

**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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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

**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.

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

Darin C. Savage

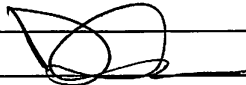
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Attorneys for Cimarex Energy Co.

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.

COMPULSORY POOLING APPLICATION CHECKLIST	
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, 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, 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 Mailed Notice of Hearing (20 days before hearing)	Exhibit C-2

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 provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Darin C. Savage
Signed Name (Attorney or Party Representative):	
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 Case No. 22894, 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.

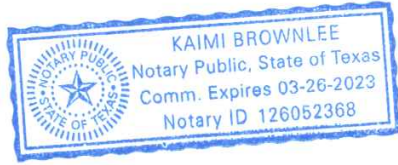
[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT



Riley Morris

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





Notary Public

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

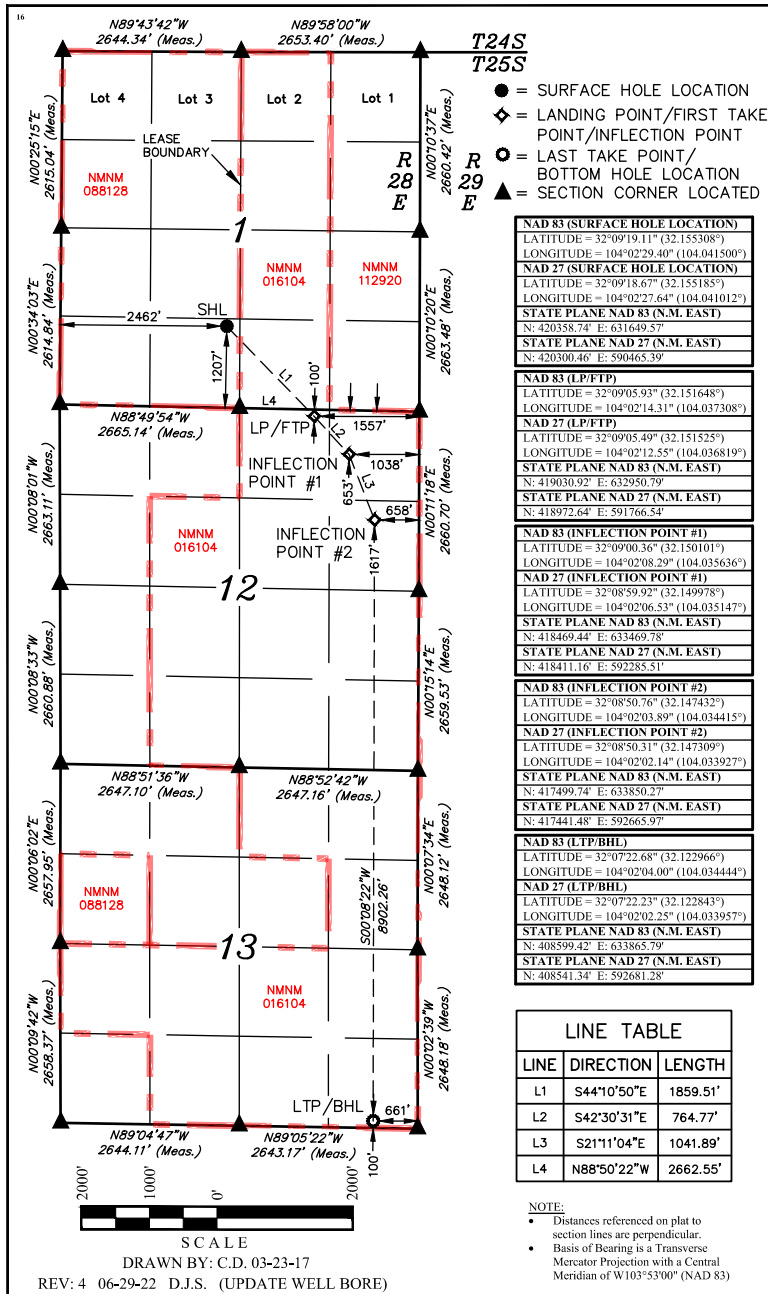
Table with 6 columns: 1 API Number, 2 Pool Code, 3 Pool Name, 4 Property Code, 5 Property Name, 6 Well Number, 7 OGRID No., 8 Operator Name, 9 Elevation.

Table with 10 columns: 10 Surface Location (UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County).

Table with 10 columns: 11 Bottom Hole Location If Different From Surface (UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County).

Table with 4 columns: 12 Dedicated Acres, 13 Joint or Infill, 14 Consolidation Code, 15 Order No.

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



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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

Table with 2 columns: Point Name (e.g., NAD 83 SURFACE HOLE LOCATION), Coordinates (Latitude, Longitude, State Plane NAD 83, State Plane NAD 27).

LINE TABLE
LINE DIRECTION LENGTH
L1 S44°10'50"E 1859.51'
L2 S42°30'31"E 764.77'
L3 S21°11'04"E 1041.89'
L4 N88°50'22"W 2662.55'

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

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

December 12, 2017
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number: _____

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

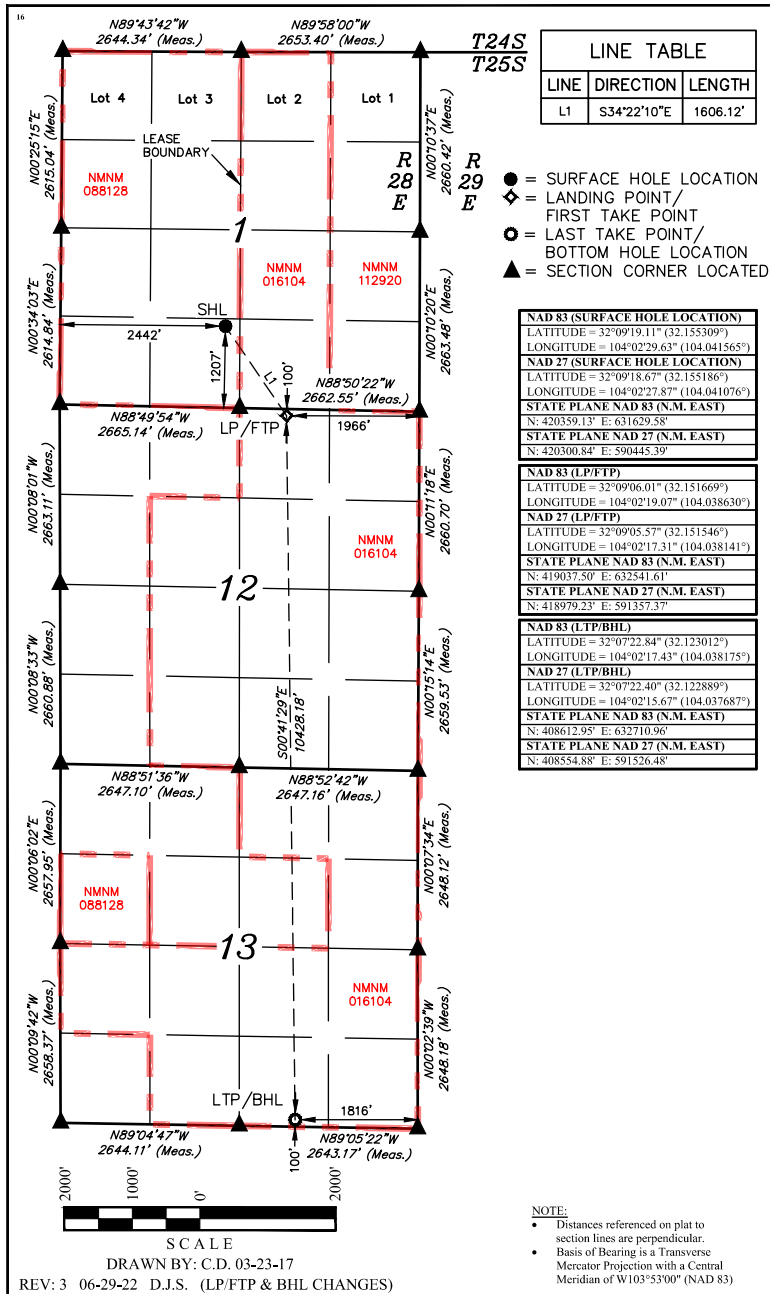
Table with 3 columns: API Number, Pool Code, Pool Name; Property Code, Property Name, Well Number; OGRID No., Operator Name, Elevation.

