well**, the **Showbiz 13-12 State Com 201H Well**, and the **Showbiz 13-12 State Com 301H Well**.

D. Designating Cimarex as operator of this HSU and the horizontal wells to be drilled thereon;

E. Authorizing Cimarex to recover its costs of drilling, equipping, and completing the wells;

F. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

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

Respectfully submitted,

ABADIE & SCHILL, PC

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Attorneys for Cimarex Energy Co.

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Application of Cimarex Energy Co. for a Horizontal Spacing and Proration Unit and Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) establishing a standard 320-acre, more or less, horizontal spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. The proposed wells to be dedicated to the horizontal spacing unit are as follows: the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; and the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under the statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15.5 miles north-northeast of Halfway, New Mexico.

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COMPULSORY POOLING APPLICATION CHECKLIST	
ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS	
Case: 23295	APPLICANT'S RESPONSE
Date: July 20, 2023 (Scheduled hearing)	
Applicant	Cimarex Energy Co.
Designated Operator & OGRID (affiliation if applicable)	215099
Applicant's Counsel:	Darin C. Savage, Abadie & Schill, P.C.
Case Title:	APPLICATION OF CIMAREX ENERGY CO FOR A HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, LEA COUNTY, NEW MEXICO
Entries of Appearance/Intervenors:	Pride Energy Company ConocoPhillips Company COG Operating LLC Concho Oil & Gas, LLC Marathon Oil Permian LLC
Well Family	SHOWBIZ
Formation/Pool	
Formation Name(s) or Vertical Extent:	Bone Spring
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Bone Spring formation
Pool Name and Pool Code:	Scharb; Bone Spring Pool [Code: 55610]
Well Location Setback Rules:	Statewide Rules
Spacing Unit	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	320.00 acre, more or less
Building Blocks:	Quarter-Quarter Sections (40 Acre Blocks)
Orientation:	South to North
Description: TRS/County	W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe and is approval of non-standard unit requested in this application?	Yes, Standard Spacing Unit
Other Situations	
Depth Severance: Y/N. If yes, description	No, N/A
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	No
Applicant's Ownership in Each Tract	See Exhibit A-2, breakdown of ownership
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

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Well #1	Showbiz 13-12 State Com 101H Well (API No. 30-015-Pending), SHL: Unit M, 216' FSL, 250' FWL, Section 13, T19S-R34E; BHL: Unit D, 100' FNL, 330' FWL, Section 12, T19S-R34E, NMPM; Lea County, New Mexico, standup, standard location
Horizontal Well First and Last Take Points	Showbiz 13-12 State Com 101H Well: FTP 216' FSL, 250' FWL Section 13; LTP 100' FNL, 330' FWL Section 12
Completion Target (Formation, TVD and MD)	Showbiz 13-12 State Com 101H Well: TVD approx. 9560', TMD 19,600'; Bone Spring formation, See Exhibit A, A-1 & B-2
Well #2	Showbiz 13-12 State Com 201H Well (API No. 30-015-Pending), SHL: Unit M, 216' FSL, 230' FWL, Section 13, T19S-R34E; BHL: Unit D, 100' FNL, 330' FWL, Section 12, T19S-R34E, NMPM; Lea County, New Mexico, standup, standard location
Horizontal Well First and Last Take Points	Showbiz 13-12 State Com 201H Well: FTP 216' FSL, 230' FWL Section 13; LTP 100' FNL, 330' FWL Section 12
Completion Target (Formation, TVD and MD)	Showbiz 13-12 State Com 201H Well: TVD approx. 10,360', TMD 20,360'; Bone Spring formation, See Exhibit A, A-1 & B-2
Well #3	Showbiz 13-12 State Com 301H Well (API No. 30-015-Pending), SHL: Unit M, 216' FSL, 210' FWL, Section 13, T19S-R34E; BHL: Unit D, 100' FNL, 330' FWL, Section 12, T19S-R34E, NMPM; Lea County, New Mexico, standup, standard location
Horizontal Well First and Last Take Points	Showbiz 13-12 State Com 201H Well: FTP 216' FSL, 210' FWL Section 13; LTP 100' FNL, 330' FWL Section 12
Completion Target (Formation, TVD and MD)	Showbiz 13-12 State Com 301H Well: TVD approx. 10,815', TMD 20,865'; Bone Spring formation, See Exhibit A, A-1 & B-2
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7000, Exhibit A, A-3
Production Supervision/Month \$	\$700, Exhibit A, A-3
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit D, D-1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit D-2
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit D-3
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2

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If approval of Non-Standard Spacing Unit is requested, Tract List (including lease numbers and owners) of Tracts subject to notice requirements.	N/A
Pooled Parties (including ownership type)	All uncommitted WI owners; ORRI owners; and Record Title owners; including as shown on Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A, Para. 21
Ownership Depth Severance (including percentage above & below)	N/A
Joinder	
Sample Copy of Proposal Letter	Exhibit A-3
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-2
Chronology of Contact with Non-Joined Working Interests	Exhibit A-4
Overhead Rates In Proposal Letter	Exhibit A-3
Cost Estimate to Drill and Complete	Exhibit A-3
Cost Estimate to Equip Well	Exhibit A-3
Cost Estimate for Production Facilities	Exhibit A-3
Geology	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-2, B-3
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-7
Well Orientation (with rationale)	Exhibit B, B-2, B-3
Target Formation	Exhibit B-4, B-5, B-7
HSU Cross Section	Exhibit B-4, B-7
Depth Severance Discussion	N/A
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-2
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit A-1, B-2, B-3, B-7
Structure Contour Map - Subsea Depth	Exhibit B-2
Cross Section Location Map (including wells)	Exhibit B-4, B-5, B-7
Cross Section (including Landing Zone)	Exhibit B-4, B-5, B-7
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):	Darin C. Savage
Signed Name (Attorney or Party Representative):	/s/ <i>Darin Savage</i>
Date:	Date 7-13-2023

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

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 23295

**APPLICATION OF PRIDE ENERGY COMPANY
FOR COMPULSORY POOLING, LEA COUNTY,
NEW MEXICO**

Case No. 22853

PREHEARING STATEMENT

Cimarex Energy Co. ("Cimarex"), OGRID No. 215099, through its undersigned attorneys, submits the following Prehearing Statement pursuant to the rules of the Oil Conservation Division ("Division").

APPEARANCES

APPLICANT

Cimarex Energy Co.

ATTORNEY

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APPLICANT'S STATEMENT OF CASES

The above-referenced cases represent a dispute between Cimarex and Pride Energy Company ("Pride") over which formation to drill (the Bone Spring or the Wolfcamp) in order to optimize production, protect correlative rights, and prevent waste in the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico ("Subject Lands").

In Case No. 23295, Cimarex seeks an order pooling all uncommitted interests in the Bone Spring formation, designated as an oil pool, underlying the Subject Lands. Cimarex proposes and dedicates to the unit three initial wells: the **Showbiz 13-12 State Com 101H Well**, the **Showbiz 13-12 State Com 201H Well**, and the **Showbiz 13-12 State Com 301H Well** to be drilled to a sufficient depth to test the Bone Spring formation.

Cimarex proposes the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location

in the NW/4 NW/4 (Unit D) of Section 12. Cimarex proposes the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. And, Cimarex proposes the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. The proposed wells are orthodox in their location, and the take points and completed interval comply with setback requirements under the statewide rules.

In Case No. 22853, Pride seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying the Subject Lands. Pride proposes to drill the Go State Com. Well No. 401H to a depth to test the Wolfcamp formation, and to dedicate the W/2 W/2 of Sections 12 and 13 thereto. The well has a first take point in the SW/4 SW/4 of Section 13 and a last take point in the NW/4 NW/4 of Section 12.

Cimarex maintains that because there is no baffle between the Bone Spring and the Wolfcamp formation, there is substantial communication between the formations. Cimarex also maintains that the best reservoir for production resides in the Bone Spring formation and drilling the Wolfcamp at the depth and in the proximity proposed by Pride would result in drainage of the Bone Spring and a violation of correlative rights. Therefore, Cimarex maintains that the prevention of waste and protection of correlative require that the two development plans be mutually exclusive; thus, only one development plan should be approved for the Subject Lands, unless Pride is willing to lower its landing zone in the Wolfcamp so as not to drain the 3rd Bone Spring.

APPLICANT'S PROPOSED EVIDENCE

WITNESS	ESTIMATED TIME	EXHIBITS
Landman: John Coffman	Approx. 45 min	Approx. 7
Qualifications: I graduated in 2018 from Texas Tech University with a bachelor's degree in Business Administration with an emphasis on Energy Commerce. I have worked at Cimarex for		

approximately 4 years, and I have been working in New Mexico for 4 years. My credentials as an expert witness in petroleum land matters have been accepted by the Division and made a matter of record.

Geologist: Staci Mueller

Approx. 40 min

Approx. 9

Qualifications: I have a Bachelor of Science Degree in Geophysical Engineering from Colorado School of Mines, and a Master of Science Degree in Geophysics from Colorado School of Mines. I have worked on New Mexico Oil and Gas matters since July 2018. My credentials as an expert witness in geology have been accepted by the Division and made a matter of record.

Engineer: Mark McCoy

Approx. 35 min

Approx. 5

Qualifications: I hold a Bachelor's degree in Mechanical Engineering obtained from the University of Oklahoma. I completed my education in 2021. I have been employed full-time as a reservoir engineer with Cimarex/Coterra since June 2021. I have not testified previously before the Division but have provided among my exhibits a one-page resume for the Division's review and request that based on my credentials, that I be accepted as an expert witness in engineering.

LIST OF MATERIAL FACTS NOT IN DISPUTE

Parties are in general agreement that there is some form of communication between the Bone Spring and Wolfcamp formations but may disagree over the extent.

LIST OF DISPUTED FACTS AND ISSUES

The central issue in Cimarex's Case No. 23295 and Pride's competing Case No. 22853 is which formation, the Bone Spring or the Wolfcamp, should be produced and which development plan should be selected in order to optimize production in the Subject Lands, prevent waste, and protect correlative rights.

PROCEDURAL MATTERS

None.

Respectfully submitted,

ABADIE & SCHILL, PC

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Attorneys for Cimarex Energy Co.

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing was filed with the New Mexico Oil Conservation Division and was served on counsel of record via electronic mail on July 13, 2023:

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/s/ Darin C. Savage

Darin C. Savage

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

**APPLICATION OF COTERRA ENERGY CO.
FOR A COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Coterra Energy Operating Co. (“Coterra”), OGRID No. 215099, pursuant to its change of name from Cimarex Energy Co. to Coterra,¹ and through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order pooling all uncommitted mineral interests in the Bone Spring formation, from the top of the Bone Spring to the base of the Second Bone Spring, excluding the Third Bone Spring formation that is encompassed in the Wolfbone Pool, underlying a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico.

In support of its Application, Coterra states the following:

1. Coterra is a working interest owner in the proposed horizontal spacing and proration unit (“HSU”) and has a right to drill a well thereon.
2. This Application, updated from the application filed in Case No. 23295, seeking to pool all of the Bone Spring formation except for the Third Bone Spring that has been included in the Wolfbone Pool, is filed in competition with the updated application filed by Pride Energy Company (“Pride”), that updated the application it filed in Case No. 22853.

¹ Cimarex Energy Co. has changed its name to Coterra Energy Co., by Certificate of Amendment with the Secretary of the State of Delaware.

**UPDATED
APPLICATION**

3. Coterra proposes and dedicates to the HSU two initial wells: the **Showbiz 13-12 State Com 101H Well**, and the **Showbiz 13-12 State Com 201H Well**, to be drilled to sufficient depths to test the First and Second Bone Spring formations.

4. Coterra proposes the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

5. Coterra proposes the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

6. The proposed wells are orthodox in their location, and the take points and completed interval comply with setback requirements under the statewide rules.

7. Coterra's good-faith review of the Division records revealed no apparent overlapping units; if an overlapping unit should be discovered, the Applicant will provide notice to affected persons during the permitting process pursuant to Rule 19.15.15.12B(1).

8. Coterra has sought in good faith but has been unable to obtain voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

9. The pooling of all interests in the Bone Spring formation within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

10. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Coterra requests that all uncommitted interests in this HSU be pooled and that Coterra be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Coterra requests that this Application be set for a hearing on October 9th, 2025, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

A. Pooling all uncommitted mineral interests in the Bone Spring formation (from the top of the Bone Spring to the base of the Second Bone Spring) underlying a standard 320-acre, more or less, spacing unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico;

B. Approving two initial wells for the HSU: the **Showbiz 13-12 State Com 101H Well**, and the **Showbiz 13-12 State Com 201H Well**;

C. Designating Coterra as operator of this HSU and the horizontal wells to be drilled thereon;

D. Authorizing Coterra to recover its costs of drilling, equipping, and completing the wells;

E. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

F. Setting a 200% charge for the risk assumed by Coterra in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ Darin C. Savage

Darin C. Savage

Andrew D. Schill
William E. Zimsky

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Santa Fe, New Mexico 87501
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bill@abadieschill.com

Attorneys for Coterra Energy Operating Co.

Application of Coterra Energy Operating Co. for a Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted mineral interests in the Bone Spring formation, from the top of the Bone Spring to the base of the second Bone Spring, excluding the Third Bone Spring formation encompassed in the Wolfbone Pool, underlying a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico. The proposed wells to be dedicated to the horizontal spacing unit are as follows: the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; and the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under the statewide Rules; also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15.5 miles north-northeast of Halfway, New Mexico.

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

**APPLICATION OF COTERRA ENERGY CO.
FOR A COMPULSORY POOLING,
LEA COUNTY, NEW MEXICO**

Case No. _____

APPLICATION

Coterra Energy Operating Co. (“Coterra”), OGRID No. 215099, pursuant to its change of name from Cimarex Energy Co. to Coterra,¹ and by through its undersigned attorneys, hereby files this Application with the Oil Conservation Division (“Division”) pursuant to the provisions of NMSA 1978, Section 70-2-17, for an order pooling all uncommitted mineral interests in the Wolfbone Pool, designated as an oil pool, encompassing of the Third Bone Spring and the Upper Wolfcamp formations, underlying a standard 320-acre, more or less, spacing unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico,.

In support of its Application, Coterra states the following:

1. Coterra is a working interest owner in the proposed horizontal spacing and proration unit (“HSU”) and has a right to drill a well thereon.
2. This Application, updated from the application filed in Case No. 23295, to include an allocation formula and account for production of the Wolfbone Pool, is filed in competition with the updated application filed by Pride Energy Company (“Pride”), that updated the application it filed in Case No. 22853.

¹ Cimarex Energy Co. has changed its name to Coterra Energy Co., by Certificate of Amendment with the Secretary of the State of Delaware.

**UPDATED
APPLICATION**

3. Coterra proposes and dedicates to the HSU the **Showbiz 13-12 State Com 301H Well**, as an initial well, to be drilled to a sufficient depth to test the Wolfbone Pool, targeting the basal Third Bone Spring of said Pool.

4. Coterra proposes the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12.

5. The proposed well is orthodox in their location, and the take points and completed interval comply with setback requirements under the statewide rules.

6. In order to account for the depth severance that creates non-uniform ownership between the Third Bone Spring and Upper Wolfcamp and the open communication between the two formations, Coterra concludes that the use of an allocation formula is fundamentally necessary to protect correlative rights. As a result, Coterra proposes a version of the allocation formula used by the Oil Conservation Commission (“OCC”) as approved by the New Mexico Supreme Court in *Rutters & Wilbanks Corp. v. OCC*, 1975-NMSC-006, ¶ 27, 532 P.2d 582, 588, but tailoring the formula to account for the predominance of the Third Bone Spring formation in the Wolfbone Pool by using a PhiH-based percentage of 66.4% for the Third Bone Spring and a PhiH-based percentage of 33.6% for the Upper Wolfcamp. *See* Coterra’s Updated Closing Statement In Support of its Development Plan for the Wolfbone Pool, ¶ 10, filed August 8, 2025, in Case No. 23295, for full explanation of the Phi-based allocation formula.

7. Should the Division have an issue with use of the PhiH factor, then in the alternative, Coterra offers a version of the *Rutter’s* allocation formula calibrated by the productive vertical extent of the Third Bone Spring formation in the Wolfbone and productive vertical extent the Upper Wolfcamp formation in the Wolfbone. By only using the productive vertical extent of

the formation the metric, and excluding sections that are nonporous and nonproductive, such as the carbonite layers, Coterra offers the reasonable compromise of a 50/50 split of production between the formations in the Wolfbone after individual ownerships in the Third Bone Spring and Upper Wolfcamp are determined. *See id.*, ¶¶ 12-14. Coterra leaves it to the discretion and wisdom of the Division to choose which allocation formula to apply to the Wolfbone Pool underlying the Subject Lands for the protection correlative rights and to prevent the unlawful taking of hydrocarbons.

8. Coterra's good-faith review of the Division records revealed no apparent overlapping units; if an overlapping unit should be discovered, the Applicant will provide notice to affected persons during the permitting process pursuant to Rule 19.15.15.12B(1).

9. Coterra has sought in good faith, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed HSU.

10. The pooling of all interests in the Wolfbone Pool underlying the Subject Lands within the proposed HSU, and creation of the spacing unit, will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.

11. In order to provide for its just and fair share of the oil and gas underlying the subject lands, Coterra requests that all uncommitted interests in this HSU be pooled and that Coterra be designated the operator of the proposed horizontal wells and HSU.

WHEREFORE, Coterra requests that this Application be set for a hearing on October 9th, 2025, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted mineral interests in the Wolfbone Pool, encompassing the Bone Spring and Upper Wolfcamp formations, underlying a standard 320-acre, more or less, spacing unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico;
- B. Approving the **Showbiz 13-12 State Com 301H Well**, as the initial well, for the HSU;
- C. Designating Coterra as the operator of this HSU and the horizontal wells to be drilled thereon;
- D. Designating Coterra's allocation formula as the necessary formula for protecting correlative rights and preventing an unconstitutional taking of hydrocarbons;
- E. Authorizing Coterra to recover its costs of drilling, equipping, and completing the wells;
- F. Approving actual operating charges and costs of supervision, to the maximum extent allowable, while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- G. Setting a 200% charge for the risk assumed by Coterra in drilling and completing the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,

ABADIE & SCHILL, PC

/s/ *Darin C. Savage*

Darin C. Savage

Andrew D. Schill
William E. Zimsky

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Attorneys for Coterra Energy Operating Co.

Application of Coterra Energy Operating Co. for a Compulsory Pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order an order pooling all uncommitted mineral interests in the Wolfbone Pool, designated as an oil pool, encompassing the Third Bone Spring and Upper Wolfcamp formations, underlying a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico The proposed well to be dedicated to the horizontal spacing unit is the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. The well will be orthodox, and the take points and completed intervals will comply with the setback requirements under the statewide Rules; also to be considered will be the proper allocation formula to account for nonuniform ownership across a depth severance in the Wolfbone Pool; the cost of drilling and completing the well and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15.5 miles north-northeast of Halfway, New Mexico.

TAB 2

Exhibit A: Self-Affirmed Statement of John Coffman, Landman

- Exhibit A-1: C-102 Forms
- Exhibit A-2: Ownership and Sectional Map
- Exhibit A-3: Well Proposal Letters and AFEs
- Exhibit A-4: Chronology of Contacts with Uncommitted Owners



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

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

Case No. 23295

SELF-AFFIRMED STATEMENT OF JOHN COFFMAN

I, being duly sworn on oath, state the following:

1. I am over the age of eighteen years and have the capacity to execute this Self-Affirmed Statement, which is based on my personal knowledge.

2. I am employed as a Landman with Coterra Energy Inc., and its subsidiary Cimarex Energy Co. (collectively "Cimarex"), and I am familiar with the application of Pride Energy Company ("Pride") and the lands involved.

3. I graduated in 2018 from Texas Tech University with a bachelor's degree in Business Administration with an emphasis on Energy Commerce. I have worked at Cimarex for approximately 4 years, and I have been working in New Mexico for 5 years. My credentials as an expert witness in petroleum land matters have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.

4. Cimarex received notice that Pride filed an application in Case No. 22853 for a compulsory pooling of uncommitted mineral interest owners in the Wolfcamp formation underlying the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, ("Subject Lands"), where Pride dedicated to the unit its Go State Com Well No. 401H.



5. While evaluating Pride's development plan, Cimarex discovered that the landing zone for Pride's 401H Well was at the very top of the Wolfcamp formation, within 100 feet of the base of the 3rd Bone Spring, which Cimarex owns a majority (50%) working interest. This was concerning because Cimarex has a substantial amount of mineral interest in that same proximity, as did a number of other mineral interest owners, and Cimarex became concerned about drainage due to the close proximity of Pride's wellbore to the base of the Bone Spring. It was clear from the analysis of our geologist and engineer that in the Subject Lands there is extensive communication of hydrocarbons between the Bone Spring and Wolfcamp formations due to a lack of a natural barrier between the two formations.

6. On July 5, 2022, Cimarex filed an objection to hearing of the Case by Affidavit, and a Status Conference was held on September 15, 2022, from which a Pre-hearing Order was issued setting a hearing date for November 17, 2022.

7. During the time from September to December 2022, Cimarex had made good faith efforts to negotiate a resolution with Pride. Pride and Cimarex had discussed blending contractual interest across the formations, a cash offer, and a carry offer, none of which had led to a mutually agreeable outcome.

8. Cimarex also had asked Pride to lower the landing zone of the wellbore, to no avail. Cimarex asked Pride if it would consider lowering the landing zone of its 401H Well from within 100 feet of the base of the 3rd Bone Spring to a greater distance of approximately 300 feet from the base of the 3rd Bone Spring. Cimarex's geologist and engineer, as described in their statements, believed this was a reasonable proposal that would have allowed Pride to develop more directly and fully what it claimed to be its target formation, the Wolfcamp, which would also have protected Cimarex's and the other mineral owners' correlative rights in the 3rd Bone Spring. However, Pride

refused to adjust the location of the landing zone to target more directly the Wolfcamp, which indicated to us that Pride's actual intent was to use its ownership in the Wolfcamp to drill a lateral that closely skirts the base of the 3rd Bone Spring in order to exploit the excessive communication of hydrocarbons between the formations and thereby pursue the de facto development of the Bone Spring.

9. When Cimarex began looking at how Pride was planning to develop the Subject Lands in comparison with how lands in the area have been traditionally developed, we became further concerned that not only did drainage threaten to violate and undermine correlative rights of the mineral owners in the Bone Spring, but that drilling the Wolfcamp was neither the proper nor the best way to develop the Subject Lands to optimize production and prevent waste, as our geologist and engineer show in their exhibits.

10. The history and practice of developing lands in this area, which includes the Subject Lands, show a clear pattern of drilling and developing the Bone Spring, not the Wolfcamp, in order to optimize production and thereby prevent waste, as shown by our exhibits herein.

11. This pattern is even demonstrated by the wells that Pride itself has previously drilled in the Subject Lands: Pride has drilled six wells in Section 13 of the Subject lands, Go State Com 101H, 102H, 203H, 204H, 305H, and 306H Wells, and all of the wells target the Bone Spring formation, with the 305H Well (API No. 30-025-48908) and 306H Well (API No. 30-025-48909) specifically targeting the 3rd Bone Spring. None of the six Wells target the Wolfcamp, and the other two wells drilled by Pride in Section 13 (Go State 001H and 002H Wells) do not target the Wolfcamp. Thus, the history of development of the lands in this area shows that targeting the Wolfcamp is not the proper approach for optimal development.

12. In accordance with what Cimarex demonstrates to be the proper and best approach for developing the Subject Lands, that being to drill and develop the Bone Spring formation, Cimarex in Case No. 23295 seeks an order pooling all uncommitted mineral interest in the Bone Spring formation (SCHARB; BONE SPRING: [55610]) underlying a standard 320-acre, more or less, horizontal spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMNM, Lea County, New Mexico. This self-affirmed statement is submitted in connection with the filing by Cimarex of its compulsory pooling application in the above-referenced Case No. 23295 pursuant to 19.15.4.12.A(1), and Cimarex proposes and dedicates to the unit three initial wells: the **Showbiz 13-12 State Com 101H Well**, the **Showbiz 13-12 State Com 201H Well**, and the **Showbiz 13-12 State Com 301H Well**, as follows:

13. Cimarex proposes the **Showbiz 13-12 State Com 101H Well** (API 30-015-pending) to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; approximate TVD of 9,560'; approximate TMD of 19,600'; FTP in Section 13: 216' FSL, 250' FWL; LTP in Section 12: 100' FNL, 330' FWL.

14. Cimarex proposes the **Showbiz 13-12 State Com 201H Well** (API 30-015-pending) to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; approximate TVD of 10,360'; approximate TMD of 20,360'; FTP in Section 13: 216' FSL, 230' FWL; LTP in Section 12: 100' FNL, 330' FWL.

15. Cimarex proposes the **Showbiz 13-12 State Com 301H Well** (API 30-015-pending) to be horizontally drilled from a surface location in SW/4 SW/4 (Unit M) of Section 13

to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; approximate TVD of 10,815'; approximate TMD of 20,865'; FTP in Section 13: 216' FSL, 210' FWL; LTP in Section 12: 100' FNL, 330' FWL.

16. The proposed C-102 for each well is attached as **Exhibit A-1**.

17. A general location plat and a plat outlining the units being pooled is attached hereto as **Exhibit A-2**, which show the location of the proposed well within the unit. The location of each well is orthodox, and they meet the Division's offset requirements.

18. The parties being pooled, the nature of their interests, and their last known addresses are listed on **Exhibit A-2** attached hereto. **Exhibit A-2** includes information regarding working interest owners and overriding royalty interest owners.

19. There are no depth severances in the Bone Spring formation in this acreage.

20. A review of records did not reveal any overlapping units.

21. I provided the law firm of Abadie & Schill P.C. a list of names and addresses for the uncommitted interest owners shown on **Exhibit A-2**. In compiling these addresses, I conducted a diligent search of the public records in Lea County, New Mexico, where the wells are located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. All working interest owners were locatable and noticed; there were no unlocatable parties who were overriding interest owners. Four (4) of the mailings to ORRI owners are still listed as in-transit, therefore the locations have not been confirmed for: Post Oak Crown IV, LLC, Post Oak Crown IV-B, LLC, H. Jason Wacker and Post Oak Crown Minerals, LLC. Cimarex published notice in the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, to account for any unlocatable parties and cover any contingencies regarding notice.

22. Cimarex has made a good faith effort to negotiate with the interest owners, but has been unable to obtain, voluntary agreement from all interest owners to participate in the drilling of the wells or in the commitment of their interests to the wells for their development within the proposed horizontal spacing unit. **Exhibit A-4** provides a chronology and history of contacts with the owners.

23. The interest owners being pooled have been contacted regarding the proposed wells but have failed or refused to voluntarily commit their interest in the wells. However, Cimarex has been in ongoing discussions with some of the interest owners to voluntarily enter into a Joint Operating Agreement. If a mutually agreeable Joint Operating Agreement is reached between Cimarex and another interest owner or owners, Cimarex requests that the voluntary agreement become operative and supersede the Division's order for said parties, except to the extent the Division deems it necessary to maintain spacing criteria for the purpose of conservation, the prevention of waste, and protection of correlative rights.

24. **Exhibit A-3** is a sample proposal letter and the AFEs for each proposed well. The estimated cost of the wells set forth in the AFEs is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico.

25. Cimarex requests overhead and administrative rates of \$8,000/month for drilling each well and \$800/month for producing each well. These rates are fair and comparable to the rates charged by other operators for wells of this type in this area of southeastern New Mexico. Cimarex requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.

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

27. Cimarex requests that it be designated operator of the units and wells.

28. The Exhibits to this Statement were prepared by me or compiled from Cimarex's company business records under my direct supervision.

29. The granting of this Application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights, and will avoid the drilling of unnecessary wells.

30. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

Signature page of Self-Affirmed Statement of John Coffman:

I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23295 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief, and made under penalty of perjury under the laws of the State of New Mexico.


John Coffman

7/12/23
Date Signed

Received by OCD: 7/13/2023 4:57:51 PM

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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 55610	³ Pool Name Scharb; Bone Spring
⁴ Property Code	⁵ Property Name SHOWBIZ 13-12 STATE COM	
⁶ Well Number 101H	⁷ Operator Name CIMAREX ENERGY CO.	
⁸ OGRID No. 215099	⁹ Elevation 3853.3'	

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	13	19S	34E		216	SOUTH	250	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	19S	34E		100	NORTH	330	WEST	LEA
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

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)

Detail "A"
No Scale

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S34°52'40"E	140.51'

● = SURFACE HOLE LOCATION
◆ = LANDING POINT/
FIRST TAKE POINT
○ = LAST TAKE POINT/BOTTOM
HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

SCALE
DRAWN BY: N.D.T. 06-08-23

16

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.

Brittany Gordon 7/11/2023
Signature Date

Brittany Gordon
Printed Name

brittany.gordon@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.

