### BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING JULY 21, 2022

# APPLICATION OF CIMAREX ENERGY CO. FOR HORIZONTAL SPACING UNIT AND COMPULSORY POOLING, EDDY COUNTY, NEW MEXICO

### Case No. 22894:

Riverbend 12-13 Federal Com 1H Well Riverbend 12-13 Federal Com 2H Well Riverbend 12-13 Federal Com 19H Well Riverbend 12-13 Federal Com 20H Well

Cimarex Energy Co.

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**Application Case No. 22894:** 

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NMOCD Checklist Case No. 22894

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### **TAB 1**

Case No. 22894

Reference for Case No. 22894 Application Case No. 22894:

Riverbend 12-13 Federal Com 1H Well Riverbend 12-13 Federal Com 2H Well Riverbend 12-13 Federal Com 19H Well Riverbend 12-13 Federal Com 20H Well NMOCD Checklist Case No. 22894 Received by OCD: 6/7/2022 11:24:15 AM

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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, EDDY COUNTY, NEW MEXICO

Case No. 22894

### **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, seeking an order (1) establishing a standard 640-acre, more or less, spacing and proration unit comprised of the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted mineral interests in the Wolfcamp formation, designated as a gas 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. Cimarex proposes and dedicates to the HSU the Riverbend 12-13 Federal Com 1H Well, Riverbend 12-13 Federal Com 2H Well, Riverbend 12-13 Federal Com 19H Well, and Riverbend 12-13 Federal Com 20H Well, as initial wells, to be drilled to a depth sufficient to test the Wolfcamp formation.
- 3. Cimarex proposes the **Riverbend 12-13 Federal Com 1H Well**, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13.

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- 4. Cimarex proposes the **Riverbend 12-13 Federal Com 2H Well**, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13.
- 5. Cimarex proposes the **Riverbend 12-13 Federal Com 19H Well**, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13.
- 6. Cimarex proposes the **Riverbend 12-13 Federal Com 20H Well**, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13.
- 7. The proposed wells, which will be located in the Purple Sage; Wolfcamp Pool (Code 98220), are unorthodox in their locations, as the take points, at 100' from the boundaries of the HSU extend into the setback requirements of the Special Rules for the Purple Sage Wolfcamp Pool (Order No. R-14262). Accordingly, Cimarex will apply administratively for approval of nonstandard locations (NSLs).
- 8. 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 development within the proposed HSU.
- 9. The pooling of all interests in the Wolfcamp formation within the proposed HSU, and establishing 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, 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 hearing on July 7, 2022, before an Examiner of the Oil Conservation Division, and after notice and hearing as required by law, the Division enter an order:

- A. Establishing a standard 640-acre, more or less, spacing and proration unit comprised of the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico;
- B. Pooling all uncommitted mineral interests in the Wolfcamp formation underlying the proposed HSU;
- C. Approving the Riverbend 12-13 Federal Com 1H Well, Riverbend 12-13 Federal Com 2H Well, Riverbend 12-13 Federal Com 19H Well, and Riverbend 12-13 Federal Com 20H Well as the well for the HSU.
- 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

/s/ Darin C. Savage

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Application of Cimarex Energy Co. for a Horizontal Spacing Unit and Compulsory Pooling, Eddy County, New Mexico. Applicant in the above-styled cause seeks an order from the Division: (1) establishing a standard 640-acre, more or less, spacing and proration unit comprised of the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted mineral interests in the Wolfcamp formation, designated as a gas pool, underlying said unit. The proposed gas wells to be dedicated to the horizontal spacing unit are the Riverbend 12-13 Federal Com 1H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13; the Riverbend 12-13 Federal Com 2H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13; the Riverbend 12-13 Federal Com 19H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13; the Riverbend 12-13 Federal Com 20H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13. The wells will be unorthodox, as the take points will extend into the setback requirements under Special Rules for the Purple Sage Wolfcamp pool (Order No. R-14262); Applicant will apply administratively for approval of the nonstandard locations; 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 10 miles north of the New Mexico state line and approximately 66 miles southwest of Hobbs, New Mexico.

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ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS										
Case: 22894	APPLICANT'S RESPONSE									
Date	July 19, 2022									
Applicant	Cimarex Energy Co.									
Designated Operator & OGRID (affiliation if applicable)	215099									
Applicant's Counsel:	Darin C. Savage - Abadie & Schill, PC									
Case Title:	Application of Cimarex Energy Co. for a Horizontal Spacing Unit and Compulsory Pooling, Eddy County, New Mexico									
Entries of Appearance/Intervenors:	None									
Well Family	Riverbend									
Formation/Pool										
Formation Name(s) or Vertical Extent:	Wolfcamp									
Primary Product (Oil or Gas):	Gas									
Pooling this vertical extent:	Exhibit B-2; 1H TVD approx.9,530'; 2H TVD approx. 9,789'; 19H TVD approx. 9,778'; 20H TVD approx. 9,714'.									
Pool Name and Pool Code:	Purple Sage; Wolfcamp Pool [Code: 98220]									
Well Location Setback Rules:	Special Rules for the Purple Sage (Order No. R-14262)									
Spacing Unit Size:	640 acres, more or less									
Spacing Unit										
Type (Horizontal/Vertical)	Horizontal									
Size (Acres)	640 acres, more or less									
Building Blocks:	320 acre base, quarter section building blocks (Purple Sage Special Rules Order R-14262)									
Orientation:	north - south									
Description: TRS/County	E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico									
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes									
Other Situations										
Depth Severance: Y/N. If yes, description	No									
Proximity Tracts: If yes, description	No									
Proximity Defining Well: if yes, description	No									
Applicant's Ownership in Each Tract	See Landman Exhibit A-2									
Well(s)										
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)										
Well #1	Riverbend 12-13 Federal Com 1H Well (API No. 30-015-pending), SHL: Unit N, 1207' FSL, 2482' FWL, Section 1, T25S-R28E, NMPM; BHL: Unit P, 100' FSL, 330' FEL, Section 13, T25S-R28E, standup, nonstandard location									

Horizontal Well First and Last Take Points	Riverbend 12-13 Federal Com 1H Well: FTP 100' FNL,
Tionzonia Weil i ii scana zasci ake i olilio	1431' FEL, Section 12; LTP 100' FSL, 330' FEL, Section 13
Completion Target (Formation, TVD and MD)	Riverbend 12-13 Federal Com 1H Well: TVD approx.
	9,530', TMD 19,530'; Wolfcamp Formation, See Exhibit B-
	2
Well #2	Riverbend 12-13 Federal Com 2H Well (API No. 30-015-
	pending), SHL: Unit N, 1207' FSL, 2462' FWL, Section 1, T25S-R28E, NMPM; BHL: Unit N, 100' FSL, 661' FEL,
	Section 13, T25S-R28E, standup, nonstandard location
Horizontal Well First and Last Take Points	Riverbend 12-13 Federal Com 2H Well: FTP 100' FNL,
Tionzontal Well Flist and Last Take Politis	1557' FEL, Section 1; LTP 100' FSL, 661' FEL, Section 13
	, , , , , , , , , , , , , , , , , , , ,
Completion Target (Formation, TVD and MD)	Riverbend 12-13 Federal Com 2H Well: TVD approx.
	9,789', TMD 19,789'; Wolfcamp Formation, See Exhibit B-
	2
Well #3	Riverbend 12-13 Federal Com 19H Well (API No. 30-015-
	pending), SHL: Unit N, 1207' FSL, 2442' FWL, Section 1, T25S-R28E, NMPM; BHL: Unit O, 100' FSL, 1816' FEL,
	Section 13, T25S-R28E, standup, nonstandard location
Horizontal Well First and Last Take Points	Riverbend 12-13 Federal Com 19H Well: FTP 100' FNL,
	1966' FEL, Section 12; LTP 100' FSL, 1816' FEL, Section 13
Completion Target (Formation, TVD and MD)	Riverbend 12-13 Federal Com 19H Well: TVD approx. 9,778', TMD 19,778'; Wolfcamp Formation, See Exhibit B-
	2
Well #4	Riverbend 12-13 Federal Com 20H Well (API No. 30-015-
	pending), SHL: Unit N, 1207' FSL, 2422' FWL, Section 1,
	T25S-R28E, NMPM; BHL: Unit O, 100' FSL, 2310' FEL,
	Section 13, T25S-R28E, standup, nonstandard location
Horizontal Well First and Last Take Points	Riverbend 12-13 Federal Com 20H Well: FTP 100' FNL,
	2310' FEL, Section 12; LTP 100' FSL, 2310' FEL, Section 13
Completion Target (Formation, TVD and MD)	Riverbend 12-13 Federal Com 20H Well: TVD approx. 9,714', TMD 19,714'; Wolfcamp Formation, See Exhibit B-
	2
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$7,000, Exhibit A
Production Supervision/Month \$	\$700, Exhibit A
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%, Exhibit A
Notice of Hearing	
Proposed Notice of Hearing	Exhibit C, C-1

Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-3
Ownership Determination	
Land Ownership Schematic of the Spacing Unit	Exhibit A-2
Tract List (including lease numbers and owners)	Exhibit A-2
Pooled Parties (including ownership type)	Exhibit A-2
Unlocatable Parties to be Pooled	Exhibit A
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-1
Gunbarrel/Lateral Trajectory Schematic	Exhibit B-4
Well Orientation (with rationale)	Exhibit B, B-1
Target Formation	Exhibit B, B-2
HSU Cross Section	Exhibit B-2, B-4, B-5
Depth Severance Discussion	Exhibit B
Forms, Figures and Tables	
C-102	Exhibit A-1
Tracts	Exhibit A-1, A-2, B-1
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-2
General Location Map (including basin)	Exhibit A-2
Well Bore Location Map	Exhibit B-1, B-4
Structure Contour Map - Subsea Depth	Exhibit B-1
Cross Section Location Map (including wells)	Exhibit B-2, B-5
Cross Section (including Landing Zone)	Exhibit B-2, B-4, B-5
Additional information	· · · · · · · · · · · · · · · · · · ·
Special Provisions/Stipulations	
CERTIFICATION: I hereby certify that the information prov	ided in this checklist is complete and accurate.
Printed Name (Attorney or Party Representative):	Darin C. Savage
Signed Name (Attorney or Party Representative):	7/40/22
Date:	7/18/22

### **TAB 2**

Case No. 22894

Exhibit A: Affidavit of Riley Morris, 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, EDDY COUNTY, NEW MEXICO

Case No. 22894

### **AFFIDAVIT OF RILEY MORRIS**

STATE OF TEXAS	)
	) ss.
COUNTY OF MIDLAND	)

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 Affidavit, which is based on my personal knowledge.
- 2. I am employed as a Landman with Cimarex Energy Co. ("Cimarex"), and I am familiar with the subject application and the lands involved.
- 3. I graduated in 2010 from Texas Tech University with a bachelor's degree in Business Administration with an emphasis in Energy Commerce. I have worked at Cimarex for approximately 3 years, and I have been working in New Mexico for 3 years. My credentials as a petroleum landman have been accepted by the New Mexico Oil Conservation Division ("Division") and made a matter of record.
- 4. This affidavit is submitted in connection with the filing by Cimarex in the above-referenced spacing and compulsory pooling application pursuant to 19.15.4.12.A(1).
- 5. Cimarex seeks an order pooling all uncommitted mineral interest in the Wolfcamp formation (Purple Sage; Wolfcamp; [Pool Code: 98220]) underlying a standard 640-acre, more or



less, horizontal spacing and proration unit comprised of the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico.

- 6. Under <u>Case No. 22894</u>, Cimarex seeks to dedicate to the horizontal spacing and proration unit the **Riverbend 12-13 Federal Com 1H Well** (API 30-015-pending), **Riverbend 12-13 Federal Com 2H Well** (API 30-015-pending), **Riverbend 12-13 Federal Com 19H Well** (API 30-015-pending), and the **Riverbend 12-13 Federal Com 20H Well** (API 30-015-pending) as initial gas wells.
- 7. The **Riverbend 12-13 Federal Com 1H Well** will be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13; with an approximate TVD of 9,530'; an approximate TMD of 19,530'; FTP in Section 12: 100' FNL, 1,431' FEL; LTP in Section 13: 100' FSL, 330' FEL.
- 8. The **Riverbend 12-13 Federal Com 2H Well** will be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13; with an approximate TVD of 9,789'; an approximate TMD of 19,789'; FTP in Section 12: 100' FNL, 1,557' FEL; LTP in Section 13: 100' FSL, 661' FEL.
- 9. The **Riverbend 12-13 Federal Com 19H Well** will be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13; with an approximate TVD of 9,778'; an approximate TMD of 19,778'; FTP in Section 12: 100' FNL, 1,966' FEL; LTP in Section 13: 100' FSL, 1,816' FEL.
- 10. The **Riverbend 12-13 Federal Com 20H Well** will be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13; with an approximate TVD of 9,714'; an approximate TMD of 19,714'; FTP in Section 12: 100' FNL, 2,310' FEL; LTP in Section 13: 100' FSL, 2,310' FEL.

- 11. The proposed C-102s for the wells are attached as **Exhibit A-1**.
- 12. A general location plat and a plat outlining the unit being pooled is attached hereto as **Exhibit A-2**, which shows the location of the proposed wells within the unit. The locations of the wells are unorthodox, as the take points, at 100' from the boundaries of the HSU, overstep the setback requirements of the Special Rules for the Purple Sage Wolfcamp Pool (Order No. R-14262). There is also an inflection point in the lateral of the 1H well that is 328 ft FEL that oversteps the setback by 2 ft. Accordingly, Cimarex will apply administratively for approval of nonstandard locations (NSLs).
- 13. 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 shows which working interest owners have committed, and which to date have not committed, their interest to a voluntary agreement with Cimarex, along with a list of the overriding royalty interest (ORRI) owners and record title (RT) owners to be pooled.
  - 14. There are no depth severances in the Wolfcamp formation in this acreage.
- 15. 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 Eddy County, New Mexico, where the well is located, and of phone directories and did computer searches to locate the contact information for parties entitled to notification. There were two overriding royalty interest owner notice letters returned undeliverable: Dutch-Irish Oil, Inc. and ROEC, Inc. Cimarex published notice in the Carlsbad Current Argus, a newspaper of general circulation in Eddy County, New Mexico, to account for any unlocatable parties and cover any contingencies regarding notice.

- 16. 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.
- 17. The four working interest owners being pooled have been contacted regarding the proposed wells. Northern Oil and Gas, Inc., has agreed to the well proposals and AFE and has joined with Cimarex in a voluntary agreement. A couple of working interest owners have indicated their willingness to enter the JOA as proposed but are still reviewing; we are working with the remaining owner to consider changes in the agreement that would satisfy the parties. If a mutually agreeable JOA 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.
- 18. **Exhibit A-3** is a sample proposal letter and the AFEs for the proposed wells, that were sent to working interest owners. The estimated cost of the wells set forth in the AFE is fair, reasonable, and comparable to the costs of other wells of similar depths and lengths drilled in this area of New Mexico. Some of the working interest owners have agreed to the well proposals and AFE and have joined with Cimarex in a voluntary agreement.
- 19. Cimarex requests overhead and administrative rates of \$7,000/month for drilling each well and \$700/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.

- 20. Cimarex requests the maximum cost, plus 200% risk charge be assessed against non-consenting working interest owners.
  - 21. Cimarex requests that it be designated operator of the unit and wells.
- 22. The Exhibits to this Affidavit were prepared by me or compiled from Cimarex's company business records under my direct supervision.
- 23. 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.
  - 24. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT

Riley Morris

Subscribed to and sworn before me this 13 day of July 2022.

KAIMI BROWNLEE
Notary Public, State of Texas
Comm. Expires 03-26-2023
Notary ID 126052368

Notary Public

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
D000 Rin Brazan Board

1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 Phone: (303) 334-6178 Fax: (303) 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

County EDDY

WEST

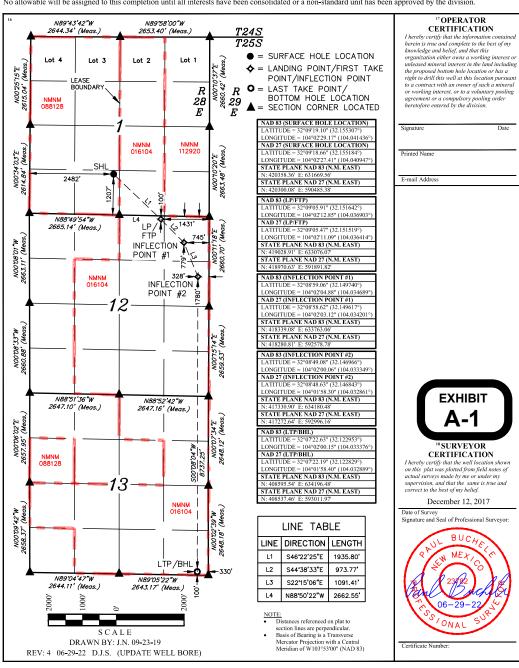
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name					
<sup>4</sup> Property Code			Operty Name 12-13 FEDERAL COM	<sup>6</sup> Well Number 1 H				
7 OGRID No.			perator Name EX ENERGY CO.	9 Elevation 2934.6'				
<sup>™</sup> Surface Location								

1207 SOUTH

	"Bottom Hole Location If Different From Surface										
I	UL or lot no. P	Section 13	Township 25S	Range 28E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY	
- 1	12 Double-stud Asset	12 7	- ! 4 T 6711	H.C.	11.4.4 C. A.	If Oud on 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.



<u>District I</u> 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 Phone: (303) 334-6178 Fax: (303) 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

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name	
4 Property Code			roperty Name 12-13 FEDERAL COM	<sup>6</sup> Well Number 2H
<sup>7</sup> OGRID №.			perator Name EX ENERGY CO.	<sup>9</sup> Elevation 2934.6'

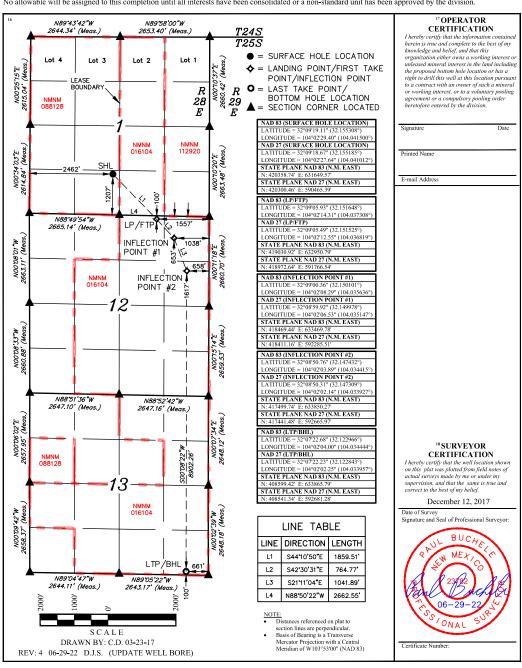
Surface Location

UL or lot no. N	Section 1	25S	28E	Lot Idn	1207	SOUTH	2462	WEST	EDDY

"Bottom Hole Location If Different From Surface

I	UL or lot no. P	Section 13	on	Township 25S	Range 28E	Lot Idn	Fe	et from the 100	North/South line SOUTH	Feet from the 661	East/West line EAST	County EDDY
ĺ	12 Dedicated Acre	es .	13 Jo	int or Infill	14 Consc	olidation 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.