Surface Location table with columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

Bottom Hole Location If Different From Surface table with columns: UL or lot no., Section, Township, Range, Lot Idn, Feet from the, North/South line, Feet from the, East/West line, County.

Dedicated Acres, Joint or Infill, Consolidation Code, Order No.

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



LINE TABLE with columns: LINE, DIRECTION, LENGTH. Row 1: L1, S34°22'10"E, 1606.12'

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

Table of coordinates for various points: NAD 83 (SURFACE HOLE LOCATION), NAD 27 (SURFACE HOLE LOCATION), NAD 83 (LP/FTP), NAD 27 (LP/FTP), NAD 83 (LTP/BHL), NAD 27 (LTP/BHL).

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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

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

December 12, 2017

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number: _____

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

SCALE
DRAWN BY: C.D. 03-23-17
REV: 3 06-29-22 D.J.S. (LP/FTP & BHL CHANGES)

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

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

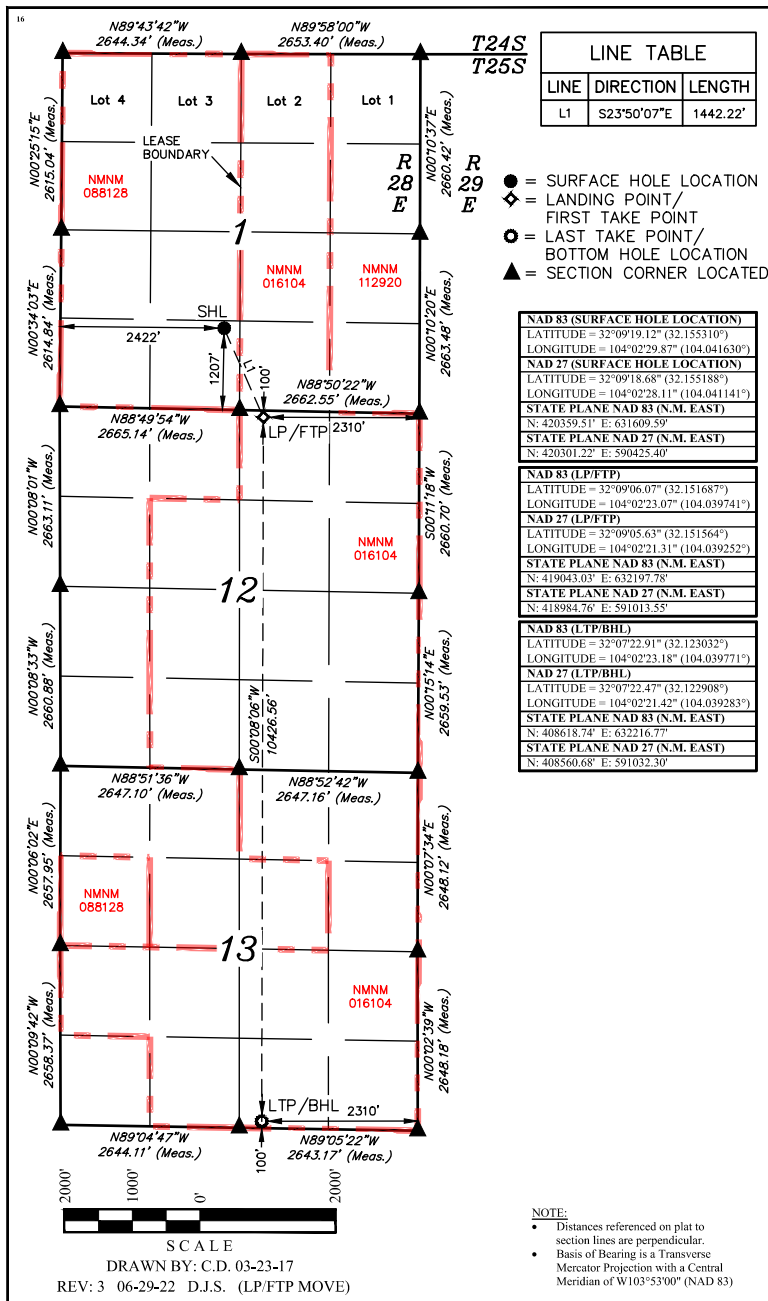
¹ API Number		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name		⁶ Well Number	
		RIVERBEND 12-13 FEDERAL COM		20H	
⁷ OGRID No.		⁸ Operator Name		⁹ Elevation	
		CIMAREX ENERGY CO.		2935.0'	

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	I	25S	28E		1207	SOUTH	2422	WEST	EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	13	25S	28E		100	SOUTH	2310	EAST	EDDY