June 07, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
06-08-23
PROFESSIONAL SURVEYOR

Certificate Number:

EXHIBIT A-1

Released to Imaging: 7/13/2023 4:58:32 PM

Received by OCD: 7/13/2023 4:57:51 PM

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District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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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 55610	³ Pool Name Scharb; Bone Spring
⁴ Property Code	⁵ Property Name SHOWBIZ 13-12 STATE COM	
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁶ Well Number 201H ⁹ Elevation 3852.1'

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	13	19S	34E		216	SOUTH	230	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	19S	34E		100	NORTH	330	WEST	LEA
¹² Dedicated Acres 320		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

¹⁶

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)

Detail "A"
No Scale

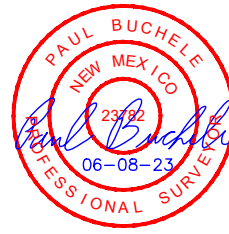
LINE TABLE

LINE	DIRECTION	LENGTH
L1	S41°04'32"E	152.72'

● = SURFACE HOLE LOCATION
◆ = LANDING POINT/
FIRST TAKE POINT
○ = LAST TAKE POINT/BOTTOM
HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

SCALE
DRAWN BY: N.D.T. 06-08-23

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.
Brittany Gordon 7/11/2023
Signature Date
Brittany Gordon
Printed Name
brittany.gordon@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.
June 07, 2023
Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

Released to Imaging: 7/13/2023 4:58:32 PM

Received by OCD: 7/13/2023 4:57:51 PM

Page 29 of 120

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 55610	³ Pool Name Scharb; Bone Spring
⁴ Property Code	⁵ Property Name SHOWBIZ 13-12 STATE COM	⁶ Well Number 301H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3851.7'

¹⁰ Surface Location

UL or lot no. M	Section 13	Township 19S	Range 34E	Lot Idn	Feet from the 216	North/South line SOUTH	Feet from the 210	East/West line WEST	County LEA
--------------------	---------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 12	Township 19S	Range 34E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 330	East/West line WEST	County LEA
¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

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)

Detail "A"
No Scale

LINE TABLE

LINE	DIRECTION	LENGTH
L1	S46°18'16"E	166.45'

● = SURFACE HOLE LOCATION
◆ = LANDING POINT/
FIRST TAKE POINT
○ = LAST TAKE POINT/BOTTOM
HOLE LOCATION
▲ = SECTION CORNER LOCATED
△ = SECTION CORNER
RE-ESTABLISHED.
(Not Set on Ground.)

SCALE
DRAWN BY: N.D.T. 06-08-23

16

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.

Brittany Gordon 7/11/2023
Signature Date

Brittany Gordon
Printed Name

brittany.gordon@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.

June 07, 2023
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
06-08-23
PROFESSIONAL SURVEYOR

Certificate Number:

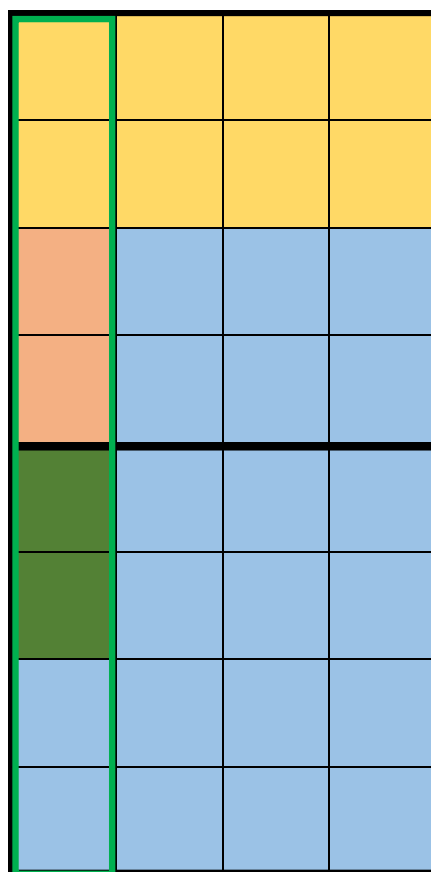
Released to Imaging: 7/13/2023 4:58:32 PM

Exhibit "A-2"

W/2W/2 of Section 12 and the W/2W/2 of Section 13, Township 19 South, Range 34 East of
Lea County, NM (PERMIAN/DELAWARE BASIN) – Bone Spring formation

Section 4

Section 9



Tract 1:

State of NM- V080241
(80.00 acres)



Tract 2:

State of NM- B0156512
(80.00 acres)



Tract 3:

State of NM-V067570
(80.00 acres)



Tract 4:

State of NM-OG47692
(80.00 acres)

**EXHIBIT
A-2**

Showbiz 13-12 State Com 101H**SHL: Sec. 13-19S-34E; 216' FSL and 250' FWL****BHL: Sec. 12-19S-34E; 100' FNL and 330' FWL****Showbiz 13-12 State Com 201H****SHL: Sec. 13-19S-34E; 216' FSL and 230' FWL****BHL: Sec. 12-19S-34E; 100' FNL and 330' FWL****Showbiz 13-12 State Com 301H****SHL: Sec. 13-19S-34E; 216' FSL and 210' FWL****BHL: Sec. 12-19S-34E; 100' FNL and 330' FWL****Exhibit "A-2"****OWNERSHIP BREAKDOWN – Bone Spring formation****W/2W/2 of Section 12 and the W/2W/2 of Section 13, Township 19 South, Range 34 East of
Lea County, NM****Showbiz 13-12 State Com 101H, 201H, 301H****TRACT 1 OWNERSHIP (W/2NW/4 of Section 12-T19S-R34E, being 80.00 acres)****Lease: State of NM- V080241**

Owner	Net Acres	Unit WI	Status
COG Operating LLC 550 W. Texas Ave, Suite 100 Midland, TX 79701	26.6	0.33250	Committed
Hanley Petroleum LLC 2501 Ridgmar Plaza Fort Worth, TX 76116	16.8	0.21000	Committed
Prospector, LLC 1801 West 2nd Roswell, NM 88201	8.0	0.10000	Uncommitted

Marathon Oil Permian, LLC 555 San Felipe Street Houston, TX 77056	11.6	0.14500	Uncommitted
Crump Family Partnership, Ltd. P.O. Box 50820 Midland, TX 79710	2.0	0.02500	Uncommitted
Buckhorn Energy, LLC 407 N. Big Spring St., Suite 240 Midland, TX 79701	2.0	0.02500	Uncommitted
LHAH Properties, LLC 2501 Ridgmar Plaza Fort Worth, TX 76116	2.0	0.02500	Committed
Warren Ventures, Ltd. 808 W. Wall Street Midland, TX 79701	2.0	0.02500	Uncommitted
Featherstone Development Group 1801 West 2nd Roswell, NM 88201	1.6	0.02000	Uncommitted
Concho Oil and Gas 550 W. Texas Ave, Suite 100 Midland, TX 79701	1.4	0.01750	Committed

CD Ray Exploration, LLC P.O. Box 51608 Midland, TX 79701	1.3334	0.016667	Uncommitted
Big Three Energy Group, LLC 1801 West 2nd Roswell, NM 88201	1.2	0.015000	Uncommitted
Parrot Head Properties, LLC 1801 West 2nd Roswell, NM 88201	1.2	0.015000	Uncommitted
H6 Holdings, LLC P.O. Box 1212 Midland, TX 79702	1.0	0.012500	Uncommitted
Sharktooth Resources, Ltd. 407 N. Big Spring St., Suite 240 Midland, TX 79701	0.6664	0.008333	Uncommitted
Tarpon Industries P.O. Box 50820 Midland, TX 79701	0.4	0.005000	Uncommitted
TBO Oil and Gas, LLC 4505 Mockingbird Lane Midland, TX 79701	0.2	0.002500	Uncommitted
TRACT 1 TOTAL	80.00	.25	

TRACT 2 OWNERSHIP (W/2SW/4 of Section 12-T19S-R34E, being 80.00 acres)**Lease:** State of NM- B0156512

Owner	Net Acres	Unit WI	Status
Chevron USA, Inc. 6301 Deauville Blvd Midland, TX 79706	80	1.0	Committed
TRACT 2 TOTAL	80.00	.25	

TRACT 3 OWNERSHIP (W/2NW/4 of Section 13-T19S-R34E, being 80 acres)**Lease:** State of NM-V067570

Owner	Net Acres	Unit WI	Status
Cimarex Energy Co. 6001 Deauville Blvd., Ste. 300N Midland, TX 79706	80	1.0	Committed
TRACT 3 TOTAL	80.00	.25	

TRACT 4 OWNERSHIP (W/2SW/4 of Section 13-T19S-R34E, being 80 acres)**Lease:** State of NM-OG47692

Owner	Net Acres	Unit WI	Status
Cimarex Energy Co. 6001 Deauville Blvd., Ste. 300N Midland, TX 79706	80	1.0	Committed
TRACT 3 TOTAL	80.00	.25	

Complete List of Parties/Persons to be Pooled:

Working Interest Owners

Cimarex Energy Co.
Chevron USA, Inc.
TBO Oil and Gas, LLC
Tarpon Industries
Sharktooth Resources, Ltd.
H6 Holdings, LLC
Parrot Head Properties, LLC
Big Three Energy Group, LLC
CD Ray Exploration, LLC
Concho Oil and Gas
Featherstone Development Group
Warren Ventures, Ltd.
LHAH Properties, LLC
Buckhorn Energy, LLC
Crump Family Partnership, Ltd.
Marathon Oil Permian, LLC
Prospector, LLC
Hanley Petroleum, LLC
COG Operating LLC

Overriding Royalty Owners

CD Ray Exploration, LLC
Crown Oil Partners, LP
Good News Minerals, LLC
Post Oak Crown IV, LLC
Post Oak Crown IV-B, LLC
Collins and Jones Investments, LLC

LMC Energy, LLC

H. Jason Wacker

David W. Cromwell

Kaleb Smith

Deane Durham

Mike Moylett

Post Oak Crown Minerals, LLC

Sortida Resources, LLC

Oak Valley Mineral and Land, LP

Mongoose Minerals, LLC

Record Title Owners

COG Operating LLC

Chevron USA Inc.

Pride Energy Company

ZPZ Delaware I, LLC

UNIT RECAPITULATION:

W/2W/2 of Section 12 and the W/2W/2 of Section 13; all in T19S-R34E; 320 acres

Cimarex Energy Co.	50 % WI
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Chevron USA Inc.	25% WI
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COG Operating LLC	8.3125% WI
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Hanley Petroleum LLC	5.25% WI
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Prospector LLC	2.5% WI
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Marathon Oil Permian	3.625% WI
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Crump Family Partnership	0.625%
Buckhorn Energy	0.625%
LHAH Properties	0.625%
Warren Ventures	0.625%
Featherstone Development Corp.	0.5000%
Concho Oil and Gas	0.4375%
CD Ray Exploration	0.4167%
Big Three Energy Group	0.375%
Parrot Head Properties	0.375%
H6 Holdings	0.3125%
Sharktooth Resources	0.2083%
Tarpon Industries	0.125%
TBO Oil and Gas	0.0625%



November 28, 2022

Big Three Energy Group LLC
P.O. Box 429
Roswell, NM 88202

**Re: Proposal to Drill
 Showbiz 13-12 State Com 101H, 201H, and 301H
 Sections 13 & 12, Township 19 South, Range 34 East
 Lea County, NM**

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the Showbiz 13-12 State Com 101H, 201H, and 301H wells at a legal location in Section 13, Township 19 South, Range 34 East, NMPM, Lea County, NM.

Showbiz 13-12 State Com 101H- The intended surface hole location for the well will be in the SW/4SW/4 of Section 13, Township 19 South, Range 34 East, and the intended bottom hole location is 100' FNL and 660' FWL of Section 12, Township 19 South, Range 34 East. The well is proposed to be drilled vertically to the 1st Bone Spring interval and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,648'.

Showbiz 13-12 State Com 201H - The intended surface hole location for the well will be in the SW/4SW/4 of Section 13, Township 19 South, Range 34 East, and the intended bottom hole location is 100' FNL and 660' FWL of Section 12, Township 19 South, Range 34 East. The well is proposed to be drilled vertically to the 2nd Bone Spring interval and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 10,362'.

Showbiz 13-12 State Com 301H - The intended surface hole location for the well will be in the SW/4SW/4 of Section 13, Township 19 South, Range 34 East, and the intended bottom hole location is 100' FNL and 660' FWL of Section 12, Township 19 South, Range 34 East. The well is proposed to be drilled vertically to the 3rd Bone Spring interval and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 10,843'.

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

EXHIBIT
A-3

Enclosed, in duplicate, is (i) our detailed AFE reflecting estimated costs associated with this proposal, and; (ii) our proposed form of Operating Agreement to govern operations of the Showbiz 13-12 State Com 101H, 201H and 301H wells. If you intend to participate, please approve and return one (1) original of the enclosed AFE, one (1) original of the signature page to the Operating Agreement, along with the contact information to receive your well data, to the undersigned within thirty (30) days of receipt of this proposal. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance to Cimarex prior to commencement of drilling operations; otherwise, you will be covered by insurance procured by Cimarex and will be responsible for your share of the cost.

Cimarex will file for force pooling for the Showbiz 13-12 State Com 101H-301H wells thirty (30) days after the receipt of this proposal.

If you elect not to participate, please so indicate on the attached election form and return it to the attention of the undersigned at the letterhead address.

Please call the undersigned at (432) 571-7883 with any questions or comments.

Respectfully,



John Coffman
Landman
John.coffman@coterra.com



Authorization For Expenditure Drilling

AFE # 26723015

Company Entity
CIMAREX ENERGY CO (001)

Date Prepared
11/29/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	SHOWBIZ 13-12 STATE COM 101H	QUAIL RIDGE PROSPECT	309617-255.01	26723015
County, State	Location	Estimated Spud	Estimated Completion	
Lea, NM	Sections 12-13, 19S-34E	7/17/2023		
☒ New ☐ Supplement ☐ Revision	Formation Bone Spring 1 /Sd/	Well Type DEV	Ttl Measured Depth 19,648	Ttl Vertical Depth 9,648

Purpose DRILL & COMPLETE - Showbiz 12-13 State Com 1H

Description

Intangible		Completed Well Cost
Completion Costs	\$8,192,587	\$8,192,587
Total Intangible Cost	\$8,192,587	\$8,192,587
Tangible		Completed Well Cost
Well Equipment	\$1,782,680	\$1,782,680
Lease Equipment	\$1,038,853	\$1,038,853
Total Tangible Cost	\$2,821,533	\$2,821,533
Total Well Cost	\$11,014,120	\$11,014,120

Comments On Well Costs

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

Well Control Insurance

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

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

Marketing Election

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

☐ I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

11/29/2022

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
101H

AFE # 26723015

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total	
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost	Cost
Roads & Location	DIDC.100	100,000			STIM.100	10,000	CON.100	63,921	PCOM.100	10,000	183,921	
Damages	DIDC.105	20,000					CON.105	4,155			24,155	
Mud/Fluids Disposal	DIDC.255	125,000			STIM.255	44,000			PCOM.255	0	169,000	
Day Rate	DIDC.115	549,000	DICC.120	120,000							669,000	
Misc Preparation	DIDC.120	20,000									20,000	
Bits	DIDC.125	62,000	DICC.125	0	STIM.125	0			PCOM.125	0	62,000	
Fuel	DIDC.135	43,000	DICC.130	0					PCOM.130	0	43,000	
Water for Drilling Rig (Not Frac Water)	DIDC.140	25,000	DICC.135	0	STIM.135	17,000			PCOM.135	0	42,000	
Mud & Additives	DIDC.145	285,000									285,000	
SWD PIPED TO 3RD PARTY SWD WELL									PCOM.257	95,040	95,040	
Surface Rentals	DIDC.150	98,000	DICC.140	0	STIM.140	122,000	CON.140	1,812	PCOM.140	90,000	311,812	
Downhole Rentals	DIDC.155	133,000			STIM.145	45,000			PCOM.145	0	178,000	
Flowback Labor					STIM.141	0			PCOM.141	30,000	30,000	
Automation Labor							CON.150	48,048	PCOM.150	5,000	53,048	
Mud Logging	DIDC.170	20,000					CON.165	24,824			20,000	
IPC & EXTERNAL PAINTING											24,824	
Cementing & Float Equipment	DIDC.185	180,000	DICC.155	63,000							243,000	
Tubular Inspections	DIDC.190	50,000	DICC.160	10,000	STIM.160	4,000			PCOM.160	0	64,000	
Casing Crews	DIDC.195	15,000	DICC.165	15,000	STIM.165	0					30,000	
Mechanical Labor	DIDC.200	28,000	DICC.170	10,000	STIM.170	0	CON.170	183,459	PCOM.170	10,000	231,459	
Trucking/Transportation	DIDC.205	18,000	DICC.175	8,000	STIM.175	4,000	CON.175	23,438	PCOM.175	0	53,438	
Supervision	DIDC.210	72,000	DICC.180	12,000	STIM.180	42,000	CON.180	27,913	PCOM.180	5,400	159,313	
Trailer House/Camp/Catering	DIDC.280	41,000	DICC.255	6,000	STIM.280	22,000					69,000	
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	74,000	CON.190	31,961	PCOM.190	0	110,961	
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000	
MOB/DEMOS	DIDC.240	110,000									110,000	
Directional Drilling Services	DIDC.245	321,000									321,000	
Solids Control	DIDC.260	35,000									35,000	
Well Control Equip (Snubbing Services)	DIDC.265	77,000	DICC.240	5,000	STIM.240	55,000			PCOM.240	0	137,000	
Completion Rig					STIM.115	21,000			PCOM.115	40,000	61,000	
Coil Tubing Services					STIM.260	137,000			PCOM.260	0	137,000	
Completion Logging/Perforating/Wireline					STIM.200	224,000			PCOM.200	0	224,000	
Composite Plugs					STIM.390	34,000			PCOM.390	0	34,000	
Stimulation Pumping/Chemicals/Additives/Sand					STIM.210	2,958,000			PCOM.210	0	2,958,000	
Stimulation Water/Water Transfer/Water Storage					STIM.395	106,000					106,000	
Cimarex Owned Frac/Rental Equipment					STIM.305	60,000			PCOM.305	0	60,000	
Legal/Regulatory/Curative	DIDC.300	10,000					CON.300	0			10,000	
Well Control Insurance	DIDC.285	7,000									7,000	
Major Construction Overhead							CON.305	34,412			34,412	
FLUGL - ON PAD LABOR							CON.495	49,434			49,434	
FLUGL - Labor							CON.500	124,650			124,650	
FLUGL - Supervision							CON.505	18,963			18,963	
Survey							CON.515	3,090			3,090	
Aid In Construct/3rd Party Connect							CON.701	53,269			53,269	
Contingency	DIDC.435	107,000	DICC.220	13,000	STIM.220	199,000	CON.220	138,607	PCOM.220	35,000	492,607	
Contingency							CON.221	29,191			29,191	
Total Intangible Cost		2,566,000		267,000		4,178,000		861,147		320,440		8,192,587
Conductor Pipe	DWEB.130	8,000									8,000	
Water String	DWEB.135	96,000									96,000	
Surface Casing	DWEB.140	175,000									175,000	
Intermediate Casing 1	DWEB.145	751,680									751,680	
Production Casing or Liner			DWEA.100	287,000							287,000	
Tubing					STIMT.105	111,000			PCOMT.105	0	111,000	
Wellhead, Tree, Chokes	DWEB.115	38,000	DWEA.120	18,000	STIMT.120	38,000			PCOMT.120	10,000	104,000	
Liner Hanger, Isolation Packer	DWEB.100	0	DWEA.125	59,000							59,000	
Packer, Nipples					STIMT.400	28,000			PCOMT.400	0	28,000	
SHORT ORDERS							CON.380	13,850			13,850	
PUMPS							CON.385	40,485			40,485	
WALKOVERS							CON.390	5,327			5,327	
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	60,000	140,000	
Surface Equipment									PCOMT.420	15,000	15,000	
Well Automation Materials									PCOMT.455	8,000	8,000	
N/C Lease Equipment							CON.400	242,268			242,268	
Tanks, Tanks Steps, Stairs							CON.405	68,184			68,184	
Battery Equipment							CON.410	281,261			281,261	
Secondary Containments							CON.415	25,356			25,356	
Overhead Power Distribution							CON.420	84,165			84,165	
Facility Electrical							CON.425	42,189			42,189	
Telecommunication Equipment							CON.426	639			639	
Meters and Metering Equipment							CON.445	59,448			59,448	
Facility Line Pipe							CON.450	41,017			41,017	
Lease Automation Materials							CON.455	42,615			42,615	
FLUGL - Materials							CON.550	28,126			28,126	
FLUGL - Line Pipe							CON.555	63,923			63,923	
Total Tangible Cost		1,068,680		364,000		257,000		1,038,853		93,000		2,821,533
Total Estimated Cost		3,634,680		631,000		4,435,000		1,900,000		413,440		11,014,120

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
101H

AFE # 26723015

Description	BCP - Drilling			ACP - Drilling			Comp/Stim		
	Codes		Amount	Codes		Amount	Codes		Amount
Roads & Location	DIDC.100		100,000				STIM.100	CON.100	10,000
Damages	DIDC.105		20,000						
Mud/Fluids Disposal	DIDC.255		125,000				STIM.255		44,000
Day Rate	DIDC.115	DICC.120	549,000	DICC.120		120,000			
Misc Preparation	DIDC.120		20,000						
Bits	DIDC.125	DICC.125	62,000	DICC.125	STIM.125	0	STIM.125		0
Fuel	DIDC.135	DICC.130	43,000	DICC.130		0			
Water for Drilling Rig (Not Frac Water)	DIDC.140	DICC.135	25,000	DICC.135	STIM.135	0	STIM.135		17,000
Mud & Additives	DIDC.145		285,000						
SWD PIPED TO 3RD PARTY SWD WELL									
Surface Rentals	DIDC.150	DICC.140	98,000	DICC.140	STIM.140	0	STIM.140	CON.140	122,000
Downhole Rentals	DIDC.155		133,000				STIM.145		45,000
Flowback Labor							STIM.141		0
Automation Labor									
Mud Logging	DIDC.170		20,000						
IPC & EXTERNAL PAINTING									
Cementing & Float Equipment	DIDC.185	DICC.155	180,000	DICC.155		63,000			
Tubular Inspections	DIDC.190	DICC.160	50,000	DICC.160	STIM.160	10,000	STIM.160		4,000
Casing Crews	DIDC.195	DICC.165	15,000	DICC.165	STIM.165	15,000	STIM.165		0
Mechanical Labor	DIDC.200	DICC.170	28,000	DICC.170	STIM.170	10,000	STIM.170	CON.170	0
Trucking/Transportation	DIDC.205	DICC.175	18,000	DICC.175	STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	72,000	DICC.180	STIM.180	12,000	STIM.180	CON.180	42,000
Trailer House/Camp/Catering	DIDC.280	DICC.255	41,000	DICC.255	STIM.280	6,000	STIM.280		22,000
Other Misc Expenses	DIDC.220	DICC.190	5,000	DICC.190	STIM.190	0	STIM.190	CON.190	74,000
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						
Directional Drilling Services	DIDC.245		321,000						
Solids Control	DIDC.260		35,000						
Well Control Equip (Snubbing Services)	DIDC.265	DICC.240	77,000	DICC.240	STIM.240	5,000	STIM.240		55,000
Completion Rig							STIM.115		21,000
Coil Tubing Services							STIM.260		137,000
Completion Logging/Perforating/Wireline							STIM.200		224,000
Composite Plugs							STIM.390		34,000
Stimulation							STIM.210		2,958,000
Stimulation Water/Water Transfer/Water							STIM.395		106,000
Cimarex Owned Frac/Rental Equipment							STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						
Major Construction Overhead									
FL/GL - ON PAD LABOR									
FL/GL - Labor									
FL/GL - Supervision									
Survey									
Aid In Construct/3rd Party Connect									
Contingency	DIDC.435	DICC.220	107,000	DICC.220	STIM.220	13,000	STIM.220	CON.220	199,000
Contingency									
Total Intangible Cost			2,566,000			267,000			4,178,000
Conductor Pipe	DWEB.130		8,000						
Water String	DWEB.135		96,000						
Surface Casing	DWEB.140		175,000						
Intermediate Casing 1	DWEB.145		751,680						
Production Casing or Liner				DWEA.100		287,000			
Tubing							STIMT.105		111,000
Wellhead, Tree, Chokes	DWEB.115	DWEA.120	38,000	DWEA.120	STIMT.120	18,000	STIMT.120		38,000
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		59,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS									
PUMPS									
WALKOVERS									
Downhole Lift Equipment							STIMT.410		80,000
Surface Equipment									
Well Automation Materials									
N/C Lease Equipment									
Tanks, Tanks Steps, Stairs									
Battery Equipment									
Secondary Containments									
Overhead Power Distribution									
Facility Electrical									
Telecommunication Equipment									
Meters and Metering Equipment									
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials									
FL/GL - Line Pipe									
Total Tangible Cos			1,068,680			364,000			257,000
Total Estimated Cost			3,634,680			631,000			4,435,000

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
101H

AFE # 26723015

Description	Codes	Production Equip		Post Completion		Total	
		Amount	Codes	Amount	Cost		
Roads & Location	CON.100	63,921	PCOM.100	10,000	183,921		
Damages	CON.105	4,155			24,155		
Mud/Fluids Disposal			PCOM.255	0	169,000		
Day Rate					669,000		
Misc Preparation					20,000		
Bits			PCOM.125	0	62,000		
Fuel			PCOM.130	0	43,000		
Water for Drilling Rig (Not Frac Water)			PCOM.135	0	42,000		
Mud & Additives					285,000		
SWD PIPED TO 3RD PARTY SWD WELL			PCOM.257 2200 BWPD (60 days) @0.72/BW	95,040	95,040		
Surface Rentals	CON.140	1,812	PCOM.140 Iron. XEC Own 5K. \$1,500 per day per well (60	90,000	311,812		
Downhole Rentals			PCOM.145 \$0	0	178,000		
Flowback Labor			PCOM.141 90 Day Flowback Hands	30,000	30,000		
Automation Labor	CON.150	48,048	PCOM.150	5,000	53,048		
Mud Logging					20,000		
IPC & EXTERNAL PAINTING	CON.165	24,824			24,824		
Cementing & Float Equipment					243,000		
Tubular Inspections			PCOM.160	0	64,000		
Casing Crews					30,000		
Mechanical Labor	CON.170	183,459	PCOM.170	10,000	231,459		
Trucking/Transportation	CON.175	23,438	PCOM.175	0	53,438		
Supervision	CON.180	27,913	PCOM.180 3 days Workover (\$1800/day)	5,400	159,313		
Trailer House/Camp/Catering					69,000		
Other Misc Expenses	CON.190	31,961	PCOM.190	0	110,961		
Overhead					15,000		
MOB/DEMOB					110,000		
Directional Drilling Services					321,000		
Solids Control					35,000		
Well Control Equip (Snubbing Services)			PCOM.240	0	137,000		
Completion Rig			PCOM.115 Workover Rig 3 days (\$9,000/day) + Spooler	40,000	61,000		
Coil Tubing Services			PCOM.260	0	137,000		
Completion Logging/Perforating/Wireline			PCOM.200	0	224,000		
Composite Plugs			PCOM.390	0	34,000		
Stimulation Pumping/Chemicals/Additives/Sand			PCOM.210	0	2,958,000		
Stimulation Water/Water Transfer/Water Storage					106,000		
Cimarex Owned Frac/Rental Equipment			PCOM.305	0	60,000		
Legal/Regulatory/Curative	CON.300	0			10,000		
Well Control Insurance					7,000		
Major Construction Overhead	CON.305	34,412			34,412		
FL/GL - ON PAD LABOR	CON.495	49,434			49,434		
FL/GL - Labor	CON.500	124,650			124,650		
FL/GL - Supervision	CON.505	18,963			18,963		
Survey	CON.515	3,090			3,090		
Aid In Construct/3rd Party Connect	CON.701	53,269			53,269		
Contingency	CON.220	138,607	PCOM.220 10% Contingency	35,000	492,607		
Contingency	CON.221	29,191			29,191		
Total Intangible Cost		861,147		320,440	8,192,587		
Conductor Pipe					8,000		
Water String					96,000		
Surface Casing					175,000		
Intermediate Casing 1					751,680		
Production Casing or Liner					287,000		
Tubing			PCOMT.105	0	111,000		
Wellhead, Tree, Chokes			PCOMT.120 Connecting flowline after first lift install.	10,000	104,000		
Liner Hanger, Isolation Packer					59,000		
Packer, Nipples			PCOMT.400	0	28,000		
SHORT ORDERS	CONT.380	13,850			13,850		
PUMPS	CONT.385	40,485			40,485		
WALKOVERS	CONT.390	5,327			5,327		
Downhole Lift Equipment			PCOMT.410 ESP Consumables	60,000	140,000		
Surface Equipment			PCOMT.420 Replacing Chokes, Stuffing Boxes, and all	15,000	15,000		
Well Automation Materials			PCOMT.455 PTs, and replacing meters	8,000	8,000		
N/C Lease Equipment	CONT.400	242,268			242,268		
Tanks, Tanks Steps, Stairs	CONT.405	68,184			68,184		
Battery Equipment	CONT.410	281,261			281,261		
Secondary Containments	CONT.415	25,356			25,356		
Overhead Power Distribution	CONT.420	84,165			84,165		
Facility Electrical	CONT.425	42,189			42,189		
Telecommunication Equipment	CONT.426	639			639		
Meters and Metering Equipment	CONT.445	59,448			59,448		
Facility Line Pipe	CONT.450	41,017			41,017		
Lease Automation Materials	CONT.455	42,615			42,615		
FL/GL - Materials	CONT.550	28,126			28,126		
FL/GL - Line Pipe	CONT.555	63,923			63,923		
Total Tangible Cost		1,038,853		93,000	2,821,533		
Total Estimated Cost		1,900,000		413,440	11,014,120		



Authorization For Expenditure Drilling

AFE # 26723016

Company Entity

CIMAREX ENERGY CO (001)

Date Prepared

11/29/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	SHOWBIZ 13-12 STATE COM 201H	QUAIL RIDGE PROSPECT	309617-256.01	26723016
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Sections 12 and 13, 19S-34E		7/17/2023	
☒ New	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
☐ Supplement	2nd Bone Spring	DEV	20,362	10,362
☐ Revision				

Purpose DRILL & COMPLETE - Showbiz 13-12 State Com 201H

Description

Intangible		Completed Well Cost
Completion Costs	\$8,192,587	\$8,192,587
Total Intangible Cost	\$8,192,587	\$8,192,587

Tangible		Completed Well Cost
Well Equipment	\$1,844,680	\$1,844,680
Lease Equipment	\$1,038,853	\$1,038,853
Total Tangible Cost	\$2,883,533	\$2,883,533

Total Well Cost	\$11,076,120	\$11,076,120
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Comments On Well Costs