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

Phone: (575) 748-1283 Fax: (575) 748-9720

District III

Phone: (575) 748-1283 Fax: (575) 748-9720

District III

1000 Rio Brong Par

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

County EDDY

WEST

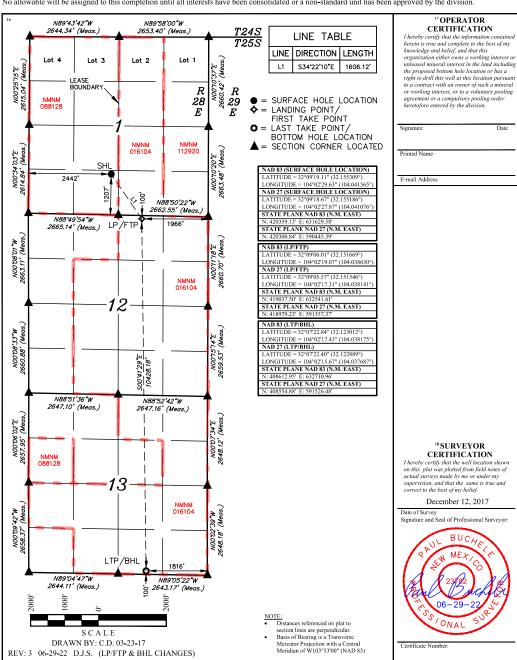
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	r	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name					
<sup>4</sup> Property Code			Doperty Name 12-13 FEDERAL COM	<sup>6</sup> Well Number 19H				
<sup>7</sup> OGRID №.			perator Name EX ENERGY CO.	9 Elevation 2934.7'				
Surface Location  □ Surface Location								

SOUTH 1207

				п	Bottom H	ole Location I	f Different From	Surface		
							North/South line	Feet from the	East/West line	County
ı	О	13	25S	28E		100	SOUTH	1816	EAST	EDDY
	12 D. B. attacked 4	11 1.		И.С	P.J. C. J.	If Oud on No				

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



District I 1623 N. French Dr., Hobbs, NM 88240 Phone: (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 R io Remon Park

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

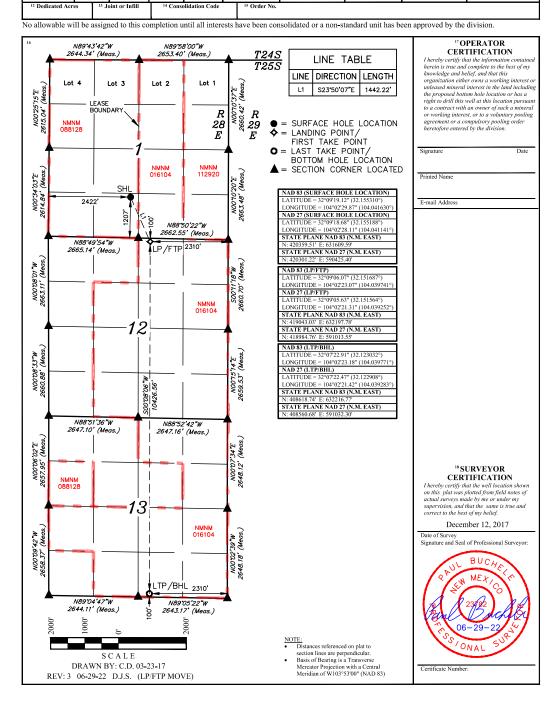
■ AMENDED REPORT

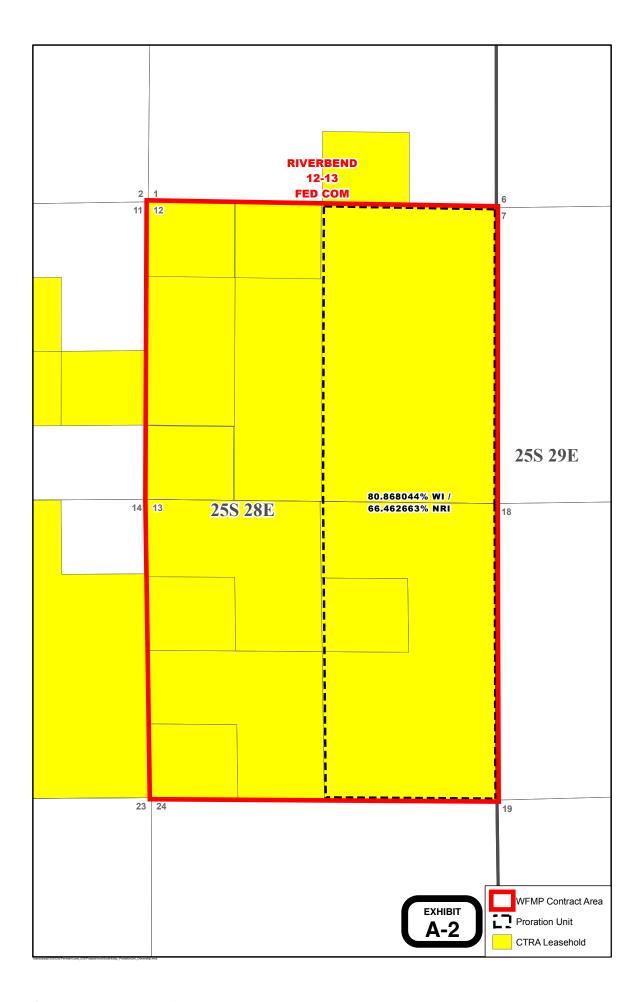
WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name				
4 Property Code			operty Name 12-13 FEDERAL COM	<sup>6</sup> Well Number 20H			
7 OGRID No.			perator Name EX ENERGY CO.	9 Elevation 2935.0'			
»Surface Location							

Lot Idn Feet from the North/Sout

_ L	4.1		-	-			000111		11201	DDD I
_				11	Bottom H	ole Location I	f Different From	Surface		
ſ	UL or lot no. O	Section 13	Township 25S	Range 28E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 2310	East/West line EAST	County EDDY





#### Contractual Ownership (Proposed) | Sub-Contract Area 3 E2 of Sections 12 & 13, T25S-R28E, Eddy County, NM <u>Wolfcamp Formation Ownership</u>

\*Limited to depths from the top of the Wolfcamp Formation down to the base of the Wolfcamp Formation.

Name	Address	Tract	Oper Agr	<u>wı</u>	NRI	Tract <u>Factor</u>	Working Interest <u>Proposed</u>	Net Revenue Interest <u>Proposed</u>	Total Proposed <u>WI</u>	Total Proposed <u>NRI</u>	Type
Magnum Hunter Production, Inc.	600 N. Marienfeld St., Ste. 600 Midland, TX 79701	NM 16104	Feb 1981	0.79592580	0.65893508	0.9375	0.74618044	0.61775163	0.80868044	0.66462663	WI
Magnum Hunter Production, Inc.	600 N. Marienfeld St., Ste. 600 Midland, TX 79701	SW/4 of NE/4 of Sec 13	None	1.00000000	0.75000000	0.0625	0.06250000	0.04687500			
Northern Oil and Gas, Inc.	P.O. Box 10850 Fort Worth, TX 76114	NM 16104	Feb 1981	0.12209302	0.07558139	0.9375	0.11446221	0.07085756	0.11446221	0.07085756	WI
EOG Resources, Inc.	5509 Champions Drive Midland, TX 79706	NM 16104	Feb 1981	0.01162790	0.01017441	0.9375	0.01090116	0.00953851	0.01090116	0.00953851	WI
MRC Permian Company	5400 LBJ Freeway, Ste. 1500 Dallas, TX 75240	NM 16104	Feb 1981	0.06625244	0.05797089	0.9375	0.06211166	0.05434770	0.06211166	0.05434770	WI
Devon Energy Production Company, LP	333 West Sheridan Ave. Oklahoma City, OK 73102	NM 16104	Feb 1981	0.00410084	0.00358824	0.9375	0.00384454	0.00336397	0.00384454	0.00336397	WI
Monty D. McLane	P.O. Box 9451 Midland, TX 79708	NM 16104	N/A	0.00000000	0.00333335	0.9375	0.00000000	0.00312502	0.00000000	0.00312502	ORRI
Alan Jochimsen, as separate property	4209 Cardinal Lane Midland, TX 79707	NM 16104	N/A	0.00000000	0.00333335	0.9375	0.00000000	0.00312502	0.00000000	0.00312502	ORRI
States Royalty Limited Partnership	P.O. Box 911 Breckenridge, TX 76424	NM 16104	N/A	0.00000000	0.00333330	0.9375	0.00000000	0.00312497	0.00000000	0.00312497	ORRI
Schertz Energy LLC	1407 S. Sunset Ave. Roswell, NM 88203	NM 16104	N/A	0.00000000	0.00500000	0.9375	0.00000000	0.00468750	0.00000000	0.00468750	ORRI
Premier Oil & Gas, Inc.	P.O. Box 837205 Richardson, TX 75083	NM 16104	N/A	0.00000000	0.01000000	0.9375	0.00000000	0.00937500	0.00000000	0.00937500	ORRI
Kirk & Sweeney Ltd. Co.	P.O. Box 1174 Roswell, NM 88202	NM 16104	N/A	0.00000000	0.00100000	0.9375	0.00000000	0.00093750	0.00000000	0.00093750	ORRI
Innerarity Family Minerals, LLC	P.O. Box 313 Midland, TX 79702	NM 16104	N/A	0.00000000	0.00100000	0.9375	0.00000000	0.00093750	0.00000000	0.00093750	ORRI
E&S, LLC	711 South Country Club Lane Payson, AZ 85541	NM 16104	N/A	0.00000000	0.00200000	0.9375	0.00000000	0.00187500	0.00000000	0.00187500	ORRI
NM&T Resources, LLC	P.O. Box 10523 Midland, TX 79702	NM 16104	N/A	0.00000000	0.00600000	0.9375	0.00000000	0.00562500	0.00000000	0.00562500	ORRI
Norton, LLC	60 Beach Ave. South Dartmouth, MA 02748	NM 16104	N/A	0.00000000	0.00500000	0.9375	0.00000000	0.00468750	0.00000000	0.00468750	ORRI
Chisos Minerals, LLC	P.O. Box 470788 Fort Worth, TX 76147	NM 16104	N/A	0.00000000	0.00250000	0.9375	0.00000000	0.00234375	0.00000000	0.00234375	ORRI
MKHM Oil, LLC	3200 North Tacoma St. Arlington, VA 22213	NM 16104	N/A	0.00000000	0.00125000	0.9375	0.00000000	0.00117188	0.00000000	0.00117188	ORRI
GHHunker, LLC	P.O. Box 524 Lander, WY 82520	NM 16104	N/A	0.00000000	0.00125000	0.9375	0.00000000	0.00117188	0.00000000	0.00117188	ORRI
Dutch-Irish Oil, Inc.	P.O. Box 4831 Midland, TX 79701	NM 16104	N/A	0.00000000	0.00125000	0.9375	0.00000000	0.00117188	0.00000000	0.00117188	ORRI
Wing Resources V, LLC	2100 McKinney Ave., Ste. 1540 Dallas, TX 75201	NM 16104	N/A	0.00000000	0.00025000	0.9375	0.00000000	0.00023438	0.00000000	0.00023438	ORRI
Sam L. Shackelford, as separate property	1096 Mechem Dr. Ruidoso, NM 88345	NM 16104	N/A	0.00000000	0.00015625	0.9375	0.00000000	0.00014648	0.00000000	0.00014648	ORRI
West Bend Energy Partners III, LLC	1320 S. University Dr., Ste. 701 Fort Worth, TX 76107	NM 16104	N/A	0.00000000	0.00015625	0.9375	0.00000000	0.00014648	0.00000000	0.00014648	ORRI
ROEC, Inc.	P.O. Box 33440 Santa Fe, NM 87594	NM 16104	N/A	0.00000000	0.00031250	0.9375	0.00000000	0.00029297	0.00000000	0.00029297	ORRI
Energy Properties Limited, LP	P.O. Box 51408 Casper, WY 82605 (circa 1999)	NM 16104	N/A	0.00000000	0.00025000	0.9375	0.00000000	0.00023438	0.00000000	0.00023438	ORRI
The William N. Heiss Profit Sharing Plan; William N. Heiss and Susan E. Heiss, Co-Trustees	c/o William N. Heiss and Susan E. Heiss, Co Trustees P.O. Box 2944 Casper, WY 82602 (circa 1999)	NM 16104	N/A	0.00000000	0.00012500	0.9375	0.00000000	0.00011719	0.00000000	0.00011719	ORRI
Dragoon Creek Minerals, LLC	2821 W. 7th St., Ste. 515 Fort Worth, TX 76107	NM 16104	N/A	0.00000000	0.00020000	0.9375	0.00000000	0.00018750	0.00000000	0.00018750	ORRI
Pegasus Resources NM, LLC	P.O. Box 470698 Fort Worth, TX 76147	NM 16104	N/A	0.00000000	0.00230000	0.9375	0.00000000	0.00215625	0.00000000	0.00215625	ORRI
EOG Resources, Inc.	5509 Champions Drive Midland, TX 79706	NM 16104	N/A	0.00000000	0.01875000	0.9375	0.00000000	0.01757813	0.000000000	0.01757813	ORRI

Oak Valley Mineral & Land, LP	P.O. Box 50820 Midland, TX 79710	SW/4 of NE/4 of Sec 13	N/A	0.00000000	0.05000000	0.0625	0.00000000	0.00312500	0.00000000	0.00312500	ORRI
The Stanley W. Light Revocable Trust; Stanley W. Light, Trustee	c/o Stanley W. Light, Trustee 3818 Turtle Creek Dr. Dallas, TX 75219	SW/4 of NE/4 of Sec 13	N/A	0.00000000	0.10000000	0.0625	0.00000000	0.00625000	0.00000000	0.00625000	RI
Rogue Minerals, LLC	14010 S. Evergreen Ridge Ct. Conroe, TX 77384	SW/4 of NE/4 of Sec 13	N/A	0.00000000	0.10000000	0.0625	0.00000000	0.00625000	0.00000000	0.00625000	RI
United States of America	c/o Bureau of Land Management 301 Dinosaur Tr. Santa Fe, NM 87508	NM 16104	N/A	0.00000000	0.12500000	0.9375	0.00000000	0.11718750	0.00000000	0.11718750	RI

.00000000 1.00000000

Ownership set out herein updates (i) that certain Supplemental Drilling Tide Opinion to 2nd. Amended Drilling Tide Opinion dated September 23, 2019, rendered by Beatry & Wozniak, P.C. for Cimares: Energy Company, covering All of Section 12, 175S-R28E, Eddy County, NM, and (ii) that certain Second Supplemental Drilling Tide Opinion dated October 4, 2019, rendered by Beatry & Wozniak, P.C. for Cimares: Energy Company, covering All of Section 13, 175S-R28E, Eddy County, NM, along with contractual ownership rendered by Van Yeckhoven Law Firm, PLLC covering contractual ownership under that certain Operating Agreement dated February 1, 1981. Inasmuch, ownership set out herein is subject to the accuracy and completeness of same and further subject to any and all unsatisfied curative requirements of authority of the Company of

Ownership set out herein makes certain assumptions regarding the terms and provisions to be included in a future operating agreement, including that lease burdens will be shared up to 12.5%. Additionally, this ownership assumes a Working Interest Owner Contract Area, or Sub-Contract Area, comprising the E2 of Sections 12 & 13, 725S-R28E, limited to the depths set out above.

Riverbend 12-13 Fed Com 1H, 2H, 19H and 20H Working Interest Owners (Recapitulation of Unit)

Entity Name	Working Interest Percentage
Magnum Hunter Production, Inc.	80.86804375%
Northern Oil and Gas, Inc.	11.44622063%
EOG Resources, Inc.	1.09011563%
MRC Permian Company	6.21116625%
Devon Energy Production Company, LP	0.38445375%
Total:	100.0000000%

Cimarex Energy Co. Permian Business Unit 600 N. Marienfeld Street Suite 600 Midland, Texas 79701 MAIN 432.571.7800



April 6, 2022

Devon Energy Production Company, LP Attn: Land Department 333 West Sheridan Ave. Oklahoma City, OK 73102

Re: Proposal to Drill

Riverbend 12-13 Federal Com 1H, 2H, 19H & 20H

E/2 of Section 12 & 13, Township 25 South, Range 28 East, Eddy County, NM

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the Riverbend 12-13 Federal Com 1H, 2H, 19H & 20H wells at a legal location in Section 12, Township 25 South, Range 28 East, NMPM, Eddy County, NM.

Riverbend 12-13 Federal Com 1H – The intended surface hole location for the well is 1207' FSL and 2482' FWL of Section 1, Township 25 South, Range 28 East, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 25 South, Range 28 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,530'.

<u>Riverbend 12-13 Federal Com 2H</u> - The intended surface hole location for the well is 1207' FSL and 2462' FWL of Section 1, Township 25 South, Range 28 East, and the intended bottom hole location is 100' FSL and 995' FEL of Section 13, Township 25 South, Range 28 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,789'.

Riverbend 12-13 Federal Com 19H - The intended surface hole location for the well is 1207' FSL and 2442' FWL of Section 1, Township 25 South, Range 28 East, and the intended bottom hole location is 100' FSL and 1660' FEL of Section 13, Township 25 South, Range 28 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,778'.

Riverbend 12-13 Federal Com 20H - The intended surface hole location for the well is 1207' FSL and 2422' FWL of Section 1, Township 25 South, Range 28 East, and the intended bottom hole location is 100' FSL and 2310' FEL of Section 13, Township 25 South, Range 28 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,714'.

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

Enclosed is (i) our detailed AFE reflecting estimated costs associated with this proposal, (ii) and; our proposed form of Operating Agreement to govern operations of the Riverbend 12-13 Federal Com 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 Riverbend 12-13 Federal Com 1H, 2H, 19H and 20H wells 30 days after the receipt of these proposals.

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. Failure to elect whether or not to participate within 30 days of your receipt of this proposal will, as provided in the Operating Agreement, will be considered an election not to participate.

Please call the undersigned with any questions or comments.