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

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



¹⁷ OPERATOR CERTIFICATION

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

Signature _____ Date _____

Printed Name _____

E-mail Address _____

¹⁸ SURVEYOR CERTIFICATION

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

December 12, 2017

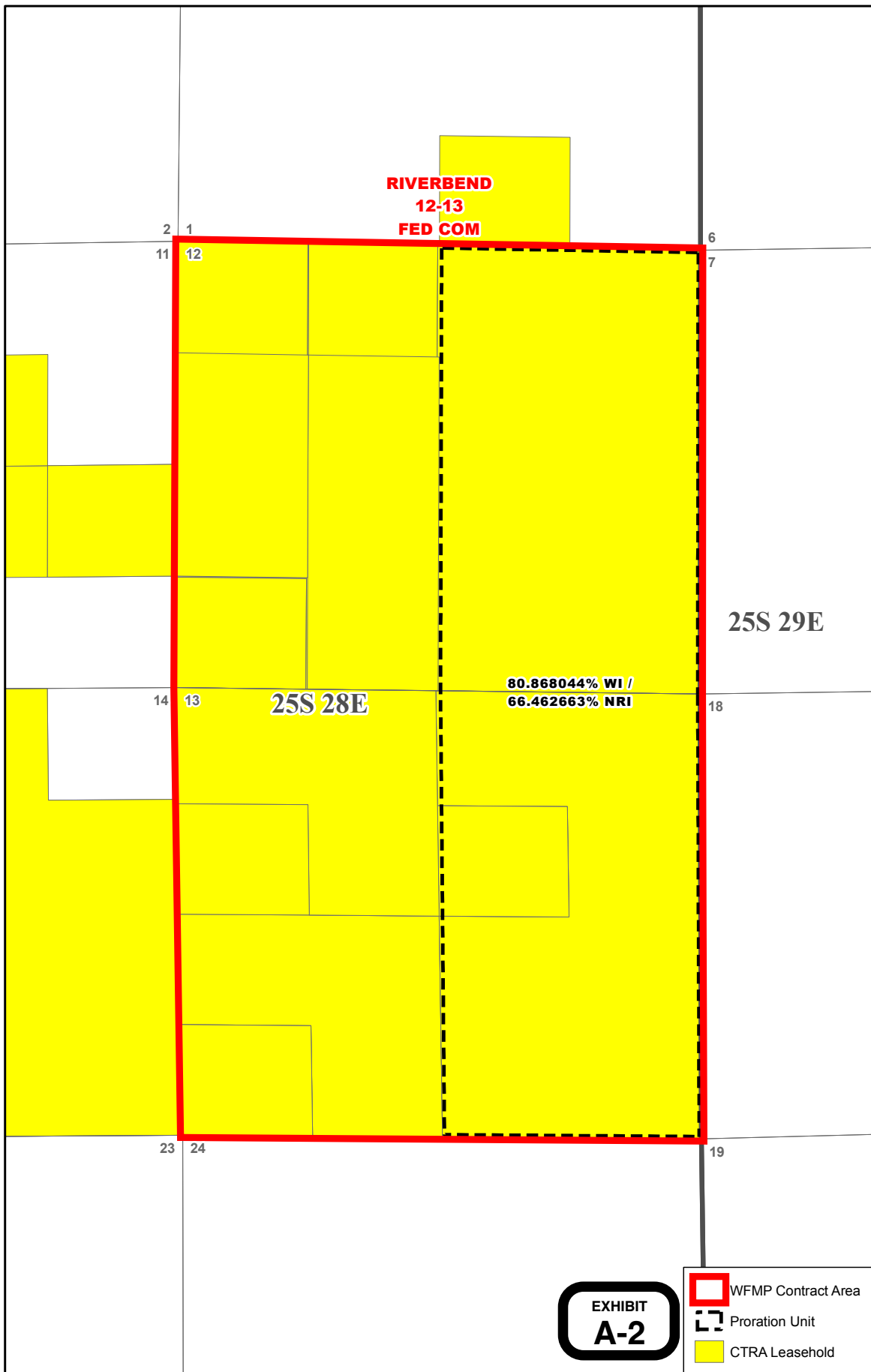
Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number: _____

NOTE:

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



Contractual Ownership (Proposed) Sub-Contract Area 3 E2 of Sections 12 & 13, T2SS-R28E, Eddy County, NM Wolfcamp Formation Ownership *Limited to depths from the top of the Wolfcamp Formation down to the base of the Wolfcamp Formation.											
Name	Address	Tract	Oper Agr	WI	NRI	Tract Factor	Working Interest Proposed	Net Revenue Interest Proposed	Total Proposed WI	Total Proposed NRI	Type
Magnum Hunter Production, Inc.	600 N. Mariefeld 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. Mariefeld 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	0.00333333	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	0.00333333	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
Inmerarity 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	0.00000000	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	R1
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	R1
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	R1
									1.00000000	1.00000000	

Ownership set out herein updates (i) that certain Supplemental Drilling Title Opinion to 2nd Amended Drilling Title Opinion dated September 23, 2019, rendered by Bouty & Wozniak, P.C. for Cimarex Energy Company, covering All of Section 12, T25S-R28E, Eddy County, NM, and (ii) that certain Second Supplemental Drilling Title Opinion dated October 4, 2019, rendered by Bouty & Wozniak, P.C. for Cimarex Energy Company, covering All of Section 13, T25S-R28E, Eddy County, NM, along with contractual ownership rendered by VanVekhoven 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 set out therein.

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, T25S-R28E, limited to the depths set out above.

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

<u>Entity Name</u>	<u>Working Interest Percentage</u>
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:	100.00000000%

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’.

Riverbend 12-13 Federal Com 2H - 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 **TO** participate in the proposed Riverbend 12-13 Federal Com 1H well.

_____ Devon Energy Production Company, LP elects **NOT** to participate in the proposed Riverbend 12-13 Federal Com 1H well.

Dated this ____ day of _____, 2022.

Signature: _____

Title: _____

If your election above is TO participate in the proposed Riverbend 12-13 Federal Com 1H well, then:

_____ Devon Energy Production Company, LP elects **TO** be covered by well control insurance procured by Cimarex Energy Co.

_____ Devon Energy Production Company, LP elects **NOT** 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 2H**

_____ Devon Energy Production Company, LP elects **TO** participate in the proposed Riverbend 12-13 Federal Com 2H well.

_____ Devon Energy Production Company, LP elects **NOT** to participate in the proposed Riverbend 12-13 Federal Com 2H well.

Dated this ____ day of _____, 2022.

Signature: _____

Title: _____

If your election above is TO participate in the proposed Riverbend 12-13 Federal Com 2H well, then:

_____ Devon Energy Production Company, LP elects **TO** be covered by well control insurance procured by Cimarex Energy Co.

_____ Devon Energy Production Company, LP elects **NOT** 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 19H**

_____ Devon Energy Production Company, LP elects **TO** participate in the proposed Riverbend 12-13 Federal Com 19H well.

_____ Devon Energy Production Company, LP elects **NOT** to participate in the proposed Riverbend 12-13 Federal Com 19H well.

Dated this ____ day of _____, 2022.

Signature: _____

Title: _____

If your election above is TO participate in the proposed Riverbend 12-13 Federal Com 19H well, then:

_____ Devon Energy Production Company, LP elects **TO** be covered by well control insurance procured by Cimarex Energy Co.

_____ Devon Energy Production Company, LP elects **NOT** 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 **TO** participate in the proposed Riverbend 12-13 Federal Com 20H well.

_____ Devon Energy Production Company, LP elects **NOT** to participate in the proposed Riverbend 12-13 Federal Com 20H well.

Dated this ____ day of _____, 2022.

Signature: _____

Title: _____

If your election above is TO participate in the proposed Riverbend 12-13 Federal Com 20H well, then:

_____ Devon Energy Production Company, LP elects **TO** be covered by well control insurance procured by Cimarex Energy Co.

_____ Devon Energy Production Company, LP elects **NOT** 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	Well Name	Prospect	Property Number	AFE
Permian Basin	RIVERBEND 12-13 FEDERAL COM 1H	Carlsbad Bone Spring Prospect	300001-172.01	26821004
County, State	Location	Estimated Spud	Estimated Completion	
Eddy, NM	E/2 of Sections 12 & 13, Township 25 South, Range 28 East, Eddy County, NM	10/1/2020	11/1/2020	
<input checked="" type="checkbox"/> New <input type="checkbox"/> Supplement <input type="checkbox"/> Revision	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
	Wolfcamp	DEV	19,490	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.