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

Well Control Insurance

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

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

Marketing Election

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

☐ I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

11/29/2022

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
201H

AFE # 26723016

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost
Roads & Location	DIDC.100	100,000			STIM.100	10,000	CON.100	63,921	PCOM.100	10,000	183,921
Damages	DIDC.105	20,000					CON.105	4,155			24,155
Mud/Fluids Disposal	DIDC.255	125,000			STIM.255	44,000			PCOM.255	0	169,000
Day Rate	DIDC.115	549,000	DICC.120	120,000							669,000
Misc Preparation	DIDC.120	20,000									20,000
Bits	DIDC.125	62,000	DICC.125	0	STIM.125	0			PCOM.125	0	62,000
Fuel	DIDC.135	43,000	DICC.130	0					PCOM.130	0	43,000
Water for Drilling Rig (Not Frac Water)	DIDC.140	25,000	DICC.135	0	STIM.135	17,000			PCOM.135	0	42,000
Mud & Additives	DIDC.145	285,000									285,000
SWD PIPED TO 3RD PARTY SWD WELL									PCOM.257	95,040	95,040
Surface Rentals	DIDC.150	98,000	DICC.140	0	STIM.140	122,000	CON.140	1,812	PCOM.140	90,000	311,812
Downhole Rentals	DIDC.155	133,000			STIM.145	45,000			PCOM.145	0	178,000
Flowback Labor					STIM.141	0			PCOM.141	30,000	30,000
Automation Labor							CON.150	48,048	PCOM.150	5,000	53,048
Mud Logging	DIDC.170	20,000									20,000
IPC & EXTERNAL PAINTING							CON.165	24,824			24,824
Cementing & Float Equipment	DIDC.185	180,000	DICC.155	63,000							243,000
Tubular Inspections	DIDC.190	50,000	DICC.160	10,000	STIM.160	4,000			PCOM.160	0	64,000
Casing Crews	DIDC.195	15,000	DICC.165	15,000	STIM.165	0					30,000
Mechanical Labor	DIDC.200	28,000	DICC.170	10,000	STIM.170	0	CON.170	183,459	PCOM.170	10,000	231,459
Trucking/Transportation	DIDC.205	18,000	DICC.175	8,000	STIM.175	4,000	CON.175	23,438	PCOM.175	0	53,438
Supervision	DIDC.210	72,000	DICC.180	12,000	STIM.180	42,000	CON.180	27,913	PCOM.180	5,400	159,313
Trailer House/Camp/Catering	DIDC.280	41,000	DICC.255	6,000	STIM.280	22,000					69,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	74,000	CON.190	31,961	PCOM.190	0	110,961
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000
MOB/DEMOB	DIDC.240	110,000									110,000
Directional Drilling Services	DIDC.245	321,000									321,000
Solids Control	DIDC.260	35,000									35,000
Well Control Equip (Snubbing Services)	DIDC.265	77,000	DICC.240	5,000	STIM.240	55,000			PCOM.240	0	137,000
Completion Rig					STIM.115	21,000			PCOM.115	40,000	61,000
Coil Tubing Services					STIM.260	137,000			PCOM.260	0	137,000
Completion Logging/Perforating/Wireline					STIM.200	224,000			PCOM.200	0	224,000
Composite Plugs					STIM.390	34,000			PCOM.390	0	34,000
Stimulation Pumping/Chemicals/Additives/Sand					STIM.210	2,958,000			PCOM.210	0	2,958,000
Stimulation Water/Water Transfer/Water Storage					STIM.395	106,000					106,000
Cimarex Owned Frac/Rental Equipment					STIM.305	60,000			PCOM.305	0	60,000
Legal/Regulatory/Curative	DIDC.300	10,000					CON.300	0			10,000
Well Control Insurance	DIDC.285	7,000									7,000
Major Construction Overhead							CON.305	34,412			34,412
FL/GL - ON PAD LABOR							CON.495	49,434			49,434
FL/GL - Labor							CON.500	124,650			124,650
FL/GL - Supervision							CON.505	18,963			18,963
Survey							CON.515	3,090			3,090
Aid In Construct/3rd Party Connect							CON.701	53,269			53,269
Contingency	DIDC.435	107,000	DICC.220	13,000	STIM.220	199,000	CON.220	138,607	PCOM.220	35,000	492,607
Contingency							CON.221	29,191			29,191
Total Intangible Cost		2,566,000		267,000		4,178,000		861,147		320,440	8,192,587
Conductor Pipe	DWEB.130	8,000									8,000
Water String	DWEB.135	96,000									96,000
Surface Casing	DWEB.140	175,000									175,000
Intermediate Casing 1	DWEB.145	804,680									804,680
Production Casing or Liner			DWEA.100	287,000							287,000
Tubing					STIMT.105	120,000			PCOMT.105	0	120,000
Wellhead, Tree, Chokes	DWEB.115	38,000	DWEA.120	18,000	STIMT.120	38,000			PCOMT.120	10,000	104,000
Liner Hanger, Isolation Packer	DWEB.100	0	DWEA.125	59,000							59,000
Packer, Nipples					STIMT.400	28,000			PCOMT.400	0	28,000
SHORT ORDERS							CONT.380	13,850			13,850
PUMPS							CONT.385	40,485			40,485
WALKOVERS							CONT.390	5,327			5,327
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	60,000	140,000
Surface Equipment									PCOMT.420	15,000	15,000
Well Automation Materials									PCOMT.455	8,000	8,000
N/C Lease Equipment							CONT.400	242,268			242,268
Tanks, Tanks Steps, Stairs							CONT.405	68,184			68,184
Battery Equipment							CONT.410	281,261			281,261
Secondary Containments							CONT.415	25,356			25,356
Overhead Power Distribution							CONT.420	84,165			84,165
Facility Electrical							CONT.425	42,189			42,189
Telecommunication Equipment							CONT.426	639			639
Meters and Metering Equipment							CONT.445	59,448			59,448
Facility Line Pipe							CONT.450	41,017			41,017
Lease Automation Materials							CONT.455	42,615			42,615
FL/GL - Materials							CONT.550	28,126			28,126
FL/GL - Line Pipe							CONT.555	63,923			63,923
Total Tangible Cost		1,121,680		364,000		266,000		1,038,853		93,000	2,883,533
Total Estimated Cost		3,687,680		631,000		4,444,000		1,900,000		413,440	11,076,120

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
201H

AFE # 26723016

Description	BCP - Drilling			ACP - Drilling			Comp/Stim		
	Codes		Amount	Codes		Amount	Codes		Amount
Roads & Location	DIDC.100		100,000				STIM.100	CON.100	10,000
Damages	DIDC.105		20,000						
Mud/Fluids Disposal	DIDC.255		125,000				STIM.255		44,000
Day Rate	DIDC.115	DICC.120	549,000	DICC.120		120,000			
Misc Preparation	DIDC.120		20,000						
Bits	DIDC.125	DICC.125	62,000	DICC.125	STIM.125	0	STIM.125		0
Fuel	DIDC.135	DICC.130	43,000	DICC.130		0			
Water for Drilling Rig (Not Frac Water)	DIDC.140	DICC.135	25,000	DICC.135	STIM.135	0	STIM.135		17,000
Mud & Additives	DIDC.145		285,000						
SWD PIPED TO 3RD PARTY SWD WELL									
Surface Rentals	DIDC.150	DICC.140	98,000	DICC.140	STIM.140	0	STIM.140	CON.140	122,000
Downhole Rentals	DIDC.155		133,000				STIM.145		45,000
Flowback Labor							STIM.141		0
Automation Labor									
Mud Logging	DIDC.170		20,000						
IPC & EXTERNAL PAINTING									
Cementing & Float Equipment	DIDC.185	DICC.155	180,000	DICC.155		63,000			
Tubular Inspections	DIDC.190	DICC.160	50,000	DICC.160	STIM.160	10,000	STIM.160		4,000
Casing Crews	DIDC.195	DICC.165	15,000	DICC.165	STIM.165	15,000	STIM.165		0
Mechanical Labor	DIDC.200	DICC.170	28,000	DICC.170	STIM.170	10,000	STIM.170	CON.170	0
Trucking/Transportation	DIDC.205	DICC.175	18,000	DICC.175	STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	72,000	DICC.180	STIM.180	12,000	STIM.180	CON.180	42,000
Trailer House/Camp/Catering	DIDC.280	DICC.255	41,000	DICC.255	STIM.280	6,000	STIM.280		22,000
Other Misc Expenses	DIDC.220	DICC.190	5,000	DICC.190	STIM.190	0	STIM.190	CON.190	74,000
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						
Directional Drilling Services	DIDC.245		321,000						
Solids Control	DIDC.260		35,000						
Well Control Equip (Snubbing Services)	DIDC.265	DICC.240	77,000	DICC.240	STIM.240	5,000	STIM.240		55,000
Completion Rig							STIM.115		21,000
Coil Tubing Services							STIM.260		137,000
Completion Logging/Perforating/Wireline							STIM.200		224,000
Composite Plugs							STIM.390		34,000
Stimulation							STIM.210		2,958,000
Stimulation Water/Water Transfer/Water							STIM.395		106,000
Cimarex Owned Frac/Rental Equipment							STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						
Major Construction Overhead									
FL/GL - ON PAD LABOR									
FL/GL - Labor									
FL/GL - Supervision									
Survey									
Aid In Construct/3rd Party Connect									
Contingency	DIDC.435	DICC.220	107,000	DICC.220	STIM.220	13,000	STIM.220	CON.220	199,000
Contingency									
Total Intangible Cost			2,566,000			267,000			4,178,000
Conductor Pipe	DWEB.130		8,000						
Water String	DWEB.135		96,000						
Surface Casing	DWEB.140		175,000						
Intermediate Casing 1	DWEB.145		804,680						
Production Casing or Liner				DWEA.100		287,000			
Tubing							STIMT.105		120,000
Wellhead, Tree, Chokes	DWEB.115	DWEA.120	38,000	DWEA.120	STIMT.120	18,000	STIMT.120		38,000
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		59,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS									
PUMPS									
WALKOVERS									
Downhole Lift Equipment							STIMT.410		80,000
Surface Equipment									
Well Automation Materials									
N/C Lease Equipment									
Tanks, Tanks Steps, Stairs									
Battery Equipment									
Secondary Containments									
Overhead Power Distribution									
Facility Electrical									
Telecommunication Equipment									
Meters and Metering Equipment									
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials									
FL/GL - Line Pipe									
Total Tangible Cost			1,121,680			364,000			266,000
Total Estimated Cost			3,687,680			631,000			4,444,000

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
201H

AFE # 26723016

Description	Codes	Production Equip		Post Completion		Total	
		Amount	Codes	Amount	Cost		
Roads & Location	CON.100	63,921	PCOM.100	10,000		183,921	
Damages	CON.105	4,155				24,155	
Mud/Fluids Disposal			PCOM.255	0		169,000	
Day Rate						669,000	
Misc Preparation						20,000	
Bits			PCOM.125	0		62,000	
Fuel			PCOM.130	0		43,000	
Water for Drilling Rig (Not Frac Water)			PCOM.135	0		42,000	
Mud & Additives						285,000	
SWD PIPED TO 3RD PARTY SWD WELL			PCOM.257	2200 BWPD (60 days) @0.72/BW	95,040	95,040	
Surface Rentals	CON.140	1,812	PCOM.140	Iron. XEC Own 5K. \$1,500 per day per well (60	90,000	311,812	
Downhole Rentals			PCOM.145	\$0	0	178,000	
Flowback Labor			PCOM.141	90 Day Flowback Hands	30,000	30,000	
Automation Labor	CON.150	48,048	PCOM.150		5,000	53,048	
Mud Logging						20,000	
IPC & EXTERNAL PAINTING	CON.165	24,824				24,824	
Cementing & Float Equipment						243,000	
Tubular Inspections			PCOM.160		0	64,000	
Casing Crews						30,000	
Mechanical Labor	CON.170	183,459	PCOM.170		10,000	231,459	
Trucking/Transportation	CON.175	23,438	PCOM.175		0	53,438	
Supervision	CON.180	27,913	PCOM.180	3 days Workover (\$1800/day)	5,400	159,313	
Trailer House/Camp/Catering						69,000	
Other Misc Expenses	CON.190	31,961	PCOM.190		0	110,961	
Overhead						15,000	
MOB/DEMOB						110,000	
Directional Drilling Services						321,000	
Solids Control						35,000	
Well Control Equip (Snubbing Services)			PCOM.240		0	137,000	
Completion Rig			PCOM.115	Workover Rig 3 days (\$9,000/day) + Spooler	40,000	61,000	
Coil Tubing Services			PCOM.260		0	137,000	
Completion Logging/Perforating/Wireline			PCOM.200		0	224,000	
Composite Plugs			PCOM.390		0	34,000	
Stimulation Pumping/Chemicals/Additives/Sand			PCOM.210		0	2,958,000	
Stimulation Water/Water Transfer/Water Storage						106,000	
Cimarex Owned Frac/Rental Equipment			PCOM.305		0	60,000	
Legal/Regulatory/Curative	CON.300	0				10,000	
Well Control Insurance						7,000	
Major Construction Overhead	CON.305	34,412				34,412	
FL/GL - ONPAD LABOR	CON.495	49,434				49,434	
FL/GL - Labor	CON.500	124,650				124,650	
FL/GL - Supervision	CON.505	18,963				18,963	
Survey	CON.515	3,090				3,090	
Aid In Construct/3rd Party Connect	CON.701	53,269				53,269	
Contingency	CON.220	138,607	PCOM.220	10% Contingency	35,000	492,607	
Contingency	CON.221	29,191				29,191	
Total Intangible Cost		861,147			320,440	8,192,587	
Conductor Pipe						8,000	
Water String						96,000	
Surface Casing						175,000	
Intermediate Casing 1						804,680	
Production Casing or Liner						287,000	
Tubing			PCOMT.105		0	120,000	
Wellhead, Tree, Chokes			PCOMT.120	Connecting flowline after first lift install.	10,000	104,000	
Liner Hanger, Isolation Packer						59,000	
Packer, Nipples			PCOMT.400		0	28,000	
SHORT ORDERS	CONT.380	13,850				13,850	
PUMPS	CONT.385	40,485				40,485	
WALKOVERS	CONT.390	5,327				5,327	
Downhole Lift Equipment			PCOMT.410	ESP Consumables	60,000	140,000	
Surface Equipment			PCOMT.420	Replacing Chokes, Stuffing Boxes, and all	15,000	15,000	
Well Automation Materials			PCOMT.455	PTs, and replacing meters	8,000	8,000	
N/C Lease Equipment	CONT.400	242,268				242,268	
Tanks, Tanks Steps, Stairs	CONT.405	68,184				68,184	
Battery Equipment	CONT.410	281,261				281,261	
Secondary Containments	CONT.415	25,356				25,356	
Overhead Power Distribution	CONT.420	84,165				84,165	
Facility Electrical	CONT.425	42,189				42,189	
Telecommunication Equipment	CONT.426	639				639	
Meters and Metering Equipment	CONT.445	59,448				59,448	
Facility Line Pipe	CONT.450	41,017				41,017	
Lease Automation Materials	CONT.455	42,615				42,615	
FL/GL - Materials	CONT.550	28,126				28,126	
FL/GL - Line Pipe	CONT.555	63,923				63,923	
Total Tangible Cos		1,038,853			93,000	2,883,533	
Total Estimated Cost		1,900,000			413,440	11,076,120	



Authorization For Expenditure Drilling

AFE # 26723017

Company Entity
CIMAREX ENERGY CO (001)

Date Prepared
11/29/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	SHOWBIZ 13-12 STATE COM 301H	QUAIL RIDGE PROSPECT	309617-257.01	26723017
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Sections 12 and 13, 19S-34E		7/17/2023	
☒ New	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
☐ Supplement	3rd Bone Spring	DEV	20,843	10,843
☐ Revision				

Purpose DRILL & COMPLETE - Showbiz 13-12 State Com 301H

Description

Intangible		Completed Well Cost
Completion Costs	\$8,192,587	\$8,192,587
Total Intangible Cost	\$8,192,587	\$8,192,587
Tangible		Completed Well Cost
Well Equipment	\$1,883,680	\$1,883,680
Lease Equipment	\$1,038,853	\$1,038,853
Total Tangible Cost	\$2,922,533	\$2,922,533
Total Well Cost	\$11,115,120	\$11,115,120

Comments On Well Costs

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

Well Control Insurance

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

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

Marketing Election

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

☐ I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

11/29/2022

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
301H

AFE # 26723017

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total	
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost	
Roads & Location	DIDC.100	100,000			STIM.100	10,000	CON.100	63,921	PCOM.100	10,000	183,921	
Damages	DIDC.105	20,000					CON.105	4,155			24,155	
Mud/Fluids Disposal	DIDC.255	125,000			STIM.255	44,000			PCOM.255	0	169,000	
Day Rate	DIDC.115	549,000	DICC.120	120,000							669,000	
Misc Preparation	DIDC.120	20,000									20,000	
Bits	DIDC.125	62,000	DICC.125	0	STIM.125	0			PCOM.125	0	62,000	
Fuel	DIDC.135	43,000	DICC.130	0					PCOM.130	0	43,000	
Water for Drilling Rig (Not Frac Water)	DIDC.140	25,000	DICC.135	0	STIM.135	17,000			PCOM.135	0	42,000	
Mud & Additives	DIDC.145	285,000									285,000	
SWD PIPED TO 3RD PARTY SWD WELL									PCOM.257	95,040	95,040	
Surface Rentals	DIDC.150	98,000	DICC.140	0	STIM.140	122,000	CON.140	1,812	PCOM.140	90,000	311,812	
Downhole Rentals	DIDC.155	133,000			STIM.145	45,000			PCOM.145	0	178,000	
Flowback Labor					STIM.141	0			PCOM.141	30,000	30,000	
Automation Labor							CON.150	48,048	PCOM.150	5,000	53,048	
Mud Logging	DIDC.170	20,000									20,000	
IPC & EXTERNAL PAINTING							CON.165	24,824			24,824	
Cementing & Float Equipment	DIDC.185	180,000	DICC.155	63,000							243,000	
Tubular Inspections	DIDC.190	50,000	DICC.160	10,000	STIM.160	4,000			PCOM.160	0	64,000	
Casing Crews	DIDC.195	15,000	DICC.165	15,000	STIM.165	0					30,000	
Mechanical Labor	DIDC.200	28,000	DICC.170	10,000	STIM.170	0	CON.170	183,459	PCOM.170	10,000	231,459	
Trucking/Transportation	DIDC.205	18,000	DICC.175	8,000	STIM.175	4,000	CON.175	23,438	PCOM.175	0	53,438	
Supervision	DIDC.210	72,000	DICC.180	12,000	STIM.180	42,000	CON.180	27,913	PCOM.180	5,400	159,313	
Trailer House/Camp/Catering	DIDC.280	41,000	DICC.255	6,000	STIM.280	22,000					69,000	
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	74,000	CON.190	31,961	PCOM.190	0	110,961	
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000	
MOB/DEMOB	DIDC.240	110,000									110,000	
Directional Drilling Services	DIDC.245	321,000									321,000	
Solids Control	DIDC.260	35,000									35,000	
Well Control Equip (Snubbing Services)	DIDC.265	77,000	DICC.240	5,000	STIM.240	55,000			PCOM.240	0	137,000	
Completion Rig					STIM.115	21,000			PCOM.115	40,000	61,000	
Coil Tubing Services					STIM.260	137,000			PCOM.260	0	137,000	
Completion Logging/Perforating/Wireline					STIM.200	224,000			PCOM.200	0	224,000	
Composite Plugs					STIM.390	34,000			PCOM.390	0	34,000	
Stimulation Pumping/Chemicals/Additives/Sand					STIM.210	2,958,000			PCOM.210	0	2,958,000	
Stimulation Water/Water Transfer/Water Storage					STIM.395	106,000					106,000	
Cimarex Owned Frac/Rental Equipment					STIM.305	60,000			PCOM.305	0	60,000	
Legal/Regulatory/Curative	DIDC.300	10,000					CON.300	0			10,000	
Well Control Insurance	DIDC.285	7,000									7,000	
Major Construction Overhead							CON.305	34,412			34,412	
FL/GL - ON PAD LABOR							CON.495	49,434			49,434	
FL/GL - Labor							CON.500	124,650			124,650	
FL/GL - Supervision							CON.505	18,963			18,963	
Survey							CON.515	3,090			3,090	
Aid In Construct/3rd Party Connect							CON.701	53,269			53,269	
Contingency	DIDC.435	107,000	DICC.220	13,000	STIM.220	199,000	CON.220	138,607	PCOM.220	35,000	492,607	
Contingency							CON.221	29,191			29,191	
Total Intangible Cost		2,566,000		267,000		4,178,000		861,147		320,440	8,192,587	
Conductor Pipe	DWEB.130	8,000									8,000	
Water String	DWEB.135	96,000									96,000	
Surface Casing	DWEB.140	175,000									175,000	
Intermediate Casing 1	DWEB.145	837,680									837,680	
Production Casing or Liner			DWEA.100	287,000							287,000	
Tubing					STIMT.105	126,000			PCOMT.105	0	126,000	
Wellhead, Tree, Chokes	DWEB.115	38,000	DWEA.120	18,000	STIMT.120	38,000			PCOMT.120	10,000	104,000	
Liner Hanger, Isolation Packer	DWEB.100	0	DWEA.125	59,000							59,000	
Packer, Nipples					STIMT.400	28,000			PCOMT.400	0	28,000	
SHORT ORDERS							CON.380	13,850			13,850	
PUMPS							CON.385	40,485			40,485	
WALKOVERS							CON.390	5,327			5,327	
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	60,000	140,000	
Surface Equipment									PCOMT.420	15,000	15,000	
Well Automation Materials									PCOMT.455	8,000	8,000	
N/C Lease Equipment							CON.400	242,268			242,268	
Tanks, Tanks Steps, Stairs							CON.405	68,184			68,184	
Battery Equipment							CON.410	281,261			281,261	
Secondary Containments							CON.415	25,356			25,356	
Overhead Power Distribution							CON.420	84,165			84,165	
Facility Electrical							CON.425	42,189			42,189	
Telecommunication Equipment							CON.426	639			639	
Meters and Metering Equipment							CON.445	59,448			59,448	
Facility Line Pipe							CON.450	41,017			41,017	
Lease Automation Materials							CON.455	42,615			42,615	
FL/GL - Materials							CON.550	28,126			28,126	
FL/GL - Line Pipe							CON.555	63,923			63,923	
Total Tangible Cost		1,154,680		364,000		272,000		1,038,853		93,000	2,922,533	
Total Estimated Cost		3,720,680		631,000		4,450,000		1,900,000		413,440	11,115,120	

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
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AFE # 26723017

Description	BCP - Drilling			ACP - Drilling			Comp/Stim		
	Codes		Amount	Codes		Amount	Codes		Amount
Roads & Location	DIDC.100		100,000				STIM.100	CON.100	10,000
Damages	DIDC.105		20,000						
Mud/Fluids Disposal	DIDC.255		125,000				STIM.255		44,000
Day Rate	DIDC.115	DICC.120	549,000	DICC.120		120,000			
Misc Preparation	DIDC.120		20,000						
Bits	DIDC.125	DICC.125	62,000	DICC.125	STIM.125	0	STIM.125		0
Fuel	DIDC.135	DICC.130	43,000	DICC.130		0			
Water for Drilling Rig (Not Frac Water)	DIDC.140	DICC.135	25,000	DICC.135	STIM.135	0	STIM.135		17,000
Mud & Additives	DIDC.145		285,000						
SWD PIPED TO 3RD PARTY SWD WELL									
Surface Rentals	DIDC.150	DICC.140	98,000	DICC.140	STIM.140	0	STIM.140	CON.140	122,000
Downhole Rentals	DIDC.155		133,000				STIM.145		45,000
Flowback Labor							STIM.141		0
Automation Labor									
Mud Logging	DIDC.170		20,000						
IPC & EXTERNAL PAINTING									
Cementing & Float Equipment	DIDC.185	DICC.155	180,000	DICC.155		63,000			
Tubular Inspections	DIDC.190	DICC.160	50,000	DICC.160	STIM.160	10,000	STIM.160		4,000
Casing Crews	DIDC.195	DICC.165	15,000	DICC.165	STIM.165	15,000	STIM.165		0
Mechanical Labor	DIDC.200	DICC.170	28,000	DICC.170	STIM.170	10,000	STIM.170	CON.170	0
Trucking/Transportation	DIDC.205	DICC.175	18,000	DICC.175	STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	72,000	DICC.180	STIM.180	12,000	STIM.180	CON.180	42,000
Trailer House/Camp/Catering	DIDC.280	DICC.255	41,000	DICC.255	STIM.280	6,000	STIM.280		22,000
Other Misc Expenses	DIDC.220	DICC.190	5,000	DICC.190	STIM.190	0	STIM.190	CON.190	74,000
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						
Directional Drilling Services	DIDC.245		321,000						
Solids Control	DIDC.260		35,000						
Well Control Equip (Snubbing Services)	DIDC.265	DICC.240	77,000	DICC.240	STIM.240	5,000	STIM.240		55,000
Completion Rig							STIM.115		21,000
Coil Tubing Services							STIM.260		137,000
Completion Logging/Perforating/Wireline							STIM.200		224,000
Composite Plugs							STIM.390		34,000
Stimulation							STIM.210		2,958,000
Stimulation Water/Water Transfer/Water							STIM.395		106,000
Cimarex Owned Frac/Rental Equipment							STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						
Major Construction Overhead									
FL/GL - ON PAD LABOR									
FL/GL - Labor									
FL/GL - Supervision									
Survey									
Aid In Construct/3rd Party Connect									
Contingency	DIDC.435	DICC.220	107,000	DICC.220	STIM.220	13,000	STIM.220	CON.220	199,000
Contingency									
Total Intangible Cost			2,566,000			267,000			4,178,000
Conductor Pipe	DWEB.130		8,000						
Water String	DWEB.135		96,000						
Surface Casing	DWEB.140		175,000						
Intermediate Casing 1	DWEB.145		837,680						
Production Casing or Liner				DWEA.100		287,000			
Tubing							STIMT.105		126,000
Wellhead, Tree, Chokes	DWEB.115	DWEA.120	38,000	DWEA.120	STIMT.120	18,000	STIMT.120		38,000
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		59,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS									
PUMPS									
WALKOVERS									
Downhole Lift Equipment							STIMT.410		80,000
Surface Equipment									
Well Automation Materials									
N/C Lease Equipment									
Tanks, Tanks Steps, Stairs									
Battery Equipment									
Secondary Containments									
Overhead Power Distribution									
Facility Electrical									
Telecommunication Equipment									
Meters and Metering Equipment									
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials									
FL/GL - Line Pipe									
Total Tangible Cost			1,154,680			364,000			272,000
Total Estimated Cost			3,720,680			631,000			4,450,000

COTERRA Authorization For Expenditure - SHOWBIZ 13-12 STATE COM
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AFE # 26723017

Description	Codes	Production Equip		Post Completion		Total	
		Amount	Codes	Amount	Cost		
Roads & Location	CON.100	63,921	PCOM.100	10,000		183,921	
Damages	CON.105	4,155				24,155	
Mud/Fluids Disposal			PCOM.255	0		169,000	
Day Rate						669,000	
Misc Preparation						20,000	
Bits			PCOM.125	0		62,000	
Fuel			PCOM.130	0		43,000	
Water for Drilling Rig (Not Frac Water)			PCOM.135	0		42,000	
Mud & Additives						285,000	
SWD PIPED TO 3RD PARTY SWD WELL			PCOM.257	2200 BWPD (60 days) @0.72/BW	95,040	95,040	
Surface Rentals	CON.140	1,812	PCOM.140	Iron. XEC Own 5K. \$1,500 per day per well (60	90,000	311,812	
Downhole Rentals			PCOM.145	\$0	0	178,000	
Flowback Labor			PCOM.141	90 Day Flowback Hands	30,000	30,000	
Automation Labor	CON.150	48,048	PCOM.150		5,000	53,048	
Mud Logging						20,000	
IPC & EXTERNAL PAINTING	CON.165	24,824				24,824	
Cementing & Float Equipment						243,000	
Tubular Inspections			PCOM.160		0	64,000	
Casing Crews						30,000	
Mechanical Labor	CON.170	183,459	PCOM.170		10,000	231,459	
Trucking/Transportation	CON.175	23,438	PCOM.175		0	53,438	
Supervision	CON.180	27,913	PCOM.180	3 days Workover (\$1800/day)	5,400	159,313	
Trailer House/Camp/Catering						69,000	
Other Misc Expenses	CON.190	31,961	PCOM.190		0	110,961	
Overhead						15,000	
MOB/DEMOB						110,000	
Directional Drilling Services						321,000	
Solids Control						35,000	
Well Control Equip (Snubbing Services)			PCOM.240		0	137,000	
Completion Rig			PCOM.115	Workover Rig 3 days (\$9,000/day) + Spooler	40,000	61,000	
Coil Tubing Services			PCOM.260		0	137,000	
Completion Logging/Perforating/Wireline			PCOM.200		0	224,000	
Composite Plugs			PCOM.390		0	34,000	
Stimulation Pumping/Chemicals/Additives/Sand			PCOM.210		0	2,958,000	
Stimulation Water/Water Transfer/Water Storage						106,000	
Cimarex Owned Frac/Rental Equipment			PCOM.305		0	60,000	
Legal/Regulatory/Curative	CON.300	0				10,000	
Well Control Insurance						7,000	
Major Construction Overhead	CON.305	34,412				34,412	
FL/GL - ON PAD LABOR	CON.495	49,434				49,434	
FL/GL - Labor	CON.500	124,650				124,650	
FL/GL - Supervision	CON.505	18,963				18,963	
Survey	CON.515	3,090				3,090	
Aid In Construct/3rd Party Connect	CON.701	53,269				53,269	
Contingency	CON.220	138,607	PCOM.220	10% Contingency	35,000	492,607	
Contingency	CON.221	29,191				29,191	
Total Intangible Cost		861,147			320,440	8,192,587	
Conductor Pipe						8,000	
Water String						96,000	
Surface Casing						175,000	
Intermediate Casing 1						837,680	
Production Casing or Liner						287,000	
Tubing			PCOMT.105		0	126,000	
Wellhead, Tree, Chokes			PCOMT.120	Connecting flowline after first lift install.	10,000	104,000	
Liner Hanger, Isolation Packer						59,000	
Packer, Nipples			PCOMT.400		0	28,000	
SHORT ORDERS	CONT.380	13,850				13,850	
PUMPS	CONT.385	40,485				40,485	
WALKOVERS	CONT.390	5,327				5,327	
Downhole Lift Equipment			PCOMT.410	ESP Consumables	60,000	140,000	
Surface Equipment			PCOMT.420	Replacing Chokes, Stuffing Boxes, and all	15,000	15,000	
Well Automation Materials			PCOMT.455	PTs, and replacing meters	8,000	8,000	
N/C Lease Equipment	CONT.400	242,268				242,268	
Tanks, Tanks Steps, Stairs	CONT.405	68,184				68,184	
Battery Equipment	CONT.410	281,261				281,261	
Secondary Containments	CONT.415	25,356				25,356	
Overhead Power Distribution	CONT.420	84,165				84,165	
Facility Electrical	CONT.425	42,189				42,189	
Telecommunication Equipment	CONT.426	639				639	
Meters and Metering Equipment	CONT.445	59,448				59,448	
Facility Line Pipe	CONT.450	41,017				41,017	
Lease Automation Materials	CONT.455	42,615				42,615	
FL/GL - Materials	CONT.550	28,126				28,126	
FL/GL - Line Pipe	CONT.555	63,923				63,923	
Total Tangible Cos		1,038,853			93,000	2,922,533	
Total Estimated Cost		1,900,000			413,440	11,115,120	

A.A.P.L. FORM 610 - 1989
MODEL FORM OPERATING AGREEMENT

OPERATING AGREEMENT

DATED

November 28 , 2022 ,
year

OPERATOR Cimarex Energy Co.