Respectfully,

Riley C. Morris Sr. Landman 432.620.1966

Riley.Morris@Coterra.com

### ELECTION TO PARTICIPATE Riverbend 12-13 Federal Com 1H

	Devon Energy Production Company, LP elects <b>TO</b> participate in the proposed Riverbend 12-13 Federal Com 1H well.
	Devon Energy Production Company, LP elects <b>NOT</b> to participate in the proposed Riverbend 12-13 Federal Com 1H well.
Dated this day of	, 2022.
Signature:	<del></del>
Title:	
If your election above is	TO participate in the proposed Riverbend 12-13 Federal Com 1H well, then:
<u></u>	Devon Energy Production Company, LP elects <b>TO</b> be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Company, LP elects <b>NOT</b> to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations <b>or</b> be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

### **ELECTION TO PARTICIPATE Riverbend 12-13 Federal Com 2H**

	Devon Energy Production Company, LP elects <b>TO</b> participate in the proposed Riverbend 12-13 Federal Com 2H well.
	Devon Energy Production Company, LP elects <b>NOT</b> to participate in the proposed Riverbend 12-13 Federal Com 2H well.
Dated this day of	, 2022.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Riverbend 12-13 Federal Com 2H well, then:
	Devon Energy Production Company, LP elects <b>TO</b> be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Company, LP elects <b>NOT</b> to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations <b>or</b> be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

### **ELECTION TO PARTICIPATE Riverbend 12-13 Federal Com 19H**

	Devon Energy Production Company, LP elects <b>TO</b> participate in the proposed Riverbend 12-13 Federal Com 19H well.
	Devon Energy Production Company, LP elects <b>NOT</b> to participate in the proposed Riverbend 12-13 Federal Com 19H well.
Dated this day or	f, 2022.
Signature:	<del></del>
Title:	
f your election above	is TO participate in the proposed Riverbend 12-13 Federal Com 19H well, then:
	Devon Energy Production Company, LP elects <b>TO</b> be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Company, LP elects <b>NOT</b> to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

### ELECTION TO PARTICIPATE Riverbend 12-13 Federal Com 20H

	Devon Energy Production Company, LP elects <b>TO</b> participate in the proposed Riverbend 12-13 Federal Com 20H well.
	Devon Energy Production Company, LP elects <b>NOT</b> to participate in the proposed Riverbend 12-13 Federal Com 20H well.
Dated this day of	, 2022.
Signature:	
Title:	
If your election above i	s TO participate in the proposed Riverbend 12-13 Federal Com 20H well, then:
	Devon Energy Production Company, LP elects <b>TO</b> be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Company, LP elects <b>NOT</b> to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

COTERRA	Authorization For Expenditure	Drilling		AFE # 26821004
Company Entity				Date Prepared 4/6/2022
Exploration Region Permian Basin	Well Name RIVERBEND 12-13 FEDERAL COM 1H	Prospect Carlsbad Bone Spring Prospect	Property Number 300001-172.01	AFE 26821004
County, State Eddy, NM	Location E/2 of Sections 12 & 13, Township 25 Eddy County, NM	South, Range 28 East,	Estimated Spud 10/1/2020	Estimated Completion 11/1/2020
X New Supplement Revision	Formation Wolfcamp	Well Type T DEV	tl Measured Depth 19,490	Ttl Vetical Depth 9,530

Purpose Drill and complete well

#### Description

Drilling Drill and complete a horizontal test. Drill to 440', set water string casing. Drill to 2635', set surface casing. Drill to 9204' (KOP). Drill curve at 12\*/100' initial build rate to +/- 75 degrees and set casing at +/- 9829' MD. Finish curve at +/- 4\*/100' to +/- 9710' TVD and drill a +/- 10710' long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac.Drill out plugs.

Total Well Cost	\$2,569,000	\$6,561,000	\$9,130,000
Total Tangible Cost	\$545,000	\$1,137,984	\$1,682,984
Lease Equipment		\$680,984	\$680,984
Well Equipment	\$545,000	\$457,000	\$1,002,000
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Total Intangible Cost	\$2,024,000	\$5,423,016	\$7,447,016
Completion Costs		\$5,423,016	\$5,423,016
Drilling Costs	\$2,024,000		\$2,024,000
Intangible	Dry Hole	After Casing Point	Completed Well Cost

#### 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	imarex pursuant to the	e terms and conditions	of its contrac

#### 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

Company	Approved By (Print Name)	Approved By (Signature)	Date
	water the second section of the section of the second section of the section of the second section of the second section of the second section of the section		

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.

4/6/2022

# COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 1H

AFE # 26821004

		Drilling	ACP -			)/Stim	Producti		Post Corr		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
Roads & Location	DIDC.100	125,000			STIM.100	10,000	CON.100	19,395	PCOM.100	10,000	164,39
Damages	DIDC.105	30,000					CON.105	5,450			35,45
Mud/Fluids Disposal	DIDC.255	125,000			STIM.255	53,000			PCOM.255	168,000	346,000
Day Rate	DIDC.115	350,000	DICC.120	60,000							410,000
Misc Preparation	DIDC.120	20,000								0.09191	20,000
Bits	DIDC.125	62,000	DICC.125	0	STIM.125	0			PCOM.125	0	62,000
Fuel	DIDC.135	42,000	DICC.130	0					PCOM.130	0	42,000
Water for Drilling Rig (Not Frac Water)	DIDC.140	25,000	DICC.135	0	STIM.135	20,000			PCOM.135	0	45,000
Mud & Additives	DIDC.145		DICC.133	U	311141.133	20,000			7		150,000
Surface Rentals	DIDC.143	150,000	DICC.140	0	STIM.140	422.000	CON.140	3,296	PCOM.140	45,000	272,296
		92,000	DICC.140	U		132,000	CON.140	3,290	PCOM.145		
Downhole Rentals	DIDC.155	81,000			STIM.145	35,000				0	116,000
Flowback Labor					STIM.141	0			PCOM.141	55,000	55,000
Automation Labor							CON.150	48,171	PCOM.150	0	48,171
Mud Logging	DIDC.170	21,000									21,000
IPC & EXTERNAL PAINTING							CON.165	13,691			13,691
Cementing & Float Equipment	DIDC.185	120,000	DICC.155	55,000							175,000
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	196,867	PCOM.170	0	234,867
Trucking/Transportation	DIDC.205	18,000	DICC 175	8,000	STIM.175	4,000	CON.175	7,099	PCOM.175	0	37,099
Supervision	DIDC.210	70,000	DICC.180	9,000	STIM.180	45,000	CON.180	25,100	PCOM.180	0	149,100
Trailer House/Camp/Catering	DIDC.280	38,000	DICC 255	5,000	STIM.280	23,000	105.000.000	23,100	Account to the		66,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	5,000	STIM.190	79,000	CON.190	15,466	PCOM.190	0	99,466
Other Misc Expenses Overhead	DIDC.225		DICC.190 DICC.195		armi.190	19,000	CO14, 150	13,406		U	15,000
	DIDC.225	10,000	DICC.195	5,000							110,000
MOB/DEMOB		110,000				- 100 110 - 100	SOM I'E				
Directional Drilling Services	DIDC.245	218,000									218,000
Solids Control	DIDC 260	44,000							The second		44,000
Well Control Equip (Snubbing Services)	DIDC.265	74,000	DICC.240	5,000	STIM.240	59,000			PCOM.240	0	138,000
Completion Rig	Eller de				STIM.115	21,000			PCOM.115	0	21,000
Coil Tubing Services					STIM.260	164,000			PCOM.260	0	164,000
Completion Logging/Perforating/Wireline					STIM.200	253,000			PCOM.200	0	253,000
Composite Plugs					STIM.390	41,000			PCOM.390	0	41,000
Stimulation Pumping/Chemicals/Additives/Sand					STIM.210	2,809,000			PCOM.210	8,000	2,817,000
Stimulation Water/Water Transfer/Water Storage	Season I Great				STIM.395	157,000					157,000
Cimarex Owned Frac/Rental Equipment	SHARKS				STIM.305	60,000			PCOM.305	60,000	120,000
Legal/Regulatory/Curative	DIDC.300	10,000				00,000	CON.300	0		00,000	10,000
Well Control Insurance	DIDC.285						CONTINUE			MINISTER IN	7,000
Major Construction Overhead	DIDC.203	7,000					CON.305	26,621	THE RESERVE	ALTERNATION NO.	26,621
,							CON.495				65,411
FL/GL - ON PAD LABOR								65,411		Carried Inc.	
FL/GL - Labor							CON.500	134,499			134,499
FL/GL - Supervision							CON.505	28,016	GDEEDE!	200	28,016
Survey							CON.515	2,662			2,662
Contingency	DIDC.435	84,000	DICC.220	9,000	STIM.220	198,000	CON.220	92,158	PCOM.220	0	383,158
Contingency							CON.221	35,114			35,114
Total Intangible Cost		2,024,000		191,000		4,167,000		719,016		346,000	7,447,016
Conductor Pipe	DWEB.130	8,000									8,000
Water String	DWEB.135	18,000									18,000
Surface Casing	DWEB.140	73,000							NE BOOK I		73,000
Intermediate Casing 1	DWEB.145	408,000									408,000
Production Casing or Liner	THE RESERVE	.50,000	DWEA.100	145,000			Supplement		TO STREET	ALCOHOLD BY	145,000
Tubing Tubing	A STATE OF			143,000	STIMT.105	83.000			PCOMT.105	0	83,000
Wellhead, Tree, Chokes	DWEB 115	38,000	DWEA.120	18,000	STIMT.120	38,000			PCOMT.120	10,000	104,000
	DWEB.113		DWEA.125		J111V11.120	30,000			. COMILIEU	10,000	55,000
Liner Hanger, Isolation Packer	DAMER 100	0	DWEA.125	55,000	STIMT.400				PCOMT.400	0	28.000
Packer, Nipples					5HM1.400	28,000			PCOM1.400	0	
SHORT ORDERS							CONT.380	7,606			7,606
PUMPS							CONT.385	11,915	THE STATE OF		11,915
WALKOVERS							CONT.390	2,536			2,536
Downhole Lift Equipment					STIMT,410	80,000	1000		PCOMT.410	0	80,000
N/C Lease Equipment							CONT.400	222,473			222,473
Battery Equipment							CONT.410	161,500	1000		161,500
Secondary Containments							CONT.415	14,451			14,451
Facility Electrical	SCHOOL SEC		0.5		1000		CONT.425	11,409		100000	11,409
Telecommunication Equipment	The second second						CONT.426	380			380
Meters and Metering Equipment	THE SALE		2010/01		SECTION 1		CONT.445	45,255		100000000000000000000000000000000000000	45,25
Facility Line Pipe	LICENSIS TO				AR HOLLY		CONTA50	45,255	50000		44,368
,	and the state of		TO LOCATION IN		or or gallery		CONTASS CONTASS		- Charles	menerous de	44,36
Lease Automation Materials	SCHOOL SE		SEE HOLE		CONTRACTOR OF			44,368	C. C. C. C. C. C.	Table 1	
FL/GL - Materials							CONT.550	37,015			37,015
FL/GL - Line Pipe						1000400	CONT.555	77,707			77,70
Total Tangible Cost	1	545,000		218,000		229,000		680,984		10,000	1,682,984
Total Estimated Cost		2,569,000		409,000		4,396,000		1,400,000	1	356,000	9,130,00

## COM 1H COM 1H

AFE # 26821004

		BCP - Drilling			ACP - Drilling	AND DESIGNATION OF THE PERSON NAMED IN COLUMN		Comp/Stim	
Description	Codes		Amount	Codes		Amount	Codes		Amour
Roads & Location	DIDC.100		125,000				STIM.100	CON.100	10,00
Damages	DIDC.105		30,000						
Mud/Fluids Disposal	DIDC.255		125,000			1-12-11	STIM.255		53,00
Day Rate	DIDC.115	DICC.120	350,000	DICC.120		60,000			
Misc Preparation	DIDC.120		20,000			ALC: U			1000
Bits	DIDC.125	DICC.125	62,000	DICC 125	STIM.125	0	STIM.125		
Fuel	DIDC.135	DICC.130	42,000			0			I Daniel
Water for Drilling Rig (Not Frac Water)	DIDC.140	DICC.135	25,000		STIM.135	0	STIM.135		20,00
Mud & Additives	DIDC.145	DICC.133		DICC. 133	311141.133	0	311111.133		20,00
Surface Rentals	DIDC.150	DICC.140	150,000	DICC.140	STIM.140	0	STIM.140	CON.140	132,00
		DICC.140	92,000	DICC.140	SHM.140	0	STIM.145	COIV.140	
Downhole Rentals	DIDC.155		81,000	Name of the last		Carrier Co.	STIM.141		35,00
Flowback Labor							STIM.141		
Automation Labor	1000					10000			THE STREET
Mud Logging	DIDC.170		21,000						
IPC & EXTERNAL PAINTING	133					10000			12025
Cementing & Float Equipment	DIDC 185	DICC.155	120,000	DICC.155		55,000			
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		STIM.165	15,000	STIM.165		
Mechanical Labor	DIDC.200	DICC.170	28,000	The second of the second	STIM.170	10,000	STIM.170	CON.170	
Trucking/Transportation	DIDC.205	DICC.175	18,000		STIM 175	8,000	STIM.175	CON.175	4,00
Supervision	DIDC.210		70,000		STIM.180	9,000	STIM.180	CON.180	45,00
				The second second	STIM.180 STIM.280		STIM.280	CON.100	23,00
Trailer House/Camp/Catering	DIDC.280		38,000			5,000		CON.190	
Other Misc Expenses		DICC.190	5,000		STIM.190	0	STIM.190	CON.190	79,00
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						100
Directional Drilling Services	DIDC.245		218,000			1 1			
Solids Control	DIDC.260		44,000						
Well Control Equip (Snubbing Services)	DIDC.265	DICC.240	74,000	DICC.240	STIM.240	5,000	STIM.240		59,000
Completion Rig	THE STATE OF					A SHIRLY	STIM.115		21,00
Coil Tubing Services	1						STIM.260		164,000
Completion Logging/Perforating/Wireline	\$0161950E		1			the man	STIM.200		253,000
Composite Plugs	200000000000000000000000000000000000000						STIM 390		41,000
Stimulation	4700000		1				STIM.210		2,809,000
Stimulation Water/Water Transfer/Water	Cold to the			17/05/01/1		Profession and the	STIM.395		157,000
Cimarex Owned Frac/Rental Equipment			The Real			10000	STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000			Las years			1 19 19 1
Major Construction Overhead									
FL/GL - ON PAD LABOR	EST CO		10000						1.00
FL/GL - Labor									
FL/GL - Supervision	el and								585,085
Survey									
Contingency	DIDC.435	DICC220	84,000	DICC 220	STIM.220	9,000	STIM.220	CON.220	198,000
Contingency			04,000			3,000			
Total Intangible Cos			2,024,000	-		191,000			4,167,000
Conductor Pipe	DWEB.130		8,000	22030.00		131,000			4,107,00
	DWEB.130					1			A STATE OF THE PARTY OF
Water String			18,000						and the second
Surface Casing	DWEB.140		73,000	15915		118 15 16			HINE ELS II
Intermediate Casing 1	DWEB.145		408,000						
Production Casing or Liner			MARKET PROPERTY.	DWEA 100		145,000			
Tubing							STIMT.105		83,000
Wellhead, Tree, Chokes	DWEB.115	DWEA.120	38,000	DWEA.120	STIMT.120	18,000	STIMT.120		38,00
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		55,000			
Packer, Nipples	115-000					100000	STIMT.400		28,00
SHORT ORDERS									
PUMPS	000000		1	THE REAL PROPERTY.		most as			
WALKOVERS	1		THE REAL PROPERTY.	ACT STATES		1000		Contract of the second	100000000000000000000000000000000000000
Downhole Lift Equipment	1		descent of			Secretary of	STIMT,410		80,000
	PROPERTY.		THE REAL PROPERTY.	TO SEE SEE		Ser. China	311W11.410		80,000
N/C Lease Equipment									-
Battery Equipment	2500520		The state of	THE REAL PROPERTY.		JISM (2)			a racher
Secondary Containments									
Facility Electrical	The last		1			1000			
Telecommunication Equipment									
Meters and Metering Equipment	THE OWNER OF					The State			Sub-
Facility Line Pipe									
Lease Automation Materials	100000		A STATE OF THE STATE OF	Control in the		Mark Trans			ed a serious
FL/GL - Materials	1		CHARLES ATTERIOR	STATUTE OF THE PARTY OF THE PAR	WY X I I K SIMILUSE IN	A CHARLES AND A SHOP			
FL/GL - Materials FL/GL - Line Pipe	STOREST -		The Company of the Co	-		10000 PM			er udousen
Total Tangible Cos			F 45 000			310.00			220.00
			545,000		-	218,000			229,00
Total Estimated Cost	t		2,569,000			409,000			4,396,0

### COM 1H COM 1H COM 1H

AFE # 26821004

		Production Equip		Post Completion		Total
Description	Codes	Amo	nt Codes		Amount	Cos
Roads & Location	CON.100	19.3		Road Repair	10,000	164,39
Damages	CON.105	5,4		The state of the s	10,000	35,45
Mud/Fluids Disposal	CONTINUE	3,4	PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	346,00
			PCOM.255	4,000 BWPD for 60 Days @ \$0.70/001	166,000	
Day Rate						410,00
Misc Preparation			-		12-16-16	20,00
Bits			PCOM.125		0	62,00
Fuel			PCOM.130		0	42,00
Water for Drilling Rig (Not Frac Water)			PCOM.135		0	45,00
Mud & Additives		Section 1.	10000		100	150,000
Surface Rentals	CON.140	3,2	6 PCOM.140	\$1500/day for anticipated 30 days	45,000	272,29
Downhole Rentals	CONTINU	3,2	PCOM.145	21300/day to annequite 30 days	43,000	116,000
Flowbark Labor			PCOM.143			
TOTAL ELECT				\$2200/day for anticipated 15 days	55,000	55,00
Automation Labor	CON.150	48,1	71 PCOM.150		0	48,17
Mud Logging						21,00
IPC & EXTERNAL PAINTING	CON.165	13,6	91		0.244	13,69
Cementing & Float Equipment						175,000
Tubular Inspections		ACCURATE THE PROPERTY OF THE P	PCOM.160		0	64,00
Casing Crews		PROPERTY OF THE PARTY OF THE PA	1 40111100			30,000
	CON 170	MUSIC CONTRACTOR CONTRACTOR	7 00011170		0	
Mechanical Labor	CON.170	196,8			0	234,86
Trucking/Transportation	CON.175	7,0			0	37,099
Supervision	CON.180	25,1	00 PCOM.180		0	149,10
Trailer House/Camp/Catering						66,000
Other Misc Expenses	CON.190	15.4	6 PCOM.190		0	99,466
Overhead	and the special section of the secti	13,4	THE RESERVE TO SERVE THE PARTY OF THE PARTY			15,000
MOB/DEMOB		SECONOTY DAY A SECOND DESCRIPTION OF THE PROPERTY OF THE PROPE				110,000
Directional Drilling Services	1200					218,000
Solids Control					100000	44,000
Well Control Equip (Snubbing Services)			PCOM.240		0	138,000
Completion Rig			PCOM.115		0	21,000
Coil Tubing Services			PCOM 260		0	164,000
Completion Logging/Perforating/Wireline			PCOM.200		0	253,000
Composite Plugs	STATE OF THE PARTY	STREET, STREET	PCOM 390		0	41,000
		and the second s				
Stimulation Pumping/Chemicals/Additives/Sand Stimulation Water/Water Transfer/Water	MARKET SE		PCOM.210	Initial chemical setup	8,000	2,817,000
		Anticlinia and the state of the	00011305	VEC 0 1515	60,000	
Cimarex Owned Frac/Rental Equipment		distribution and the control of the	PCOM.305	XEC Owned Sand Separator 40k, 3" Iron for	60,000	120,000
Legal/Regulatory/Curative	CON.300		0			10,000
Well Control Insurance					of the	7,000
Major Construction Overhead	CON.305	26,6	21			26,621
FL/GL - ON PAD LABOR	CON.495	65.4	1			65,41
FL/GL - Labor	CON.500	134.4	99			134,499
FL/GL - Supervision	CON.505	28,0			2.500.00	28,016
	CON.515				Name and Color	
Survey		2,6				2,662
Contingency	CON.220	92,1	8 PCOM.220		0	383,158
Contingency	CON.221	35,1	14			35,114
Total Intangible Cost		719,0	16		346,000	7,447,016
Conductor Pipe						8,000
Water String	100					18,000
Surface Casing	CONTROL TO SERVE		1			73,000
	SHIPPING TO SELECT		1			
Intermediate Casing 1		Constitution of the consti	1			408,000
Production Casing or Liner	The salvator of					145,000
Tubing			PCOMT.105		0	83,000
Wellhead, Tree, Chokes		according to the second	PCOMT.120	Welded hairpin	10,000	104,000
Liner Hanger, Isolation Packer						55,000
Packer, Nipples	CONTROL SALE		PCOMT.400		0	28,000
SHORT ORDERS	CONT.380	7,6			3	7,606
PUMPS						
	CONT.385	11,9			10000	11,915
WALKOVERS	CONT.390	2,5				2,536
Downhole Lift Equipment			PCOMT.410		0	80,000
N/C Lease Equipment	CONT.400	222,4	73			222,473
Battery Equipment	CONT.410	161,5				161,500
Secondary Containments	CONT.415	14,4				14,451
Facility Electrical	CONT.425				-	11,409
	CONT.426	11,4			THE PERSON	
Telecommunication Equipment			30			380
Meters and Metering Equipment	CONT.445	45,2				45,255
Facility Line Pipe	CONT.450	44,3	88			44,368
Lease Automation Materials	CONT.455	44,3	8		1000	44,368
FL/GL - Materials	CONT.550	37,0				37,015
FL/GL - Line Pipe	CONT.555	77,7			1704	77,707
					10,000	1,682,984
Total Tangible Cost		680.9	2.4			

COTERRA	Authorization For Expenditure	Drilling		AFE # 26821005
Company Entity				Date Prepared 4/6/2022
Exploration Region Permian Basin	Well Name RIVERBEND 12-13 FEDERAL COM 2H	Prospect Carlsbad Bone Spring Prospec	Property Number 300001-173.01	AFE 26821005
County, State Eddy, NM	Location E/2 of Section 12 & 13, Township 25 S County, NM	South, Range 28 East, Eddy	Estimated Spud 10/1/2020	Estimated Completion 11/1/2020
X New Supplement Revision	Formation Wolfcamp	Well Type DEV	Ttl Measured Depth 19,749	Ttl Vetical Depth 9,789
Purpose Drill and co	mplete well			

Description

Drilling Drill and complete a horizontal test. Drill to 440', set water string casing. Drill to 2635', set surface casing. Drill to 9465' (KOP). Drill curve at 12°/100' initial build rate to +/- 75 degrees and set casing at +/- 10090' MD. Finish curve at +/- 4°/100' to +/- 9980' TVD and drill a +/- 10710' long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac.Drill out plugs.