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

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

4/6/2022

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

AFE # 26821004

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost
Roads & Location	DIDC.100	125,000			STIM.100	10,000	CON.100	19,395	PCOM.100	10,000	164,395
Damages	DIDC.105	30,000					CON.105	5,450			35,450
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					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									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			STIM.145	35,000			PCOM.145	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					66,000
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									110,000
Directional Drilling Services	DIDC.245	218,000									218,000
Solids Control	DIDC.260	44,000									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					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					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							CON.505	28,016			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									73,000
Intermediate Casing 1	DWEB.145	408,000									408,000
Production Casing or Liner			DWEA.100	145,000							145,000
Tubing					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
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			11,915
WALKOVERS							CONT.390	2,536			2,536
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	0	80,000
N/C Lease Equipment							CONT.400	222,473			222,473
Battery Equipment							CONT.410	161,500			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	44,368			44,368
Lease Automation Materials							CONT.455	44,368			44,368
FL/GL - Materials							CONT.550	37,015			37,015
FL/GL - Line Pipe							CONT.555	77,707			77,707
Total Tangible Cost		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		356,000	9,130,000

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

AFE # 26821004

Description	BCP - Drilling			ACP - Drilling			Comp/Stim		
	Codes		Amount	Codes		Amount	Codes		Amount
Roads & Location	DIDC.100		125,000				STIM.100	CON.100	10,000
Damages	DIDC.105		30,000						
Mud/Fluids Disposal	DIDC.255		125,000				STIM.255		53,000
Day Rate	DIDC.115	DICC.120	350,000	DICC.120		60,000			
Misc Preparation	DIDC.120		20,000						
Bits	DIDC.125	DICC.125	62,000	DICC.125	STIM.125	0	STIM.125		0
Fuel	DIDC.135	DICC.130	42,000	DICC.130		0	STIM.135		20,000
Water for Drilling Rig (Not Frac Water)	DIDC.140	DICC.135	25,000	DICC.135	STIM.135	0	STIM.135		
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				STIM.145		35,000
Flowback Labor							STIM.141		0
Automation Labor									
Mud Logging	DIDC.170		21,000						
IPC & EXTERNAL PAINTING									
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	DICC.165	STIM.165	15,000	STIM.165		0
Mechanical Labor	DIDC.200	DICC.170	28,000	DICC.170	STIM.170	10,000	STIM.170	CON.170	0
Trucking/Transportation	DIDC.205	DICC.175	18,000	DICC.175	STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	70,000	DICC.180	STIM.180	9,000	STIM.180	CON.180	45,000
Trailer House/Camp/Catering	DIDC.280	DICC.255	38,000	DICC.255	STIM.280	5,000	STIM.280		23,000
Other Misc Expenses	DIDC.220	DICC.190	5,000	DICC.190	STIM.190	0	STIM.190	CON.190	79,000
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						
Directional Drilling Services	DIDC.245		218,000						
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							STIM.115		21,000
Coil Tubing Services							STIM.260		164,000
Completion Logging/Perforating/Wireline							STIM.200		253,000
Composite Plugs							STIM.390		41,000
Stimulation							STIM.210		2,809,000
Stimulation Water/Water Transfer/Water							STIM.395		157,000
Cimarex Owned Frac/Rental Equipment							STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						
Major Construction Overhead									
FL/GL - ON PAD LABOR									
FL/GL - Labor									
FL/GL - Supervision									
Survey									
Contingency	DIDC.435	DICC.220	84,000	DICC.220	STIM.220	9,000	STIM.220	CON.220	198,000
Contingency									
Total Intangible Cost			2,024,000			191,000			4,167,000
Conductor Pipe	DWEB.130		8,000						
Water String	DWEB.135		18,000						
Surface Casing	DWEB.140		73,000						
Intermediate Casing 1	DWEB.145		408,000						
Production Casing or Liner				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		38,000
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		55,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS									
PUMPS									
WALKOVERS									
Downhole Lift Equipment							STIMT.410		80,000
N/C Lease Equipment									
Battery Equipment									
Secondary Containments									
Facility Electrical									
Telecommunication Equipment									
Meters and Metering Equipment									
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials									
FL/GL - Line Pipe									
Total Tangible Cost			545,000			218,000			229,000
Total Estimated Cost			2,569,000			409,000			4,396,000

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

AFE # 26821004

Description	Production Equip			Post Completion			Total Cost
	Codes	Amount	Codes	Amount	Amount		
Roads & Location	CON.100	19,395	PCOM.100	Road Repair	10,000		164,395
Damages	CON.105	5,450					35,450
Mud/Fluids Disposal			PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000		346,000
Day Rate							410,000
Misc Preparation							20,000
Bits			PCOM.125		0		62,000
Fuel			PCOM.130		0		42,000
Water for Drilling Rig (Not Frac Water)			PCOM.135		0		45,000
Mud & Additives							150,000
Surface Rentals	CON.140	3,296	PCOM.140	\$1500/day for anticipated 30 days	45,000		272,296
Downhole Rentals			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		48,171
Mud Logging							21,000
IPC & EXTERNAL PAINTING	CON.165	13,691					13,691
Cementing & Float Equipment							175,000
Tubular Inspections			PCOM.160		0		64,000
Casing Crews							30,000
Mechanical Labor	CON.170	196,867	PCOM.170		0		234,867
Trucking/Transportation	CON.175	7,099	PCOM.175		0		37,099
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							110,000
Directional Drilling Services							218,000
Solids Control							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			PCOM.390		0		41,000
Stimulation Pumping/Chemicals/Additives/Sand			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
FL/GL - ON PAD LABOR	CON.495	65,411					65,411
FL/GL - Labor	CON.500	134,499					134,499
FL/GL - Supervision	CON.505	28,016					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							8,000
Water String							18,000
Surface Casing							73,000
Intermediate Casing 1							408,000
Production Casing or Liner							145,000
Tubing			PCOMT.105		0		83,000
Wellhead, Tree, Chokes			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					11,915
WALKOVERS	CONT.390	2,536					2,536
Downhole Lift Equipment			PCOMT.410		0		80,000
N/C Lease Equipment	CONT.400	222,473					222,473
Battery Equipment	CONT.410	161,500					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	44,368					44,368
Lease Automation Materials	CONT.455	44,368					44,368
FL/GL - Materials	CONT.550	37,015					37,015
FL/GL - Line Pipe	CONT.555	77,707					77,707
Total Tangible Cost		680,984			10,000		1,682,984
Total Estimated Cost		1,400,000			356,000		9,130,000

COTERRA Authorization For Expenditure Drilling AFE # 26821005

Company Entity _____ Date Prepared 4/6/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	RIVERBEND 12-13 FEDERAL COM 2H	Carlsbad Bone Spring Prospect	300001-173.01	26821005

County, State	Location	Estimated Spud	Estimated Completion
Eddy, NM	E/2 of Section 12 & 13, Township 25 South, Range 28 East, Eddy County, NM	10/1/2020	11/1/2020

<input checked="" type="checkbox"/> New	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
<input type="checkbox"/> Supplement	Wolfcamp	DEV	19,749	9,789
<input type="checkbox"/> Revision				

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 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.