CONTRACT AREA W2W2 of Section 12 and 13, Township 19 South, Range 34 East

COUNTY OR PARISH OF Lea , STATE OF NM

SHOWBIZ 13-12 STATE COM WELLS

COPYRIGHT 1989 – ALL RIGHTS RESERVED
AMERICAN ASSOCIATION OF PETROLEUM
LANDMEN, 4100 FOSSIL CREEK BLVD.
FORT WORTH, TEXAS, 76137, APPROVED FORM.

A.A.P.L. NO. 610 – 1989

COPAS 2005 Accounting Procedure
Recommended by COPAS, Inc.

- human resources
- management
- supervision not directly charged under Section II.2 (*Labor*)
- legal services not directly chargeable under Section II.9 (*Legal Expense*)
- taxation, other than those costs identified as directly chargeable under Section II.10 (*Taxes and Permits*)
- preparation and monitoring of permits and certifications; preparing regulatory reports; appearances before or meetings with governmental agencies or other authorities having jurisdiction over the Joint Property, other than On-site inspections; reviewing, interpreting, or submitting comments on or lobbying with respect to Laws or proposed Laws.

Overhead charges shall include the salaries or wages plus applicable payroll burdens, benefits, and Personal Expenses of personnel performing overhead functions, as well as office and other related expenses of overhead functions.

1. OVERHEAD—DRILLING AND PRODUCING OPERATIONS

As compensation for costs incurred but not chargeable under Section II (*Direct Charges*) and not covered by other provisions of this Section III, the Operator shall charge on either:

- ☒ (Alternative 1) Fixed Rate Basis, Section III.1.B.
☐ (Alternative 2) Percentage Basis, Section III.1.C.

A. TECHNICAL SERVICES

- (i) Except as otherwise provided in Section II.13 (*Ecological Environmental, and Safety*) and Section III.2 (*Overhead – Major Construction and Catastrophe*), or by approval of the Parties pursuant to Section I.6.A (*General Matters*), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for **On-site** Technical Services, including third party Technical Services:

☒ (Alternative 1 – Direct) shall be charged direct to the Joint Account.

☐ (Alternative 2 – Overhead) shall be covered by the overhead rates.

- (ii) Except as otherwise provided in Section II.13 (*Ecological, Environmental, and Safety*) and Section III.2 (*Overhead – Major Construction and Catastrophe*), or by approval of the Parties pursuant to Section I.6.A (*General Matters*), the salaries, wages, related payroll burdens and benefits, and Personal Expenses for **Off-site** Technical Services, including third party Technical Services:

☐ (Alternative 1 – All Overhead) shall be covered by the overhead rates.

☒ (Alternative 2 – All Direct) shall be charged direct to the Joint Account.

☐ (Alternative 3 – Drilling Direct) shall be charged direct to the Joint Account, only to the extent such Technical Services are directly attributable to drilling, re-drilling, deepening, or sidetracking operations, through completion, temporary abandonment, or abandonment if a dry hole. Off-site Technical Services for all other operations, including workover, recompletion, abandonment of producing wells, and the construction or expansion of fixed assets not covered by Section III.2 (*Overhead - Major Construction and Catastrophe*) shall be covered by the overhead rates.

Notwithstanding anything to the contrary in this Section III, Technical Services provided by Operator's Affiliates are subject to limitations set forth in Section II.7 (*Affiliates*). Charges for Technical personnel performing non-technical work shall not be governed by this Section III.1.A, but instead governed by other provisions of this Accounting Procedure relating to the type of work being performed.

B. OVERHEAD—FIXED RATE BASIS

- (1) The Operator shall charge the Joint Account at the following rates per well per month:

Drilling Well Rate per month \$ 7,000.00 (prorated for less than a full month)

Producing Well Rate per month \$ 700.00

- (2) Application of Overhead—Drilling Well Rate shall be as follows:

- (a) Charges for onshore drilling wells shall begin on the spud date and terminate on the date the drilling and/or completion equipment used on the well is released, whichever occurs later. Charges for offshore and inland waters drilling wells shall begin on the date the drilling or completion equipment arrives on location and terminate on the date the drilling or completion equipment moves off location, or is released, whichever occurs first. No charge shall be made during suspension of drilling and/or completion operations for fifteen (15) or more consecutive calendar days.

Chronology of Contact with Non-Joined Working Interests

Chevron-

12/7/2022 – Received email from Candace Labron confirming receipt of OA and proposals and provided WI/NRI figures

1/4/23 – Email discussion with Candace about ownership

1/19/23 – Email discussion with Candace about force pooling notice

1/25/23- Discussed development timeframe and hearing timing

2/14/23- Received email from Candace clarifying title update and status of force pooling hearing

7/13/23 – Phone call with Candace to confirm their intent on the hearing and update her on pooling date

COG Operating, Concho

12/21/2022- Received email from Oliver Cho regarding received proposals and OA as wells as requested changes to the operating agreement

1/4-23/2023- Email correspondence with Oliver regarding changes to Operating agreement, development, development timing, and ownership

2/21/2023- Finalization of changes to operating agreement

6/1/2023- Email follow up to confirm changes were acceptable

6/14/2023- Oliver reached out to confirm hearing date

Hanley Petroleum and LHAH Properties

5/9/2022- Phone call and email with Fred Closuit to discuss Hanley and LHAH ownership in the subject lands

12/9/22 – Confirmed that Hanley Petroleum had purchased the Jarvis Slade interest located on the subject lands and credited Hanley with the interest

2/14/23 – Email correspondence with Fred to confirm development timing and surface use

2/16/23 – Email with Fred to confirm the interest shown on the ownership report with regard to the Jarvis Slade interest

4/3/23 – Email follow up from Fred on hearing timing and next steps

5/11/23- Phone call with Fred to discuss operating agreement and proposals



6/12/23- Email discussion to determine BPO/APO interest for Hanley and LHAH

7/3-13/23 – Email correspondence to confirm interest prior to hearing, Phone call with Lee Scarborough to provide hard copy OA and update on hearing process.

Pride Energy Company

2/25/22 – Received Proposal letter from Matt Pride regarding development in the W2W2 of Section 13, 19S-34E Lea County

3/31/22 – Received updated proposal extending original 1 mile proposal to 2 mile proposal in the W2W2 of Sections 12 and 13.

6/22/22 – Received Operating agreement covering same

8/2/22 – Requested estimated spud, frac, and first production numbers from Matt on their development

9/12/22- Notified Matt Pride that due to the landing zone of the Go State well and the difference in ownership between the Bone Spring and the Wolfcamp, we were concerned about drainage to our landing zone

9/15/22 – Received offer to purchase our leasehold for \$1000 per net acre at a 78% Net Revenue interest

9/19/22 – Responded to offer and requested they lower their landing zone for the Go State well. Matt responded that they were unable to do so and asked what price per acre would be acceptable.

9/29/22- Responded to Matt's offer with \$80,000 per net acre for 80 net acres to even out the interest discrepancy between zones

11/8/22 – Received Email from Matt for a 15% carry offer for 80 acres in the Wolfcamp and 160 acres in the Bone Spring. I responded that the offer was still off from our evaluation of the acreage and that blending the interest across the formations may be a beneficial resolution instead of a farmout/carry deal.

11/9/22 – Email correspondence reiterating the carry deal and no interest in taking the “blended interest” route. Responded with request to show how far below the 3rd Bone Spring will the well be landed.

11/10/22- Sent email to Matt asking what dollar per acre value they place on Wolfcamp and if they were interest in an offer

TAB 3

Exhibit B: Self-Affirmed Statement of Staci Mueller, Geologist

- Exhibit B-1: Locator Map & Stress Direction
- Exhibit B-2: Structure Map (Subsea TVD)
- Exhibit B-3: 3rd Bone Spring Sand Isopach
- Exhibit B-4: 3rd Bone Spring Sand Cross-Section
- Exhibit B-5: 3rd Bone Spring Sand is Established Target with Over Double the SoPhiH
- Exhibit B-6: Regional Wolfcamp Structure TVDSS Map
- Exhibit B-7: Gun Barrel View
- Exhibit B-8: Depth Severance vs. the Go State Com 401H Proposed TVD Target



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

**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNY, NEW MEXICO**

Case No. 23295

SELF-AFFIRMED STATEMENT OF STACI MUELLER

I, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a petroleum geologist for Cimarex Energy Co. ("Cimarex"), and I am familiar with the subject application and the geology involved.
3. This testimony is submitted in connection with the filing by Cimarex in the above-referenced compulsory pooling applications pursuant to 19.15.4.12.A(1) NMAC.
4. I have testified previously by affidavit before the Oil Conservation Division ("Division") as an expert petroleum geologist; my credentials have been made a matter of record, and I have been qualified as an expert by the Division.
 - a. I have a Bachelor of Science Degree in Geophysical Engineering from Colorado School of Mines, and a Master of Science Degree in Geophysics from Colorado School of Mines.
 - b. I have worked on New Mexico Oil and Gas matters since July 2018.
5. I have analyzed the nature of the two formations, the Bone Spring and the Wolfcamp, and the history of development in this area, and find that for the Subject Lands, placement of a well in the Upper Wolfcamp, as proposed by Pride Energy Company ("Pride"), is

an improper approach to the development of the hydrocarbons that would result in substandard production, waste, and an undermining of correlative rights. Cimarex is an established operator in the Quail Ridge area, with 35 horizontal wells drilled within the basal 3rd Bone Spring Sand starting in 2010 through 2022. In most of the 3rd Sand developments, Triple Combo logs were taken to further the reservoir characterization of both the Bone Spring and Wolfcamp formations. From these extensive mapping efforts and an analysis of offset production, Cimarex has verified that the 3rd Sand is the most economic target at the Showbiz proposed development.

6. **Exhibit B-1** shows a map made by Jens-Erik Lund Snee and Mark D. Zoback from Stanford University, which depicts the maximum horizontal stress direction throughout the Delaware and Midland Basins. The map on the right is a zoomed in portion of the regional map (red outline), where the blue lines represent the digitized version of the same stress directions. Based on the regional trend observed by Lund Snee and Zoback, the estimated stress direction at Showbiz is approximately N70E, which means the favorable well orientation is north-south instead of east-west. Both Cimarex and Pride plan to drill in the north-south orientation.

7. **Exhibit B-2** is a structure map (Subsea TVD) of the top of the Wolfcamp, which is about 50 ft below the 3rd Bone Spring Sand Target, as noted by the type log located at the blue star. The contour interval is 100 ft, well control points are displayed, and structure is dipping to the south. From the first take point to the last take point of the Showbiz section (located within black and red box), there is approximately 200 ft of relief.

8. **Exhibit B-3** is an isopach map of the 3rd Bone Spring Sand, as noted by the type log located at the blue star. The contour interval is 20 ft, well control points are displayed, and the 3rd Sand is consistently between 200-220 ft at the Showbiz sections (located within black and red box).

9. **Exhibit B-4** is a structural cross section from south to north across Quail Ridge and ending at the Showbiz. Gamma Ray is displayed in the first log track, on a scale from 0 to 150 API, shaded to the right with blue representing low Gamma Ray, brown representing high Gamma Ray, and yellow in between. The second track is deep resistivity (RDEEP), on a scale from 2 to 2000 Ohms, with RDEEP less than 20 Ohms shaded solid red to represent the Bone Spring Sand reservoirs. The third track is the photoelectric log (PEF) which is shaded blue and purple for higher values and yellow for lower values. The fourth track is neutron and density porosity (NPHI and DPHI). NPHI is shown in red, while DPHI is blue, and when DPHI crosses to the left of NPHI, the space in between the two curves is shaded yellow. Otherwise, it is shaded grey. The basal 3rd Sand target is often characterized by crossover in the NPHI and DPHI track, Gamma Ray around 50-70 API, and RDEEP below 20 Ohms. Cimarex's target is the standard basal 3rd Bone Spring Sand target across the area (a few townships), which is shown as a green stick in all three logs. Frac baffles are shown in red and white striped boxes within the depth track, and there are only a couple frac baffles present within the 3rd Bone Spring Carbonate. These baffles are characterized by low Gamma Ray <50 API, indicating carbonate, along with high resistivity, and low neutron and density porosities (0-4%). In the center log (Chaparral 33 Fed Com 2), I have shown red and yellow arrows on the RDEEP and NPHI/DPHI tracks. These help to show that the 3rd Sand & Wolfcamp XY behave as one geomechanical reservoir unit. Note consistent porosity and resistivity trends within blue box and a shift in porosity and resistivity outside of blue box (shift in the red and yellow arrows).

10. **Exhibit B-5** shows the PhiH (porosity*height) of the 3rd Bone Spring Sand (left) versus the Wolfcamp X and Y Sands (right) as shown by the type log located at the blue star. PhiH is one of the most common reservoir maps to identify ideal target areas within the Bone Spring

Sands because it represents total pore space, and more pore space means more room for hydrocarbon storage. Both maps have the same color scale, with a contour interval of 2 pore-ft. The Showbiz sections are shown in the black and red box, and the well control points are displayed, along with the values of the closest control points to the subject development. Higher PhiH values are indicated in yellow and red, while lower values are shown in blue. The average PhiH within the 3rd Sand, based on the closest control points, is 18.3 pore-ft. While the average PhiH within the Wolfcamp X and Y Sands is 9.33 pore-ft, which means that the 3rd Sand is at least 66.4% of the total reservoir, while the Wolfcamp Sands are 33.6% of the total reservoir. With a separation of 100 ft between Cimarex's proposed 3rd Sand landing and Pride's Upper Wolfcamp landing, and no indication of frac baffles in between, Pride's Wolfcamp well will produce mostly out of the 3rd Sand.

11. **Exhibit B-6** is a regional Wolfcamp Structure TVDSS map shown in feet, with a contour interval of 200ft. Wolfcamp structure dips from the north to the south. All 3rd Bone Spring Sand wells are highlighted with blue diamonds and all Wolfcamp Sand wells are highlighted with orange diamonds. I have called out the location of the Go State Com 401H proposed Wolfcamp well, which is located in the up-dip (proximal) part of the Delaware Basin where the 3rd Bone Spring Sand reservoir is almost exclusively targeted over the Upper Wolfcamp. This Exhibit shows that the Wolfcamp Sands are targeted at least ~1.5 townships southward, with the majority of Wolfcamp Sand production south of T23S. Cimarex's development plan is to target the 3rd Bone Spring Sand at the Showbiz 301H location because it is the proven reservoir.

12. **Exhibit B-7** is a gun barrel view of the Go State Com 401H well plan, Cimarex's Showbiz 301H, and its direct offsets within the same sections. I am using the Mescalero 29 Federal Com 3 as the type log, which is structurally down-dip of the Go State sections by ~100ft from the

first take point. This type log is representative for the area, with the 3rd Bone Spring Sand thickness at approximately 235ft, with resistivity below 20 Ohms (shaded dark red in resistivity track) and neutron/density porosity crossover in the basal lobe with porosity at about 9-10% - which is high reservoir quality. The wells are represented by circles on the gun barrel plot, and are aligned with their target landing zone on the type log. Four wells are already drilled within these two sections (excluding the Go State Com 305H & 306H which have no reported production data or deviation surveys), and they all target the basal 3rd Bone Spring Sand lobe. Cimarex proposes to also target the basal 3rd Bone Spring Sand, aligning with the offset well targets. The Go State Com 401H proposed landing zone is located within the Upper Wolfcamp Sand, approximately 100' below the Bone Spring where Cimarex plans to target, and would drain the 3rd Bone Spring Sand reservoir so that a 3rd Sand target is no longer viable. This is due to the lack of frac baffles between the 3rd Sand and Upper Wolfcamp, which are normally represented as tight carbonates (example shown on type log in Wolfcamp at 11,120ft where porosity approaches 0% and Gamma Ray is shaded blue). Cimarex proposes to move the Go State target down section by 200' to more effectively capture the Wolfcamp A Shale reserves and increase distance from the Bone Spring reservoir.

13. **Exhibit B-8** highlights the location of the depth severance versus the Go State Com 401H proposed TVD target. I show three type logs offset the Go State sections in a stratigraphic cross section hung on the top of the 3rd Bone Spring Sand. The middle well is the Quail 11 State 1H, which defines the depth severance of sections 12 and 13 as the stratigraphic equivalent of 10,976ft MD. The well on the left is the Government '23' 1, which is structurally representative of the first take point of the Go State, while the well on the right is the Airstrip 6 State 1 which is structurally representative of the last take point of the Go State. On both of these wells, I have labeled the stratigraphic equivalent depth severance in red, and the Go State target in blue. This

Exhibit shows the uncertainty in the Go State Com 401H target due to the structural relief across the lateral. On the left well, the Go State target is only 100' from the depth severance, and would access the Bone Spring reservoir; however, the right well shows a lower target in the Wolfcamp A Shale, with a vertical separation from the depth severance of 235ft, which Cimarex would find more acceptable. We have asked to speak to a geologist at Pride that oversees the landing zone of the Go State, but we have had no luck getting in contact. Per John Coffman's email on Tuesday, November 8, 2022, we asked "Also, are you planning on landing in the upper Wolfcamp sands or the shale below?" to which Matt Pride replied on Wednesday, November 9, 2022 "Our well proposal for the Go State Com #401H is in the Upper Wolfcamp." However, the Upper Wolfcamp is composed of clastics and shale, so I am still unclear on the target.

14. Based on my full assessment of the Bone Spring and Wolfcamp formations, plus the lack of frac baffles and vertical distance of only 100' between Cimarex's and Pride's targets, Cimarex has proposed the superior development plan which captures most hydrocarbons within the combined 3rd Sand and Upper Wolfcamp reservoir, while Pride's well would undermine correlative rights and produce mostly from the 3rd Sand reservoir.

15. The primary target that should be developed in the Subject Lands is the 3rd Bone Spring, not the Upper Wolfcamp with the goal of capturing 3rd Bone Spring Sand reserves. Attempting to develop the Wolfcamp as Pride is wanting to do results in the inefficient development of both the Wolfcamp and the Bone Spring. Targeting the Wolfcamp Sands adds an unnecessary risk to capturing the Bone Spring reservoir from a drilling and geosteering perspective. The basal 3rd Bone Spring Sand lobe has consistent shale markers bounding both the top and base of the ~40ft drilling window; however, the Upper Wolfcamp stratigraphy gets

complex in a proximal setting, with shale markers varying per section (see Exhibit B-8) and no clear Gamma-Ray correlation while drilling, which can cause the well to go out of zone.

16. The Exhibits to this Statement were prepared by me or under my direction or compiled from Cimarex's company business records under my supervision.

17. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

Signature page of Self-Affirmed Statement of Staci Mueller:

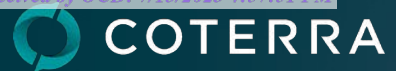
I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23295 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief, and made under penalty of perjury under the laws of the State of New Mexico.


Staci Mueller

7/11/2023
Date Signed

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Page 65 of 120



Geology Exhibits

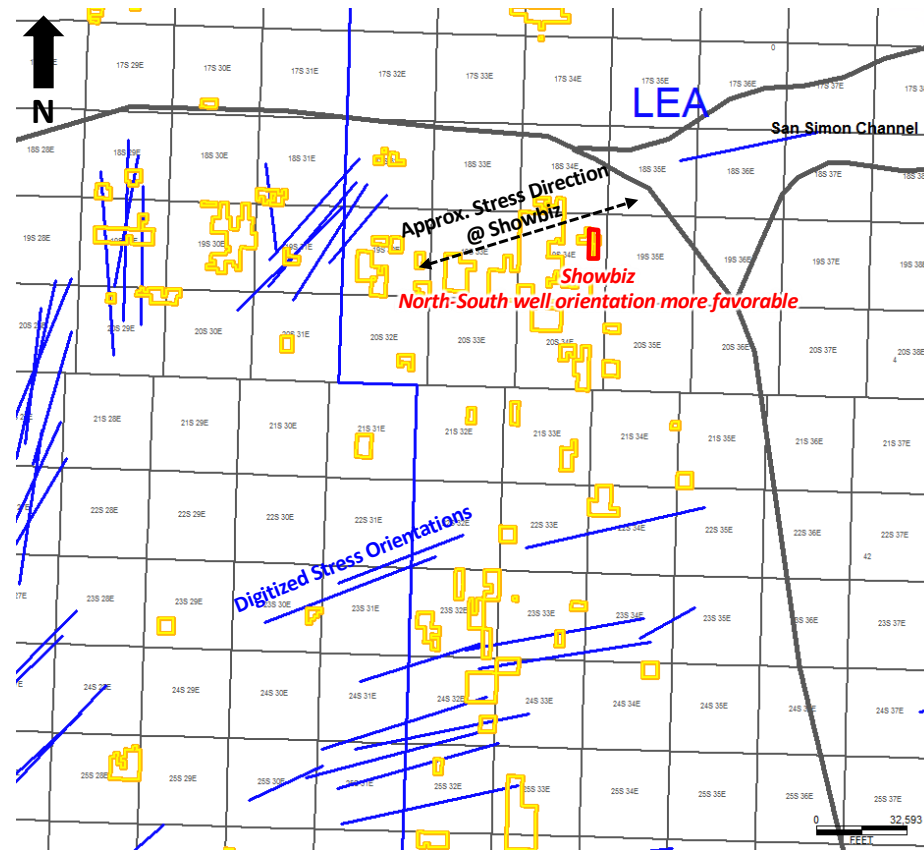
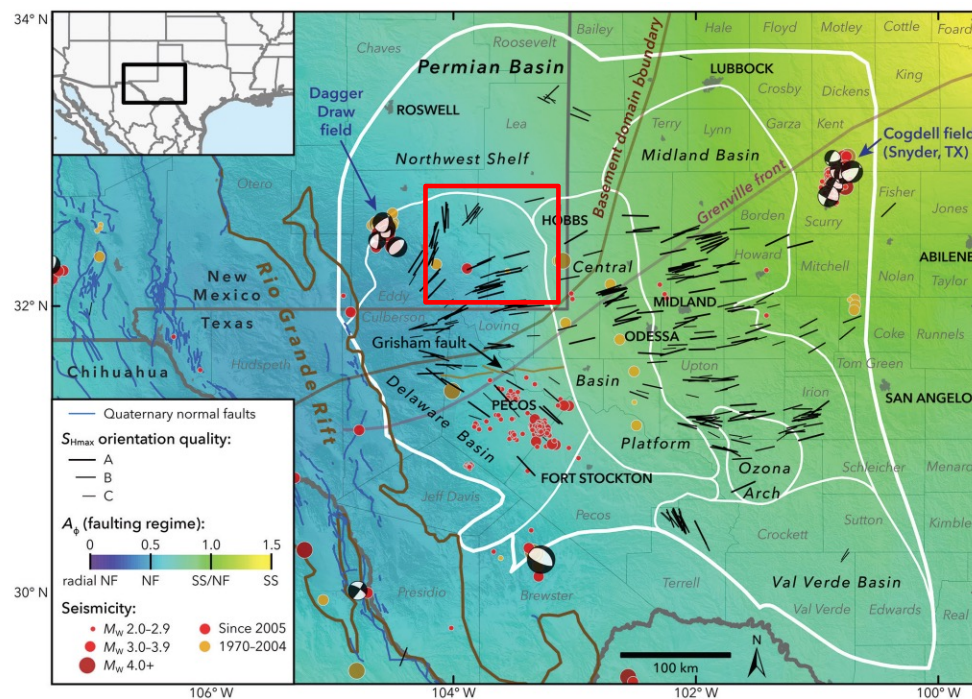
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Locator Map & Stress Direction

Page 66 of 120



State of stress in the Permian Basin, Texas and New Mexico: Implications for induced seismicity

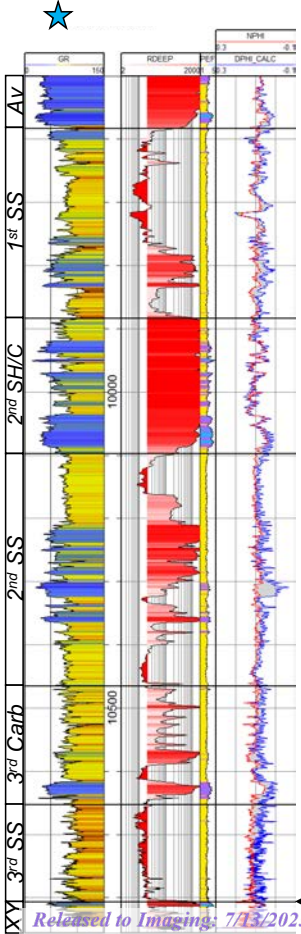
Jens-Erik Lund Sneek¹ and Mark D. Zoback¹