Total Well Cost	\$2,569,000	\$6,561,000	\$9,130,000
Total Tangible Cost	\$545,000	\$1,137,984	\$1,682,984
Lease Equipment		\$680,984	\$680,984
Well Equipment	\$545,000	\$457,000	\$1,002,000
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Total Intangible Cost	\$2,024,000	\$5,423,016	\$7,447,016
Completion Costs		\$5,423,016	\$5,423,016
Drilling Costs	\$2,024,000		\$2,024,000
Intangible	Dry Hole	After Casing Point	Completed Well Cost

### 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.

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

4/6/2022

### COM 2H COM 2H COM 2H COM 2H

		Drilling		Drilling		)/Stim		ion Equip	Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
Roads & Location	DIDC.100	125,000			STIM.100	10,000	CON.100	19,395	PCOM.100	10,000	164,39
Damages	DIDC.105	30,000					CON.105	5,450			35,45
Mud/Fluids Disposal	DIDC.255	125,000			STIM.255	53,000			PCOM.255	168,000	346,000
Day Rate	DIDC.115	350,000	DICC.120	60,000							410,000
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	42,000	DICC.130	0		a super a super			PCOM.130	0	42,000
Water for Drilling Rig (Not Frac Water)	DIDC 140	25,000	DICC.135	0	STIM.135	20,000			PCOM.135	0	45,000
Mud & Additives	DIDC 145	150,000				20,000			10000	Service !	150,000
Surface Rentals	DIDC.150	92,000	DICC.140	0	STIM.140	132,000	CON.140	3,296	PCOM.140	45,000	272,296
Downhole Rentals	DIDC.155	81,000	DICC.140	U	STIM 145	35,000	CO14.140	3,290	PCOM.145	43,000	116,000
Flowback Labor	DIDC.133	81,000			STIM.141				PCOM.141		55,000
					31IM.141	0	CON.150		PCOM.141	55,000	
Automation Labor							CON.150	48,171	PCOM.150	0	48,171
Mud Logging	DIDC.170	21,000									21,000
IPC & EXTERNAL PAINTING							CON.165	13,691	2000	-	13,691
Cementing & Float Equipment	DIDC.185	120,000	DICC.155	55,000							175,000
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	196,867	PCOM.170	0	234,867
Trucking/Transportation	DIDC 205	18.000	DICC 175	8,000	STIM.175	4.000	CON.175	7,099	PCOM.175	0	37,099
Supervision	DIDC 210	70,000	DICC 180	9.000	STIM.180	45,000	CON.180	25,100	PCOM.180	0	149,100
Supervision Trailer House/Camp/Catering	DIDC 280		DICC 255	-1	STIM.180		CO14.100	25,100	, 60,71,100	U	66,000
		38,000		5,000		23,000	2011402	40.4	DCOLL 100		
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	79,000	CON.190	15,466	PCOM.190	0	99,466
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000
MOB/DEMOB	DIDC.240	110,000							108		110,000
Directional Drilling Services	DIDC.245	218,000									218,000
Solids Control	DIDC 260	44,000							1000	-	44,000
Well Control Equip (Snubbing Services)	DIDC 265	74,000	DICC.240	5,000	STIM.240	59.000			PCOM.240	0	138,000
Completion Rig		7 4,000		3,000	STIM.115	21,000			PCOM.115	0	21,000
Coil Tubing Services					STIM.260				PCOM.260	0	164.000
					STIM.200	164,000			PCOM.200	0	253,000
Completion Logging/Perforating/Wireline						253,000			PCOM.200 PCOM.390	0	
Composite Plugs					STIM.390	41,000				-	41,000
Stimulation Pumping/Chemicals/Additives/Sand					STIM.210	2,809,000			PCOM.210	8,000	2,817,000
Stimulation Water/Water Transfer/Water Storage					STIM.395	157,000					157,000
Cimarex Owned Frac/Rental Equipment					STIM.305	60,000			PCOM.305	60,000	120,000
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	26,621			26,621
FL/GL - ON PAD LABOR							CON.495	65,411			65,411
FL/GL - Labor							CON.500	134,499			134,499
FL/GL - Supervision						Killer Santa	CON.505	28,016	100000000000000000000000000000000000000	SH PARTIES	28,016
Survey							CON.515	2,662			2,662
Contingency	DIDC.435	84,000	DICC220	9,000	STIM.220	198,000	CON.220	92,158	PCOM.220	0	383,158
Contingency							CON.221	35,114			35,114
Total Intangible Cost		2,024,000		191,000		4,167,000		719,016		346,000	7,447,016
Conductor Pipe	DWEB.130	8,000									8,000
Water String	DWEB.135	18,000									18,000
Surface Casing	DWEB.140	73,000									73,000
Intermediate Casing 1	DWEB.145	408,000							- PRESIDENCE	COLUMN TO SERVICE STATE OF THE PARTY OF THE	408,000
	21160.143	400,000	DWEA.100	145.000		ematente di			Supplied		145,000
Production Casing or Liner			DIVERTOO	145,000	STIMT.105	07.0	- Intelligence		PCOMT.105	0	83,000
Tubing		2000000				83,000				-	
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	55,000							55,000
Packer, Nipples					STIMT.400	28,000			PCOMT.400	0	28,000
SHORT ORDERS							CONT.380	7,606			7,606
PUMPS							CONT.385	11,915	10000		11,915
WALKOVERS							CONT.390	2,536			2,536
Downhole Lift Equipment					STIMT.410	80,000	E 1124 E D.	2,550	PCOMT.410	0	80,000
N/C Lease Equipment						60,000	CONT.400	222,473			222,473
					organism a proc		CONT.410				
Battery Equipment							- Prince and State	161,500		2.10	161,500
Secondary Containments							CONT.415	14,451			14,451
Facility Electrical	953A				CO.		CONT.425	11,409	Section 1		11,409
Telecommunication Equipment							CONT.426	380			380
Meters and Metering Equipment							CONT.445	45,255	1000		45,255
Facility Line Pipe	area or Property and Add				100000000000000000000000000000000000000		CONT.450	44,368			44,368
Lease Automation Materials	100000000000000000000000000000000000000						CONT.455	44,368	Line man		44,368
	1222000000				Adding Street		CONT.550	37,015	SERVED P.		37,015
								37,015			37,013
FL/GL - Materials							CONTERE	7770		TWO IS NOT THE	77 70
FL/GL - Materials FL/GL - Line Pipe Total Tangible Cost		545.000		218,000	Birth 1	229.000	CONT.555	77,707 680,984	3.00	10,000	77,707 1,682,984

### COM 2H COM 2H COM 2H COM 2H

		BCP - Drilling			ACP - Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amount	Codes		Amoun
Roads & Location	DIDC.100		125,000				STIM.100	CON.100	10,000
Damages	DIDC.105		30,000						
Mud/Fluids Disposal	DIDC.255		125,000			ACCUSE FOR	STIM.255		53,000
Day Rate	DIDC.115	DICC 120	350,000	DICC.120		60,000			
Misc Preparation	DIDC.120	DICC.120	20,000	DICC.120		00,000			ra lasersares
		BOOK SECTION AND ADDRESS OF THE PARTY OF THE		DISCARE		I STATE OF	STIM.125		0
Bits	DIDC 125		62,000		STIM.125	0	SHM.125		0
Fuel	DIDC 135	DICC.130	42,000			0			
Water for Drilling Rig (Not Frac Water)	DIDC 140	DICC.135	25,000	DICC.135	STIM.135	0	STIM.135		20,000
Mud & Additives	DIDC.145		150,000						
Surface Rentals	DIDC.150	DICC.140	92,000	DICC.140	STIM.140	0	STIM.140	CON.140	132,000
Downhole Rentals	DIDC.155		81,000			The same	STIM.145		35,000
Flowback Labor	Too you not be			NO PARTIE AND ADDRESS OF THE PARTIES.			STIM.141		0
Automation Labor	discount of		discount of the			and the same			OF STREET, STR
Mud Logging	DIDC 170		21,000			1000000			NO AND PARTY OF
	DIDCITO		21,000						IT HUURENSE
IPC & EXTERNAL PAINTING						N. Peter Street			
Cementing & Float Equipment	DIDC 185	DICC.155	120,000			55,000			-
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		STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	70,000		STIM.180	9,000	STIM.180	CON.180	45,000
Trailer House/Camp/Catering	DIDC 280	DICC 255	38,000		STIM.280	5,000	STIM.280		23,000
Other Misc Expenses	DIDC 220	DICC 190	5,000		STIM.190	3,000	STIM.190	CON.190	79,000
		DICC.195		CO.	31111,130		211111.130		, 5,000
Overhead	DIDC 225	DICC.195	10,000	DICC. 195		5,000			diam'r.
MOB/DEMOB	DIDC.240		110,000	T. I SHOW					THE REAL PROPERTY.
Directional Drilling Services	DIDC.245		218,000						
Solids Control	DIDC.260		44,000						1000000
Well Control Equip (Snubbing Services)	DIDC.265	DICC.240	74,000	DICC.240	STIM.240	5,000	STIM.240		59,000
Completion Rig							STIM.115		21,000
Coil Tubing Services							STIM.260		164,000
Completion Logging/Perforating/Wireline						100000	STIM.200		253,000
Composite Plugs	STATE OF THE PARTY			-			STIM.390		41,000
Stimulation	100000000000000000000000000000000000000						STIM.210		2,809,000
Stimulation Water/Water Transfer/Water	1,0000		The same			1500000	STIM.395		157,000
Cimarex Owned Frac/Rental Equipment						10000	STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						- P375
Major Construction Overhead									
FL/GL - ON PAD LABOR			1000						
FL/GL - Labor									
FL/GL - Supervision						10000			
Survey	To Same			The state of					1000000
	DIDC.435	DICC 220	24000	DICC 220	STIM.220	0.000	STIM.220	CON.220	198,000
Contingency	DIDC.433	DICC.220	84,000	DICCEZO	31IW.220	9,000	31111.220	COIV.ZZU	198,000
Contingency									
Total Intangible Cost			2,024,000		-	191,000			4,167,000
Conductor Pipe	DWEB.130		8,000			The state of			II LEVEL
Water String	DWEB.135		18,000						
Surface Casing	DWEB.140		73,000						
Intermediate Casing 1	DWEB.145		408,000						
Production Casing or Liner	F 2017		S SERVICE	DWEA.100		145,000			No. of Lot, House, etc., in case, the same of the same
Tubing	-		100000000000000000000000000000000000000	recurrepail (place	The second secon	13,000	STIMT.105		83,000
Wellhead, Tree, Chokes	DW/ER 115	DWEA.120	38,000	DWFA 120	STIMT.120	18,000	STIMT.120		38,000
		DWEA.125		DWEA.125	STIMIT. TEV		511111.120		30,000
Liner Hanger, Isolation Packer	DWEB. 100	DWEATES	0	DWEA. 125		55,000	CTIL (T 10-		20.000
Packer, Nipples	(C. 30)		11/20				STIMT.400		28,000
SHORT ORDERS									
PUMPS						6 2 3			Q7 An Vice
WALKOVERS			1						
Downhole Lift Equipment	WHEN THE					NEW PROPERTY.	STIMT.410		80,000
N/C Lease Equipment			The state of the s		THE RESERVE OF THE PARTY OF THE				
Battery Equipment	Committee of		100						
Secondary Containments	ABOURTE T					- CONTRACTOR (12)			100000000000000000000000000000000000000
Facility Electrical	-		1	LACRESCO III					14 100 100 100
	SEPTEMBER .		ALCO DE			A STATE OF THE PARTY OF			0.000
Telecommunication Equipment			1						
Meters and Metering Equipment	Marie 1								O DESCRIPTION
Facility Line Pipe									
Lease Automation Materials	SHEET ST								
Ecase Flotoriation materials			1						
FL/GL - Materials						1			
			E LUCINITE			1000000			digram and
FL/GL - Materials			545,000			218,000		RGMS-VEST	229,000

### COM 2H Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 2H

Description Roads & Location Damages Mud/Fluids Disposal Day Rate	Codes CON.100	Production Equip	Amount	Codes	Post Completion	Amount	Cos
Roads & Location Darnages Mud/Fluids Disposal	CON.100						
Damages Mud/Fluids Disposal	CONTROL		19,395	PCOM.100	Road Repair	10,000	164,39
Mud/Fluids Disposal	CON.105		5,450				35,45
				PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	346,000
Ouy Nate			THE REAL PROPERTY.				410,000
Misc Preparation							20,000
Bits				PCOM.125		0	62,000
				PCOM.130		0	42,000
Fuel			Take mi	PCOM.135		0	45,000
Water for Drilling Rig (Not Frac Water)				PCOM.135		U	
Mud & Additives						20.00	150,000
Surface Rentals	CON.140		3,296	PCOM.140	\$1500/day for anticipated 30 days	45,000	272,296
Downhole Rentals			33 311	PCOM.145		0	116,000
Flowback Labor				PCOM.141	\$2200/day for anticipated 15 days	55,000	55,000
Automation Labor	CON.150		48,171	PCOM.150		0	48,17
Mud Logging							21,000
IPC & EXTERNAL PAINTING	CON.165		13,691				13,69
Cementing & Float Equipment							175,000
Tubular Inspections			Calleran	PCOM.160		0	64,000
Casing Crews			EEBH V				30,000
Mechanical Labor	CON.170		106.067	PCOM.170		0	234,867
			196,867				37,099
Trucking/Transportation	CON.175		7,099	PCOM.175		0	
Supervision	CON.180		25,100	PCOM.180		0	149,100
Trailer House/Camp/Catering							66,000
Other Misc Expenses	CON.190		15,466	PCOM.190		0	99,466
Overhead							15,000
MOB/DEMOB			e e la la constante				110,000
Directional Drilling Services							218,000
Solids Control							44,000
			200000000000000000000000000000000000000	PCOM.240		0	138,000
Well Control Equip (Snubbing Services)				PCOM.115		0	21,000
Completion Rig							
Coil Tubing Services				PCOM.260		0	164,000
Completion Logging/Perforating/Wireline				PCOM.200		0	253,000
Composite Plugs				PCOM.390		0	41,000
Stimulation Pumping/Chemicals/Additives/Sand			32 10 11	PCOM.210	Initial chemical setup	8,000	2,817,000
Stimulation Water/Water Transfer/Water							157,000
Cimarex Owned Frac/Rental Equipment				PCOM.305	XEC Owned Sand Separator 40k, 3" Iron for	60,000	120,000
Legal/Regulatory/Curative	CON.300		0				10,000
Well Control Insurance							7,000
Major Construction Overhead	CON.305		26,621				26,621
	CON.495						
FL/GL - ON PAD LABOR			65,411				65,411
FL/GL - Labor	CON.500		134,499				134,499
FL/GL - Supervision	CON.505		28,016			16111110	28,016
Survey	CON.515		2,662				2,662
Contingency	CON.220		92,158	PCOM.220		0	383,158
Contingency	CON.221		35,114				35,114
Total Intangible Cost			719,016	-		346,000	7,447,016
Conductor Pipe			115,616	TOTAL SECTION			8,000
Water String			The Manual Co.				18,000
			Substitution of				73,000
Surface Casing						and the same of	
Intermediate Casing 1							408,000
Production Casing or Liner							145,000
Tubing				PCOMT.105		0	83,000
Wellhead, Tree, Chokes			(S)	PCOMT.120	Welded hairpin	10,000	104,000
Liner Hanger, Isolation Packer							55,000
Packer, Nipples				PCOMT.400		0	28,000
SHORT ORDERS	CONT.380		7,606				7,606
PUMPS	CONT.385		11,915			or one party	11,915
WALKOVERS	CONT.390					SE SECUMINE	2,536
Downhole Lift Equipment	CO141.330		2,536	PCOMT.410		0	80,000
	CONT. 400		1950	FCOM1.410		0	
N/C Lease Equipment	CONT.400		222,473				222,473
Battery Equipment	CONT.410		161,500			STREET, STREET	161,500
Secondary Containments	CONT.415		14,451				14,451
Facility Electrical	CONT.425		11,409				11,409
Telecommunication Equipment	CONT.426		380				380
Meters and Metering Equipment	CONT.445		45,255				45,255
Facility Line Pipe	CONT.450	The Paris of the State of the S	44,368			THE RESIDENCE OF	44,36
Lease Automation Materials	CONT.455						44,36
FL/GL - Materials	CONT.550		44,368				
			37,015				37,015
FL/GL - Line Pipe	CONT.555		77,707				77,70
Total Tangible Cost Total Estimated Cost			680,984			10,000 356,000	1,682,984 9,130,000

COTERRA	Authorization For Expenditure	Drilling		AFE # 26821006
Company Entity				Date Prepared 4/6/2022
Exploration Region Permian Basin	Well Name RIVERBEND 12-13 FEDERAL COM 19	Prospect H Carlsbad Bone Spring Prospect	Property Number 300001-174.01	AFE 26821006
County, State Eddy, NM	Location E/2 OF SECTIONS 12 & 13, TOWNSH EAST, EDDY COUNTY, NM	HIP 25 SOUTH, RANGE 28	Estimated Spud 10/1/2020	Estimated Completion 11/1/2020
X New Supplement Revision	Formation Wolfcamp	Well Type T DEV	tl Measured Depth 19,996	Ttl Vetical Depth 9,778

### Description

Drill and complete a horizontal test. Drill to 435' set surface casing. Drill to 2635' set intermediate casing. Drill to 7937' (KOP). Drill curve at 12°/100' initial build rate to +/- 90 degrees and 8410' TVD and drill a +/- 11220' long lateral in the Bone Spring formation. Run and cement production casing. Stage frac in stages. Drill out plugs.