Intangible	Dry Hole	After Casing Point	Completed Well Cost
Drilling Costs	\$2,024,000		\$2,024,000
Completion Costs		\$5,423,016	\$5,423,016
Total Intangible Cost	\$2,024,000	\$5,423,016	\$7,447,016

Tangible	Dry Hole	After Casing Point	Completed Well Cost
Well Equipment	\$545,000	\$457,000	\$1,002,000
Lease Equipment		\$680,984	\$680,984
Total Tangible Cost	\$545,000	\$1,137,984	\$1,682,984

Total Well Cost \$2,569,000 \$6,561,000 \$9,130,000

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

4/6/2022

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

AFE # 26821005

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost
Roads & Location	DIDC.100	125,000			STIM.100	10,000	CON.100	19,395	PCOM.100	10,000	164,395
Damages	DIDC.105	30,000					CON.105	5,450			35,450
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					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									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			STIM.145	35,000			PCOM.145	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					66,000
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									110,000
Directional Drilling Services	DIDC.245	218,000									218,000
Solids Control	DIDC.260	44,000									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					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					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							CON.505	28,016			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									73,000
Intermediate Casing 1	DWEB.145	408,000									408,000
Production Casing or Liner			DWEA.100	145,000							145,000
Tubing					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
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			11,915
WALKOVERS							CONT.390	2,536			2,536
Downhole Lift Equipment					STIMT.410	80,000			PCOMT.410	0	80,000
N/C Lease Equipment							CONT.400	222,473			222,473
Battery Equipment							CONT.410	161,500			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	44,368			44,368
Lease Automation Materials							CONT.455	44,368			44,368
FL/GL - Materials							CONT.550	37,015			37,015
FL/GL - Line Pipe							CONT.555	77,707			77,707
Total Tangible Cost		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		356,000	9,130,000

COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL
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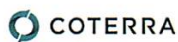
AFE # 26821005

Description	BCP - Drilling			ACP - Drilling			Comp/Stim		
	Codes		Amount	Codes		Amount	Codes		Amount
Roads & Location	DIDC.100		125,000				STIM.100	CON.100	10,000
Damages	DIDC.105		30,000						
Mud/Fluids Disposal	DIDC.255		125,000				STIM.255		53,000
Day Rate	DIDC.115	DICC.120	350,000	DICC.120		60,000			
Misc Preparation	DIDC.120		20,000						
Bits	DIDC.125	DICC.125	62,000	DICC.125	STIM.125	0	STIM.125		0
Fuel	DIDC.135	DICC.130	42,000	DICC.130		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				STIM.145		35,000
Flowback Labor							STIM.141		0
Automation Labor									
Mud Logging	DIDC.170		21,000						
IPC & EXTERNAL PAINTING									
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	DICC.165	STIM.165	15,000	STIM.165		0
Mechanical Labor	DIDC.200	DICC.170	28,000	DICC.170	STIM.170	10,000	STIM.170	CON.170	0
Trucking/Transportation	DIDC.205	DICC.175	18,000	DICC.175	STIM.175	8,000	STIM.175	CON.175	4,000
Supervision	DIDC.210	DICC.180	70,000	DICC.180	STIM.180	9,000	STIM.180	CON.180	45,000
Trailer House/Camp/Catering	DIDC.280	DICC.255	38,000	DICC.255	STIM.280	5,000	STIM.280		23,000
Other Misc Expenses	DIDC.220	DICC.190	5,000	DICC.190	STIM.190	0	STIM.190	CON.190	79,000
Overhead	DIDC.225	DICC.195	10,000	DICC.195		5,000			
MOB/DEMOB	DIDC.240		110,000						
Directional Drilling Services	DIDC.245		218,000						
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							STIM.115		21,000
Coil Tubing Services							STIM.260		164,000
Completion Logging/Perforating/Wireline							STIM.200		253,000
Composite Plugs							STIM.390		41,000
Stimulation							STIM.210		2,809,000
Stimulation Water/Water Transfer/Water							STIM.395		157,000
Cimarex Owned Frac/Rental Equipment							STIM.305		60,000
Legal/Regulatory/Curative	DIDC.300		10,000						
Well Control Insurance	DIDC.285		7,000						
Major Construction Overhead									
FL/GL - ON PAD LABOR									
FL/GL - Labor									
FL/GL - Supervision									
Survey									
Contingency	DIDC.435	DICC.220	84,000	DICC.220	STIM.220	9,000	STIM.220	CON.220	198,000
Contingency									
Total Intangible Cost			2,024,000			191,000			4,167,000
Conductor Pipe	DWEB.130		8,000						
Water String	DWEB.135		18,000						
Surface Casing	DWEB.140		73,000						
Intermediate Casing 1	DWEB.145		408,000						
Production Casing or Liner				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		38,000
Liner Hanger, Isolation Packer	DWEB.100	DWEA.125	0	DWEA.125		55,000			
Packer, Nipples							STIMT.400		28,000
SHORT ORDERS									
PUMPS									
WALKOVERS									
Downhole Lift Equipment							STIMT.410		80,000
N/C Lease Equipment									
Battery Equipment									
Secondary Containments									
Facility Electrical									
Telecommunication Equipment									
Meters and Metering Equipment									
Facility Line Pipe									
Lease Automation Materials									
FL/GL - Materials									
FL/GL - Line Pipe									
Total Tangible Cost			545,000			218,000			229,000
Total Estimated Cost			2,569,000			409,000			4,396,000

COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL
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AFE # 26821005

Description	Production Equip			Post Completion			Total
	Codes	Amount	Codes	Amount	Cost		
Roads & Location	CON.100	19,395	PCOM.100	Road Repair	10,000		164,395
Damages	CON.105	5,450					35,450
Mud/Fluids Disposal			PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000		346,000
Day Rate							410,000
Misc Preparation							20,000
Bits			PCOM.125		0		62,000
Fuel			PCOM.130		0		42,000
Water for Drilling Rig (Not Frac Water)			PCOM.135		0		45,000
Mud & Additives							150,000
Surface Rentals	CON.140	3,296	PCOM.140	\$1500/day for anticipated 30 days	45,000		272,296
Downhole Rentals			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		48,171
Mud Logging							21,000
IPC & EXTERNAL PAINTING	CON.165	13,691					13,691
Cementing & Float Equipment							175,000
Tubular Inspections			PCOM.160		0		64,000
Casing Crews							30,000
Mechanical Labor	CON.170	196,867	PCOM.170		0		234,867
Trucking/Transportation	CON.175	7,099	PCOM.175		0		37,099
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							110,000
Directional Drilling Services							218,000
Solids Control							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			PCOM.390		0		41,000
Stimulation Pumping/Chemicals/Additives/Sand			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
FL/GL - ON PAD LABOR	CON.495	65,411					65,411
FL/GL - Labor	CON.500	134,499					134,499
FL/GL - Supervision	CON.505	28,016					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							8,000
Water String							18,000
Surface Casing							73,000
Intermediate Casing 1							408,000
Production Casing or Liner							145,000
Tubing			PCOMT.105		0		83,000
Wellhead, Tree, Chokes			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					11,915
WALKOVERS	CONT.390	2,536					2,536
Downhole Lift Equipment			PCOMT.410		0		80,000
N/C Lease Equipment	CONT.400	222,473					222,473
Battery Equipment	CONT.410	161,500					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	44,368					44,368
Lease Automation Materials	CONT.455	44,368					44,368
FL/GL - Materials	CONT.550	37,015					37,015
FL/GL - Line Pipe	CONT.555	77,707					77,707
Total Tangible Cost		680,984			10,000		1,682,984
Total Estimated Cost		1,400,000			356,000		9,130,000



Authorization For Expenditure Drilling

AFE # 26821006

Company Entity

Date Prepared
4/6/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	RIVERBEND 12-13 FEDERAL COM 19H	Carlsbad Bone Spring Prospect	300001-174.01	26821006
County, State	Location	Estimated Spud	Estimated Completion	
Eddy, NM	E/2 OF SECTIONS 12 & 13, TOWNSHIP 25 SOUTH, RANGE 28 EAST, EDDY COUNTY, NM	10/1/2020	11/1/2020	
<input checked="" type="checkbox"/> New	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
<input type="checkbox"/> Supplement	Wolfcamp	DEV	19,996	9,778
<input type="checkbox"/> Revision				

Purpose Drill and complete well

Description

Drilling 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.