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EXHIBIT
B-1

3rd Bone Spring Sand Structure

Quail Ridge 11
State 1H



IMAGED

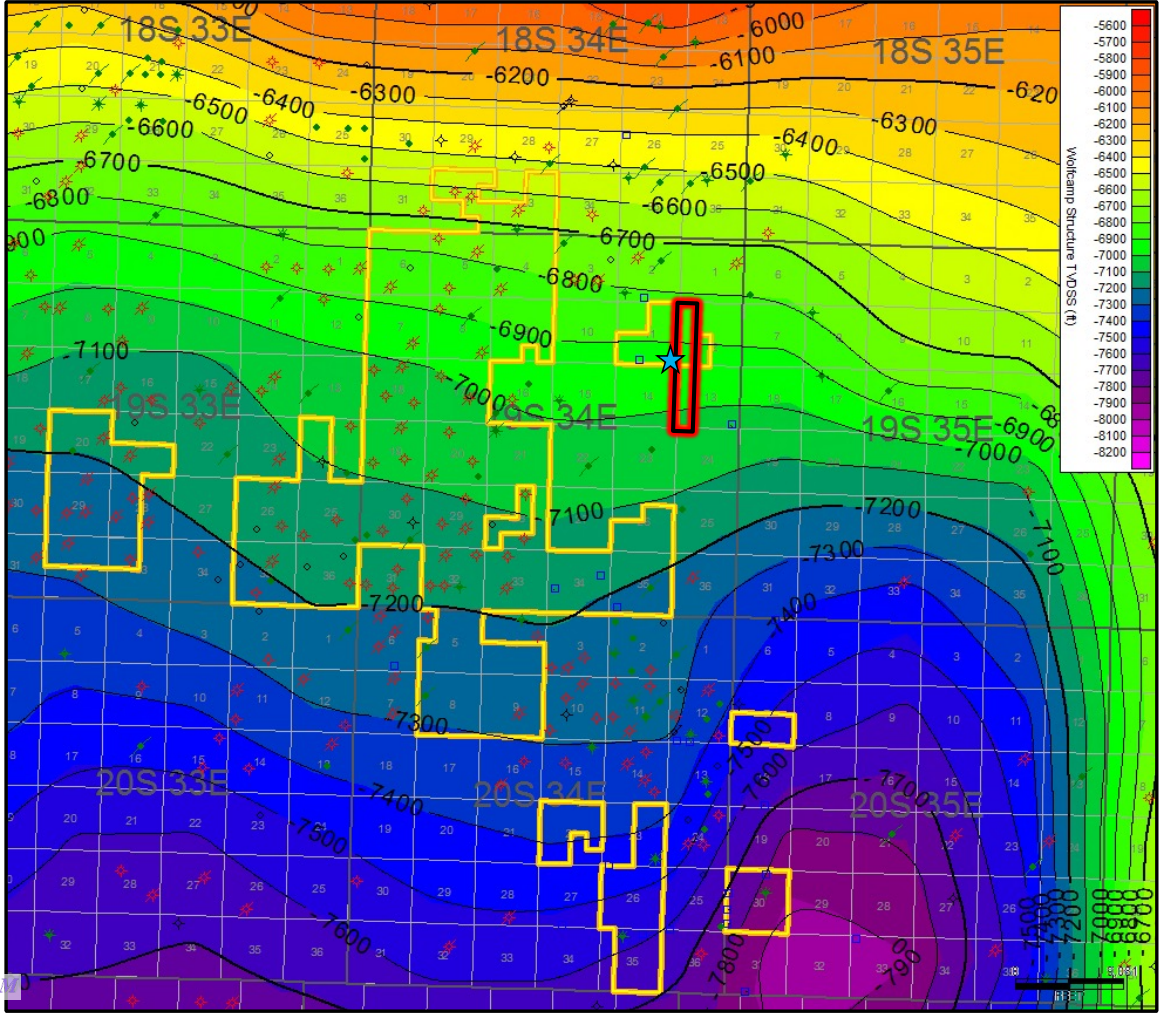
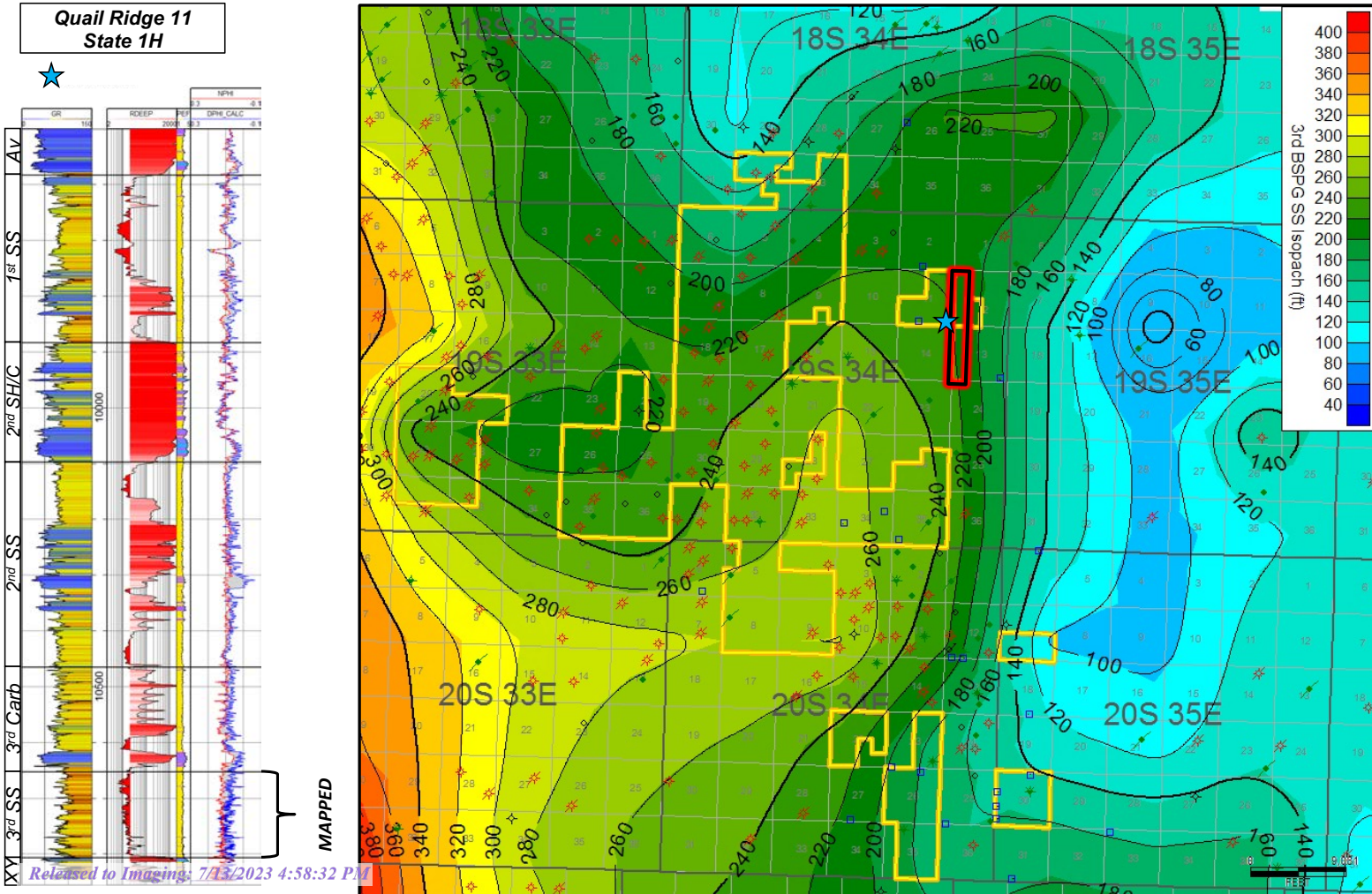


EXHIBIT
B-2

EXHIBIT
B-3

3rd Bone Spring Sand Isopach



3rd Bone Spring Sand Cross Section

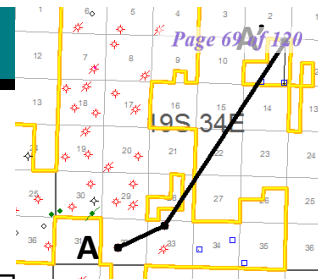
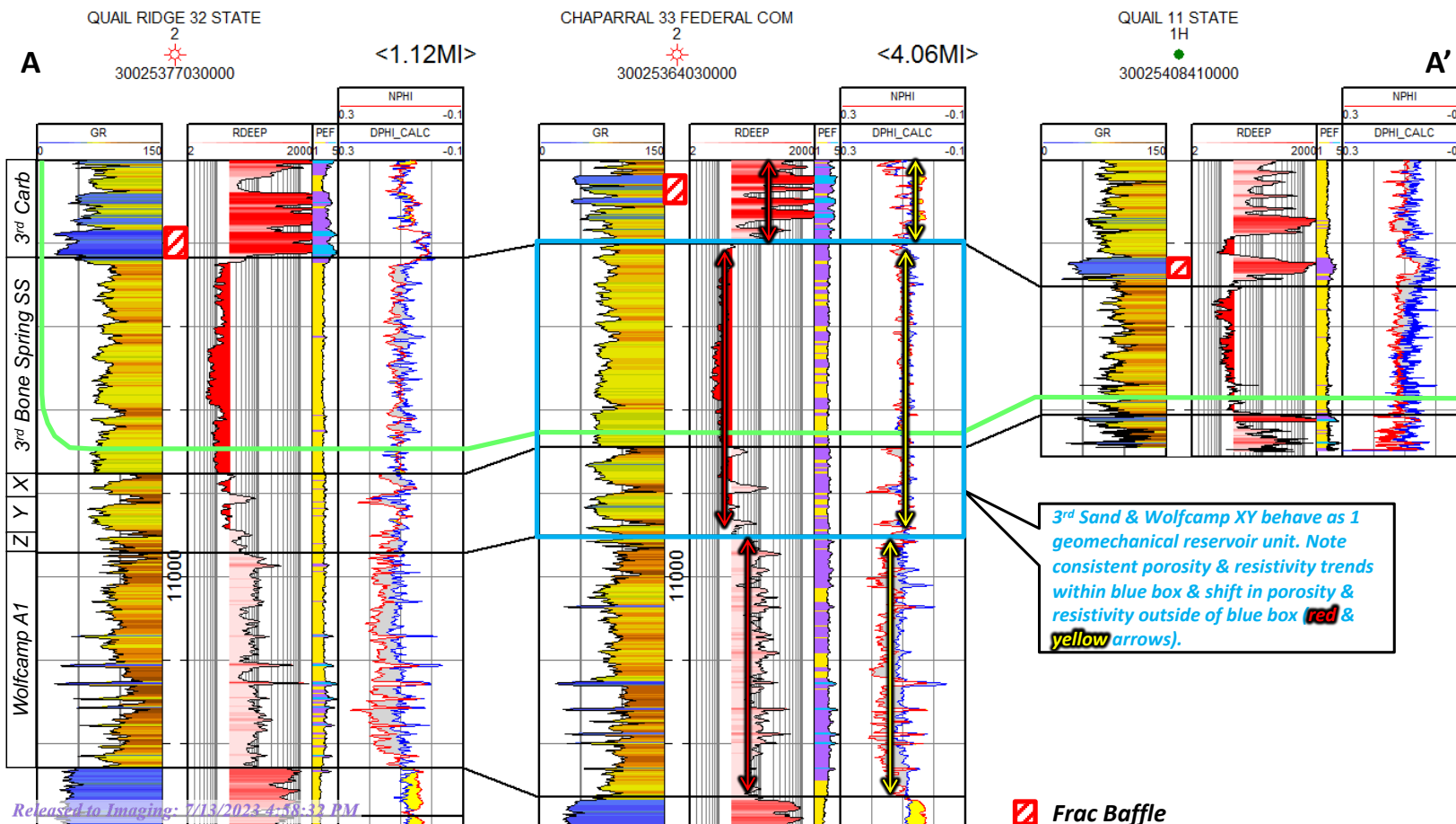
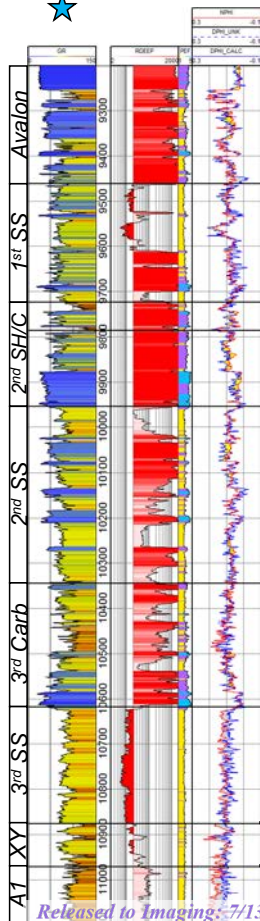


EXHIBIT
B-4

3rd Bone Spring Sand is Established Target With Over Double the SoPhiH COTERRA

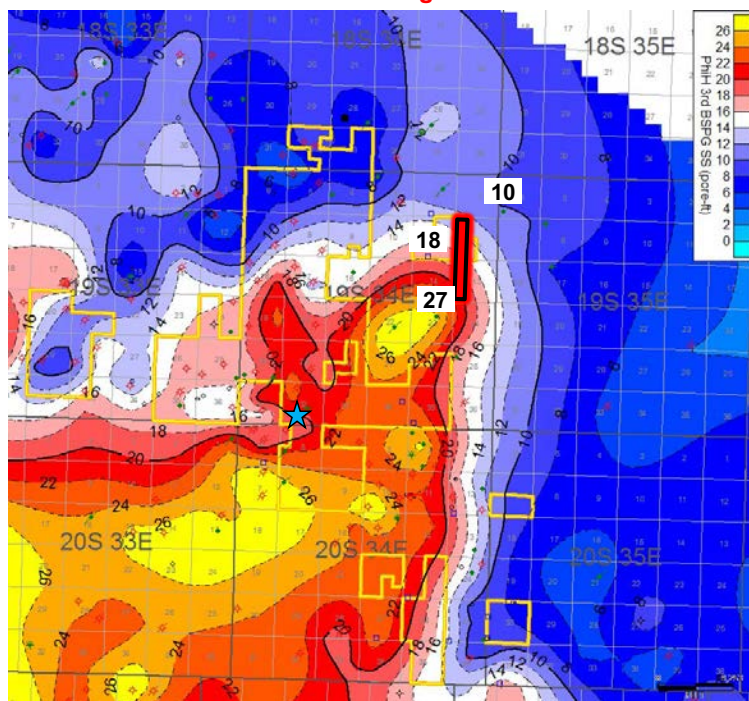
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State 2



Left Map

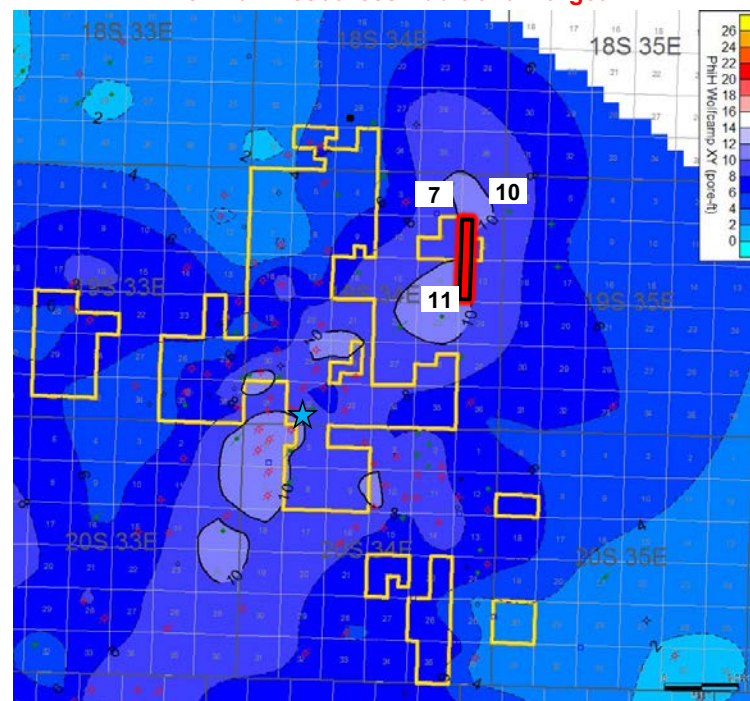
Right Map

PhiH 3rd Bone Spring Sand CTRA Target



Avg PhiH in 3rd SS = 18.3
66.4% of total reservoir

PhiH Wolfcamp X & Y Sands Permian Resources Additional Target

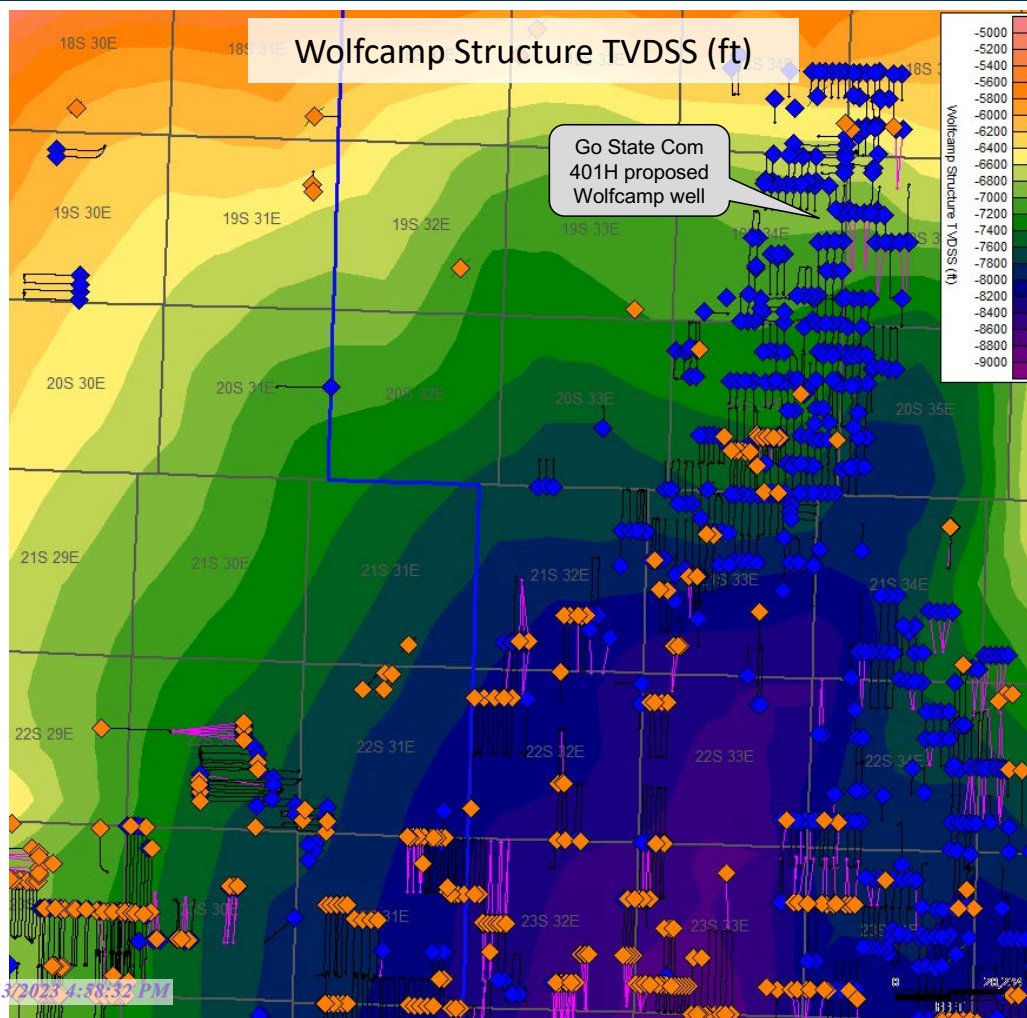


Avg PhiH in WFMP XY = 9.33
33.6% of total reservoir

EXHIBIT
B-5

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Co-Wolfcamp SS/3rd SS Development Begins Further South



- 3rd Bone Spring Sand
- Wolfcamp Sands

EXHIBIT
B-6

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Lower Go State Target to Protect Cimarex Correlative Rights in BSPG

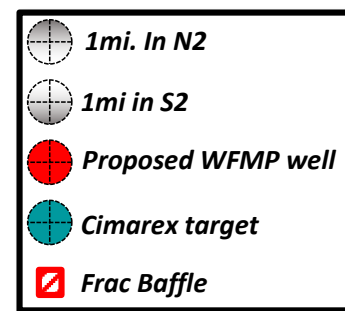
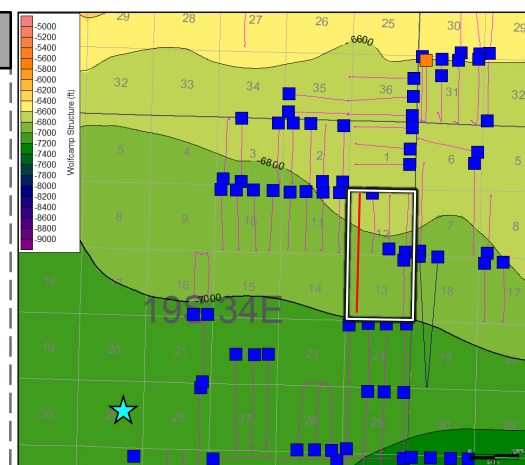
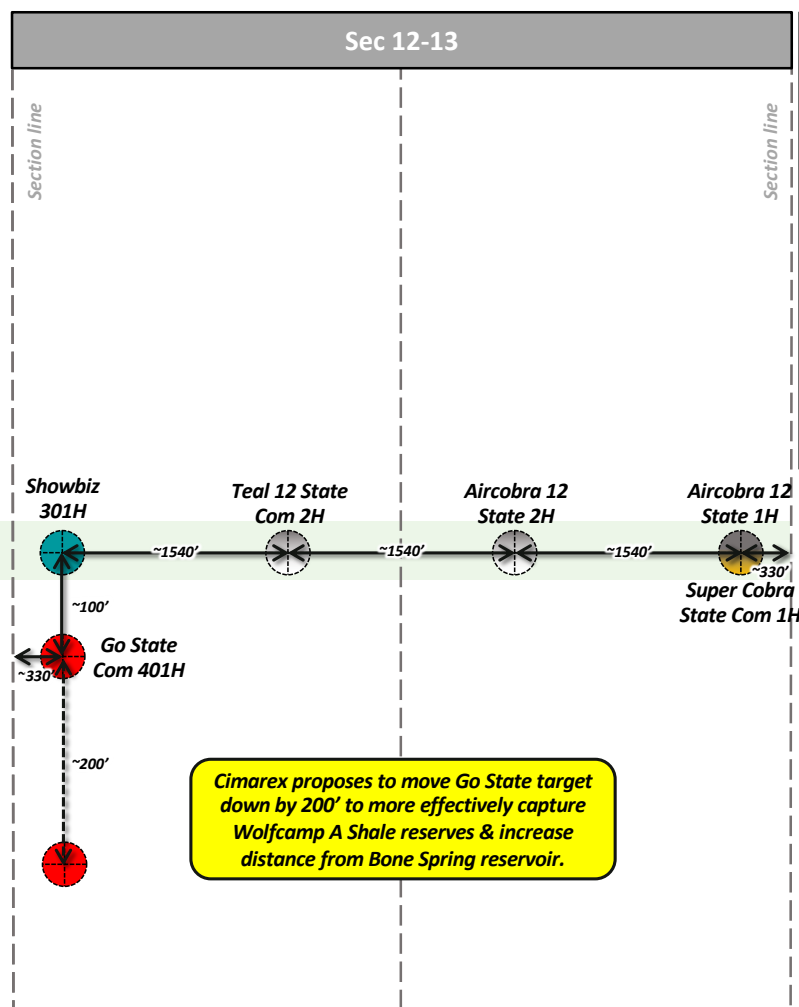
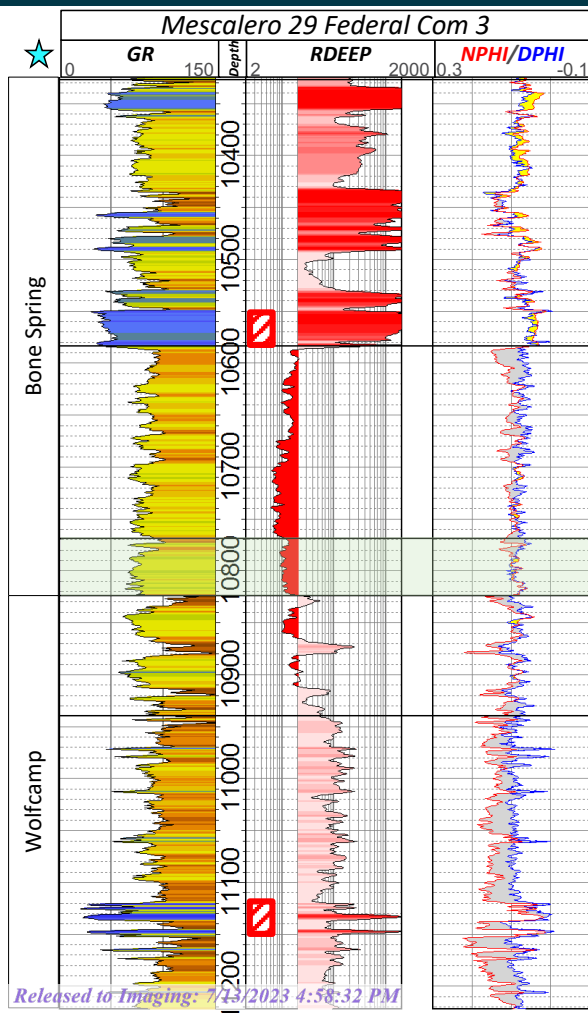


EXHIBIT
B-7

Go State ~100' Below Depth Severance, Will Access BSPG Reservoir

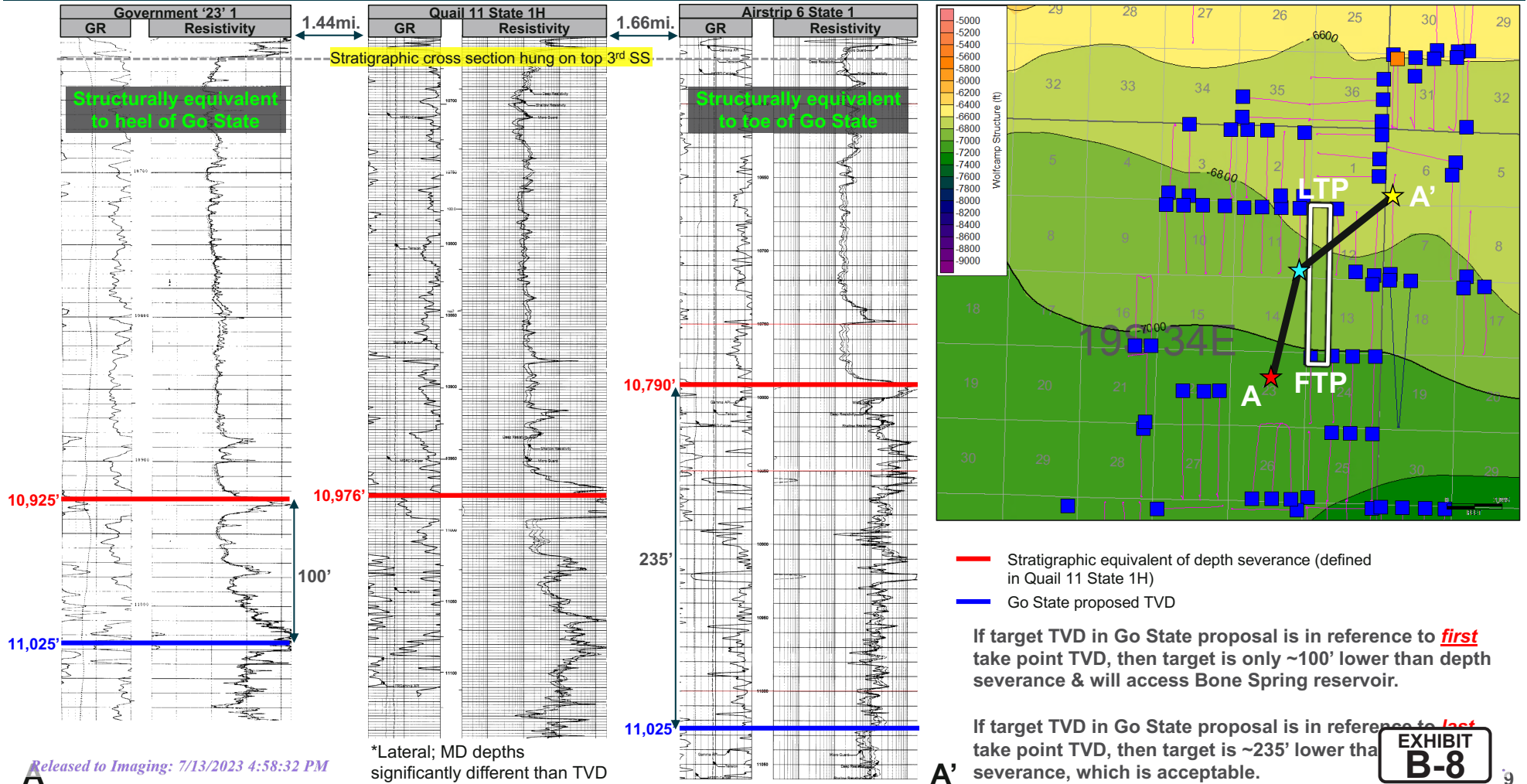


EXHIBIT
B-8

TAB 4

Coterra Supplemental Exhibits:

- Coterra Exhibit S-1: Showbiz Wine Rack
- Coterra Exhibit S-2: Land Summary, Bone Spring and Wolfcamp Ownership
- Coterra Exhibit S-3: Wolfbone PhiH Allocation Table
- Coterra Exhibit S-4: Wolfbone 50/50 Allocation Table

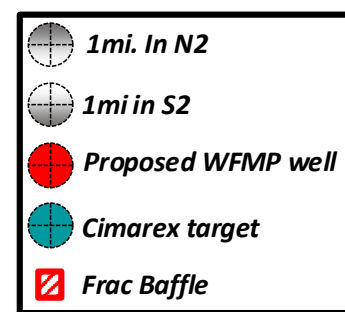
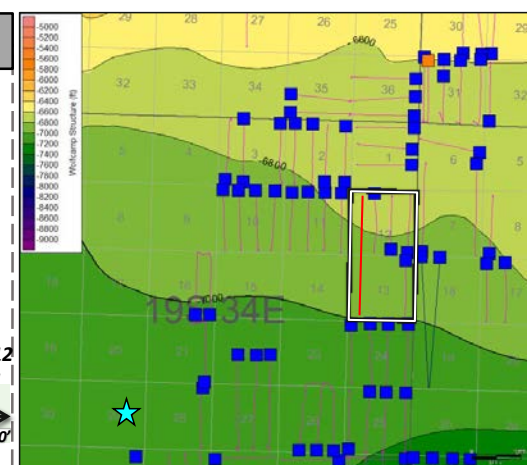
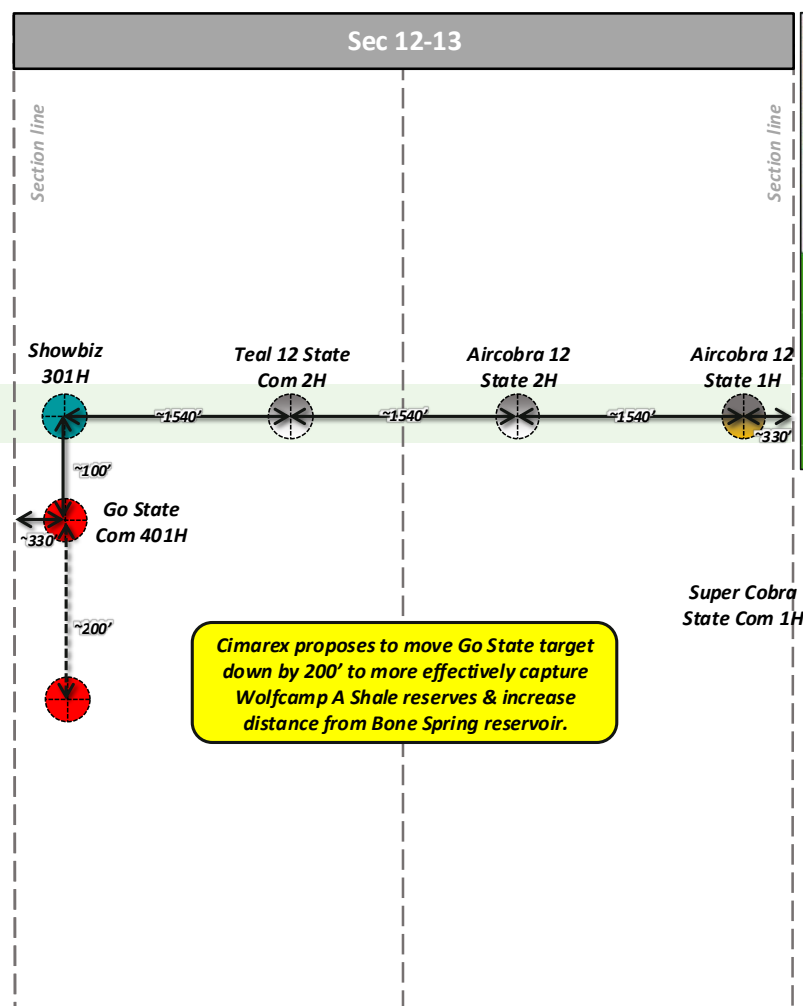
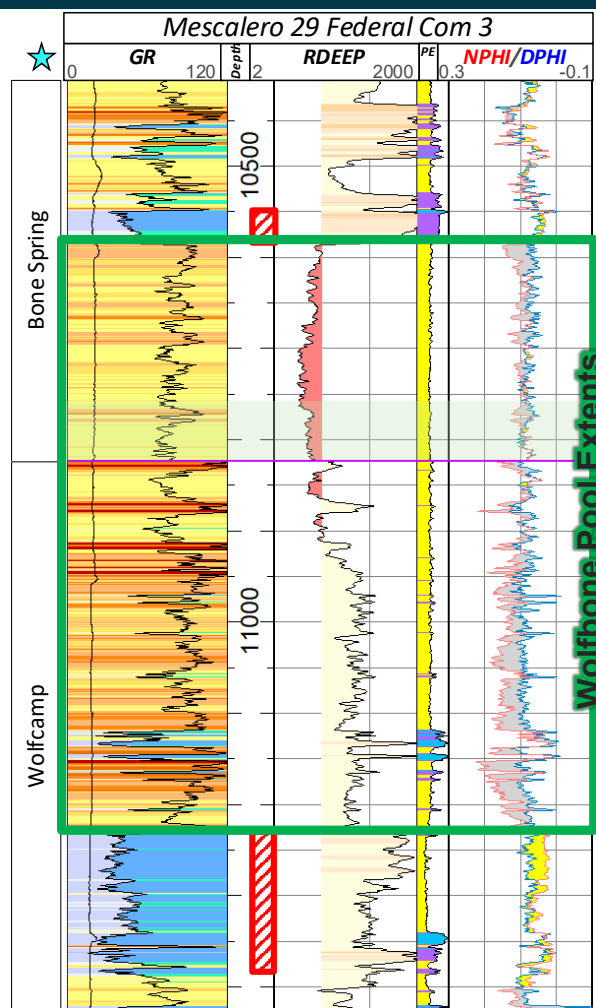