Total Well Cost	\$3,239,000	\$6,035,335	\$9,274,335
Total Tangible Cost	\$419,000	\$1,001,667	\$1,420,667
Lease Equipment		\$447,667	\$447,667
Well Equipment	\$419,000	\$554,000	\$973,000
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Total Intangible Cost	\$2,820,000	\$5,033,668	\$7,853,668
Completion Costs		\$5,033,668	\$5,033,668
Drilling Costs	\$2,820,000		\$2,820,000
Intangible	Dry Hole	After Casing Point	Completed Well Cost

### 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.

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.

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

4/6/2022

### COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 19H

		Drilling		Drilling		o/Stim		on Equip		npletion	Total Co
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount		Amount	
toads & Location	DIDC.100	50,000			STIM.100	10,000	CON.100	12,750	PCOM.100	10,000	82,7
Damages :	DIDC.105	6,000					CON.105	3,583		1	9,5
Aud/Fluids Disposal	DIDC.255	160,000			STIM 255	62,000			PCOM 255	168,000	390,0
Day Rate	DIDC.115	550,000	DICC120	88,000						1	638,0
Aisc Preparation	DIDC.120		DICEIL	00,000							35,0
	DIDC.125	35,000	DICC.125	_1		_			PCOM.125		
Bits		75,000		0	STIM.125	0				U,	75,0
Fuel	DIDC.135	57,000	DICC130	0					PCOM.130	0,	57,0
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0	STIM.135	24,000			PCOM.135	o',	29,0
Mud & Additives	DIDC.145	250,000									250,0
Surface Rentals	DIDC.150	119,000	DICC.140	o	STIM.140	189,000	CON.140	2,167	PCOM.140	45,000	355,1
Downhole Rentals	DIDC.155			· ·	STIM.145			2,101	PCOM.145	13,000	168,0
	DIDC.133	168,000				0			PCOM.141		
Flowback Labor					STIM.141	0	i			55,000	55,0
Automation Labor							CON.150	31,667	PCOM.150	o,	31,6
Mud Logging	DIDC.170	29,000				.					29,0
PC & EXTERNAL PAINTING							CON.165	9,000		1	9,0
Cementing & Float Equipment	DIDC.185	145,000	DICC.155	63,000			i	-,			208.0
Tubular Inspections	DIDC 190		DICC.160		STIM.160	4.000	1		PCOM.160	o <sup>l</sup>	59,0
•	0.000	50,000		5,000		4,000	- 1		recon.ico	ď	
Casing Crews	DIDC.195	20,000	DICC.165	13,000	STIM.165	0				J	33,0
Mechanical Labor	DIDC.200	20,000	DICC.170	10,000	STIM.170	0	CON.170	129,417		0	159,4
Trucking/Transportation	DIDC.205	25,000	DICC.175	8,000	STIM.175	4,000	CON.175	4,667	PCOM.175	o!	41,6
Supervision	DIDC.210	102,000	DICC.180	14,000	STIM.180	74,000	CON.180	16,500	PCOM.180	o <sup>t</sup>	206,5
Frailer House/Camp/Catering	DIDC280	51,000	DICC.255	6,000	STIM 280	55,000		.0,500		٦	112,0
				-,			CON 100	40 457	DC014100	a <sup>l</sup>	
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	0	CON.190	10,167	PCOM.190	o <sub>i</sub>	15,1
Overhead	DIDC.225	10,000	DICC.195	5,000							15,0
MOB/DEMOB	DIDC.240	50,000								i	50,0
Directional Drilling Services	DIDC.245	479,000				1				1	479,0
Solids Control	DIDC 260	104,000								1	104,0
Well Control Equip (Snubbing Services)	DIDC.265	104,000	DICC240	5,000	STIM.240	81,000			PCOM 240	ام	190,0
	DIDC203	104,000	DICC240	5,000			i			2	
Completion Rig		1			STIM.115	21,000			PCOM.115	0	21,0
Coil Tubing Services		1			STIM.260	222,000	İ		PCOM 260	o;	222,0
Completion Logging/Perforating/Wireline					STIM.200	365,000			PCOM.200	0,	365,0
Composite Plugs		1			STIM.390	96,000	1		PCOM.390	o)	96,0
Stimulation Pumping/Chemicals/Additives/Sand		1			STIM.210	2,340,000			PCOM.210	o	2.340.0
Stimulation Water/Water Transfer/Water Storage	1				STIM.395					1	229,0
= 1	i				STIM.305	229,000			PCOM.305	70.000	
Cimarex Owned Frac/Rental Equipment					311M.3U3	O,		_	PCO-VI.303	79,000	79,0
Legal/Regulatory/Curative	DIDC.300	10,000				1	CON.300	0		1	10,0
Well Control Insurance	DIDC.285	7,000	;							1	7,0
Major Construction Overhead						1	CON.305	17,500		1	17,5
FL/GL - ON PAD LABOR	1	)				- 1	CON.495	43,000		1	43,0
FL/GL - Labor		1		i		- 1	CON.500	88,417		1	88,4
FL/GL - Supervision						1	CON.505			1	18,4
	,	- 1						18,417		1	
Survey							CON.515	1,750		1	1,7
Contingency	DIDC.435	134,000	DICC.220	11,000	STIM.220	189,000	CON.220	60,583	PCOM.220	11,000	405,5
Contingency		- 1				1	CON.221	23,083		- 1	23,0
Yotal Intangible Cost		2,820,000		228,000		3,965,000		472,668	1	368,000	7,853,6
Water String	DWEB.135	15,000				2,202,000	!				15,0
										i	
Surface Casing	DWEB.140	66,000		Į		1			1	1	66,0
ntermediate Casing 1	DWEB.145	322,000				1				1	322,0
Production Casing or Liner			DWEA.100	195,000		I				1	195,0
Tubing .		- 1		į	STIMT.10S	75,000	1		PCOMT.105	o!	75,0
Wellhead, Tree, Chokes	DWEB.115	16,000	DWEA.120	18,000	STIMT.120	50,000	1		PCOMT.120	10,000	94.0
Liner Hanger, Isolation Packer	DWEB.100	10,000	DWEA.125	98,000		30,000				.0,000	98,0
	J.1.Ca.100	U	J.,	20,000	CT1147 45-		j		PCOMT 400	ا	
Packer, Nipples					STIMT.400	28,000			PCUMI.400	o¦	28,0
SHORT ORDERS							CONT.380	5,000		1	5,0
PUMPS						- 1	CONT385	7,833	1	1	7,8
WALKOVERS						1	CONT390	1,667	!	1	1,6
Downhole Lift Equipment					STIMT.410	80.000	İ	.,	PCOMT.410	o!	80.0
N/C Lease Equipment		1				50,000	CONTA00	146,250		٦	146,2
		1		1		1				ı	
Sattery Equipment		1					CONT410	106,167		1	106,1
Secondary Containments						- 1	CONTA15	9,500	i	ı	9,5
acility Electrical						- 1	CONTA25	7,500		1	7,5
Telecommunication Equipment						1	CONTA26	250		1	2
Meters and Metering Equipment						i	CONT.445	29,750		1	29,7
										1	
acility Line Pipe							CONT.450	29,167		1	29,1
ease Automation Materials		- 1				1	CONTASS	29,167		1	29,1
		- 1					CONT.550	24,333		1	24,3
FL/GL - Materials											
						ì	CONT-555	51 022	1	1	510
L/GL - Materials L/GL - Line Pipe Total Tangible Cost		419.000		311,000		233,000	CONT.555	51,083 447,667		10.000	51,0 1,420,6

### COM 19H COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 19H

		BCP - Drilling			ACP - Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amount	Codes		Amour
Roads & Location	DIDC.100		50,000				STIM.100		10,00
Damages	DIDC.105		6,000						
Mud/Fluids Disposal	DIDC.255		160,000				STIM.255		62,00
Day Rate	DIDC.115	24 days at \$22,000/day	550,000	DICC.120	4 days at \$22,000/day	88,000			
Misc Preparation	DIDC 120	L. Jayout Valajassiyasiy	35,000		,	00,000			
Bits	DIDC 125		75,000	DICC.125	Think the I street	0	STIM 125		1
	DIDC 135	1,300 gal/day at \$1.50/gal				0	Jiiii.ies		
Fuel		1,300 gai/day at \$1.50/gai	57,000				STIM.135		24,000
Water for Drilling Rig (Not Frac Water)	DIDC 140		5,000	DICC.135		0	21IM.133		24,000
Mud & Additives	DIDC.145		250,000						
Surface Rentals	DIDC.150	Per Day (BCP)/day	119,000	DICC.140		0	STIM.140		189,000
Downhole Rentals	DIDC.155		168,000				STIM.145		(
Flowback Labor							STIM.141		1
Automation Labor									
Mud Logging	DIDC.170	20 days at \$1,200/day	29,000						
IPC & EXTERNAL PAINTING	- 17 01								
Cementing & Float Equipment	DIDC 185		145,000	DICC.155		63,000			
Tubular Inspections	DIDC 190		50,000		ATT RESERVED THE	5,000	STIM.160		4,000
	DIDC.195					13,000	STIM.165		1,000
Casing Crews	DIDC.195		20,000				STIM.170		
Mechanical Labor			20,000			10,000			4,000
Trucking/Transportation	DIDC.205		25,000			8,000	STIM.175		
Supervision	DIDC.210		102,000			14,000	STIM.180		74,000
Trailer House/Camp/Catering	DIDC.280		51,000			6,000	STIM.280		55,000
Other Misc Expenses	DIDC 220		5,000			0	STIM.190		
Overhead	DIDC 225		10,000			5,000			
MOB/DEMOB	DIDC 240		50,000		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s				
Directional Drilling Services	DIDC.245		479,000						
Solids Control	DIDC 260		104,000						
	DIDC.265				The second second	E 000	STIM.240		81,000
Well Control Equip (Snubbing Services)	DIDC.265		104,000	DICC.240		5,000	STIM.115		
Completion Rig									21,000
Coil Tubing Services							STIM.260		222,000
Completion Logging/Perforating/Wireline							STIM.200		365,000
Composite Plugs							STIM.390		96,000
Stimulation							STIM.210		2,340,000
Stimulation Water/Water Transfer/Water							STIM.395		229,000
Cimarex Owned Frac/Rental Equipment	GRIDE			SINGH			STIM.305		
Legal/Regulatory/Curative	DIDC.300		10,000		Service of the State of the				
Well Control Insurance	DIDC.285	\$0.35/ft							asserby.
Major Construction Overhead	DIDCLEOS	\$0.33/11	7,000	2000					
FL/GL - ON PAD LABOR									The state of
FL/GL - Labor									
FL/GL - Supervision									100
Survey									
Contingency	DIDC.435	500 % of Drilling Intangibles	134,000	DICC 220		11,000	STIM.220		189,000
Contingency	a secondary Libertus								
Total Intangible Cost			2,820,000			228,000			3,965,000
Water String	DWEB.135		15,000		127	220,000			2,100,00
Surface Casing	DWEB 140	9 5/8" - 2,635ft at \$25.00/ft	66,000			September 1			THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P
	DWEB.140					No. of Concessions			1,000
Intermediate Casing 1	DWEB.145	7" - 9,930ft at \$30.00/ft	322,000						-
Production Casing or Liner				DWEA 100	4 1/2" - 13,020ft at \$15.00/ft	195,000			
Tubing							STIMT.105	3-1/2** - 8,300ft at \$9.00/ft	75,000
Wellhead, Tree, Chokes	DWEB.115			DWEA.120		18,000	STIMT.120		50,000
Liner Hanger, Isolation Packer	DWEB.100		0	DWEA.125		98,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS	TO SEE LAND		1 100	0.00		33570			- STITING
PUMPS	and the second			1		111111111111111111111111111111111111111			THURSDAY.
WALKOVERS	CHICAGO III			100000		t rain n			
							STIMT.410		00.00
Downhole Lift Equipment							5HM1.410		80,000
N/C Lease Equipment	100-25-0		1	40.00		AUT PLAN		Let he have general	10000
Battery Equipment									
Secondary Containments									
Facility Electrical									
Telecommunication Equipment				1301310		56,0767			15 70 350
Meters and Metering Equipment	1				The second second second				across (2) (t)
Facility Line Pipe	PARTIES NAMED IN		1770 0 (0)	STRUMBURY	The State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the S	discussion.			ASSESSED NO.
	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Sales and Branch				26.			10000
Lease Automation Materials		Inches and the second			ALCOHOLDS IN CONTRACTOR	40.000			CONTRACT IN
FL/GL - Materials	ATTENDED IN			-00					1455
FL/GL - Line Pipe									
Total Tangible Cost			419,000			311,000			233,00
			3,239,000			539,000			4,198,000

### COM 19H COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 19H

		Production Equip			Post Completion	The sales	Total
Description	Codes		Amount	Codes		Amount	Co
Roads & Location	CON.100		12,750	PCOM.100	Road Repair	10,000	82,7
Damages	CON.105		3,583			,	9.5
	CO14.103		3,303	PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	390,0
Mud/Fluids Disposal			1	PCOM.255	4,000 BWFD for 60 Days @ \$0.70/001	160,000	
Day Rate							638,0
Misc Preparation							35,00
Bits				PCOM.125		0	75,00
Fuel			1220	PCOM.130		0	57,00
Water for Drilling Rig (Not Frac Water)				PCOM.135		0	29,00
Mud & Additives				r COIVI.133			250,00
Surface Rentals	CON.140		2,167	PCOM.140	\$1500/day for anticipated 30 days	45,000	355,16
Downhole Rentals				PCOM.145		0	168,00
Flowback Labor				PCOM.141	\$2200/day for anticipated 15 days	55,000	55,00
Automation Labor	CON.150		31,667	PCOM.150		0	31,66
Mud Logging	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s		31,007				29,00
	CON 165						
IPC & EXTERNAL PAINTING	CON.165		9,000				9,00
Cementing & Float Equipment							208,00
Tubular Inspections			de se	PCOM.160		0	59,00
Casing Crews							33,00
Mechanical Labor	CON.170		129.417	PCOM.170		0	159,41
			1			0	
Trucking/Transportation	CON.175		4,667	PCOM.175			41,66
Supervision	CON.180		16,500	PCOM.180		0	206,50
Trailer House/Camp/Catering							112,00
Other Misc Expenses	CON.190		10,167	PCOM.190		0	15,16
Overhead			10,101				15,00
MOB/DEMOB							50,00
Directional Drilling Services							479,00
Solids Control						1000	104,00
Well Control Equip (Snubbing Services)				PCOM.240		0	190,00
Completion Rig			100	PCOM.115		0	21,00
Coil Tubing Services	The State of the State of			PCOM.260		0	222,00
	distribution of the same			PCOM.200		0	
Completion Logging/Perforating/Wireline							365,00
Composite Plugs				PCOM.390		0	96,00
Stimulation Pumping/Chemicals/Additives/Sand				PCOM.210		0	2,340,00
Stimulation Water/Water Transfer/Water							229,00
Cimarex Owned Frac/Rental Equipment				PCOM.305	XEC Owned Sand Separator, 3" Iron for Texas	79,000	79,00
Legal/Regulatory/Curative	CON.300		0		Market Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the		10,00
	CONSO		0				7,00
Well Control Insurance						and a second	
Major Construction Overhead	CON.305		17,500				17,50
FL/GL - ON PAD LABOR	CON.495		43,000				43,00
FL/GL - Labor	CON.500		88,417				88,41
FL/GL - Supervision	CON.505		18,417			4 4 1 1	18,41
Survey	CON.515						1,75
			1,750		100	44.000	
Contingency	CON.220		60,583	PCOM.220	10%	11,000	405,58
Contingency	CON.221		23,083			1	23,08
Total Intangible Cost			472,668			368,000	7,853,66
Water String							15,00
Surface Casing							66,00
Intermediate Casing 1							322,00
			10.00				
Production Casing or Liner							195,00
Tubing			1.52 11 11	PCOMT.105		0	75,00
Wellhead, Tree, Chokes				PCOMT.120	Welded hairpin	10,000	94,00
Liner Hanger, Isolation Packer						100	98,00
Packer, Nipples			-	PCOMT.400		0	28,00
SHORT ORDERS	CONT.380			. 20.41.400		3	5,00
			5,000				
PUMPS	CONT.385		7,833				7,83
WALKOVERS	CONT.390		1,667				1,66
Downhole Lift Equipment				PCOMT.410		0	80,00
N/C Lease Equipment	CONT.400		146,250				146,25
Battery Equipment	CONT.410		106,167				106,16
Secondary Containments	CONT.415		9,500	eden and	restablished and restablished to		9,50
Facility Electrical	CONT.425		7,500				7,50
Telecommunication Equipment	CONT.426		250				25
Meters and Metering Equipment	CONT.445		29,750				29,75
Facility Line Pipe	CONT.450		29,167			-	29,16
Lease Automation Materials	CONT.455						29,16
			29,167			-0.00	
FL/GL - Materials	CONT.550		24,333				24,33
FL/GL - Line Pipe	CONT.555		51,083				51,08
Total Tangible Cost			447,667			10,000	1,420,66
Total Estimated Cost			920,335			378,000	9,274,33

COTERRA A	Authorization For Expenditure	Drilling		AFE # 26821007
Company Entity				Date Prepared 4/6/2022
Exploration Region Permian Basin	Well Name RIVERBEND 12-13 FEDERAL COM 20H	Prospect H Carlsbad Bone Spring Prospect	Property Number 300001-175.01	AFE 26821007
County, State Eddy, NM	Location E/2 OF SECTIONS 12 & 13, TOWNSHI EAST, EDDY COUNTY, NM	P 25 SOUTH, RANGE 28	Estimated Spud 10/1/2020	Estimated Completion 11/1/2020
X New Supplement Revision	Formation Wolfcamp	Well Type T <b>DEV</b>	tl Measured Depth 20,651	Ttl Vetical Depth 9,714

### Description

Drill and complete a horizontal test. Drill to 440', set water string casing. Drill to 2635', set surface casing. Drill to 9465' (KOP). Drill curve at 12°/100' initial build rate to +/- 75 degrees and set casing at +/- 10090' MD. Finish curve at +/- 4°/100' to +/- 9980' TVD and drill a +/- 10710' long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac.Drill out plugs.