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

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

4/6/2022

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

AFE # 26821006

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total Cost
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	
Roads & Location	DIDC.100	50,000			STIM.100	10,000	CON.100	12,750	PCOM.100	10,000	82,750
Damages	DIDC.105	6,000					CON.105	3,583			9,583
Mud/Fluids Disposal	DIDC.255	160,000			STIM.255	62,000			PCOM.255	168,000	390,000
Day Rate	DIDC.115	550,000	DICC.120	88,000							638,000
Misc Preparation	DIDC.120	35,000									35,000
Bits	DIDC.125	75,000	DICC.125	0	STIM.125	0			PCOM.125	0	75,000
Fuel	DIDC.135	57,000	DICC.130	0					PCOM.130	0	57,000
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0	STIM.135	24,000			PCOM.135	0	29,000
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	55,000
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							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
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					112,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	0	CON.190	10,167	PCOM.190	0	15,167
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000
MOB/DEMOB	DIDC.240	50,000									50,000
Directional Drilling Services	DIDC.245	479,000									479,000
Solids Control	DIDC.260	104,000									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					STIM.115	21,000			PCOM.115	0	21,000
Coil Tubing Services					STIM.260	222,000			PCOM.260	0	222,000
Completion Logging/Perforating/Wireline					STIM.200	365,000			PCOM.200	0	365,000
Composite Plugs					STIM.390	96,000			PCOM.390	0	96,000
Stimulation Pumping/Chemicals/Additives/Sand					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									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	DIDC.435	134,000	DICC.220	11,000	STIM.220	189,000	CON.220	60,583	PCOM.220	11,000	405,583
Contingency							CON.221	23,083			23,083
Total Intangible Cost		2,820,000		228,000		3,965,000		472,668		368,000	7,853,668
Water String	DWEB.135	15,000									15,000
Surface Casing	DWEB.140	66,000									66,000
Intermediate Casing 1	DWEB.145	322,000									322,000
Production Casing or Liner			DWEA.100	195,000							195,000
Tubing					STIM.105	75,000			PCOM.105	0	75,000
Wellhead, Tree, Chokes	DWEB.115	16,000	DWEA.120	18,000	STIM.120	50,000			PCOM.120	10,000	94,000
Liner Hanger, Isolation Packer	DWEB.100	0	DWEA.125	98,000					PCOM.400	0	98,000
Packer, Nipples					STIM.400	28,000					28,000
SHORT ORDERS							CONT.380	5,000			5,000
PUMPS							CONT.385	7,833			7,833
WALKOVERS							CONT.390	1,667			1,667
Downhole Lift Equipment					STIM.410	80,000			PCOM.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			9,500
Facility Electrical							CONT.425	7,500			7,500
Telecommunication Equipment							CONT.426	250			250
Meters and Metering Equipment							CONT.445	29,750			29,750
Facility Line Pipe							CONT.450	29,167			29,167
Lease Automation Materials							CONT.455	29,167			29,167
FL/GL - Materials							CONT.550	24,333			24,333
FL/GL - Line Pipe							CONT.555	51,083			51,083
Total Tangible Cost		419,000		311,000		233,000		447,667		10,000	1,420,667
Total Estimated Cost		3,239,000		539,000		4,198,000		920,335		378,000	9,274,335

COTERRA Authorization For Expenditure - RIVERBEND 12-13 FEDERAL
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AFE # 26821006

Description	BCP - Drilling			ACP - Drilling			Comp/Stim	
	Codes	Amount	Codes	Amount	Codes	Amount		Amount
Roads & Location	DIDC.100	50,000			STIM.100			10,000
Damages	DIDC.105	6,000						
Mud/Fluids Disposal	DIDC.255	160,000			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	35,000						
Bits	DIDC.125	75,000	DICC.125	0	STIM.125			0
Fuel	DIDC.135 1,300 gal/day at \$1.50/gal	57,000	DICC.130	0				
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0	STIM.135			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			0
Flowback Labor					STIM.141			0
Automation Labor								
Mud Logging	DIDC.170 20 days at \$1,200/day	29,000						
IPC & EXTERNAL PAINTING								
Cementing & Float Equipment	DIDC.185	145,000	DICC.155	63,000				
Tubular Inspections	DIDC.190	50,000	DICC.160	5,000	STIM.160			4,000
Casing Crews	DIDC.195	20,000	DICC.165	13,000	STIM.165			0
Mechanical Labor	DIDC.200	20,000	DICC.170	10,000	STIM.170			0
Trucking/Transportation	DIDC.205	25,000	DICC.175	8,000	STIM.175			4,000
Supervision	DIDC.210	102,000	DICC.180	14,000	STIM.180			74,000
Trailer House/Camp/Catering	DIDC.280	51,000	DICC.255	6,000	STIM.280			55,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190			0
Overhead	DIDC.225	10,000	DICC.195	5,000				
MOB/DEMOB	DIDC.240	50,000						
Directional Drilling Services	DIDC.245	479,000						
Solids Control	DIDC.260	104,000						
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					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					STIM.305			0
Legal/Regulatory/Curative	DIDC.300	10,000						
Well Control Insurance	DIDC.285 \$0.35/ft	7,000						
Major Construction Overhead								
FL/GL - ON PAD LABOR								
FL/GL - Labor								
FL/GL - Supervision								
Survey								
Contingency	DIDC.435 500 % of Drilling Intangibles	134,000	DICC.220	11,000	STIM.220			189,000
Contingency								
Total Intangible Cost:		2,820,000		228,000				3,965,000
Water String	DWEB.135	15,000						
Surface Casing	DWEB.140 9 5/8" - 2,635ft at \$25.00/ft	66,000						
Intermediate Casing 1	DWEB.145 7" - 9,930ft at \$30.00/ft	322,000						
Production Casing or Liner Tubing			DWEA.100 4 1/2" - 13,020ft at \$15.00/ft	195,000				
Wellhead, Tree, Chokes	DWEB.115	16,000	DWEA.120	18,000	STIMT.105 3-1/2" - 8,300ft at \$9.00/ft			75,000
Liner Hanger, Isolation Packer	DWEB.100	0	DWEA.125	98,000	STIMT.120			50,000
Packer, Nipples					STIMT.400			28,000
SHORT ORDERS								
PUMPS								
WALKOVERS								
Downhole Lift Equipment					STIMT.410			80,000
N/C Lease Equipment								
Battery Equipment								
Secondary Containments								
Facility Electrical								
Telecommunication Equipment								
Meters and Metering Equipment								
Facility Line Pipe								
Lease Automation Materials								
FL/GL - Materials								
FL/GL - Line Pipe								
Total Tangible Cost:		419,000		311,000				233,000
Total Estimated Cost		3,239,000		539,000				4,198,000