Showbiz – Supplemental Land Exhibits

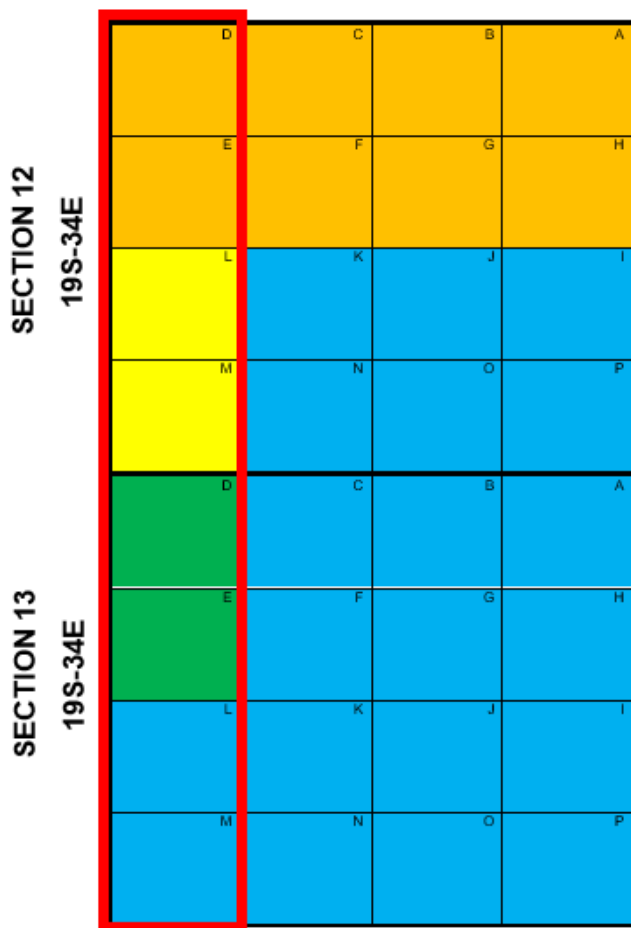
- ***Exhibit S-1 – Showbiz Wine Rack***
- ***Exhibit S-2 – Land Summary, Bone Spring and Wolfcamp Depths Ownership***
- ***Exhibit S-3 – PhiH Allocation Table***
- ***Exhibit S-4 – 50/50 Allocation Table***

Lower Go State Target to Protect Cimarex Correlative Rights in BSPG



Coterra Exhibit S-1

Showbiz – Land Summary – Coterra Exhibit S-2



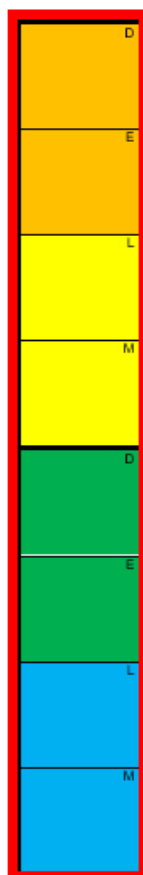
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- Tract 3 – State of NM – V067570 – (80 ac)
- Tract 4 – State of NM – OG47692 – (80 ac)
- Proposed Showbiz Unit Boundary

Showbiz – Bone Spring Depths Ownership – Coterra Exhibit S-2



SECTION 12
19S-34E

SECTION 13
19S-34E



Owner	Bone Spring Unit WI
MRC Permian Company^^	8.75000%
Hanley Petroleum Inc.	5.25000%
Prospector, LLC**	2.50000%
Marathon Oil Permian, LLC	3.62500%
Crump Family Partnership, Ltd	0.62500%
Buckhorn Energy, LLC	0.62500%
LHAH Properties, LLC	0.62500%
Warren Ventures, Ltd.	0.62500%
Featherstone Development Corp**	0.50000%
CD Ray Exploration, LLC	0.41667%
Big Three Energy Group, LLC**	0.37500%
Parrot Head Properties, LLC**	0.37500%
H6 Holdings, LLC	0.31250%
Sharktooth Resources, Ltd.	0.20833%
Tarpon Industries	0.12500%
TBO Oil & Gas, LLC	0.06250%
Chevron USA, Inc.	25.00000%
Coterra Energy Operating Co. f/k/a Cimarex Energy Co.	25.00000%
Coterra Energy Operating Co. f/k/a Cimarex Energy Co.	25.00000%
Total WI	100.00000%
Total Coterra WI	53.75000%
Total Pride WI	0.00000%

**Coterra Energy Operating Co. acquired this interest in 2024

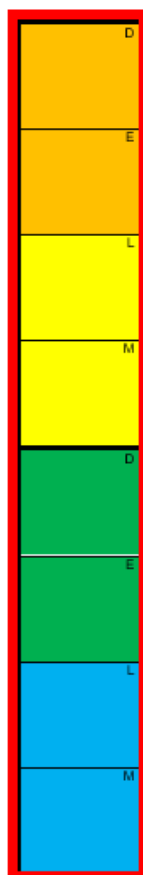
^^MRC Permian acquired the interest of COG Operating LLC and Concho Oil and Gas

Showbiz – Wolfcamp Depths Ownership – Coterra Exhibit S-2



SECTION 12
19S-34E

SECTION 13
19S-34E

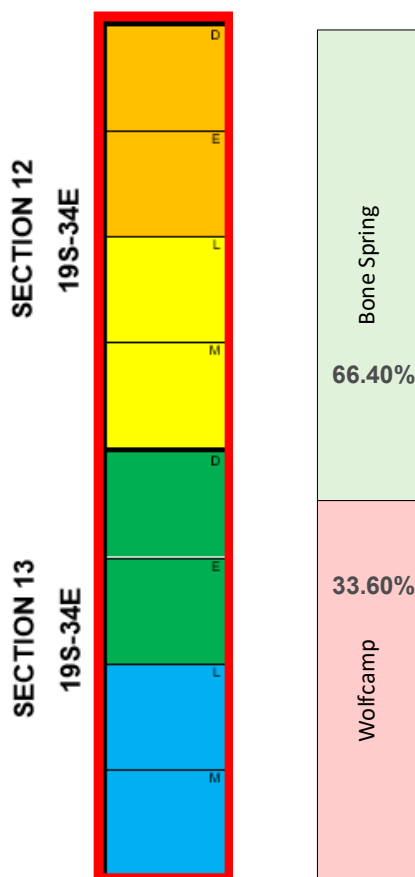


Owner	Wolfcamp Unit WI
MRC Permian Company^^	8.75000%
Hanley Petroleum Inc.	5.25000%
Prospector, LLC**	2.50000%
Marathon Oil Permian, LLC	3.62500%
Crump Family Partnership, Ltd	0.62500%
Buckhorn Energy, LLC	0.62500%
LHAH Properties, LLC	0.62500%
Warren Ventures, Ltd.	0.62500%
Featherstone Development Corp**	0.50000%
CD Ray Exploration, LLC	0.41667%
Big Three Energy Group, LLC**	0.37500%
Parrot Head Properties, LLC**	0.37500%
H6 Holdings, LLC	0.31250%
Sharktooth Resources, Ltd.	0.20833%
Tarpon Industries	0.12500%
TBO Oil & Gas, LLC	0.06250%
Chevron USA, Inc.	25.00000%
Pride Energy Company	25.00000%
Coterra Energy Operating Co. f/k/a Cimarex Energy Co.	25.00000%
Total WI	100.00000%
Total Coterra WI	28.75000%
Total Pride WI	25.00000%

**Coterra Energy Operating Co. acquired this interest in 2024

^^MRC Permian acquired the interest of COG Operating LLC and Concho Oil and Gas

Showbiz – PhiH Allocation Table – Coterra Exhibit S-3

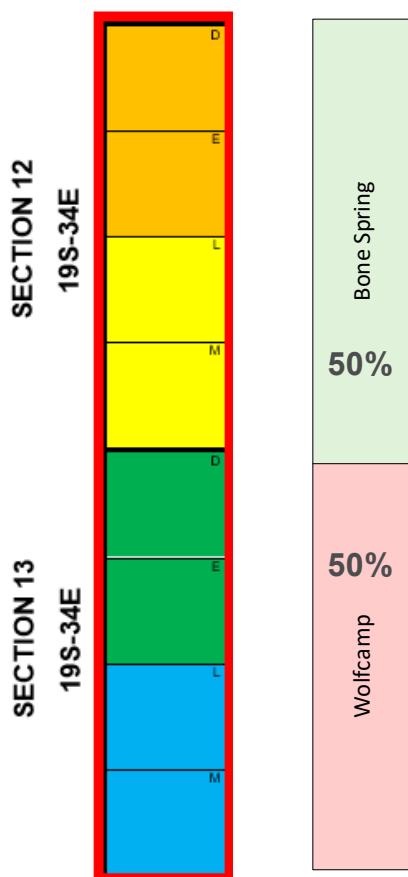


Owner	PhiH 66.40%/33.60% Bone Spring Depths WI	PhiH 66.40%/33.60% Wolfcamp Depths WI	Summary WI 66.40%/33.60% Allocation
MRC Permian Company^^	5.81000%	2.94000%	8.75000%
Hanley Petroleum Inc.	3.48600%	1.76400%	5.25000%
Prospector, LLC**	1.66000%	0.84000%	2.50000%
Marathon Oil Permian, LLC	2.40700%	1.21800%	3.62500%
Crump Family Partnership, Ltd	0.41500%	0.21000%	0.62500%
Buckhorn Energy, LLC	0.41500%	0.21000%	0.62500%
LHAH Properties, LLC	0.41500%	0.21000%	0.62500%
Warren Ventures, Ltd.	0.41500%	0.21000%	0.62500%
Featherstone Development Corp**	0.33200%	0.16800%	0.50000%
CD Ray Exploration, LLC	0.27667%	0.14000%	0.41667%
Big Three Energy Group, LLC**	0.24900%	0.12600%	0.37500%
Parrot Head Properties, LLC**	0.24900%	0.12600%	0.37500%
H6 Holdings, LLC	0.20750%	0.10500%	0.31250%
Sharktooth Resources, Ltd.	0.13833%	0.07000%	0.20833%
Tarpon Industries	0.08300%	0.04200%	0.12500%
TBO Oil & Gas, LLC	0.04150%	0.02100%	0.06250%
Chevron USA, Inc.	16.60000%	8.40000%	25.00000%
Coterra Energy Operating Co. f/k/a Cimarex Energy Co.	33.20000%	8.40000%	41.60000%
Pride Energy Company	0.00000%	8.40000%	8.40000%
TOTAL WI			100.00000%
Total Coterra WI			45.35000%
Total Pride WI			8.40000%

**Coterra Energy Operating Co. acquired this interest in 2024

^^MRC Permian acquired the interest of COG Operating LLC and Concho Oil and Gas

Showbiz – 50/50 Allocation Table – Coterra Exhibit S-4



Owner	50/50 Bone Spring Depths WI	50/50 Wolfcamp Depths WI	Summary WI 50/50 Allocation
MRC Permian Company^^	4.37500%	4.37500%	8.75000%
Hanley Petroleum Inc.	2.62500%	0.02625	5.25000%
Prospector, LLC**	1.25000%	1.25000%	2.50000%
Marathon Oil Permian, LLC	1.81250%	1.81250%	3.62500%
Crump Family Partnership, Ltd	0.31250%	0.31250%	0.62500%
Buckhorn Energy, LLC	0.31250%	0.31250%	0.62500%
LHAH Properties, LLC	0.31250%	0.31250%	0.62500%
Warren Ventures, Ltd.	0.31250%	0.31250%	0.62500%
Featherstone Development Corp**	0.25000%	0.25000%	0.50000%
CD Ray Exploration, LLC	0.20833%	0.20833%	0.41667%
Big Three Energy Group, LLC**	0.18750%	0.18750%	0.37500%
Parrot Head Properties, LLC**	0.18750%	0.18750%	0.37500%
H6 Holdings, LLC	0.15625%	0.15625%	0.31250%
Sharktooth Resources, Ltd.	0.10417%	0.10417%	0.20833%
Tarpon Industries	0.06250%	0.06250%	0.12500%
TBO Oil & Gas, LLC	0.03125%	0.03125%	0.06250%
Chevron USA, Inc.	12.50000%	12.50000%	25.00000%
Coterra Energy Operating Co. f/k/a Cimarex Energy Co.	25.00000%	12.50000%	37.50000%
Pride Energy Company	0	12.50000%	12.50000%
TOTAL WI			100.00000%
Total Coterra WI			41.25000%
Total Pride WI			12.50000%

**Coterra Energy Operating Co. acquired this interest in 2024

^^MRC Permian acquired the interest of COG Operating LLC and Concho Oil and Gas

TAB 5

Exhibit C: Affidavit and Resume of Mark McCoy, Petroleum Engineer

- Exhibit C-1: 3rd Bone Spring Sand Is the Established Target Near the Subject Lands
- Exhibit C-2: CTRA Test Proves 3rd Bone Spring is Superior to Wolfcamp
- Exhibit C-3: Other Operators Prove 3rd Bone Spring is Superior to Wolfcamp
- Exhibit C-4: Public HFTS-2 Study, Delaware Basin
- Exhibit C-5: Proposed Plan to Protect Correlative Rights
- Exhibit C-6: All Wells in Area of Interest



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

**APPLICATIONS OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO**

Case No. 23295

SELF-AFFIRMED STATEMENT OF MARK McCOY

I, being duly sworn on oath, state the following:

1. I am over the age of 18, and I have personal knowledge of the matters stated herein.
2. I am employed as a reservoir engineer for Cimarex Energy Co. (“Cimarex” or “Coterra/Cimarex”), and I am familiar with the subject application and the engineering involved.
3. I seek to be qualified by the New Mexico Oil Conservation Division (“Division”) as an expert reservoir engineer. I have not previously made my credentials a matter of record and been qualified as an expert by the Division.
 - a. I hold a Bachelor’s degree in Mechanical Engineering obtained from the University of Oklahoma. I completed my education in 2021.
 - b. I have been employed full-time as a reservoir engineer with Cimarex/Coterra since June 2021.
 - c. I am attaching a one-page resume of my credentials for the Commission’s review and consideration and ask that I be accepted as an expert witness in engineering matters.
4. **Exhibit C-1:** The 3rd Bone Spring is an established, successful target near the Subject Lands, having been executed 222 times. Coterra/Cimarex had a large hand in this, drilling 35 3rd Bone Spring wells near the Subject Lands since 2010. Wells drilled by Coterra/Cimarex are shown with a yellow outline on bottom-hole location. Figure 1 in Exhibit C-1 is a visual

demonstration of the prevalence of the 3rd Bone Spring as a target near the Subject Lands. It is obvious from the number of times this zone has been drilled that it is highly prolific. The Wolfcamp is a largely untested zone with moderate to poor results near the Subject Lands, having been executed only 22 times, or 10% as frequent as the 3rd Bone Spring. Coterra/Cimarex tested the Wolfcamp in section 22, 20S 34E, and the well showed markedly poorer results than nearby 3rd Sand wells. Pride has executed the 3rd Sand twice, directly offset of the Subject Lands. These wells are shown with a red circle near the approximate bottom-hole location. Pride's wells are not able to be evaluated, likely due to lack of data reporting.

5. **Exhibit C-2:** The plot on Exhibit C-2 shows production in cumulative oil per foot versus days for two wells Coterra/Cimarex drilled and operates in section 22, 20S 34E. This plot shows that the CTRA Perry 1H (2014) 3rd Sand well outperforms the modern CTRA Perry 4H (2018) Wolfcamp completion in the same section 1 township south of the Subject Lands. This is highly significant, because it proves that the amount of reserves and flow properties contained in the 3rd Bone Spring are so much greater than the Wolfcamp below, that even a 5x smaller completion in the 3rd Bone Spring still results in a better well. However, this is not a novel idea, and Exhibit C-3 demonstrates that this is a trend observed across the area.

6. **Exhibit C-3:** The plot on Exhibit C-3 shows cumulative oil per foot versus days for both 3rd Bone Spring and Wolfcamp wells near the Subject Lands. The wells selected on the plot all have modern completion designs which are greater than or equal to what Coterra/Cimarex is planning to execute in the Subject Lands. The 3rd Bone Spring wells tend to be anywhere from 2 to 6 times as strong as a Wolfcamp well when completion design is similar. This further drives home the point that the majority of reserves and greatest flow properties are contained within the 3rd Bone Spring. While the 3rd Bone Spring wells Pride drilled directly offset of the Subject Lands

would be a nice addition to this plot, it seems they have not reported C-115 production to the State even 1 year and 9 months after first production, so these wells cannot be evaluated at this time. It should also be noted that one of the most prolific wells on the plot, the Mescalero 21 1H, was drilled and is operated by Coterra/Cimarex.

7. **Exhibit C-4:** It has been proven that the majority of reserves are contained within the 3rd Bone Spring versus the Wolfcamp. Cimarex is highly concerned about Pride's plan to land in the Wolfcamp only 100' below the Bone Spring because of the tendency of Wolfcamp fractures to grow up and deplete the 3rd Bone Spring. A public study known as Hydraulic Fracturing Test Site 2 (HFTS-2) studied this depletion of the 3rd Bone Spring from the Wolfcamp in Northern Loving County, NM. This study is documented in URTeC paper 3723620. The findings purport that hydraulic fractures from the Wolfcamp grow primarily up (*URTeC: 3723620, page 9*), and that pressure gauges in the 3rd Bone Spring observed a drawdown of ~4,000 PSI after 1 year from the Wolfcamp wells below (*URTeC: 3723620, page 11*). The Wolfcamp Y Sand target at HFTS-2 is 177' below the 3rd Bone Spring Sand, while the Go State Wolfcamp Y Sand target is 100' below the 3rd Bone Spring Sand. This suggests that similar-to-greater depletion as was observed at HFTS-2 will occur from Wolfcamp to 3rd Bone Spring in the Subject Lands. Cimarex believes that Pride's plan is a blatant attempt to capture 3rd Bone Spring reserves from the Wolfcamp. Whether willful or negligent, Pride's plan if executed will violate CTRA's correlative rights.

8. **Exhibit C-5:** As an alternative solution to protect Cimarex's correlative rights, Cimarex proposes that Pride first execute a Wolfcamp well below Pride's own existing 3rd Bone Spring wells. This would show that Pride believes in the viability of the Wolfcamp in the presence of a wellbore draining the 3rd Bone Spring. If Pride is not agreeable to this, they are effectively conceding that the success of their Wolfcamp well is dependent on reserves contained within the

3rd Bone Spring. If Pride's Wolfcamp test below their existing 3rd Bone Spring is successful, and they would still like to develop it in the Subject Lands, Cimarex proposes that Pride lower their landing zone by a minimum of 200' as shown by the grey circle on Exhibit C-5. This likely won't prevent all drainage from Wolfcamp to 3rd Bone Spring, but this will provide a stronger buffer between the 3rd Bone Spring and Wolfcamp. If Pride would be willing to lower their landing as specified and required by the geology, then Pride could have its development of the Wolfcamp, without waste, drainage or violation of correlative rights, and Cimarex can have their highly productive development plan for the Bone Spring. If Pride is unwilling to lower its landing zone, then only Cimarex's development plan should be allowed, which is the only plan for the Subject Lands that achieves optimal production, prevents waste, and protects correlative rights.

9. The dataset that identifies all the wells in the Area of Interest, is used in this analysis, and plays a role in the conclusions drawn is attached hereto as **Exhibit C-6**.

10. The Exhibits to this Statement were prepared by me or compiled from Cimarex's company business records under my supervision.

11. The granting of this Application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

12. The foregoing is correct and complete to the best of my knowledge and belief.

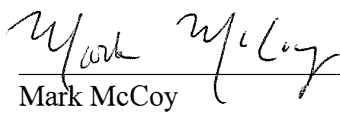
[Signature page follows]

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Signature page of Self-Affirmed Statement of Mark McCoy:

I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23295 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief and made under penalty of perjury under the laws of the State of New Mexico.


Mark McCoy

7-10-2023

Date Signed

MARK N. MCCOY

Midland, TX | (918) 607-1838 | mark.mccoy@coterra.com

Education

University of Oklahoma, Norman, OK

May 2021

Bachelor of Science, Mechanical Engineering with Special Distinction

Cumulative GPA: 3.93, Summa Cum Laude

Oil and Gas Experience

Coterra/Cimarex Energy Inc. - Reservoir Engineer, Midland, TX

June 2021-Present

Work closely with land specialists, geoscientists, and engineers to plan large-scale, unconventional Coterra-operated developments in Eddy and Lea County, NM. Model company cashflows by forecasting oil, gas, and water volumes for future projects, and make recommendations to management for economically optimal target zone, well spacing, completions design, and execution timelines. Also evaluate and recommend best decisions for non-op proposals and trade prospects to maintain robust company economics and grow company inventory.

Cimarex Energy Co. - Reservoir Engineering Internship, Tulsa, OK

Summer 2020

Studied relationship between flow capacity and completion design in unconventional wells in the Woodford region of Oklahoma. Used findings to refine completion design in order to cut costs without reducing profitability of wells.

Cimarex Energy Co. - Field Internship, West TX & Southeast NM

Summer 2019

Lived on a drilling rig in West Texas, observed operations, worked rig move logistics project, and catalogued learnings in weekly reports. Learned the ins and outs of drilling wells in the Permian basin from a firsthand perspective.

EXHIBIT
C

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COTERRA

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Engineering Exhibit C

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3rd Bone Spring Sand is the Established Target Near the Subject Lands



Figure 1: 3rd Bone Spring Sand Producers

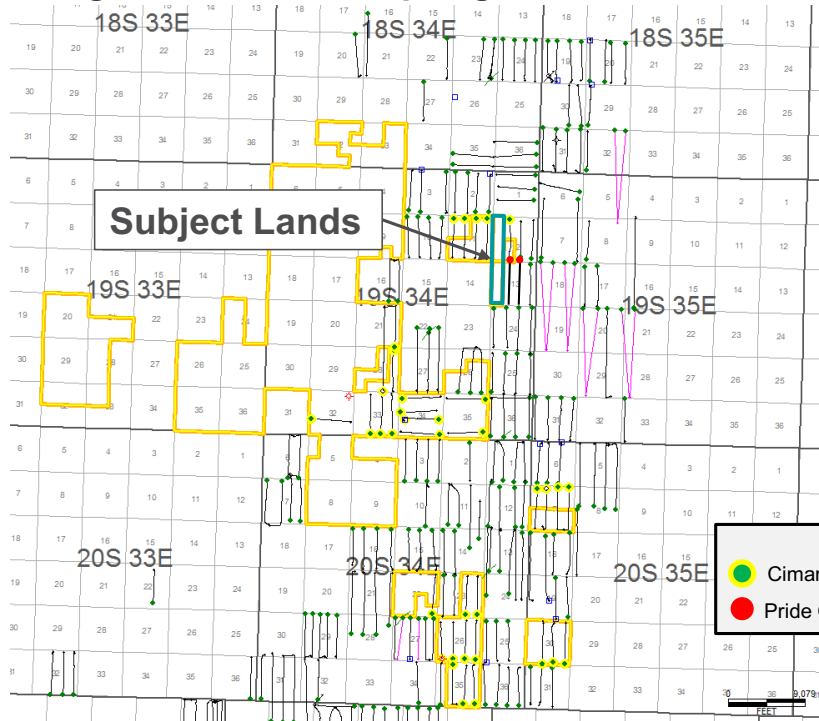
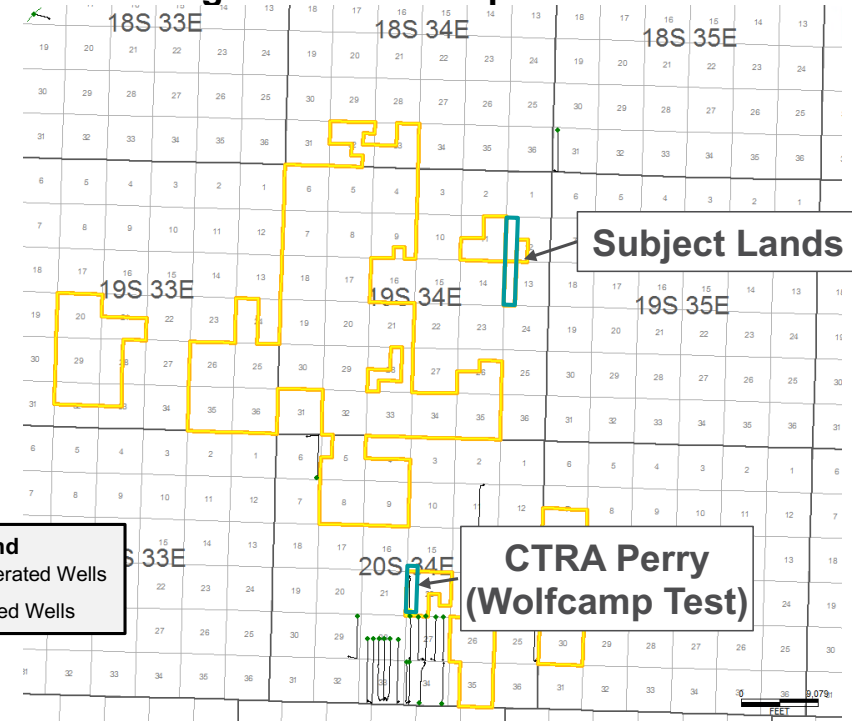


Figure 2: Wolfcamp Producers

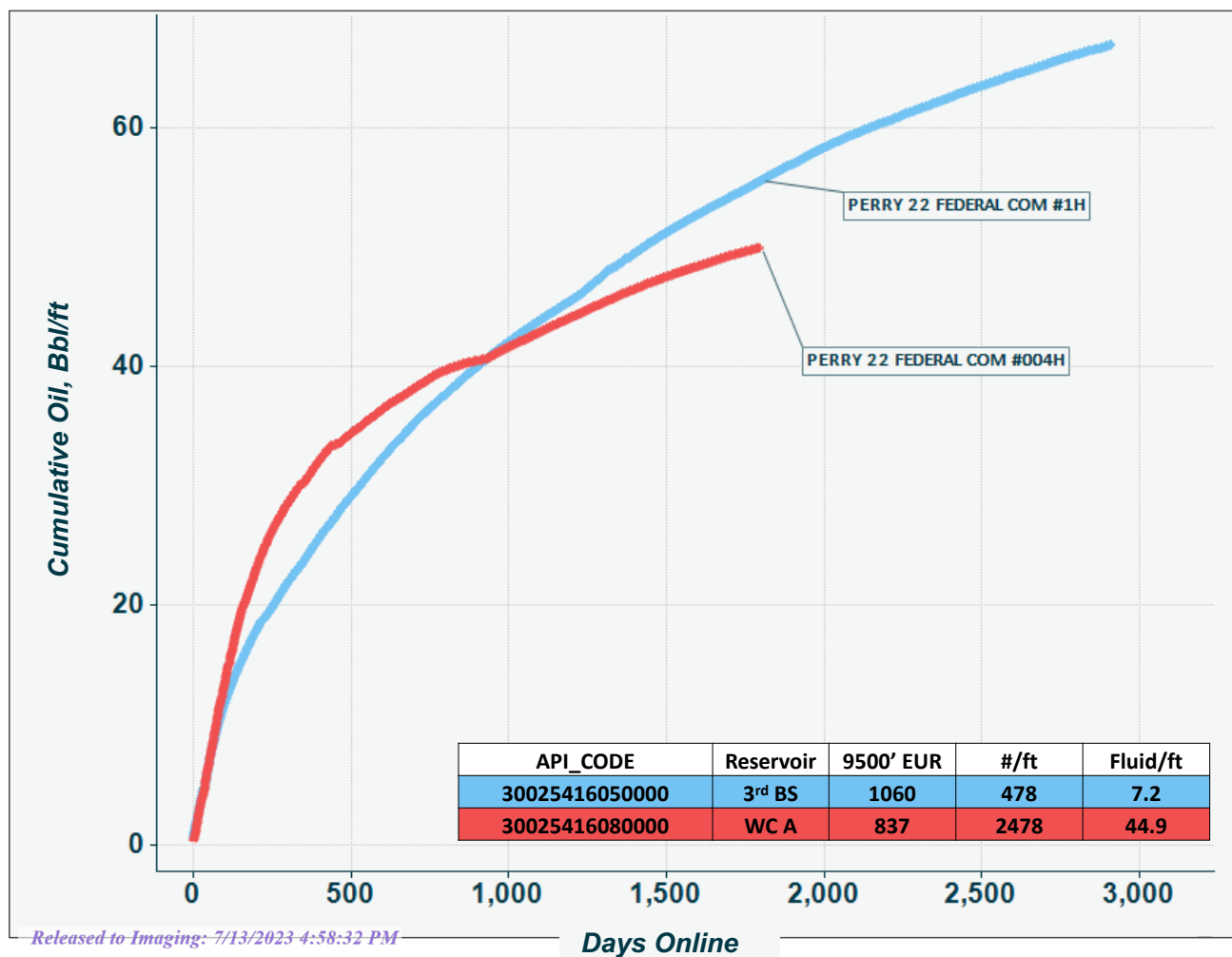


- 3rd Bone Spring Sand is the primary target with strong results near the Subject Lands (Figure 1)
 - CTRA has drilled 35 wells, Pride has drilled 2
- Wolfcamp is largely untested, with poor to moderate results (Figure 2)
 - CTRA has drilled a Wolfcamp test showing markedly poorer results than 3rd Sand in the same section
 - Pride has no experience in the Wolfcamp near the Subject Lands