Total Well Cost	\$3,239,000	\$6.034.335	\$9,273,335
Total Tangible Cost	\$427,000	\$1,000,667	\$1,427,667
Lease Equipment		\$447,667	\$447,667
Well Equipment	\$427,000	\$553,000	\$980,000
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Total Intangible Cost	\$2,812,000	\$5,033,668	\$7,845,668
Completion Costs		\$5,033,668	\$5,033,668
Drilling Costs	\$2,812,000		\$2,812,000
Intangible	Dry Hole	After Casing Point	Completed Well Cost

### 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.

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 contra

### 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.

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

4/6/2022

### COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 20H

		Drilling		Drilling		p/Stim	Production		Post Cor		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
Roads & Location	DIDC.100	50,000			STIM.100	10,000	CON.100	12,750	PCOM.100	10,000	82,75
Damages	DIDC.105	6,000					CON.105	3,583			9,58
Mud/Fluids Disposal	DIDC.255	160,000			STIM.255	62,000			PCOM.255	168,000	390,00
Day Rate	DIDC 115	550,000	DICC 120	88.000						THE REAL PROPERTY.	638,000
Misc Preparation	DIDC.120	35,000		00,000					1000	7. 3. 5. 7. 6	35,000
Rits	DIDC.125		DICC.125	0	STIM.125	0			PCOM.125	0	75,00
	DIDC.135	75,000	DICC 130	0	311141.123	U			PCOM.130	0	57,00
Fuel		57,000	DICC.135		STIM 135				PCOM.135	0	29,00
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0	SHM.135	24,000			PCOM.135	0	
Mud & Additives	DIDC.145	250,000									250,000
Surface Rentals	DIDC.150	119,000	DICC.140	0	STIM.140	189,000	CON.140	2,167	PCOM.140	45,000	355,167
Downhole Rentals	DIDC.155	168,000			STIM.145	0			PCOM.145	0	168,000
Flowback Labor					STIM.141	0			PCOM.141	55,000	55,00
Automation Labor							CON.150	31,667	PCOM.150	0	31,667
Mud Logging	DIDC.170	29,000									29,000
IPC & EXTERNAL PAINTING							CON 165	9,000			9,000
Cementing & Float Equipment	DIDC.185	145,000	DICC.155	63,000				1.75			208,000
Tubular Inspections	DIDC.190	50,000	DICC.160	5,000	STIM.160	4,000			PCOM.160	0	59,000
Casing Crews	DIDC.195	20,000	DICC.165	13,000	STIM.165	0					33,000
							CON 170	120 /17	DCOM 170	0	
Mechanical Labor	DIDC.200	20,000	DICC.170	10,000	STIM.170	0	CON 170	129,417	PCOM.170	0	159,417
Trucking/Transportation	DIDC.205	25,000	DICC.175	8,000	STIM.175	4,000	CON.175	4,667	PCOM.175	0	41,667
Supervision	DIDC.210	102,000	DICC.180	14,000	STIM.180	74,000	CON.180	16,500	PCOM.180	0	206,500
Trailer House/Camp/Catering	DIDC.280	51,000	DICC 255	6,000	STIM.280	55,000				1	112,000
Other Misc Expenses	DIDC.220	5,000	DICC 190	0	STIM.190	- 0	CON.190	10,167	PCOM.190	0	15,16
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000
MOB/DEMOB	DIDC.240	50,000								E 200 H	50,000
Directional Drilling Services	DIDC.245	471,000								-	471,000
Solids Control	DIDC.260	104,000								100000	104,000
Well Control Equip (Snubbing Services)	DIDC.265	104,000	DICC 240	5,000	STIM.240	81,000			PCOM.240	0	190,000
Completion Rig	de Cons	.54,000		3,000	STIM.115	21,000			PCOM.115	0	21,000
Coil Tubing Services	MANUFACTURE OF				STIM.260	222,000			PCOM.260	0	222,000
					STIM.200				PCOM.200	0	365,000
Completion Logging/Perforating/Wireline						365,000			PCOM.200 PCOM.390		
Composite Plugs					STIM.390	96,000				0	96,000
Stimulation Pumping/Chemicals/Additives/Sand	2011/51/16				STIM.210	2,340,000			PCOM.210	0	2,340,000
Stimulation Water/Water Transfer/Water Storage					STIM.395	229,000					229,000
Cimarex Owned Frac/Rental Equipment					STIM.305	0			PCOM.305	79,000	79,000
Legal/Regulatory/Curative	DIDC.300	10,000					CON.300	0			10,000
Well Control Insurance	DIDC.285	7,000								IS IS IN	7,000
Major Construction Overhead							CON.305	17,500			17,500
FL/GL - ON PAD LABOR							CON.495	43,000			43,000
FL/GL - Labor							CON.500	88,417			88,417
FL/GL - Supervision							CON.505	18,417			18,417
Survey	2012/01/20						CON.515	1,750			1,750
	DIDC.435	424000	DICC.220	44,000	STIM.220		CON.220		PCOM.220	44.000	
Contingency	DIDC.435	134,000	DICC220	11,000	511M.220	189,000		60,583	PCOM.220	11,000	405,583
Contingency							CON.221	23,083			23,083
Total Intangible Cost		2,812,000		228,000		3,965,000		472,668		368,000	7,845,668
Water String	DWEB.135	15,000									15,000
Surface Casing	DWEB.140	66,000									66,000
Intermediate Casing 1	DWEB.145	330,000									330,000
Production Casing or Liner			DWEA.100	192,000							192,000
Tubing					STIMT.105	77,000			PCOMT.105	0	77,000
Wellhead, Tree, Chokes	DWEB.115	16,000	DWEA.120	18,000	STIMT.120	50,000			PCOMT.120	10,000	94,000
Liner Hanger, Isolation Packer	DWEB.100	10,000	DWEA.125	98,000	0.000	30,000			11.55	.5,000	98,000
Packer, Nipples	2	U		30,000	STIMT.400	28.000			PCOMT.400	0	28,000
SHORT ORDERS	0.000				311111400	28,000	CONT380	F 000		U	5,000
PUMPS							CONT385	5,000	10000		
PUMPS WALKOVERS								7,833			7,833
the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	10000				-		CONT390	1,667	0.001/2		1,667
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	0	80,000
N/C Lease Equipment	Sales Control						CONT.400	146,250	12471	11 11 12 12 1	146,250
Battery Equipment							CONT.410	106,167			106,167
Secondary Containments							CONTA15	9,500			9,500
Facility Electrical							CONT.425	7,500			7,500
Telecommunication Equipment							CONT.426	250		IN THE REAL PROPERTY.	250
Meters and Metering Equipment	ALL STREET						CONT.445	29,750			29,750
Facility Line Pipe	10076						CONT.450	29,167		u conservation	29,16
Lease Automation Materials							CONT.455			100000000000000000000000000000000000000	
FL/GL - Materials								29,167		Surprise State of the	29,16
the face of processing the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the sam	10000						CONT.550	24,333	THE PARTY	a same	24,33
FL/GL - Line Pipe							CONT.555	51,083			51,08
Total Tangible Cost		427,000		308,000		235,000		447,667		10,000	1,427,66
Total Estimated Cost		3,239,000		536,000		4,200,000		920,335		378,000	9,273,33

### COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 20H

		BCP - Drilling			ACP - Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amount	Codes		Amoun
Roads & Location	DIDC.100		50,000		1 2 3 3 1		STIM.100		10,000
Damages	DIDC.105		6,000						
Mud/Fluids Disposal	DIDC.255		160,000	er i de la con	March 1997		STIM.255		62,000
Day Rate	DIDC.115	24 days at \$22,000/day	550,000	DICC.120	4 days at \$22,000/day	88,000			
Misc Preparation	DIDC 120	E-1 days at \$EE,000/day	35,000	Diddillo	- doys at \$22,000,009	00,000			
Bits	DIDC 125			DICC.125	State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State of the State		STIM.125		
			75,000			0	311W.123		
Fuel	DIDC.135	1,300 gal/day at \$1.50/gal	57,000			0			P. 139.35
Water for Drilling Rig (Not Frac Water)	DIDC.140		5,000	DICC.135		0	STIM.135		24,000
Mud & Additives	DIDC.145		250,000						PARTE NA
Surface Rentals	DIDC.150	Per Day (BCP)/day	119,000	DICC.140		0	STIM.140		189,000
Downhole Rentals	DIDC.155		168,000				STIM.145		
Flowback Labor							STIM.141		
Automation Labor									SPORTS V
Mud Logging	DIDC 170	20 days at \$1,200/day	29,000						
IPC & EXTERNAL PAINTING	DIDC.170	Eo days at \$1,200, day	23,000						10000
	DIDC 185			DICC.155	THE RESERVE OF THE PERSON	42.000			
Cementing & Float Equipment	B.10.1		145,000			63,000			
Tubular Inspections	DIDC 190		50,000			5,000	STIM.160		4,000
Casing Crews	DIDC.195		20,000			13,000	STIM.165		0
Mechanical Labor	DIDC.200		20,000		and the same of the same	10,000	STIM.170		(
Trucking/Transportation	DIDC.205		25,000	DICC.175		8,000	STIM.175		4,000
Supervision	DIDC.210		102,000	DICC.180	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14,000	STIM.180		74,000
Trailer House/Camp/Catering	DIDC 280		51,000			6,000	STIM.280		55,000
Other Misc Expenses	DIDC 220		5,000		ACC. TO SERVICE SERVICE	0,000	STIM.190		0
Overhead	DIDC.225				The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon		3,,,,,,,		-
MOB/DEMOB	DIDC.225		10,000	DICC 193		5,000			THE PARTY OF THE
			50,000			HE WAS IN		DESIGNATION OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE	ALC: NO.
Directional Drilling Services	DIDC.245		471,000						
Solids Control	DIDC.260		104,000						N. 63
Well Control Equip (Snubbing Services)	DIDC.265		104,000	DICC.240		5,000	STIM.240		81,000
Completion Rig							STIM.115		21,000
Coil Tubing Services							STIM.260		222,000
Completion Logging/Perforating/Wireline	METERS.				L CONTRACT		STIM.200		365,000
Composite Plugs							STIM.390		96,000
Stimulation						6150001	STIM.210		2,340,000
Stimulation Water/Water Transfer/Water					A SCALE OF SERVICE		STIM.395		229,000
							STIM.305		225,000
Cimarex Owned Frac/Rental Equipment					A CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF TH		311W.303	CONTRACTOR OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE	The state of
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285	\$0.35/ft	7,000		THE PROPERTY OF				The same
Major Construction Overhead									
FL/GL - ON PAD LABOR									5 05 05
FL/GL - Labor									
FL/GL - Supervision									( SAME AND
Survey									
Contingency	DIDC.435	500 % of Drilling Intangibles	134,000	DICC.220		11,000	STIM.220		189,000
	DIDC.433	300 % Of Drining intangibles	134,000	DICC.EZU		11,000	31111.220		105,000
Contingency									
Total Intangible Cost			2,812,000			228,000			3,965,000
Water String	DWEB.135		15,000	NE BUSH				-3-010 Marie 143	
Surface Casing	DWEB.140		66,000						
Intermediate Casing 1	DWEB.145	7" - 10,190ft at \$30.00/ft	330,000		THE PERSON NAMED IN				100000
Production Casing or Liner				DWEA.100	4 1/2" - 12,810ft at \$15.00/ft	192,000			
Tubing					the companies that the		STIMT.105	3-1/2** - 8,570ft at \$9.00/ft	77,000
Wellhead, Tree, Chokes	DWEB.115		16,000	DWEA.120		18,000	STIMT.120		50,000
Liner Hanger, Isolation Packer	DWEB.100		0,000	DWEA 125		98,000			20,500
Packer, Nipples			0			30,000	STIMT.400	THE RESIDENCE OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF T	28,000
							3111711.400		20,000
SHORT ORDERS									A INCHES
PUMPS									
WALKOVERS					And Saline				
Downhole Lift Equipment							STIMT.410		80,000
N/C Lease Equipment					The second	September 1			Sept.
Battery Equipment									
Secondary Containments					S THE RESERVE AND ADDRESS.				10000
Facility Electrical									
Telecommunication Equipment					To the same of				50 (417)
	100000				THE RESERVE			Incimination so have	Server Server
Meters and Metering Equipment	Ingresignation			199301120111-				SCHOOL BUILDING SOME	100000000000000000000000000000000000000
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials					Recognition of the				NO.
FL/GL - Line Pipe									
Total Tangible Cost			427,000			308,000			235,000
			3,239,000			536,000			4,200,000

### COM 20H COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL COM 20H

		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Cos
Roads & Location	CON.100		12,750	PCOM.100	Road Repair	10,000	82,75
Damages	CON.105		3,583				9.58
Mud/Fluids Disposal	CO14.103		3,303	PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	390,00
				PCONI233	4,000 DW D 101 00 Days @ \$0.10,001	100,000	
Day Rate							638,00
Misc Preparation						1 244	35,00
Bits				PCOM.125		0	75,00
Fuel				PCOM.130		0	57,00
Water for Drilling Rig (Not Frac Water)				PCOM.135		0	29,00
Mud & Additives							250,000
					4.500(1.4	45.000	
Surface Rentals	CON.140		2,167	PCOM.140	\$1500/day for anticipated 30 days	45,000	355,16
Downhole Rentals				PCOM.145		0	168,000
Flowback Labor				PCOM.141	\$2200/day for anticipated 15 days	55,000	55,00
Automation Labor	CON.150		31,667	PCOM.150		0	31,66
Mud Logging							29,00
IPC & EXTERNAL PAINTING	CON 165		9,000				9,00
	CONTRO		9,000			-	208,000
Cementing & Float Equipment							
Tubular Inspections				PCOM.160		0	59,00
Casing Crews							33,00
Mechanical Labor	CON.170		129,417	PCOM.170		0	159,41
Trucking/Transportation	CON.175		4,667	PCOM.175		0	41,667
Supervision	CON.180		16,500	PCOM.180		0	206,500
	2011,130		10,500	, CO.M. 100		0	112,000
Trailer House/Camp/Catering							
Other Misc Expenses	CON.190		10,167	PCOM.190		0	15,167
Overhead							15,000
MOB/DEMOB						-	50,000
Directional Drilling Services						1	471,000
Solids Control							104,000
Well Control Equip (Snubbing Services)				PCOM.240		0	190,000
Completion Rig				PCOM.115		0	21,000
Coil Tubing Services				PCOM.260		0	222,000
Completion Logging/Perforating/Wireline	Service of the service of			PCOM.200		0	365,000
Composite Plugs				PCOM.390		0	96,000
Stimulation Pumping/Chemicals/Additives/Sand				PCOM.210		0	2,340,000
	on Medical			PCOM.210		U	
Stimulation Water/Water Transfer/Water						-	229,000
Cirnarex Owned Frac/Rental Equipment				PCOM.305	XEC Owned Sand Separator, 3" Iron for Texas	79,000	79,000
Legal/Regulatory/Curative	CON.300		0				10,000
Well Control Insurance							7,000
Major Construction Overhead	CON.305		17,500				17,500
FL/GL - ON PAD LABOR	CON.495						43,000
			43,000				
FL/GL - Labor	CON.500		88,417				88,417
FL/GL - Supervision	CON.505		18,417				18,417
Survey	CON.515		1,750				1,750
Contingency	CON.220		60,583	PCOM.220	10%	11,000	405,583
Contingency	CON.221		23,083				23,083
	CON.ZZI					250,000	
Total Intangible Cost			472,668			368,000	7,845,668
Water String							15,000
Surface Casing							66,000
Intermediate Casing 1	History Co.						330,000
Production Casing or Liner							192,000
Tubing	DESIGNATION CONTRACTOR			PCOMT.105		0	77,000
	SHARA STATE						
Wellhead, Tree, Chokes				PCOMT.120	Welded hairpin	10,000	94,000
Liner Hanger, Isolation Packer						DSG TI	98,000
Packer, Nipples				PCOMT,400		0	28,000
SHORT ORDERS	CONT.380		5,000			5 - 5	5,000
PUMPS	CONT 385		7,833				7,833
	201111000					The View	
WALKOVERS	CONT.390		1,667				1,667
Downhole Lift Equipment				PCOMT.410		0	80,000
N/C Lease Equipment	CONT.400		146,250				146,250
Battery Equipment	CONT.410		106,167				106,167
Secondary Containments	CONT.415		9,500			Salp S	9,500
	CONT.425			THE PERSONS		ALSO LINE CO.	7,500
Facility Electrical			7,500				
Telecommunication Equipment	CONT.426		250			HE	250
Meters and Metering Equipment	CONT.445		29,750				29,750
Facility Line Pipe	CONT.450		29,167	100		A STATE OF	29,16
Lease Automation Materials	CONT.455		29,167				29,16
FL/GL - Materials	CONT.550					and the	24,333
			24,333			the state of the state of	
FL/GL - Line Pipe	CONT.555		51,083				51,083
Total Tangible Cost			447,667		1	10,000	1,427,667
Total Estimated Cost			920,335			378,000	9,273,335

### A.A.P.L. FORM 610 - 1989

### MODEL FORM OPERATING AGREEMENT

### OPERATING AGREEMENT

### DATED

	<u>March 1</u> , _	<u>2022</u> ,	
OPERATOR <u>Cimarex</u>	Energy Co.		
CONTRACT AREA <u>E/2</u>	2 of Section 12 and 13, Town	ship 25 South, Range 28 East	
COLINTY OR PARISH OF	F Fddy	STATE OF NM	

INITIAL WELL: RIVERBEND 12-13 FEDERAL COM 1H

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 (Direc	t Charges	) and	not	covered	by	other	provisions	of this	s
Section III, the Op	erator sha	ll charge	on eithe	r:												

☐ (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 <u>overhead</u> 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 <u>overhead</u> rates.
  - ☑ (Alternative 2 All Direct) shall be charged direct to the Joint Account.
  - □ (Alternative 3 Drilling Direct) shall be charged <u>direct</u> to the Joint Account, <u>only</u> to the extent such Technical Services are directly attributable to drilling, redrilling, 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 III.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

 $(1) \quad \text{The Operator shall charge the Joint Account at the following rates per well per month:} \\$ 

Drilling Well Rate per month \$\\_7,000.00 (prorated for less than a full month)

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

Producing Well Rate per month \$ 700.00

(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.

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### Timeline of Contact with Working Interest Owners

Riverbend 12-13 Fed Com 1H, 2H, 19H and 20H

Landman: Riley Morris

### Northern Oil and Gas, Inc.:

Northern has executed the proposed JOA and sent in their elections to participate in all proposed operations.

Devon Energy Production Company, L.P.:

Well proposals for all four (4) wells sent on April 6, 2022. Exchanged emails with Aaron Young and Andy Bennett, Landmen for Devon, beginning on April 25, 2022. Mr. Young responded affirmatively that they received the proposals and were reviewing as a Team.

EOG resources, Inc.:

Well proposals for all four (4) wells sent on April 6, 2022. Exchanged emails with Katie McBryde on July 13, 2022 to discuss the next steps for these wells and the hearing set for July 21, 2022. Furnished EOG with WI/NRI ownership along with full ownership spreadsheet of all interests within the proposed Contract Area. EOG responded with questions about their interest in the Bone Spring and Wolfcamp that we are actively working to address.

MRC Permian Company:

Well proposals for all four (4) wells sent on April 6, 2022. Discussed trade options to acquire MRC's interest within the proposed Contract Area and adjacent interest within the W/2 of Sections 11 and 14. We were not able to reach a trade agreement.



### **TAB 3**

Case No. 22894

Affidavit of Meera Ramoutar, Geologist Exhibit B:

Exhibit B-1: Structure Map Exhibit B-2: Stratigraphic Cross Section

Exhibit B-3: Gross Isochore Exhibit B-4: Gun Barrel View

Exhibit B-5: Trajectory Cross-section

### 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, EDDY COUNTY, NEW MEXICO

Case Nos. 22894

### AFFIDAVIT OF MEERA RAMOUTAR

- I, MEERA RAMOUTAR, 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 affidavit is submitted in connection with the filing by Cimarex of the above-referenced compulsory pooling application 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 Geology from University of the West Indies, and a Master of Science Degree in Geology from the University of Texas.
  - I have worked on New Mexico Oil and Gas matters since January 2009.
- 5. **Exhibit B-1** is a structure map of the top of the Wolfcamp formation with contour interval of 1000' of the Delaware Basin. The inset map is zoomed in and shows the

ЕХНІВІТ

Wolfcamp formation with contour intervals of 100°. The unit being pooled is outlined by dark blue rectangle. The structure map shows that there is a regional down-dip to the east. I do not observe any faulting, pinchouts, or other geologic impediments to developing this targeted interval.