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

AFE # 26821006

Description	Production Equip			Post Completion			Total Cost
	Codes	Amount	Codes	Amount	Amount		
Roads & Location	CON.100	12,750	PCOM.100	Road Repair	10,000	82,750	
Damages	CON.105	3,583				9,583	
Mud/Fluids Disposal			PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	390,000	
Day Rate						638,000	
Misc Preparation						35,000	
Bits			PCOM.125		0	75,000	
Fuel			PCOM.130		0	57,000	
Water for Drilling Rig (Not Frac Water)			PCOM.135		0	29,000	
Mud & Additives						250,000	
Surface Rentals	CON.140	2,167	PCOM.140	\$1500/day for anticipated 30 days	45,000	355,167	
Downhole Rentals			PCOM.145		0	168,000	
Flowback Labor			PCOM.141	\$2200/day for anticipated 15 days	55,000	55,000	
Automation Labor	CON.150	31,667	PCOM.150		0	31,667	
Mud Logging						29,000	
IPC & EXTERNAL PAINTING	CON.165	9,000				9,000	
Cementing & Float Equipment						208,000	
Tubular Inspections			PCOM.160		0	59,000	
Casing Crews						33,000	
Mechanical Labor	CON.170	129,417	PCOM.170		0	159,417	
Trucking/Transportation	CON.175	4,667	PCOM.175		0	41,667	
Supervision	CON.180	16,500	PCOM.180		0	206,500	
Trailer House/Camp/Catering						112,000	
Other Misc Expenses	CON.190	10,167	PCOM.190		0	15,167	
Overhead						15,000	
MOB/DEMOB						50,000	
Directional Drilling Services						479,000	
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			PCOM.200		0	365,000	
Composite Plugs			PCOM.390		0	96,000	
Stimulation Pumping/Chemicals/Additives/Sand			PCOM.210		0	2,340,000	
Stimulation Water/Water Transfer/Water						229,000	
Cimarex 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	
Total Intangible Cost		472,668			368,000	7,853,668	
Water String						15,000	
Surface Casing						66,000	
Intermediate Casing 1						322,000	
Production Casing or Liner						195,000	
Tubing			PCOMT.105		0	75,000	
Wellhead, Tree, Chokes			PCOMT.120	Welded hairpin	10,000	94,000	
Liner Hanger, Isolation Packer						98,000	
Packer, Nipples			PCOMT.400		0	28,000	
SHORT ORDERS	CONT.380	5,000				5,000	
PUMPS	CONT.385	7,833				7,833	
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				9,500	
Facility Electrical	CONT.425	7,500				7,500	
Telecommunication Equipment	CONT.426	250				250	
Meters and Metering Equipment	CONT.445	29,750				29,750	
Facility Line Pipe	CONT.450	29,167				29,167	
Lease Automation Materials	CONT.455	29,167				29,167	
FL/GL - Materials	CONT.550	24,333				24,333	
FL/GL - Line Pipe	CONT.555	51,083				51,083	
Total Tangible Cost		447,667			10,000	1,420,667	
Total Estimated Cost		920,335			378,000	9,274,335	



Authorization For Expenditure Drilling

AFE # 26821007

Company Entity

Date Prepared
4/6/2022

Exploration Region	Well Name	Prospect	Property Number	AFE
Permian Basin	RIVERBEND 12-13 FEDERAL COM 20H	Carlsbad Bone Spring Prospect	300001-175.01	26821007
County, State	Location	Estimated Spud	Estimated Completion	
Eddy, NM	E/2 OF SECTIONS 12 & 13, TOWNSHIP 25 SOUTH, RANGE 28 EAST, EDDY COUNTY, NM	10/1/2020	11/1/2020	
<input checked="" type="checkbox"/> New	Formation	Well Type	Ttl Measured Depth	Ttl Vertical Depth
<input type="checkbox"/> Supplement	Wolfcamp	DEV	20,651	9,714
<input type="checkbox"/> Revision				

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 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.

Intangible	Dry Hole	After Casing Point	Completed Well Cost
Drilling Costs	\$2,812,000		\$2,812,000
Completion Costs		\$5,033,668	\$5,033,668
Total Intangible Cost	\$2,812,000	\$5,033,668	\$7,845,668
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Well Equipment	\$427,000	\$553,000	\$980,000
Lease Equipment		\$447,667	\$447,667
Total Tangible Cost	\$427,000	\$1,000,667	\$1,427,667
Total Well Cost	\$3,239,000	\$6,034,335	\$9,273,335

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval

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

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

4/6/2022

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

AFE # 26821007

Description	BCP - Drilling		ACP - Drilling		Comp/Stim		Production Equip		Post Completion		Total
	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost
Roads & Location	DIDC.100	50,000			STIM.100	10,000	CON.100	12,750	PCOM.100	10,000	82,750
Damages	DIDC.105	6,000					CON.105	3,583			9,583
Mud/Fluids Disposal	DIDC.255	160,000			STIM.255	62,000			PCOM.255	168,000	390,000
Day Rate	DIDC.115	550,000	DICC.120	88,000							638,000
Misc Preparation	DIDC.120	35,000									35,000
Bits	DIDC.125	75,000	DICC.125	0	STIM.125	0			PCOM.125	0	75,000
Fuel	DIDC.135	57,000	DICC.130	0					PCOM.130	0	57,000
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0	STIM.135	24,000			PCOM.135	0	29,000
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	55,000
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							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
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					112,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	0	STIM.190	0	CON.190	10,167	PCOM.190	0	15,167
Overhead	DIDC.225	10,000	DICC.195	5,000							15,000
MOB/DEMOB	DIDC.240	50,000									50,000
Directional Drilling Services	DIDC.245	471,000									471,000
Solids Control	DIDC.260	104,000									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					STIM.115	21,000			PCOM.115	0	21,000
Coil Tubing Services					STIM.260	222,000			PCOM.260	0	222,000
Completion Logging/Perforating/Wireline					STIM.200	365,000			PCOM.200	0	365,000
Composite Plugs					STIM.390	96,000			PCOM.390	0	96,000
Stimulation Pumping/Chemicals/Additives/Sand					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									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	DIDC.435	134,000	DICC.220	11,000	STIM.220	189,000	CON.220	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	0	DWEA.125	98,000							98,000
Packer, Nipples					STIMT.400	28,000			PCOMT.400	0	28,000
SHORT ORDERS							CONT.380	5,000			5,000
PUMPS							CONT.385	7,833			7,833
WALKOVERS							CONT.390	1,667			1,667
Downhole Lift Equipment					STIMT.410	80,000			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			9,500
Facility Electrical							CONT.425	7,500			7,500
Telecommunication Equipment							CONT.426	250			250
Meters and Metering Equipment							CONT.445	29,750			29,750
Facility Line Pipe							CONT.450	29,167			29,167
Lease Automation Materials							CONT.455	29,167			29,167
FL/GL - Materials							CONT.550	24,333			24,333
FL/GL - Line Pipe							CONT.555	51,083			51,083
Total Tangible Cost		427,000		308,000		235,000		447,667		10,000	1,427,667
Total Estimated Cost		3,239,000		536,000		4,200,000		920,335		378,000	9,273,335