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EXHIBIT
C-1

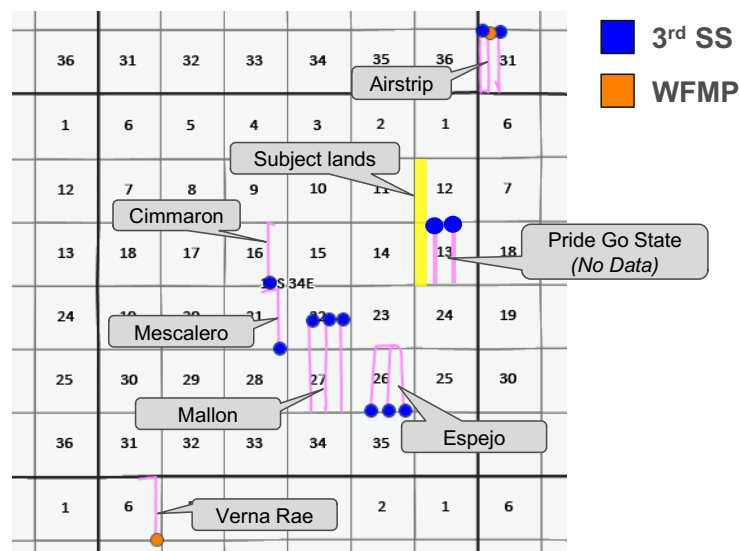
CTRA Test Proves 3rd Bone Spring is Superior to Wolfcamp



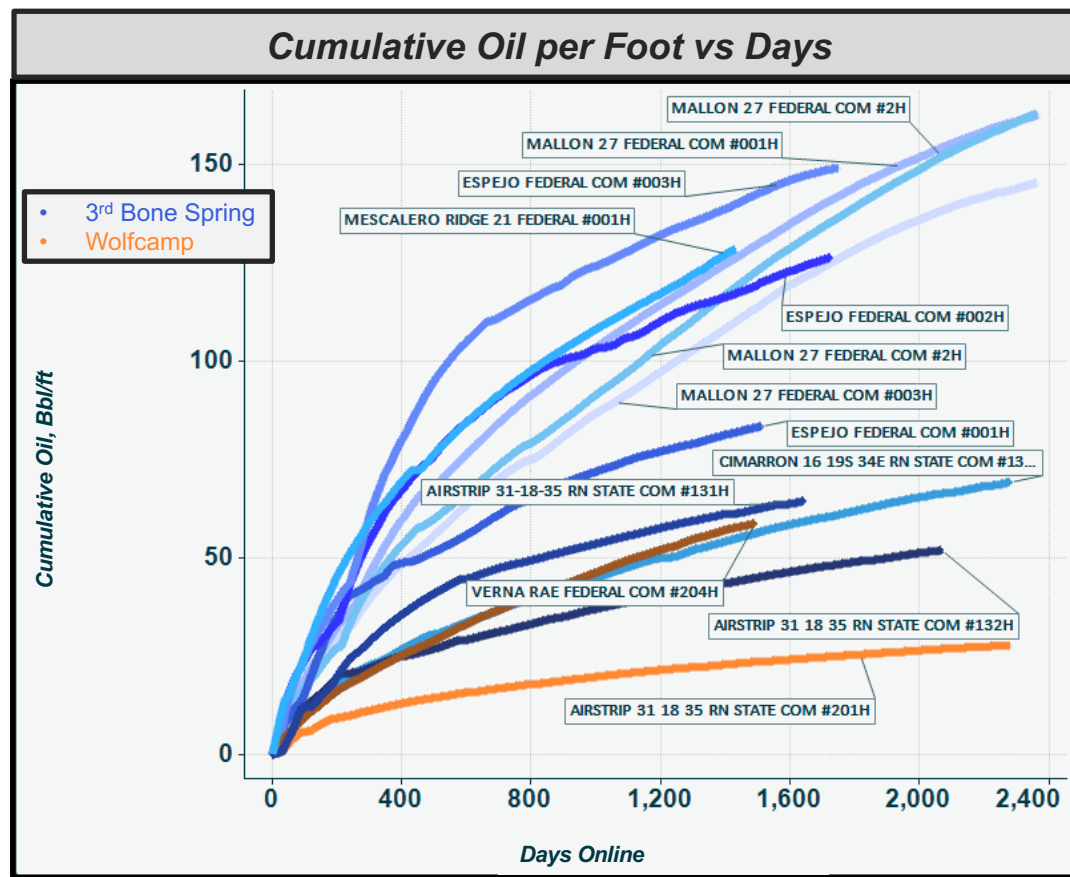
- *Landing in the ideal zone is more impactful to well performance than 5x the frac energy*
- The CTRA Perry 1H (2014) 3rd Sand at 478 #/ft outperforms CTRA Perry 4H (2018) Wolfcamp at 2,478 #/ft in the same section, 1 township south of the Subject Lands
- This demonstrates that the best flow properties and majority of reserves are located within and best accessed from the 3rd Sand

EXHIBIT
C-2

Other Operators Prove 3rd Bone Spring is Superior to Wolfcamp



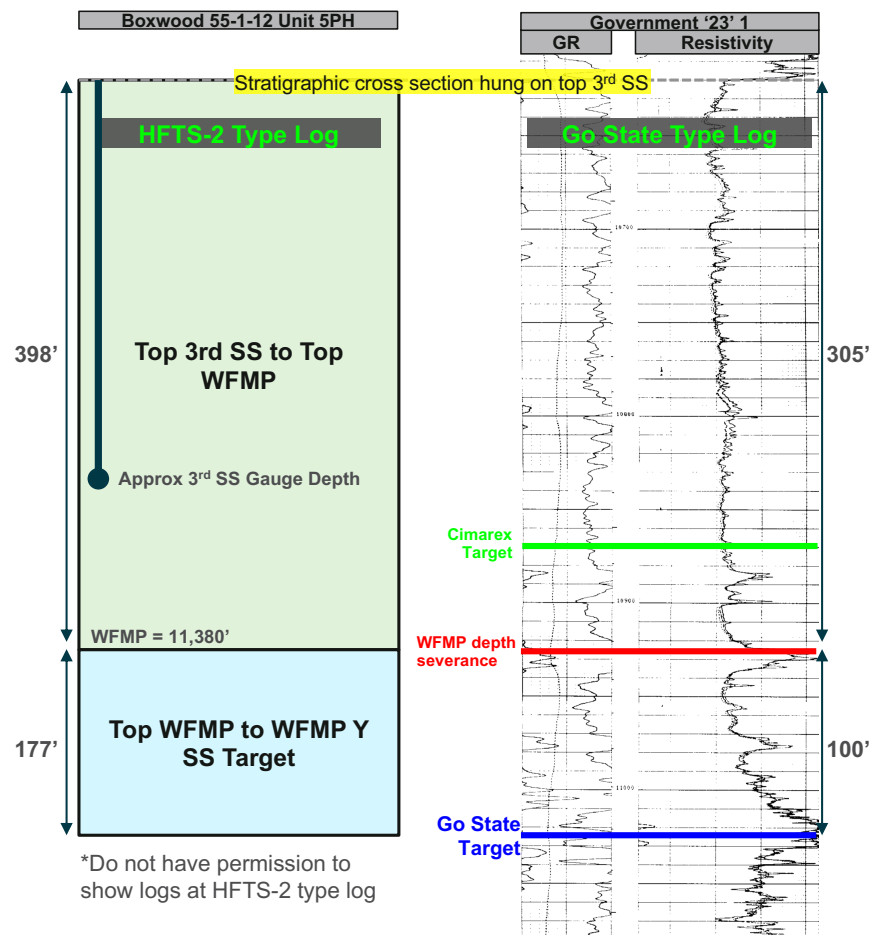
- Wells shown are only frac designs $\geq$ Coterra's plan:
 - ~2,000+ lbs/ft of proppant and ~40 bbl/ft fluid
- Coterra operates one of the most productive wells in the area, the Mescalero Ridge 21 Fed Com 1H
- 3rd Bone Spring strongly outperforms Wolfcamp near the Subject Lands with similar completion
- Although they have been producing for 1 year and 9 months, Pride's Go State wells cannot be evaluated because no C-115 production is shown on the OCD



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EXHIBIT
C-3

Public HFTS-2 Study, Delaware Basin



HFTS-2 Stands for Hydraulic Fracturing Test Site 2, where drawdown of the 3rd Bone Spring from the Wolfcamp was tested in North Loving County, TX

HFTS-2 Observations:

- Hydraulic fractures from the Wolfcamp grow primarily up (URTeC: 3723620, page 9)
- Pressure gauges in the 3rd Bone Spring Sand observed a drawdown of ~4,000 PSI after 1 year from the Wolfcamp wells below (URTeC: 3723620, page 11)

Application of HFTS-2:

- The Wolfcamp Y Sand target at HFTS-2 is 177' below the 3rd Bone Spring Sand, while the Go State Wolfcamp Y Sand target is 100' below the 3rd Bone Spring Sand, suggesting that similar-to-greater depletion will occur from Wolfcamp to 3rd Bone Spring
- It has been shown that the 3rd Sand is the proven optimum landing zone, containing the majority of reserves and best flow properties near the Subject Lands
- Pride chose to develop 3rd Bone Spring immediately adjacent to the Subject Lands (Go State 305H and 306H)
- Pride's Go State 401H will violate Coterra's correlative rights by depleting the 3rd Bone Spring from the Wolfcamp below

Proposed Plan to Protect Correlative Rights



Pride's Current Plan

- Landing in the very top of Wolfcamp sands depletes 3rd Bone Spring Sand (URTeC: 3723620, page 11)
- Pride will produce and sell large amounts of reserves from the 3rd Sand, violating CTRA's correlative rights

Coterra's Plan to Protect Correlative Rights

- Coterra will exercise the right to develop 3rd Bone Spring
- Pride recommended to execute the following:
 - A. Test Wolfcamp landing zone under their existing 3rd Bone Spring wells to understand economic viability of Wolfcamp in the presence of 3rd Sand wells
 - B. Pride to decrease landing zone by at least 200' to increase protection of CTRA's minerals in the 3rd Bone Spring

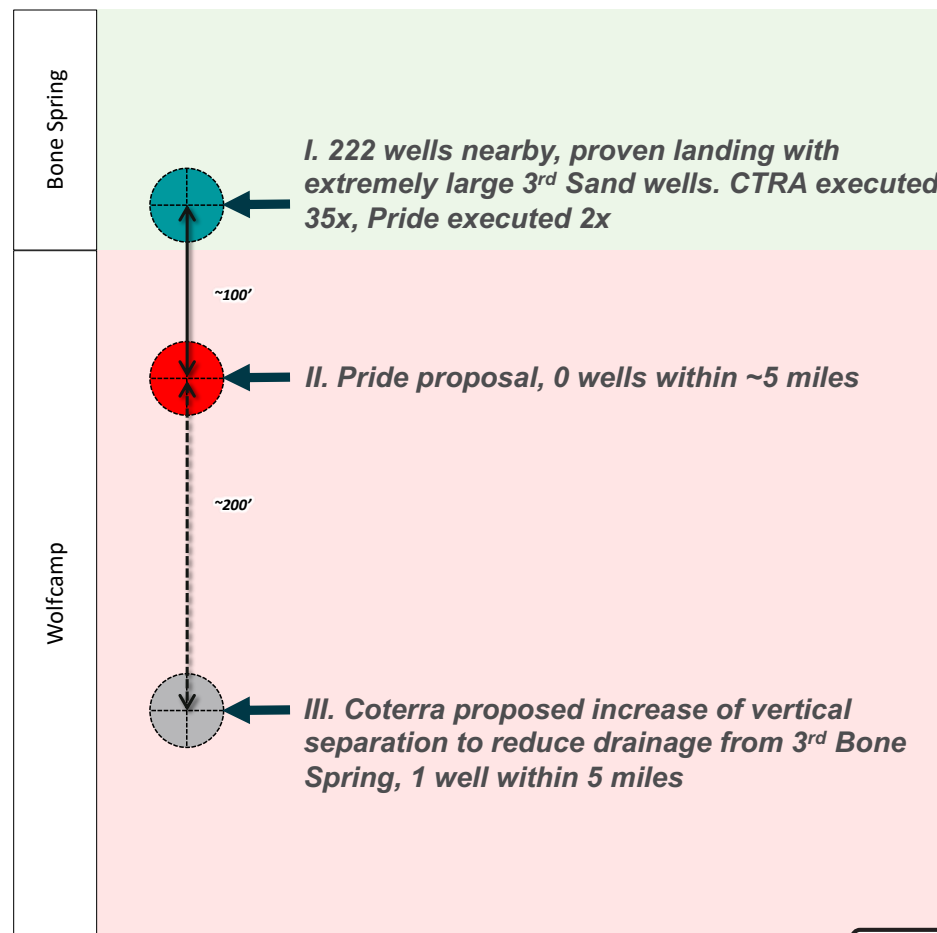


Exhibit C6 3rd SS WC API List

Exhibit C6 API list			
UWI (APINum)	Well Label	Operator	Formation
30025024240100	LEA UNIT 4H	LEGACY RESERVES OPERATING LP	3rd SS
30025328180000	MALLON `34` FEDERAL 16	CIMAREX ENERGY CO	3rd SS
30025393820100	MALLON 35 FEDERAL 4H	CIMAREX ENERGY CO	3rd SS
30025395550000	TUSK FEDERAL 2H	COG OPERATING LLC	3rd SS
30025397630100	MALLON 34 FEDERAL 18H	CIMAREX ENERGY CO	3rd SS
30025398940100	MALLON 34 FEDERAL 19	CIMAREX ENERGY CO	3rd SS
30025400350000	AIRCOBRA 12 STATE 002H	COG OPERATING LLC	3rd SS
30025400400000	QUAIL RIDGE 32 STATE 3H	CIMAREX ENERGY CO	3rd SS
30025400860000	MALLON 35 FEDERAL 7H	CIMAREX ENERGY CO	3rd SS
30025401150000	LYNCH 23 FEDERAL 1H	CIMAREX ENERGY CO	3rd SS
30025401230000	LYNCH 23 FEDERAL 2H	CIMAREX ENERGY CO	3rd SS
30025401350000	MALLON 34 FEDERAL 20	CIMAREX ENERGY CO	3rd SS
30025402530100	CHAPARRAL 33 FEDERAL 3H	CIMAREX ENERGY CO	3rd SS
30025403270000	HANSON 26 FEDERAL 1H	CIMAREX ENERGY CO	3rd SS
30025403280000	CHAPARRAL 33 FEDERAL COM 4	CIMAREX ENERGY CO	3rd SS
30025403300000	EAGLE `2` STATE 006H	MATADOR PRODUCTION CO	3rd SS
30025403610000	QUAIL `16` STATE COM 003H	FASKEN OIL & RANCH LTD	3rd SS
30025403880100	KING COBRA 2 STATE 1H	COG OPERATING LLC	3rd SS
30025403970000	AIRSTRIP 6 STATE COM 2H	COG OPERATING LLC	3rd SS
30025404040000	WILD COBRA 1 STATE 2H	COG OPERATING LLC	3rd SS
30025404050100	PLAYA 2 STATE 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025404250000	WEST PEARL 36 STATE 002H	COG OPERATING LLC	3rd SS
30025404300000	TIGER `11` FEDERAL 1H	COG OPERATING LLC	3rd SS
30025405310000	QUAIL `16` STATE 004H	FASKEN OIL & RANCH LTD	3rd SS
30025405490000	PLAYA 2 STATE 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406040100	IGLOO 19 STATE 2H	CAZA OPERATING LLC	3rd SS
30025406110000	IRONHOUSE 20 STATE 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406340000	BUTTER CUP 35 STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406370000	HANSON 26 FEDERAL 3H	CIMAREX ENERGY CO	3rd SS
30025406400000	BUTTER CUP 36 STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406410000	BUTTER CUP 36 STATE COM 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406420000	BUTTER CUP 35 STATE COM 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406760100	IRONHOUSE 19 STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025406970000	LAGUNA 23 FEDERAL COM 002H	EARTHSTONE OPERATING LLC	3rd SS
30025406980100	LEA UNIT 30H	LEGACY RESERVES OPERATING LP	3rd SS
30025406990100	LEA UNIT 31H	LEGACY RESERVES OPERATING LP	3rd SS
30025407250100	OUTLAW `22` FEDERAL COM 1H	COG OPERATING LLC	3rd SS
30025407270000	MONGOOSE FEE 001H	MATADOR PRODUCTION CO	3rd SS
30025407420000	LAGUNA 23 FEDERAL COM 1H	EARTHSTONE OPERATING LLC	3rd SS
30025407480000	IRONHOUSE 20 STATE COM 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025407500000	LYNCH 35-2H	CIMAREX ENERGY CO	3rd SS
30025407780100	PRICKLY PEAR 6 FEDERAL 4H	COG OPERATING LLC	3rd SS
30025408040000	HANSON 26 FEDERAL 4H	CIMAREX ENERGY CO	3rd SS
30025408140100	CONDOR STATE 001H	COG OPERATING LLC	3rd SS
30025408190000	HANSON 26 FEDERAL 2H	CIMAREX ENERGY CO	3rd SS
30025408250000	LYNCH 35 FEE 1H	CIMAREX ENERGY CO	3rd SS
30025408360000	MERIT 32 DM STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025408410000	QUAIL 11 STATE COM 1H	CIMAREX ENERGY CO	3rd SS
30025408420000	QUAIL 11 STATE COM 2H	CIMAREX ENERGY CO	3rd SS
30025408750000	AIRCOBRA 12 STATE 1H	COG OPERATING LLC	3rd SS

EXHIBIT
C-6

Exhibit C6 3rd SS WC API List

30025408840000	MERIT 6 EH STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025409420000	QUAIL `16` STATE 007H	FASKEN OIL & RANCH LTD	3rd SS
30025409700000	STRATOJET 31 STATE COM 2H	COG OPERATING LLC	3rd SS
30025409770100	TRES PRIMOS 3 STATE 1H	COG OPERATING LLC	3rd SS
30025409840000	MARATHON ROAD 14 NC FEDERAL 1H	MEWBOURNE OIL CO	3rd SS
30025410250000	CONDOR STATE 2H	COG OPERATING LLC	3rd SS
30025410500000	IRONHOUSE 19 STATE COM 003H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025410600000	KING COBRA 2 STATE 2H	COG OPERATING LLC	3rd SS
30025410940000	IRONHOUSE 19 STATE COM 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025411060100	GOOSE STATE 001H	COG OPERATING LLC	3rd SS
30025411100000	WILD COBRA 1 STATE 1H	COG OPERATING LLC	3rd SS
30025411310000	PERLA NEGRA FEDERAL COM 1H	XTO ENERGY INC	3rd SS
30025411410000	QUAIL 11 STATE COM 3H	CIMAREX ENERGY CO	3rd SS
30025411480100	CAPROCK 27 STATE FEDERAL COM 1H	RAYBAW OPERATING LLC	3rd SS
30025411520000	AIRSTRIPE FEE COM 1H	COG OPERATING LLC	3rd SS
30025411630000	IRONHOUSE 24 STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025412010000	GOOSE STATE COM 2H	COG OPERATING LLC	3rd SS
30025412100100	QUAIL 11 STATE COM 4H	CIMAREX ENERGY CO	3rd SS
30025412150000	MARATHON ROAD 14 MD FEDERAL 1H	MEWBOURNE OIL CO	3rd SS
30025412450200	IRONHOUSE `19` STATE COM 004H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025413050100	HAMON A FEDERAL COM 3H	LEGACY RESERVES OPERATING LP	3rd SS
30025413580100	TUSK FEDERAL 4H	COG OPERATING LLC	3rd SS
30025413660000	QUAIL `16` STATE 8H	FASKEN OIL & RANCH LTD	3rd SS
30025413670100	LEA SOUTH 25 FEDERAL COM 5H	EARTHSTONE OPERATING LLC	3rd SS
30025415190100	NIGHTHAWK STATE COM 1H	MARATHON OIL PERMIAN LLC	3rd SS
30025415320000	SCHARB 10 PA STATE 1H	MEWBOURNE OIL CO	3rd SS
30025415440000	ALBATROSS STATE COM 2H	COG OPERATING LLC	3rd SS
30025415620000	TANGO BTP STATE COM 004H	EOG RESOURCES INC	3rd SS
30025415720100	PRICKLY PEAR 6 FEDERAL 2H	COG OPERATING LLC	3rd SS
30025415730000	TUSK FEDERAL 3H	COG OPERATING LLC	3rd SS
30025415740000	TUSK FEDERAL 5H	COG OPERATING LLC	3rd SS
30025415750000	MARATHON ROAD 15 PA FEDERAL 1H	MEWBOURNE OIL CO	3rd SS
30025415950000	IRONHOUSE 24 STATE COM 002H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025416050000	PERRY 22 FEDERAL COM 1H	CIMAREX ENERGY CO	3rd SS
30025416120100	ORIOLE STATE 1H	COG OPERATING LLC	3rd SS
30025416170000	HAMON A FEDERAL COM 4H	LEGACY RESERVES OPERATING LP	3rd SS
30025416290000	PRICKLY PEAR 6 FEDERAL 3H	COG OPERATING LLC	3rd SS
30025416300100	HAMON FEDERAL COM A 2H	LEGACY RESERVES OPERATING LP	3rd SS
30025416440000	LYNCH 35 FED COM 3H	CIMAREX ENERGY CO	3rd SS
30025416950000	IRONHOUSE 24 STATE COM 003H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025416960000	IRONHOUSE 24 STATE COM 004H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025417140000	TOMCAT FEE 1H	COG OPERATING LLC	3rd SS
30025417520000	CUATRO HIJOS FEE 4H	COG OPERATING LLC	3rd SS
30025417750000	SCHARB 10 B3OB STATE 1H	MEWBOURNE OIL CO	3rd SS
30025418080000	MALLON 27 FEDERAL COM 003H	MATADOR PRODUCTION CO	3rd SS
30025418090000	ALBATROSS STATE COM 1H	COG OPERATING LLC	3rd SS
30025418330000	TIGER 11 FEDERAL 2H	COG OPERATING LLC	3rd SS
30025418340000	CORDONIZ 28 FEDERAL COM 4H	CIMAREX ENERGY CO	3rd SS
30025418350000	KINGFISHER STATE COM 1H	COG OPERATING LLC	3rd SS
30025418360000	KINGFISHER STATE COM 2H	COG OPERATING LLC	3rd SS
30025418580000	TEAL 12 STATE 2H	CIMAREX ENERGY CO	3rd SS
30025418610000	PERLA VERDE 31 STATE 2H	XTO ENERGY INC	3rd SS

Exhibit C6 3rd SS WC API List

30025418620000	PERLA VERDE 31 STATE 003H	XTO ENERGY INC	3rd SS
30025418630000	PERLA VERDE 31 STATE 4H	XTO ENERGY INC	3rd SS
30025418790000	CHAPARRAL 33 FEDERAL COM 5H	CIMAREX ENERGY CO	3rd SS
30025418980000	LEA SOUTH 25 FEDERAL COM 6H	EARTHSTONE OPERATING LLC	3rd SS
30025419450000	MARATHON ROAD 15 B3OB FEDERAL 1H	MEWBOURNE OIL CO	3rd SS
30025419470000	PALOMA 21 FEDERAL COM 4H	FASKEN OIL & RANCH LTD	3rd SS
30025419860000	SCHARB 10 B3NC STATE 1H	MEWBOURNE OIL CO	3rd SS
30025419870100	SUPER COBRA STATE COM 1H	COG OPERATING LLC	3rd SS
30025419930000	PALOMA 21 FEDERAL COM 1H	FASKEN OIL & RANCH LTD	3rd SS
30025419940000	PALOMA 21 FEDERAL COM 2H	FASKEN OIL & RANCH LTD	3rd SS
30025419950000	PALOMA 21 FEDERAL COM 3H	FASKEN OIL & RANCH LTD	3rd SS
30025420340000	STRATOSPHERE 36 STATE COM 3H	COG OPERATING LLC	3rd SS
30025420350000	STRATOSPHERE 36 STATE COM 4H	COG OPERATING LLC	3rd SS
30025420360000	STRATOSPHERE 36 STATE COM 5H	COG OPERATING LLC	3rd SS
30025420370000	STRATOSPHERE 36 STATE COM 6H	COG OPERATING LLC	3rd SS
30025420630000	PERLA VERDE 31 STATE 001H	XTO ENERGY INC	3rd SS
30025420800000	NORTH LEA `3` FEDERAL COM 001H	READ & STEVENS INC	3rd SS
30025421290000	TRES PRIMOS 3 STATE 2H	COG OPERATING LLC	3rd SS
30025421410000	PEARL WEST 36 STATE COM 6H	COG OPERATING LLC	3rd SS
30025421450000	WEST PEARL 36 STATE COM 003H	COG OPERATING LLC	3rd SS
30025421460000	PEARL WEST 36 STATE COM 4H	COG OPERATING LLC	3rd SS
30025421470000	WEST PEARL 36 STATE COM 005H	COG OPERATING LLC	3rd SS
30025421730000	RAPTOR WEST 3 STATE 004H	MARATHON OIL PERMIAN LLC	3rd SS
30025422010000	MARATHON ROAD 15 NC FEDERAL 1H	MEWBOURNE OIL CO	3rd SS
30025422120000	MALLON 27 FEDERAL COM 001H	MATADOR PRODUCTION CO	3rd SS
30025422270000	NORTH LEA 3 FEDERAL COM 002H	READ & STEVENS INC	3rd SS
30025422280000	NORTH LEA `3` FEDERAL COM 003H	READ & STEVENS INC	3rd SS
30025422680000	LEA 7 FEDERAL COM 1H	CIMAREX ENERGY CO	3rd SS
30025422760000	CUATRO HIJOS FEE 3H	COG OPERATING LLC	3rd SS
30025422920000	BLACK PEARL 1 FEDERAL COM 1H	COG OPERATING LLC	3rd SS
30025422930000	BLACK PEARL 1 FEDERAL 002H	COG OPERATING LLC	3rd SS
30025422940000	BLACK PEARL 1 FEDERAL 3H	COG OPERATING LLC	3rd SS
30025422950000	BLACK PEARL 1 FEDERAL 4H	COG OPERATING LLC	3rd SS
30025423150000	MALLON 27 FEDERAL COM 2H	MATADOR PRODUCTION CO	3rd SS
30025423380100	BLUE JAY FEDERAL 001H	COG OPERATING LLC	3rd SS
30025423420000	LEA UNIT 32H	LEGACY RESERVES OPERATING LP	3rd SS
30025423430000	LEA UNIT 33H	LEGACY RESERVES OPERATING LP	3rd SS
30025423440000	LEA UNIT 34H	LEGACY RESERVES OPERATING LP	3rd SS
30025423520000	CIMARRON 16-19-34 RN STATE 134H	MATADOR PRODUCTION CO	3rd SS
30025423570100	IGLOO `19` STATE 3H	CAZA OPERATING LLC	3rd SS
30025423670000	BUTTER CUP 36 STATE COM 003H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025423770000	IGGLES STATE COM 001H	COG OPERATING LLC	3rd SS
30025424300000	STRATOJET 31 STATE COM 8H	COG OPERATING LLC	3rd SS
30025424720000	KINGFISHER STATE COM 5H	COG OPERATING LLC	3rd SS
30025424990000	PICKARD 20 18 34 RN STATE 124H	MATADOR PRODUCTION CO	3rd SS
30025425210000	SCHARB 10 B3MD STATE 1H	MEWBOURNE OIL CO	3rd SS
30025425460000	LEA 7 FEDERAL COM 2H (P&A 12/27/	CIMAREX ENERGY CO	3rd SS
30025425770000	PERLA NEGRA FEDERAL COM 4H	XTO ENERGY INC	3rd SS
30025426840000	NORTH LEA `3` FEDERAL COM 004H	READ & STEVENS INC	3rd SS
30025427090000	PERLA NEGRA FEDERAL COM 2H	XTO ENERGY INC	3rd SS
30025427100000	PERLA NEGRA FEDERAL COM 3H	XTO ENERGY INC	3rd SS
30025428850000	LEA UNIT 44H	LEGACY RESERVES OPERATING LP	3rd SS