- 6. **Exhibit B-2** is a stratigraphic cross-section flattened on the top of the Wolfcamp formation. Each well in the cross-section contains a gamma ray and resistivity, log. The well logs are oriented west to east (left to right), and are meant to illustrate the continuity of the targeted formation. The well logs on the cross-section are representative of this formation in this area. The landing zone is highlighted by light, green shading.
- 7. Additional exhibits for the benefit of the Division's review include **Exhibit B-3**, a gross isopach of the Wolfcamp formation, illustrating in the subject unit the thickness of the formation is between 1850-1950ft.as well as **Exhibits B-4** and **B-5**. **Exhibit B-4** is a gun barrel representation of the unit. It illustrates what Cimarex has concluded to be optimal spacing and configuration for the development of the Wolfcamp A in this area. **Exhibit B-5** is a trajectory cross section-oriented N-S and highlights the reservoir being targeted as being correlative & continuous.
  - 8. I conclude from the attached exhibits that:
    - a. The horizontal spacing and proration unit is justified from a geologic standpoint.
    - b. There are no structural impediments or faulting that will interfere with horizontal development.
    - c. Each quarter section, which includes each quarter-quarter section on which it is comprised, will contribute more or less equally to production.

- 9. The preferred well orientation in this area is North-South so that the wells run subperpendicular to the inferred orientation of the maximum horizontal stress.
- 10. The Exhibits to this Affidavit were prepared by me or compiled from Cimarex's company business records under my direct supervision.
- 11. The granting of this Application is in the interests of conservation, the prevention of waste and the drilling of unnecessary wells, and the protection of correlative rights.
  - 12. The foregoing is correct and complete to the best of my knowledge and belief.

[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT

[NAME]

Subscribed to and sworn before me this 30 day of June, 2022.

KAIMI BROWNLEE
Notary Public, State of Texas
Comm. Expires 03-26-2023
Notary ID 126052368

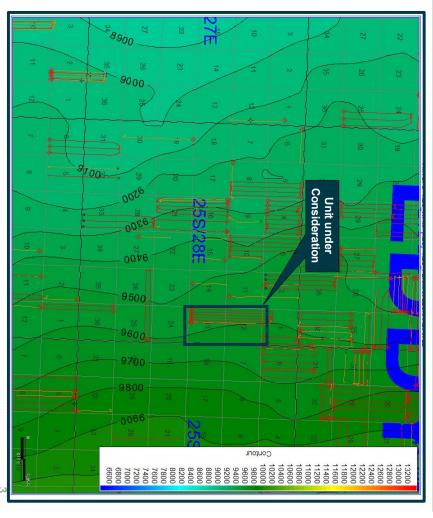
Karmi Broundle Notary Public

### Wolfcamp Structure Map

Wolfcamp Structure Map

1 1200 1 1 1200 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000 1 1000

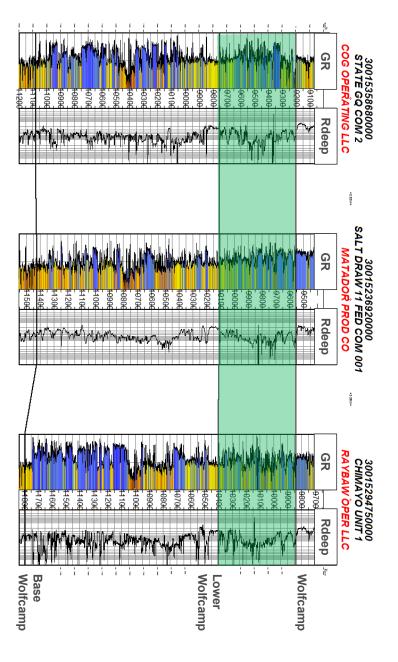
Subject Area





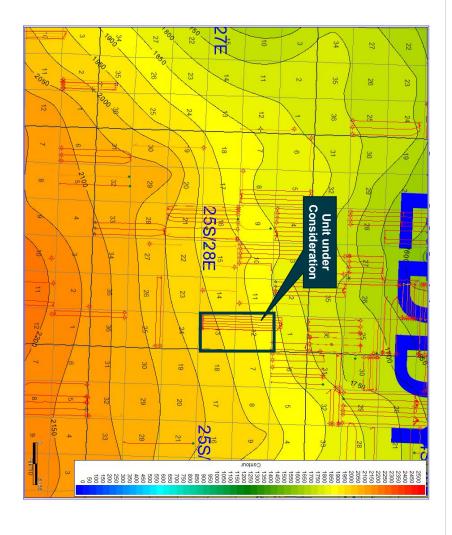
### Stratigraphic Cross-Section-Total Wolfcamp



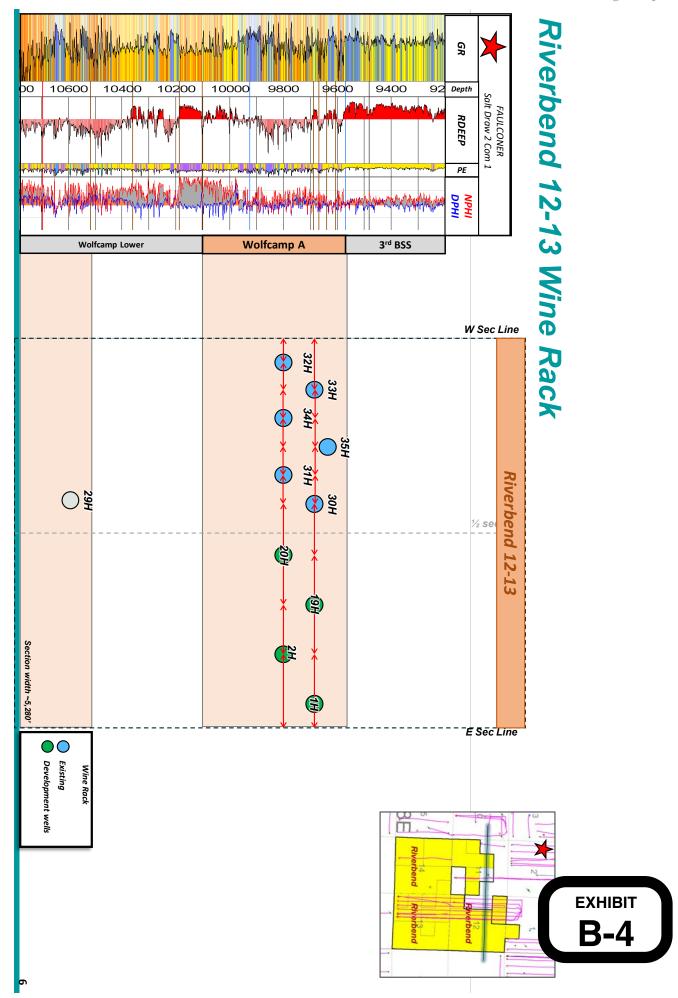




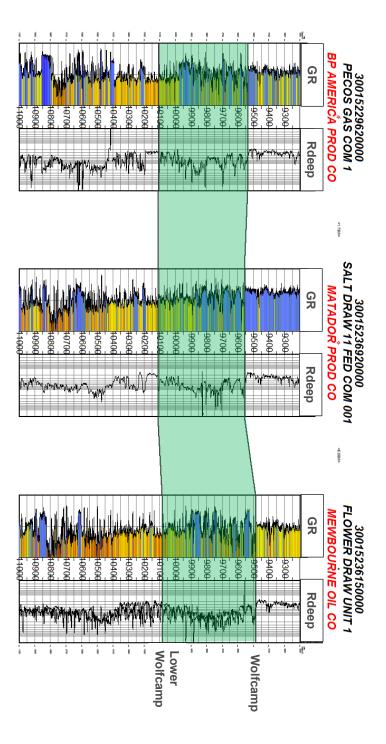
### Wolfcamp Gross Isopach







### Trajectory Cross Section

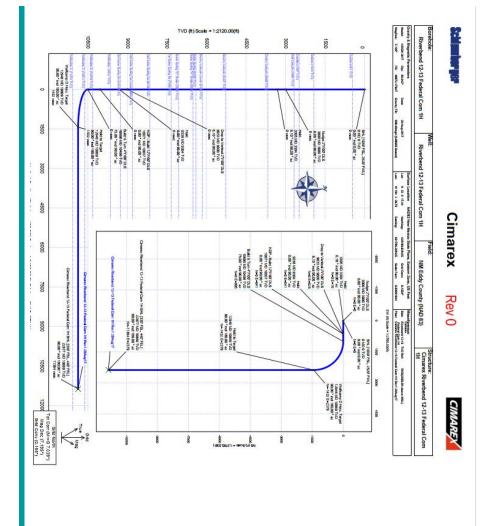




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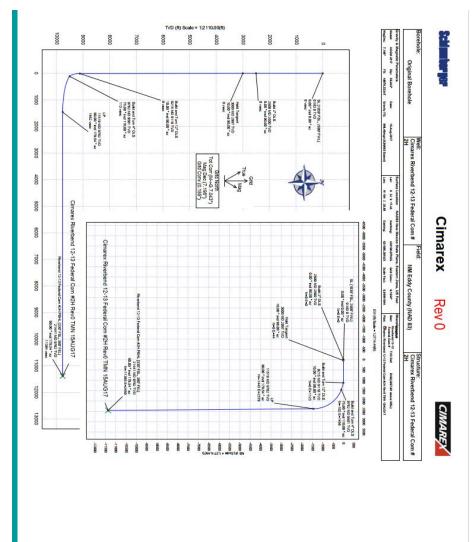
## Riverbend 12-13 1H- Planning document-Wallplot

COTERRA



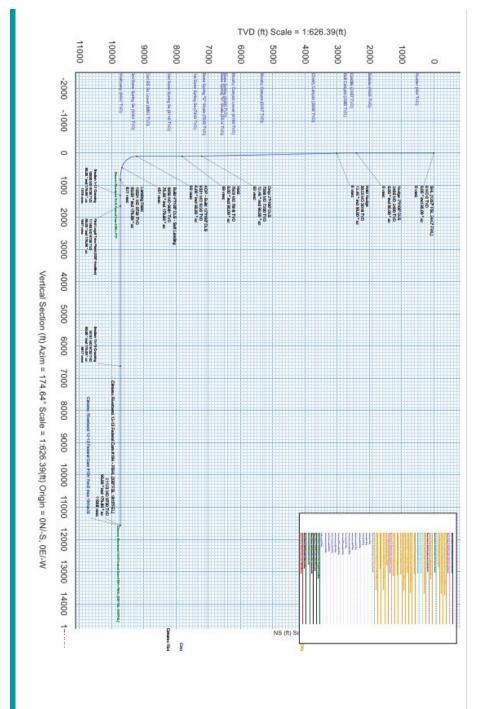
## Riverbend 12-13 2H- Planning document-Wallplot





# Riverbend 12-13 19H- Planning document-Wallplot

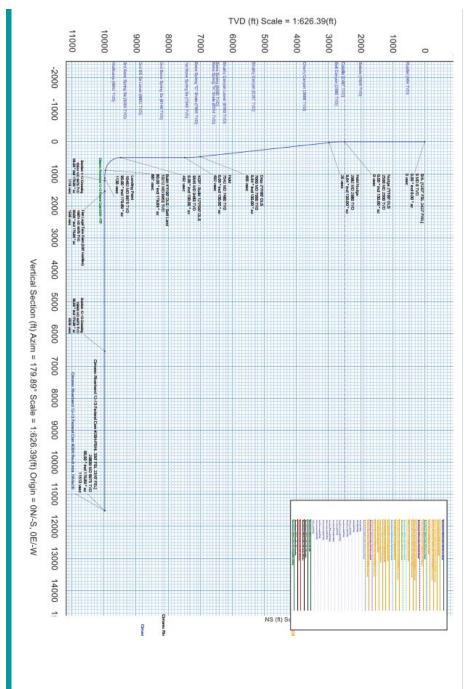




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# Riverbend 12-13 20H- Planning document-Wallplot

### COTERRA



### **TAB 4**

Case No. 22894

Affidavit of Notice, Darin C. Savage Exhibit C: Exhibit C-1: Notice Letters (WI, ORRI and RT) Exhibit C-2: Mailing List

Exhibit C-3: Affidavit of Publication

### 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, EDDY COUNTY, NEW MEXICO

Case No. 22894

### **AFFIDAVIT OF NOTICE**

STATE OF NEW MEXICO	)	
	)	SS.
COUNTY OF SANTA FE	)	

- 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:
- 1. Well proposals were timely sent to all working interest owners. See Exhibit A-3, herein.
- 2. Notice of the application and hearing in the above-reference case was timely sent by certified mail, return receipt requested, through the United States Postal Service on June 16, 2022, to all uncommitted interest owners sought to be pooled in this proceeding. See Exhibit C-2, attached hereto. Copies of notice letters and evidence of mailing to parties are attached hereto as Exhibits C-1 and C-2. Notice was also timely served by publication in the Carlsbad Current-Argus, a newspaper of general circulation in Eddy County, New Mexico, on June 21, 2022, as reflected in the Affidavit of Publication attached hereto as Exhibit C-3.
- 3. It is my understanding that Cimarex searched for the parties whose addresses were returned undeliverable to determine if the addresses used reflected what was reasonably ascertainable through searches of databases reasonably available on the internet in satisfaction of reasonable diligence pursuant to Rule 19.15.4.12(B).

4. The foregoing is to the best of my knowledge and belief.

Darin C. Savage

SUBSCRIBED AND SWORN to before me this 18th day of July, 2022, by Darin C. Savage.

Notary Public

My Commission Expires:

10 02 2023

STATE OF NEW MEXICO NOTARY PUBLIC JESSICA HEAD COMMISSION # 1127235 COMMISSION EXPIRES 10/02/2023



### ABADIE I SCHILL PC

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

June 16, 2022

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Cimarex Energy Co., for a horizontal spacing unit and

compulsory pooling, Eddy County, New Mexico

Riverbend 12-13 Federal Com 1H Well (Case No. 22894)
Riverbend 12-13 Federal Com 2H Well (Case No. 22894)
Riverbend 12-13 Federal Com 19H Well (Case No. 22894)
Riverbend 12-13 Federal Com 20H Well (Case No. 22894)

Case No. 22894:

### Dear Interest Owners:

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed application, Case No. 22894, with the New Mexico Oil Conservation Division ("Division") for the compulsory pooling of units in the Wolfcamp formation.

In Case No. 22894, Cimarex seeks to pool the Purple Sage; Wolfcamp Pool underlying the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, a standard unit encompassing 640 acres, more or less, dedicated to the above-referenced 1H, 2H, 19H, and 20H Wells. The proposed wells are unorthodox in their locations, as the take points at 100' from the boundaries of the unit extend into the setback requirements of the Special Rules for the Purple Sage Wolfcamp Pool (Order No. R-14262). Accordingly, Cimarex will apply administratively for approval of nonstandard locations (NSLs).

A hearing has been requested before a Division Examiner on July 7, 2022, 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.

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O: 970.385.4401 • F: 970.385.4901



However, under the COVID-19 Public Health 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: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a> or call (505) 476-3441.

You are being notified as an interest owner 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 Prehearing 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 Riley Morris at (432) 620-1966 or at riley.morris@coterra.com.

Sincerely,

Darin C. Savage

Attorney for Cimarex Energy Co.



### ABADIE I SCHILL PC

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

June 16, 2022

VIA CERTIFIED MAIL RETURN RECEIPT REQUESTED

### TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of Cimarex Energy Co., for a horizontal spacing unit and

compulsory pooling, Eddy County, New Mexico

Riverbend 12-13 Federal Com 1H Well (Case No. 22894) Riverbend 12-13 Federal Com 2H Well (Case No. 22894) Riverbend 12-13 Federal Com 19H Well (Case No. 22894) Riverbend 12-13 Federal Com 20H Well (Case No. 22894)

Case No. 22894:

### Dear Interest Owners:

This letter is to advise you that Cimarex Energy Co. ("Cimarex") has filed the enclosed application, Case No. 22894, with the New Mexico Oil Conservation Division ("Division") for the compulsory pooling of units in the Wolfcamp formation.

In Case No. 22894, Cimarex seeks to pool the Purple Sage; Wolfcamp Pool underlying the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, a standard unit encompassing 640 acres, more or less, dedicated to the above-referenced 1H, 2H, 19H, and 20H Wells. The proposed wells are unorthodox in their locations, as the take points at 100' from the boundaries of the HSU extend into the setback requirements of the Special Rules for the Purple Sage Wolfcamp Pool (Order No. R-14262). Accordingly, Cimarex will apply administratively for approval of nonstandard locations (NSLs).

A hearing has been requested before a Division Examiner on July 7, 2022, 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.

abadieschill.com

214 McKenzie Street, Santa Fe, New Mexico, 87501

O: 970.385.4401 • F: 970.385.4901

However, under the COVID-19 Public Health 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: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a> or call (505) 476-3441.

You are being notified as an overriding royalty interest owner 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 Prehearing 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 Riley Morris at (432) 620-1966 or at riley.morris@coterra.com.

Sincerely,

Darin C. Savage

Attorney for Cimarex Energy Co.



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You are being notified as an owner of Record Title, not a Working Interest owner with operating rights, 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 Prehearing 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 Riley Morris at (432) 620-1966 or at riley.morris@coterra.com.

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Darin C. Savage

Attorney for Cimarex Energy Co.