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30025429490000	LEA UNIT 54H	LEGACY RESERVES OPERATING LP	3rd SS
30025429500000	MAS FEDERAL 3H	COG OPERATING LLC	3rd SS
30025429580000	LEA UNIT 051H	LEGACY RESERVES OPERATING LP	3rd SS
30025429720000	DESERT ROSE 17-8 FEDERAL COM 001	CAZA OPERATING LLC	3rd SS
30025429790000	CIMARRON 16 19S 34E RN STATE COM	MATADOR PRODUCTION CO	3rd SS
30025429880100	EAGLECLAW FEDERAL 001H	CAZA OPERATING LLC	3rd SS
30025430290000	LEA SOUTH 25 FEDERAL COM 3BS 007	EARTHSTONE OPERATING LLC	3rd SS
30025430350000	LEA UNIT 059H	LEGACY RESERVES OPERATING LP	3rd SS
30025430540000	DELLA 29 FEDERAL COM 602H	EOG RESOURCES INC	3rd SS
30025430770000	LEA UNIT 038H	LEGACY RESERVES OPERATING LP	3rd SS
30025432470100	LEA UNIT 062H	LEGACY RESERVES OPERATING LP	3rd SS
30025432500000	HAMON A FED COM 009H	LEGACY RESERVES OPERATING LP	3rd SS
30025434150000	SEVERUS 31 FEDERAL COM 001H	XTO ENERGY INC	3rd SS
30025434160000	SEVERUS 31 FEDERAL COM 002H	XTO ENERGY INC	3rd SS
30025434170000	SEVERUS 31 FEDERAL COM 003H	XTO ENERGY INC	3rd SS
30025434180000	SEVERUS 31 FEDERAL COM 004H	XTO ENERGY INC	3rd SS
30025434680100	CHIEF 30 STATE 7H	CIMAREX ENERGY CO	3rd SS
30025435330000	BLUE JAY FEDERAL COM 002H	COG OPERATING LLC	3rd SS
30025436800000	NORTH LEA 10 FEDERAL 002H	READ & STEVENS INC	3rd SS
30025437410000	ESPEJO FEDERAL COM 001H	XTO ENERGY INC	3rd SS
30025437420000	ESPEJO FEDERAL COM 002H	XTO ENERGY INC	3rd SS
30025437770000	ESPEJO FEDERAL COM 003H	XTO ENERGY INC	3rd SS
30025437920000	STRATOJET 31 STATE COM 007H	COG OPERATING LLC	3rd SS
30025438160100	AIRSTRIIP 31 18 35 RN STATE COM #132H	MATADOR PRODUCTION CO	3rd SS
30025439210100	BLACK & TAN 27 FEDERAL COM 303H	APACHE CORP	3rd SS
30025439400000	BLACK & TAN 27 FEDERAL COM 305H	APACHE CORP	3rd SS
30025440170000	BLACK & TAN 27 FEDERAL COM 301H	APACHE CORP	3rd SS
30025440180000	BLACK & TAN 27 FEDERAL COM 302H	APACHE CORP	3rd SS
30025440440000	BLACK & TAN 27 FEDERAL COM 307H	APACHE CORP	3rd SS
30025440450000	BLACK AND TAN 27 FEDERAL COM 308	APACHE CORP	3rd SS
30025440920000	MAS FEDERAL COM 001H	COG OPERATING LLC	3rd SS
30025442130000	CHIEF 30 STATE 8H	CIMAREX ENERGY CO	3rd SS
30025443230000	AIRSTRIIP 31-18-35 RN STATE COM 1	MATADOR PRODUCTION CO	3rd SS
30025443410000	VERNA RAE FEDERAL COM 133H	MATADOR PRODUCTION CO	3rd SS
30025443420000	VERNA RAE FEDERAL COM 134H	MATADOR PRODUCTION CO	3rd SS
30025444740000	DELLA 29 FEDERAL COM 603H	EOG RESOURCES INC	3rd SS
30025444750000	DELLA 29 FEDERAL 604H	EOG RESOURCES INC	3rd SS
30025444760000	DELLA 29 FEDERAL 605H	EOG RESOURCES INC	3rd SS
30025444770000	DELLA 29 FEDERAL 606H	EOG RESOURCES INC	3rd SS
30025444950000	EAGLECLAW FEDERAL COM 002H	CAZA OPERATING LLC	3rd SS
30025445090000	AIRSTRIIP 31-18-35 RN STATE COM 1	MATADOR PRODUCTION CO	3rd SS
30025449080000	CHIEF 30 STATE 9H	CIMAREX ENERGY CO	3rd SS
30025450540000	MESCALERO RIDGE 21 FEDERAL 1H	CIMAREX ENERGY CO	3rd SS
30025451540000	LEA UNIT 066H	LEGACY RESERVES OPERATING LP	3rd SS
30025451990000	LEA 7 FEDERAL COM 29H	CIMAREX ENERGY CO	3rd SS
30025452000000	LEA 7 FEDERAL COM 30H	CIMAREX ENERGY CO	3rd SS
30025452100000	LEA UNIT 065H	LEGACY RESERVES OPERATING LP	3rd SS
30025454380000	AIRSTRIIP 31-18S-35E RN STATE COM	MATADOR PRODUCTION CO	3rd SS
30025458960000	ANCHOR 19 35 33 STATE 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025461400000	CABLE 19 35 9 STATE COM 001H	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025467680000	HEREFORD 29-20 W1OB FED COM 001H	MEWBOURNE OIL CO	3rd SS
30025468030000	SANTA VACA 19-18 B3MD STATE COM	MEWBOURNE OIL CO	3rd SS

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30025474570000	TALON 5-8 FEDERAL 001H	CAZA OPERATING LLC	3rd SS
30025474830000	HEREFORD 29-20 W1MD STATE COM 00	MEWBOURNE OIL CO	3rd SS
30025474840000	HEREFORD 29-20 W1NC STATE COM 00	MEWBOURNE OIL CO	3rd SS
30025474860000	TALON 5-8 FEDERAL 005H	CAZA OPERATING LLC	3rd SS
30025491550000	SANTA VACA 19 18 B3NC STATE COM	MEWBOURNE OIL CO	3rd SS
30025499040000	CHAROLAIS 28 21 W1MD STATE COM 0	MEWBOURNE OIL CO	3rd SS
30025499350000	HEREFORD 29 20 W1PA STATE COM 00	MEWBOURNE OIL CO	3rd SS
30025501680000	FOXTAIL E2 05 32 W1 STATE COM 00	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025501690000	FOXTAIL E2 05 32 W1 STATE COM 00	FRANKLIN MOUNTAIN ENERGY 3 LLC	3rd SS
30025502420000	SANTA VACA 19-18 B3OB FEE 001H	MEWBOURNE OIL CO	3rd SS
30025503260000	SANTA VACA 19-18 B3PA FEE 001H	MEWBOURNE OIL CO	3rd SS
30025507240000	MESCALERO RIDGE 21-28 FED COM 2H	CIMAREX ENERGY CO	3rd SS
30025416080000	PERRY 22 FEDERAL COM 4H	CIMAREX ENERGY CO	Wolfcamp
30025419500000	NIGHTHAWK STATE COM 003H	MARATHON OIL PERMIAN LLC	Wolfcamp
30025430530000	DELLA 29 FEDERAL COM 701H	EOG RESOURCES INC	Wolfcamp
30025431100000	LEA SOUTH 25 FEDERAL COM WCA 012	EARTHSTONE OPERATING LLC	Wolfcamp
30025433950000	AIRSTRIP 31 18 35 RN STATE COM 2	MATADOR PRODUCTION CO	Wolfcamp
30025434820000	MAS FEDERAL 4H	COG OPERATING LLC	Wolfcamp
30025442140100	MAS FEDERAL COM 002H	COG OPERATING LLC	Wolfcamp
30025444940000	VERNA RAE FEDERAL COM 204H	MATADOR PRODUCTION CO	Wolfcamp
30025450980100	LITTLE BEAR FEDERAL COM 001H	COG OPERATING LLC	Wolfcamp
30025450990000	LITTLE BEAR FEDERAL COM 003H	COG OPERATING LLC	Wolfcamp
30025451000000	LITTLE BEAR FEDERAL COM 004H	COG OPERATING LLC	Wolfcamp
30025451020000	LITTLE BEAR FEDERAL COM 006H	COG OPERATING LLC	Wolfcamp
30025451030000	LITTLE BEAR FEDERAL COM 007H	COG OPERATING LLC	Wolfcamp
30025451040000	LITTLE BEAR FEDERAL COM 008H	COG OPERATING LLC	Wolfcamp
30025451050000	LITTLE BEAR FEDERAL COM 009H	COG OPERATING LLC	Wolfcamp
30025451490000	LITTLE BEAR FEDERAL COM 002H	COG OPERATING LLC	Wolfcamp
30025452110100	LEA UNIT 100H	LEGACY RESERVES OPERATING LP	Wolfcamp
30025460720000	BLACK & TAN 27 FEDERAL COM 401H	APACHE CORP	Wolfcamp
30025460730000	BLACK & TAN 27 FEDERAL COM 402H	APACHE CORP	Wolfcamp
30025460750000	BLACK & TAN 27 FEDERAL COM 406H	APACHE CORP	Wolfcamp
30025461230000	BLACK & TAN 27 FEDERAL COM 403H	APACHE CORP	Wolfcamp
30025461240000	BLACK & TAN 27 FEDERAL COM 405H	APACHE CORP	Wolfcamp

TAB 6

Exhibit D: Self-Affirmed Statement of Notice, Darin C. Savage

- Exhibit D-1: Notice Letters
- Exhibit D-2: Mailing List
- Exhibit D-3: Affidavits of Publication



**APPLICATION OF CIMAREX ENERGY CO.
FOR A HORIZONTAL SPACING UNIT AND
COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

SELF-AFFIRMED STATEMENT OF NOTICE

I, Darin C. Savage, attorney and authorized representative of Cimarex Energy Co. (“Cimarex”), the Applicant herein, being first duly sworn, upon oath, states the following:

2. Notice was sent to the Hobbs News-Sun, a newspaper of general circulation in Lea County, New Mexico, and timely published in said newspaper on January 12, 2023. See Exhibit D-3.

**EXHIBIT
D**

Signature page of Self-Affirmed Statement of Darin C. Savage:

I understand that this Self-Affirmed Statement will be used as written testimony before the Division in Case No. 23295 and affirm that my testimony herein is true and correct, to the best of my knowledge and belief and made under penalty of perjury under the laws of the State of New Mexico.



Darin Savage

7-13-2023

Date Signed

Received by OCD: 7/13/2023 4:57:51 PM

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For the Pursuit of Energy

ABADIE | SCHILL PC

Colorado	New Mexico
Louisiana	Texas
Nebraska	Kansas
Montana	Wyoming
Oklahoma	California
	North Dakota

January 11, 2023

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Cimarex Energy Co. ("Cimarex") for a horizontal spacing unit and compulsory pooling, Lea County, New Mexico
Showbiz 13-12 State Com 101H Well (Case No. 23295)
Showbiz 13-12 State Com 201H Well (Case No. 23295)
Showbiz 13-12 State Com 301H Well (Case No. 23295)

Case Nos. 23295:

Dear Interest Owners:

This letter is to advise you that Application of Cimarex Energy Co. ("Cimarex") has filed the enclosed application, Case No. 23295, with the New Mexico Oil Conservation Division ("Division") for the compulsory pooling of units in the Bone Spring formation.

In Case No. 23295, Cimarex seeks to pool the Bone Spring formation underlying the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, a standard unit encompassing 320 acres, more or less, dedicated to the above-referenced Showbiz 13-12 State Com 101H Well, Showbiz 13-12 State Com 201H Well and Showbiz 13-12 State Com 301H Well.

A hearing has been requested before a Division Examiner on February 16, 2023, and the status of the hearing can be monitored through the Division's website. Division hearings will commence at 8:15 a.m., traditionally in Porter Hall at the Oil Conservation Division's Santa Fe Offices located at 1220 South Saint Francis Drive, Santa Fe, New Mexico 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441.

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O : 970.385.4401 • F : 970.385.4901

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**EXHIBIT
D-1**

You are being notified as an interest owner (subject to title examination) and are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Parties appearing in cases are required by Division Rule 19.15.4.13.B NMAC to file a Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact John Coffman at (432) 571-7883 or at john.coffman@coterra.com.

Sincerely,

A handwritten signature in black ink, appearing to read 'Darin C. Savage', written over a horizontal line.

Darin C. Savage

Attorney for Cimarex Energy Co.

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Mail Activity Report - CertifiedPro.net Mailed from 1/1/2023 to 1/31/2023 User Name: abadieschill Generated: 3/31/2023 3:23:53 PM											
USPS Article Number	Date Mailed	Ownership	Name 1	Name 2	Address 1	Address 2	City	State	Zip	Mailing Status	Service Options
9314869904300103113762	1/11/2023	RT	Chevron USA, Inc.		1111 Bagby St.		Houston	TX	77002	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113779	1/11/2023	RT/WI	COG Operating, LLC	Concho Oil & Gas, LLC	550 W. Texas Ave.	Suite 100	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113786	1/11/2023	WI	Hanley Petroleum, Inc.		415 W. Wall St.	Suite 1500	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113793	1/11/2023	WI	Prospector, LLC		1801 West 2nd		Roswell	NM	88201	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113809	1/11/2023	WI	Marathon Oil	Permian, LLC	555 San Felipe St.		Houston	TX	77056	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113816	1/11/2023	WI	Crump Family Partnership, Ltd.		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113823	1/11/2023	WI	Buckhorn Energy, LLC		407 N. Big Spring St	Suite 240	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113830	1/11/2023	WI	LHAH Properties, LLC		415 W. Wall St.	Suite 1500	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113847	1/11/2023	WI	Warren Ventures, Ltd.		808 W. Wall St.		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113854	1/11/2023	WI	Featherstone Development Corp.		1801 W. 2nd		Roswell	NM	88021	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113861	1/11/2023	WI	Concho Oil & Gas, LLC		550 W. Texas Ave.	Suite 100	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113878	1/11/2023	WI/ORRI	CD Ray Exploration, LLC		P.O. Box 51608		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113885	1/11/2023	WI	Big Three Energy Group, LLC		1801 W. 2nd		Roswell	NM	88021	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113892	1/11/2023	WI	Parrot Head Properties, LLC		1801 W. 2nd		Roswell	NM	88021	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113908	1/11/2023	WI	H6 Holdings, LLC		P.O. Box 1212		Midland	TX	79702	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113915	1/11/2023	WI	Sharktooth Resources, Ltd.		407 N. Big Spring St.	Suite 240	Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113922	1/11/2023	WI	Tarpon Industries		P.O. Box 50820		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113939	1/11/2023	WI	TBO Oil & Gas, LLC		4505 Mockingbird Lane		Midland	TX	79701	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113946	1/11/2023	ORRI	Crown Oil Partners, LP		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113953	1/11/2023	ORRI	Good News Minerals, LLC		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113960	1/11/2023	ORRI	Post Oak Crown IV, LLC		5200 San Felipe		Houston	TX	77056	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113977	1/11/2023	ORRI	Post Oak Crown IV-B, LLC		5200 San Felipe		Houston	TX	77056	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103113984	1/11/2023	ORRI	Collins & Jones Investments, LLC		508 W. Wall St.	Suite 1200	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103113991	1/11/2023	ORRI	LMC Energy, LLC		550 W. Texas Ave.	Suite 945	Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114004	1/11/2023	ORRI	H. Jason Wacker		5601 Hilcrest		Midland	TX	79707	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103114011	1/11/2023	ORRI	David W. Cromwell		2008 Country Club Dr.		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114028	1/11/2023	ORRI	Kaleb Smith		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114035	1/11/2023	ORRI	Deane Durham		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114042	1/11/2023	ORRI	Mike Moylett		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114059	1/11/2023	ORRI	Post Oak Crown Minerals, LLC		34 S. Wyden Dr.	Ste. 210	Houston	TX	77056	Mailed	Return Receipt - Electronic, Certified Mail
9314869904300103114066	1/11/2023	ORRI	Sortida Resources, LLC		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114073	1/11/2023	ORRI	Oak Valley Mineral and Land, LP		P.O. Box 50820		Midland	TX	79710	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114080	1/11/2023	ORRI	Mongoose Minerals, LLC	OBO Land	600 W. Illinois Avenue		Midland	TX	79701	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114097	1/11/2023	RT/WI	Pride Energy Company		4641 East 91st St.		Tulsa	OK	74137	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114103	1/11/2023	RT/WI	ZPZ Delaware I, LLC		2000 Poast Oak Blvd.	Suite 100	Houston	TX	77056	Delivered	Return Receipt - Electronic, Certified Mail
9314869904300103114110	1/11/2023	RI	State of New Mexico		914 N Linam Street		Hobbs	NM	88240	Delivered	Return Receipt - Electronic, Certified Mail

EXHIBIT
D-2

Released to Imaging: 7/13/2023 4:58:32 PM

Received by OCD: 7/13/2023 4:57:51 PM

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January 23, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1141 10.

Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	January 20, 2023, 01:34 p.m.
Location:	HOBBS, NM 88240
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	State of New Mexico

Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	914 N LINAM ST
City, State ZIP Code:	HOBBS, NM 88240-5126

Recipient Signature

Signature of Recipient:

Address of Recipient:

914 N LINAM ST
HOBBS, NM 88240-5126

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 99 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1141 03.

Item Details

Status:	Delivered, Left with Individual
Status Date / Time:	January 17, 2023, 01:08 p.m.
Location:	HOUSTON, TX 77056
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	ZPZ Delaware I LLC

Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	2000 POST OAK BLVD STE 100
City, State ZIP Code:	HOUSTON, TX 77056-4497

Recipient Signature

Signature of Recipient:

Address of Recipient:

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Received by OCD: 7/13/2023 4:57:51 PM

Page 100 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 97.

Item Details

Status: Delivered, Front Desk/Reception/Mail Room
Status Date / Time: January 17, 2023, 01:20 p.m.
Location: TULSA, OK 74137
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic
Recipient Name: Pride Energy Company

Shipment Details

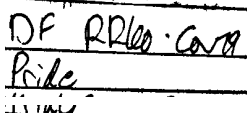
Weight: 2.0oz

Destination Delivery Address

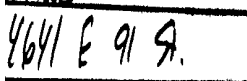
Street Address: 4641 E 91ST ST
City, State ZIP Code: TULSA, OK 74137-2852

Recipient Signature

Signature of Recipient:



Address of Recipient:



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Received by OCD: 7/13/2023 4:57:51 PM

Page 101 of 120



January 19, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 80.

Item Details

Status:	Delivered, Individual Picked Up at Postal Facility
Status Date / Time:	January 18, 2023, 07:30 a.m.
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Mongoose Minerals LLC OBO Land

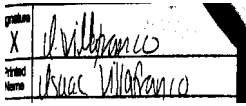
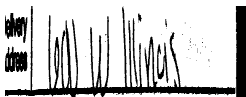
Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	600 W ILLINOIS AVE
City, State ZIP Code:	MIDLAND, TX 79701-4882

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Received by OCD: 7/13/2023 4:57:51 PM

Page 102 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 73.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Oak Valley Mineral and Land LP

Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:

Address of Recipient:

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Page 103 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 66.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:49 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Sortida Resources LLC

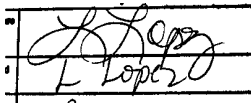
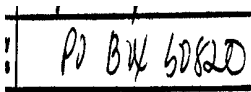
Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Received by OCD: 7/13/2023 4:57:51 PM

Page 104 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 42.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Mike Moylett

Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:

Address of Recipient:

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Received by OCD: 7/13/2023 4:57:51 PM

Page 105 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 35.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Deane Durham

Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:

Address of Recipient:

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January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 28.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Kaleb Smith

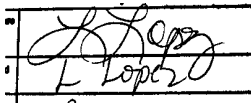
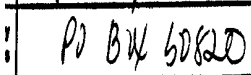
Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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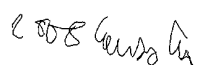


January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1140 11.

Item Details	
Status:	Delivered, Left with Individual
Status Date / Time:	January 17, 2023, 10:42 a.m.
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	David W Cromwell
Shipment Details	
Weight:	2.0oz
Destination Delivery Address	
Street Address:	2008 COUNTRY CLUB DR
City, State ZIP Code:	MIDLAND, TX 79701-5719
Recipient Signature	

Signature of Recipient:	
Address of Recipient:	

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February 3, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 91.

Item Details

Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	February 2, 2023, 03:53 p.m.
Location:	DURANGO, CO 81301
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	LMC Energy LLC

Shipment Details

Weight:	2.0oz
----------------	-------

Recipient Signature

Signature of Recipient:


S. Brothers

Address of Recipient:

RTS

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Released to Imaging: 8/18/2025 11:00:30 AM

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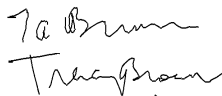
Page 109 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 84.

Item Details	
Status:	Delivered, Left with Individual
Status Date / Time:	January 17, 2023, 03:53 p.m.
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Collins Jones Investments LLC
Shipment Details	
Weight:	2.0oz
Destination Delivery Address	
Street Address:	508 W WALL ST STE 1200
City, State ZIP Code:	MIDLAND, TX 79701-5076
Recipient Signature	
Signature of Recipient:	
Address of Recipient:	

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Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 110 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 53.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Good News Minerals LLC

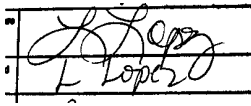
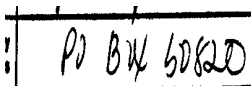
Shipment Details

Weight:	2.0oz
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Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 111 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 46.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Crown Oil Partners LP

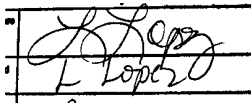
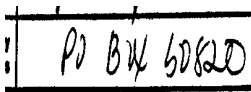
Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

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Received by OCD: 7/13/2023 4:57:51 PM

Page 112 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 22.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Tarpon Industries

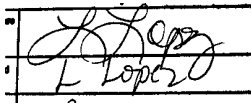
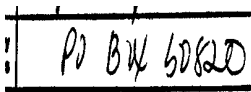
Shipment Details

Weight:	2.0oz
----------------	-------

Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Sincerely,
United States Postal Service®
475 L'Enfant Plaza SW
Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 113 of 120



January 20, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1139 08.

Item Details

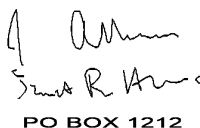
Status:	Delivered, Individual Picked Up at Post Office
Status Date / Time:	January 19, 2023, 01:35 p.m.
Location:	MIDLAND, TX 79701
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	H6 Holdings LLC

Shipment Details

Weight:	2.0oz
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Recipient Signature

Signature of Recipient:



Address of Recipient:

PO BOX 1212
MIDLAND, TX 79702-1212

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Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 114 of 120



February 3, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1138 85.

Item Details

Status:	Delivered, To Original Sender
Status Date / Time:	February 2, 2023, 03:53 p.m.
Location:	DURANGO, CO 81301
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Big Three Energy Group LLC

Shipment Details

Weight:	2.0oz
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Recipient Signature

Signature of Recipient:


S. Brothers

Address of Recipient:

RTS

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1138 78.

Item Details

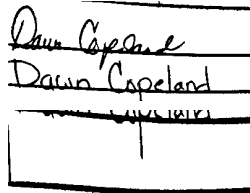
Status:	Delivered, Left with Individual
Status Date / Time:	January 17, 2023, 02:16 p.m.
Location:	MIDLAND, TX 79705
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	CD Ray Exploration LLC

Shipment Details

Weight:	2.0oz
----------------	-------

Recipient Signature

Signature of Recipient:


Dawn Copeland

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Received by OCD: 7/13/2023 4:57:51 PM

Page 116 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1138 47.

Item Details

Status: Delivered, Left with Individual
Status Date / Time: January 17, 2023, 11:11 a.m.
Location: MIDLAND, TX 79701
Postal Product: First-Class Mail®
Extra Services: Certified Mail™
Return Receipt Electronic
Recipient Name: Warren Ventures Ltd

Shipment Details

Weight: 2.0oz

Destination Delivery Address

Street Address: 808 W WALL ST
City, State ZIP Code: MIDLAND, TX 79701-6634

Recipient Signature

Signature of Recipient:

SS Edge
SS Edge

Address of Recipient:

808 W
Wall

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 117 of 120



January 18, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1138 16.

Item Details

Status:	Delivered, Front Desk/Reception/Mail Room
Status Date / Time:	January 17, 2023, 10:50 a.m.
Location:	MIDLAND, TX 79710
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Crump Family Partnership Ltd

Shipment Details

Weight:	2.0oz
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Destination Delivery Address

Street Address:	PO BOX 50820
City, State ZIP Code:	MIDLAND, TX 79710-0820

Recipient Signature

Signature of Recipient:

Address of Recipient:

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

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Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM

Received by OCD: 7/13/2023 4:57:51 PM

Page 118 of 120



February 3, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1137 93.

Item Details

Status:	Delivered, To Original Sender
Status Date / Time:	February 2, 2023, 03:53 p.m.
Location:	DURANGO, CO 81301
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Prospector LLC

Shipment Details

Weight:	2.0oz
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Recipient Signature

Signature of Recipient:


S. Brothers

Address of Recipient:

RTS

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

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Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Released to Imaging: 7/13/2023 4:58:32 PM

Released to Imaging: 8/18/2025 11:00:30 AM



January 30, 2023

Dear WALZ GROUP:

The following is in response to your request for proof of delivery on your item with the tracking number:
9314 8699 0430 0103 1137 62.

Item Details

Status:	Delivered, Individual Picked Up at Postal Facility
Status Date / Time:	January 27, 2023, 04:26 p.m.
Location:	HOUSTON, TX 77002
Postal Product:	First-Class Mail®
Extra Services:	Certified Mail™ Return Receipt Electronic
Recipient Name:	Chevron USA Inc

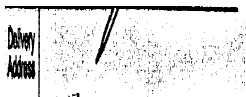
Shipment Details

Weight:	2.0oz
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Destination Delivery Address

Street Address:	1111 BAGBY ST STE 1300
City, State ZIP Code:	HOUSTON, TX 77002-2554

Recipient Signature

Signature of Recipient:	
Address of Recipient:	

Note: Scanned image may reflect a different destination address due to Intended Recipient's delivery instructions on file.

Thank you for selecting the United States Postal Service® for your mailing needs. If you require additional assistance, please contact your local Post Office™ or a Postal representative at 1-800-222-1811.

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Washington, D.C. 20260-0004

Information in this section provided by Covius Document Services, LLC.

Reference Number: 4207.16

Affidavit of Publication

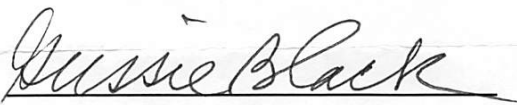
STATE OF NEW MEXICO
COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

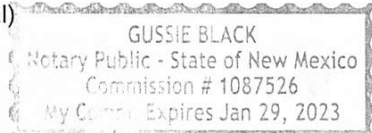
Beginning with the issue dated
January 12, 2023
and ending with the issue dated
January 12, 2023.


Publisher

Sworn and subscribed to before me this
12th day of January 2023.


Business Manager

My commission expires
January 29, 2023
(Seal)



This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE January 12, 2023

CASE No. 23295: Notice to all affected parties and persons having any right, title, interest or claim to this case, including owners of working interest, overriding royalty interest, and record title, among others, as well as the known and unknown heirs, devisees, assigns and successors of COG OPERATING, LLC / CONCHO OIL & GAS, LLC, CHEVRON USA, INC., HANLEY PETROLEUM, INC., PROSPECTOR, LLC, MARATHON OIL, PERMIAN, LLC, CRUMP FAMILY PARTNERSHIP, LTD., BUCKHORN ENERGY, LLC, LHAH PROPERTIES, LLC, WARREN VENTURES, LTD., FEATHERSTONE DEVELOPMENT CORP., CD RAY EXPLORATION, LLC, BIG THREE ENERGY GROUP, LLC, PARROT HEAD PROPERTIES, LLC, H6 HOLDINGS, LLC, SHARKTOOTH RESOURCES, LTD., TARPON INDUSTRIES, TBO OIL & GAS, LLC, CROWN OIL PARTNERS, LP, GOOD NEWS MINERALS, LLC, POST OAK CROWN IV, LLC, POST OAK CROWN IV-B, LLC, COLLINS & JONES INVESTMENTS, LLC, LMC ENERGY, LLC, H. JASON WACKER, DAVID W. CROMWELL, KALEB SMITH, DEANE DURHAM, MIKE MOYLETT, POST OAK CROWN MINERALS, LLC, SORTIDA RESOURCES, LLC, OAK VALLEY MINERAL AND LAND, LP, MONGOOSE MINERALS, LLC, PRIDE ENERGY COMPANY, ZPZ DELAWARE I, LLC, of Cimarex Energy Co.'s application for approval of a spacing unit and compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Oil Conservation Division, hereby gives notice that the Division Examiner will conduct a public hearing at 8:15 a.m. on February 16, 2023, traditionally held at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under current Division policies, the hearing will be conducted remotely online. For information about remote access and the status of the case, you can visit the Division's website at: <https://www.emnrd.nm.gov/ocd/hearing-info/> or call (505) 476-3441. The hearing date was set by Amended Pre-hearing Order in Case Nos. 23295 and 22853. Cimarex Energy Co., whose operational office is at 600 N. Marienfeld St. Suite 600, Midland, Texas, 79701 (HQ at 1700 Lincoln St. Suite 3700, Denver, Colorado 80203), seeks an order from the Division: (1) establishing a standard 320-acre, more or less, spacing and proration unit comprised of the W/2 W/2 of Sections 12 and 13, Township 19 South, Range 34 East, NMPM, Lea County, New Mexico, and (2) pooling all uncommitted mineral interests in the Bone Spring formation, designated as an oil pool, underlying the unit. Said horizontal spacing unit is to be dedicated to the **Showbiz 13-12 State Com 101H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; the **Showbiz 13-12 State Com 201H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12; and the **Showbiz 13-12 State Com 301H Well**, an oil well, to be horizontally drilled from a surface location in the SW/4 SW/4 (Unit M) of Section 13 to a bottom hole location in the NW/4 NW/4 (Unit D) of Section 12. The wells will be orthodox, and the take points and completed intervals will comply with the setback requirements under statewide Rules. Also to be considered will be the cost of drilling and completing the wells and the allocation of the costs thereof; actual operating costs and charges for supervision; the designation of the Applicant as Operator of the wells and unit; and a 200% charge for the risk involved in drilling and completing the wells. The wells and lands are located approximately 15.5 miles north-northeast of Halfway, New Mexico.
#00274804

67115820

00274804

KAIYA TOOP
ABADIE SCHILL
555 RIVERGATE LANE 84-180
DURANGO, CO 81301

EXHIBIT
D-3