## Mailing Report

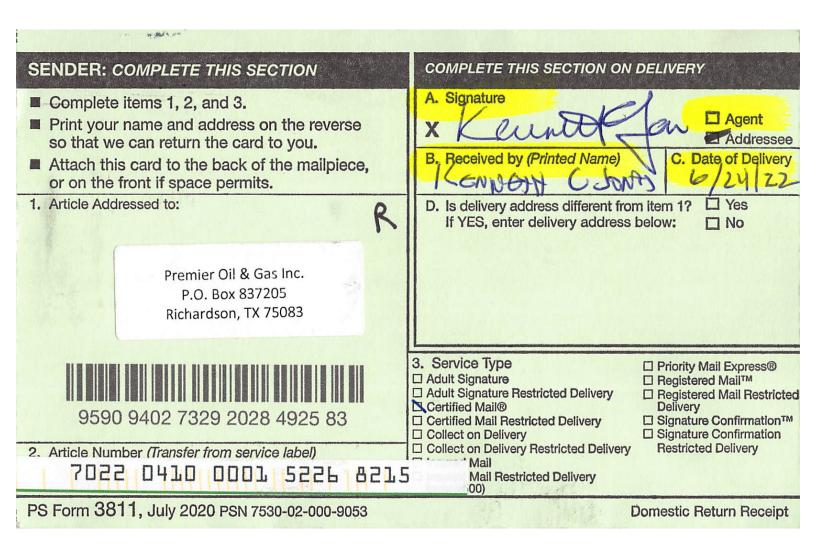
	Name	Street	City	State	Zip	USPS Article Number	Date Mailed	Service	Status	Delivery Date	Green Card Returned?
RTO	Chevron USA Inc.	1400 Smith ST.	Houston	TX	77002	70220410000183779742	6.16.22	Certified Mail	Delivered	6/29/22	YES
WI	Magnum Hunter Production, Inc.	600 N. Marienfeld St., Ste. 600	Midland	TX	79701	70220410000152267690	6.16.22	Certified Mail	Delivered	6/21/22	YES
WI	Northern Oil and Gas, Inc.	P.O. Box 10850	Fort Worth	TX	76114	70220410000152267683	6.16.22	Certified Mail	Delivered	N/A	YES
WI & ORRI	EOG Resources, Inc.	5509 Champions Drive	Midland	TX	79706	70220410000152267676	6.16.22	Certified Mail	Delivered per USPS.com	6/22/22	NO
WI	MRC Permian Company	5400 LBJ Freeway, Ste. 1500	Dallas	TX	75240	70220410000152267669	6.16.22	Certified Mail	Delivered per USPS.com	6/21/22	NO
WI	Devon Energy Production Company, LP	333 West Sheridan Ave.	окс	OK	73102	70220410000152267652	6.16.22	Certified Mail	Delivered	N/A	YES
ORRI	Monty D. McLane	PO Box 9451	Midland	TX	79708	70220410000152268178	6.16.22	Certified Mail	Delivered	N/A	YES
ORRI	Alan Jochimsen, as separate property	4209 Cardinal Lane	Midland	TX	79707	70220410000152268185	6.16.22	Certified Mail	Delivered	6/21/22	YES
ORRI	States Royalty Limited Partnership	PO Box 911	Breckenridge	TX	76424	70220410000152268192	6.16.22	Certified Mail	Delivered	6/21/22	YES
ORRI	Schertz Energy LLC	1407 S. Sunset Ave.	Roswell	NM	88203	70220410000152268208	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	Premier Oil & Gas, Inc.	P.O. Box 837205	Richardson	TX	75083	70220410000152268215	6.16.22	Certified Mail	Delivered	6/24/22	YES
ORRI	Kirk & Sweeney Ltd. Co.	P.O. Box 1174	Roswell	NM	88202	70220410000152268222	6.16.22	Certified Mail	Delivered	7/1/22	YES
ORRI	Innerarity Family Minerals, LLC	P.O. Box 313	Midland	TX	79702	70220410000152268239	6.16.22	Certified Mail	Delivered	6/29/22	YES
ORRI	E & S, LLC	3007 Riverside	Roswell	NM	88201	70220410000152268246	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	NM&T Resources, LLC	P.O. Box 10523	Midland	TX	79702	70220410000152268253	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	Norton, LLC	60 Beach Ave.	South Dartmouth	MA	02748	70220410000152268260	6.16.22	Certified Mail	Delivered	6/23/22	YES
ORRI	Chisos Minerals, LLC	PO Box 470788	Fort Worth	TX	76147	70220410000152268277	6.16.22	Certified Mail	Delivered	6/23/22	YES
ORRI	MKHM Oil, LLC	3200 North Tacoma St.	Arlington	VA	22213	70220410000152268284	6.16.22	Certified Mail	Delivered	6/23/22	YES
ORRI	GHHunker, LLC	P.O. Box 524	Lander	WY	82520	70220410000152268291	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	Dutch-Irish Oil, Inc.	P.O. Box 4831	Midland	TX	79701	70220410000152268307	6.16.22	Certified Mail	Returned Undeliverable	-	-
ORRI	Wing Resources V, LLC	2100 McKinney Ave., Suite 1540	Dallas	TX	75201	70220410000152268314	6.16.22	Certified Mail	Delivered per USPS.com	6/21/22	NO
ORRI	Sam L. Shackelford, as separate property	1096 Mechem Drive	Ruidoso	NM	88345	70220410000152268321	6.16.22	Certified Mail	Delivered	6/23/22	YES
ORRI	West Bend Energy Partners III, LLC	1320 S. University Drive, Ste. 701	Fort Worth	TX	76107	70220410000152268338	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	ROEC, Inc.	P.O. Box 33440	Santa Fe	NM	87594	70220410000152268345	6.16.22	Certified Mail	Returned Undeliverable		
ORRI	Energy Properties Limited, L.P.	P.O. Box 51408	Casper	WY	82605	70220410000152268352	6.16.22	Certified Mail	Delivered	6/27/22	YES
ORRI	William N. Heiss Profit Sharing Plan; William and Susan Heiss, Co-Trustees	P.O. Box 2944	Casper	WY	82602	70220410000152268369	6.16.22	Certified Mail	Delivered	6/22/22	YES
ORRI	Dragoon Creek Minerals, LLC	2821 West 7th Street, Stc. 515	Fort Worth	TX	76107	70220410000152268376	6.16.22	Certified Mail	Delivered per USPS.com	6/21/22	NO
ORRI	Pegasus Resources NM, LLC	P.O. Box 470698	Fort Worth	TX	76147	70220410000152268383	6.16.22	Certified Mail	Delivered	6/23/22	YES
ORRI	Oak Valley Minerals and Land, LP	PO Box 50820	Midland	TX	79710	70220410000152268390	6.16.22	Certified Mail	Delivered	6/23/22	YES
RI	United States of America BLM	620 E. Greene St.	Carlsbad	NM	88220	70220410000152267706	6.16.22	Certified Mail	Delivered	6/21/22	YES



SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
■ Complete items 1, 2, and 3.  ■ Print your name and address on the reverse so that we can return the card to you.  ■ Attach this card to the back of the mailpiece, or on the front if space permits.  1. Article Addressed to:  MKHM Oil LLC 3200 North Tacoma St. Arlington, VA 22213	A. Signature  X Manguer Mause
9590 9402 7329 2028 4935 66  2. Article Number (Transfer from service label) 7022 0410 0001 5226 8284	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ I red Mail ☐ I red Mail Restricted Delivery ☐ I red Mail ☐ I red Mail Restricted Delivery ☐ I red Mail ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delivery ☐ Registered Mail Restricted Delive
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

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1. Article Addr	Alan Jochimsen	R	D. Is delivery address different from If YES, enter delivery address I		
	4209 Cardinal Lane Midland, TX 79707		3. Service Type		
9590	9402 7329 2028 4934 43		□ Adult Signature     □ Adult Signature Restricted Delivery     □ Certified Mail®     □ Certified Mail Restricted Delivery     □ Collect on Delivery	<ul> <li>□ Priority Mail Express®</li> <li>□ Registered Mail™</li> <li>□ Registered Mail Restricted Delivery</li> <li>□ Signature Confirmation™</li> <li>□ Signature Confirmation</li> </ul>	
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PS Form 381	1, July 2020 PSN 7530-02-000-9	053		Domestic Return Receipt	

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Energy Properties Limited LP P.O. Box 51408 Casper, WY 82605	
9590 9402 7329 2028 4936 41	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Signature Confirmation ☐ Signature Confirmation
2. Article Number (Transfer from service label)	Collect on Delivery Restricted Delivery Restricted Delivery
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PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt



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9590 9402 7329 2028 4935 11  2 Article Number (Transfer from service label) 7022 0410 0001 5226 833	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Delivery □ Collect on Delivery Restricted Delivery □ Mail Mail Restricted Delivery 00) □ Priority Mail Express® □ Registered Mail TM □ Registered Mail Restricted Delivery □ Signature Confirmation □ Restricted Delivery
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9590 9402 7329 2028 4934 98  2 Article Number (Transfer from service label) 7022 0410 0001 5226 8239	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail Restricted Delivery  Collect on Delivery  Collect on Delivery Restricted Delivery  Mail  Mail Restricted Delivery  00)	☐ Priority Mail Express® ☐ Registered Mail <sup>TM</sup> ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation <sup>TM</sup> ☐ Signature Confirmation Restricted Delivery
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9590 9402 7329 2028 4934 50  2. Article Number (Transfer from service label) 7022 0410 0001 5226 8178	☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery	<ul> <li>□ Priority Mail Express®</li> <li>□ Registered Mail ™</li> <li>□ Registered Mail Restricter Delivery</li> <li>□ Signature Confirmation™</li> <li>□ Signature Confirmation Restricted Delivery</li> </ul>
PS Form 3811 July 2020 PSN 7530-02-000-9053	Q /	omestic Return Receipt

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Magnum Hunter Production, Inc. 600 N. Marienfeld St., Ste. 600 Midland, TX 79701	If YES, enter delivery address I	
9590 9402 7329 2028 4925 45  2. Article Number ( <i>Transfer from service label</i> )  7022 0410 0001 5226 765	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail Restricted Delivery  Collect on Delivery  Collect on Delivery Restricted Delivery  ail Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
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9590 9402 7329 2028 4943 34  2. Article Number ( <i>Transfer from service label</i> )  7022 0410 0001 8377 9742	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation
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P.O. Box 1174 Roswell, NM 88202	8820
9590 9402 7329 2028 4935 04	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Collect on Delivery □ Collect on Delivery □ Signature Confirmation □ Priority Mail Express® □ Registered Mail™ □ Registered Mail Restricted Delivery □ Signature Confirmation □ Signature Confirmation
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NM&T Resources LLC P.O. Box 10523 Midland, TX 79702	If YES, enter delivery address below:
9590 9402 7329 2028 4934 74  2. Article Number (Transfer from service label) 7022 0410 0001 5226 825	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail  Mail Restricted Delivery  Mail
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
Complete items 1, 2, and 3.  Print your name and address on the reverse so that we can return the card to you.  Attach this card to the back of the mailpiece, or on the front if space permits.  1. Article Addressed to:  Schertz Energy 1.C 1407 S. Sunset Ave. Roswell, NM 88203	A. Signature  X
9590 9402 7329 2028 4925 76  2 Article Number (Transfer from service label) 7022 0410 0001 5226 8208	3. Service Type  □ Adult Signature □ Adult Signature Restricted Delivery □ Certified Mail® □ Certified Mail Restricted Delivery □ Collect on Delivery □ Collect on Delivery □ Collect on Delivery Restricted Delivery □ Mail □ Mail Restricted Delivery □ Signature Confirmation □ Restricted Delivery □ Signature Confirmation □ Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	A. Signature  Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery  6-21-22  D. Is delivery address different from item 1?   Yes
Bureau of Land Management 620 E. Greene St. Carlsbad, NM 88220	If YES, enter delivery address below:   No
9590 9402 7329 2028 4925 52	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Cellect on Delivery ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery ☐ Restricted Delivery
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PS Form 3811 July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

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Print your name and address on the reverse so that we can return the card to you.	X ANAMULATI Agent
Attach this card to the back of the mailpiece, or on the front if space permits.	B. Received by (Printed Name) C. Date of Delivery  Deorse H. Willey 6.22.22
Article Addressed to:	D. Is delivery address different from item 1? Yes If YES, enter delivery address below: No
GHHunker LLC P.O. Box 524 Lander, WY 82520	
9590 9402 7329 2028 4935 42	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect On Delivery ☐ Signature Confirmation ☐ Signature Confirmation
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PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

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<ul> <li>■ Complete items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> <li>William N. Heiss Profit Sharing Plan P.O. Box 2944 Casper, WY 82602</li> </ul>	A. Signature  X  B. Received by (Printed Name)  D. Is delivery address different fro If YES, enter delivery address	
9590 9402 7329 2028 4936 34  2 Article Number (Transfer from service label) 7022 0410 0001 5226 836	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail Restricted Delivery  Collect on Delivery  Collect on Delivery Restricted Delivery  ail  ail Restricted Delivery	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt

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<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>1. Article Addressed to:</li> </ul>	A. Signature  X
Sam L. Shackelford 1096 Mechem Dr. Ruidoso, NM 88345	If YES, enter delivery address below:   No
9590 9402 7329 2028 4935 28  2. Article Number (Transfer from service label) 7022 0410 0001 5226 832	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Collect on Delivery Restricted Delivery ☐ Mail ☐ Restricted Delivery ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

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	Oak Valley Minerals and Land LP P.O. Box 50820 Midland, TX 79710	R	If YES, enter delivery address	
2. Article N	90 9402 7329 2028 4935 8 Number (Transfer from service label)	0 8370	3. Service Type  Adult Signature  Adult Signature Restricted Delivery  Certified Mail®  Certified Mail Restricted Delivery  Collect on Delivery  Collect on Delivery Restricted Delivery  Mail  Mail Restricted Delivery  500)	☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery
PS Form 3	3 <mark>811, J</mark> uly <mark>2020 PSN 7530-02-00</mark> 0-	9053		Domestic Return Receipt

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	Chisos Minerals LLC P.O. Box 470788 Fort Worth, TX 76147			
	590 9402 7329 2028 4935 73  Number ( <i>Transfer from service label</i> )		3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery I Mail	<ul> <li>□ Priority Mail Express®</li> <li>□ Registered Mail ™</li> <li>□ Registered Mail Restricted Delivery</li> <li>□ Signature Confirmation™</li> <li>□ Signature Confirmation Restricted Delivery</li> </ul>
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<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> </ul>	A. Signature  A. Signature  Agent  Addressee  B. Received by (Printed Name)  D. Is delivery address different from item 17  Yes  If YES, enter delivery address below:
Devon Energy Production Co. 333 West Sheridan Ave. Oklahoma City, OK 73102	
9590 9402 7329 2028 4925 21  2. Article Number (Transfer from service label)	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Collect on Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery ☐ Collect On Delivery Restricted Delivery
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1. Article Addressed to:	D. Is delivery address different from item 1?
States Royalty Limited Partnership P.O. Box 911 Breckenridge, TX 76424	
9590 9402 7329 2028 4925 69	3. Service Type ☐ Priority N☐ Adult Signature ☐ Registere☐ Adult Signature Restricted Delivery ☐ Registere☐ Delivery☐ Certified Mail®☐ Delivery☐ Certified Mail Restricted Delivery☐ Signatur☐ Collect on Delivery☐ Signatur☐
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SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
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P.O. Box 10850 Fort Worth, TX 76114	
9590 9402 7329 2028 4925 90  2. Article Number (Transfer from service label) 7022 0410 0001 5226 768	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ ail ☐ ail Restricted Delivery ☐ (over \$500) ☐ Priority Mail Express® ☐ Registered Mail TM ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature  X Hugh Moule   Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery
Norton LLC 60 Beach Ave. South Dartmouth, MA 02748	D. Is delivery address different from item 1?  Yes If YES, enter delivery address below:  No SUN 2 3 2022
9590 9402 7329 2028 4934 67  2. Article Number (Transfer from service label) 7022 0410 0001 5226 8260	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery ☐ Collect on Delivery Restricted Delivery ☐ House Mail ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail ☐ Mail Restricted Delivery ☐ Mail Express® ☐ Registered Mail Tx ☐ Registered Mail Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery
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<ul> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> <li>Article Addressed to:</li> </ul>	A. Signature  X Course with Agent  Addressee  B. Received by (Printed Name)  C. Date of Delivery  C. Date of Delivery  D. Is delivery address different from item 1? Yes  If YES, enter delivery address below:
E&S LLC 711 South Country Club Lane Payson, AZ 85541	
9590 9402 7329 2028 4934 81	3. Service Type  ☐ Adult Signature ☐ Adult Signature Restricted Delivery ☐ Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Collect on Delivery ☐ Signature Confirmation™ ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery ☐ Signature Confirmation ☐ Restricted Delivery
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PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

## Carisbad Current Argus.

# Affidavit of Publication Ad # 0005302845 This is not an invoice

ABADIE SCHILL P.C. 555 RIVERGATE # B 4-180

**DURANGO, CO 81301-7485** 

I, a legal clerk of the Carlsbad Current Argus, a newspaper published daily at the City of Carlsbad, in said county of Eddy, state of New Mexico and of general paid circulation in said county; that the same is a duly qualified newspaper under the laws of the State wherein legal notices and advertisements may be published; that the printed notice attached hereto was published in the regular and entire edition of said newspaper and not in supplement thereof in editions dated as follows:

06/21/2022

Subscribed and sworn before me this June 21, 2022:

State of WI, County of Brown NOTARY PUBLIC

1-7-05

My commission expires

KATHLEEN ALLEN Notary Public State of Wisconsin

Ad # 0005302845 PO #: 22894 # of Affidavits1

This is not an invoice

CASE No. 22894: Notice to all affected parties and persons having any right, title, interest or claim to this case, including overriding royalty interest owners and record title owners, as well as the known and unknown heirs, devisees, assigns and successors of MAGNUM HUNTER PRODUCTION, INC., NORTHERN OIL AND GAS, INC., EOG RESOURCES, INC., MRC PERMIAN COMPANY, DEVON ENERGY PRODUCTION COMPANY, LP, MONTY D. MCLANE, ALAN JOCHIMSEN, AS SEPARATE PROPERTY, STATES ROYALTY LIMITED PARTNERSHIP, SCHERTZ ENERGY LLC, PREMIER OIL & GAS, INC., KIRK & SWEENEY LTD. CO., INNERARITY FAMILY MINERALS, LLC, E & S, LLC, NM&T RESOURCES, LLC, NORTON, LLC, CHISOS MINERALS, LLC, MKHM OIL, LLC, GHHUNKER, LLC, DUTCHIRISH OIL, INC., WING RESOURCES V, LLC, SAM L. SHACKELFORD, AS SEPARATE PROPERTY, WEST BEND ENERGY PARTNERS III, LLC, ROEC, INC., ENERGY PROPERTIES LIMITED, L.P., "WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM N. HEISS PROFI CASE No. 22894: Notice to all affected parties and persons TITED, L.P., "WILLIAM N. HEISS PROFIT SHARING PLAN, WILLIAM AND SUSAN HEISS, CO-TRUSTEES, DRAGOON CREEK MINERALS, LLC, PEGASUS RESOURCES NM, LLC, OAK VALLEY MINERALS AND LAND, LP, THE STANLEY W. LIGHT REVOCABLE TRUST, STANLEY W. LIGHT, TRUSTEEL ROGUE MINERALS, LLC of Cimarex Energy Co.'s application for approval of a spacing unit and compulsory pooling, Eddy 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 July 7, 2022, at 1220 S. St. Francis, Santa Fe, New Mexico, 87505. However, under the current COVID-19 Public Health 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. 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 640-acre, more or less, spacing and proration unit comprised of the E/2 of Sections 12 and 13, Township 25 South, Range 28 East, NMPM, Eddy County, New Mexico, and (2) pooling all uncommitted mineral interests in the Wolfcamp formation, designated as a gas pool, underlying said unit. Cimarex proposes and dedicates to the HSU the Riverbend 12-13 Federal Com 2H Well, Riverbend 12-13 MINERALS, LLC of Cimarex Energy Co.'s application for ap-Riverbend 12-13 Federal Com 2H Well, Riverbend 12-13 Federal Com 2H Well, Riverbend 12-13 Federal Com 20H Well, and Riverbend 12-13 Federal Com 20H Well, as initial wells, to be drilled to a depth sufficient to test the Wolfcamp formation. Cimarex proposes the Riverbend 12-13 Federal Com 1H Well, a gas well, to be hor-Riverbend 12-13 Federal Com 1H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13. Cimarex proposes the Riverbend 12-13 Federal Com 2H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SE/4 SE/4 (Unit P) of Section 13. Cimarex proposes the Riverbend 12-13 Federal Com 19H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13. Cimarex proposes the Riverbend 12-13 Federal Com 20H Well, a gas well, to be horizontally drilled from a surface 20H Well, a gas well, to be horizontally drilled from a surface location in the SE/4 SW/4 (Unit N) of Section 1 to a bottom hole location in the SW/4 SE/4 (Unit O) of Section 13. The proposed wells will be located in the Purple Sage; Wolfcamp Pool (Code 98220), are unorthodox in their location. tions, as the take points, at 100' from the boundaries of the unit extend into the setback requirements of the Special Rules for the Purple Sage Wolfcamp Pool (Order No. R-14262). Accordingly, Cimarex will apply administratively for approval of nonstandard locations (NSLs). Also to be considapproval of nonstandard locations (NSLS). 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 miles north of the New Mexico state line and approximately. 66 miles southwest of Hobbs, New Mexico. #5302845, Current Argus, June 21, 2022

EXHIBIT

**C-3**