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

AFE # 26821007

Description	BCP - Drilling			ACP - Drilling			Comp/Stim	
	Codes	Amount	Codes	Amount	Codes	Amount		Amount
Roads & Location	DIDC.100	50,000				STIM.100		10,000
Damages	DIDC.105	6,000						
Mud/Fluids Disposal	DIDC.255	160,000				STIM.255		62,000
Day Rate	DIDC.115	24 days at \$22,000/day	DICC.120	4 days at \$22,000/day	88,000			
Misc Preparation	DIDC.120	35,000						
Bits	DIDC.125	75,000	DICC.125	0		STIM.125		0
Fuel	DIDC.135	1,300 gal/day at \$1.50/gal	DICC.130	0				
Water for Drilling Rig (Not Frac Water)	DIDC.140	5,000	DICC.135	0		STIM.135		24,000
Mud & Additives	DIDC.145	250,000						
Surface Rentals	DIDC.150	Per Day (BCP)/day	DICC.140	0		STIM.140		189,000
Downhole Rentals	DIDC.155	168,000				STIM.145		0
Flowback Labor						STIM.141		0
Automation Labor								
Mud Logging	DIDC.170	20 days at \$1,200/day						
IPC & EXTERNAL PAINTING								
Cementing & Float Equipment	DIDC.185	145,000	DICC.155	63,000				
Tubular Inspections	DIDC.190	50,000	DICC.160	5,000		STIM.160		4,000
Casing Crews	DIDC.195	20,000	DICC.165	13,000		STIM.165		0
Mechanical Labor	DIDC.200	20,000	DICC.170	10,000		STIM.170		0
Trucking/Transportation	DIDC.205	25,000	DICC.175	8,000		STIM.175		4,000
Supervision	DIDC.210	102,000	DICC.180	14,000		STIM.180		74,000
Trailer House/Camp/Catering	DIDC.280	51,000	DICC.255	6,000		STIM.280		55,000
Other Misc Expenses	DIDC.220	5,000	DICC.190	0		STIM.190		0
Overhead	DIDC.225	10,000	DICC.195	5,000				
MOB/DEMOB	DIDC.240	50,000						
Directional Drilling Services	DIDC.245	471,000						
Solids Control	DIDC.260	104,000						
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						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						STIM.305		0
Legal/Regulatory/Curative	DIDC.300	10,000						
Well Control Insurance	DIDC.285	\$0.35/ft						
Major Construction Overhead								
FL/GL - ON PAD LABOR								
FL/GL - Labor								
FL/GL - Supervision								
Survey								
Contingency	DIDC.435	500 % of Drilling Intangibles	DICC.220	11,000		STIM.220		189,000
Contingency								
Total Intangible Cost:		2,812,000		228,000				3,965,000
Water String	DWEB.135	15,000						
Surface Casing	DWEB.140	9 5/8" - 2.635ft at \$25.00/ft						
Intermediate Casing 1	DWEB.145	7" - 10,190ft at \$30.00/ft						
Production Casing or Liner			DWEA.100	4 1/2" - 12,810ft at \$15.00/ft	192,000			
Tubing						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	DWEA.125	98,000				
Packer, Nipples						STIMT.400		28,000
SHORT ORDERS								
PUMPS								
WALKOVERS								
Downhole Lift Equipment						STIMT.410		80,000
N/C Lease Equipment								
Battery Equipment								
Secondary Containments								
Facility Electrical								
Telecommunication Equipment								
Meters and Metering Equipment								
Facility Line Pipe								
Lease Automation Materials								
FL/GL - Materials								
FL/GL - Line Pipe								
Total Tangible Cost:		427,000		308,000				235,000
Total Estimated Cost		3,239,000		536,000				4,200,000

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

AFE # 26821007

Description	Production Equip			Post Completion			Total Cost
	Codes	Amount	Codes	Amount	Amount		
Roads & Location	CON.100	12,750	PCOM.100	Road Repair	10,000	82,750	
Damages	CON.105	3,583				9,583	
Mud/Fluids Disposal			PCOM.255	4,000 BWPD for 60 Days @ \$0.70/bbl	168,000	390,000	
Day Rate						638,000	
Misc Preparation						35,000	
Bits			PCOM.125		0	75,000	
Fuel			PCOM.130		0	57,000	
Water for Drilling Rig (Not Frac Water)			PCOM.135		0	29,000	
Mud & Additives						250,000	
Surface Rentals	CON.140	2,167	PCOM.140	\$1500/day for anticipated 30 days	45,000	355,167	
Downhole Rentals			PCOM.145		0	168,000	
Flowback Labor			PCOM.141	\$2200/day for anticipated 15 days	55,000	55,000	
Automation Labor	CON.150	31,667	PCOM.150		0	31,667	
Mud Logging						29,000	
IPC & EXTERNAL PAINTING	CON.165	9,000				9,000	
Cementing & Float Equipment						208,000	
Tubular Inspections			PCOM.160		0	59,000	
Casing Crews						33,000	
Mechanical Labor	CON.170	129,417	PCOM.170		0	159,417	
Trucking/Transportation	CON.175	4,667	PCOM.175		0	41,667	
Supervision	CON.180	16,500	PCOM.180		0	206,500	
Trailer House/Camp/Catering						112,000	
Other Misc Expenses	CON.190	10,167	PCOM.190		0	15,167	
Overhead						15,000	
MOB/DEMOB						50,000	
Directional Drilling Services						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			PCOM.200		0	365,000	
Composite Plugs			PCOM.390		0	96,000	
Stimulation Pumping/Chemicals/Additives/Sand			PCOM.210		0	2,340,000	
Stimulation Water/Water Transfer/Water						229,000	
Cimarex 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	
Total Intangible Cost		472,668			368,000	7,845,668	
Water String						15,000	
Surface Casing						66,000	
Intermediate Casing 1						330,000	
Production Casing or Liner						192,000	
Tubing			PCOMT.105		0	77,000	
Wellhead, Tree, Chokes			PCOMT.120	Welded hairpin	10,000	94,000	
Liner Hanger, Isolation Packer						98,000	
Packer, Nipples			PCOMT.400		0	28,000	
SHORT ORDERS	CONT.380	5,000				5,000	
PUMPS	CONT.385	7,833				7,833	
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				9,500	
Facility Electrical	CONT.425	7,500				7,500	
Telecommunication Equipment	CONT.426	250				250	
Meters and Metering Equipment	CONT.445	29,750				29,750	
Facility Line Pipe	CONT.450	29,167				29,167	
Lease Automation Materials	CONT.455	29,167				29,167	
FL/GL - Materials	CONT.550	24,333				24,333	
FL/GL - Line Pipe	CONT.555	51,083				51,083	
Total Tangible Cost		447,667			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

March 1 , 2022 ,
year

OPERATOR Cimarex Energy Co.

CONTRACT AREA E/2 of Section 12 and 13, Township 25 South, Range 28 East

COUNTY OR PARISH OF Eddy , STATE OF NM

INITIAL WELL: RIVERBEND 12-13 FEDERAL COM 1H

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AMERICAN ASSOCIATION OF PETROLEUM
LANDMEN, 4100 FOSSIL CREEK BLVD.
FORT WORTH, TEXAS, 76137, APPROVED FORM.

A.A.P.L. NO. 610 - 1989

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

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

1. OVERHEAD—DRILLING AND PRODUCING OPERATIONS

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

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

A. TECHNICAL SERVICES

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

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

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

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

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

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

(Alternative 3 – Drilling Direct) shall be charged direct to the Joint Account, only to the extent such Technical Services are directly attributable to drilling, 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 II.7 (*Affiliates*). Charges for Technical personnel performing non-technical work shall not be governed by this Section III.1.A, but instead governed by other provisions of this Accounting Procedure relating to the type of work being performed.

B. OVERHEAD—FIXED RATE BASIS

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

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

Producing Well Rate per month \$ 700.00

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

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

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

- Exhibit B: Affidavit of Meera Ramoutar, Geologist
- 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.
 - b. 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

EXHIBIT
B

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 sub-perpendicular to the inferred orientation of the maximum horizontal stress.

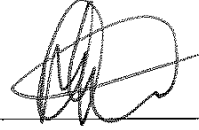
10. The Exhibits to this Affidavit were prepared by me or compiled from Cimarex's company business records under my direct supervision.

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.

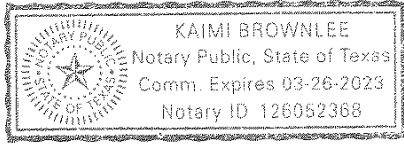
[Signature page follows]

FURTHER AFFIANT SAYETH NAUGHT



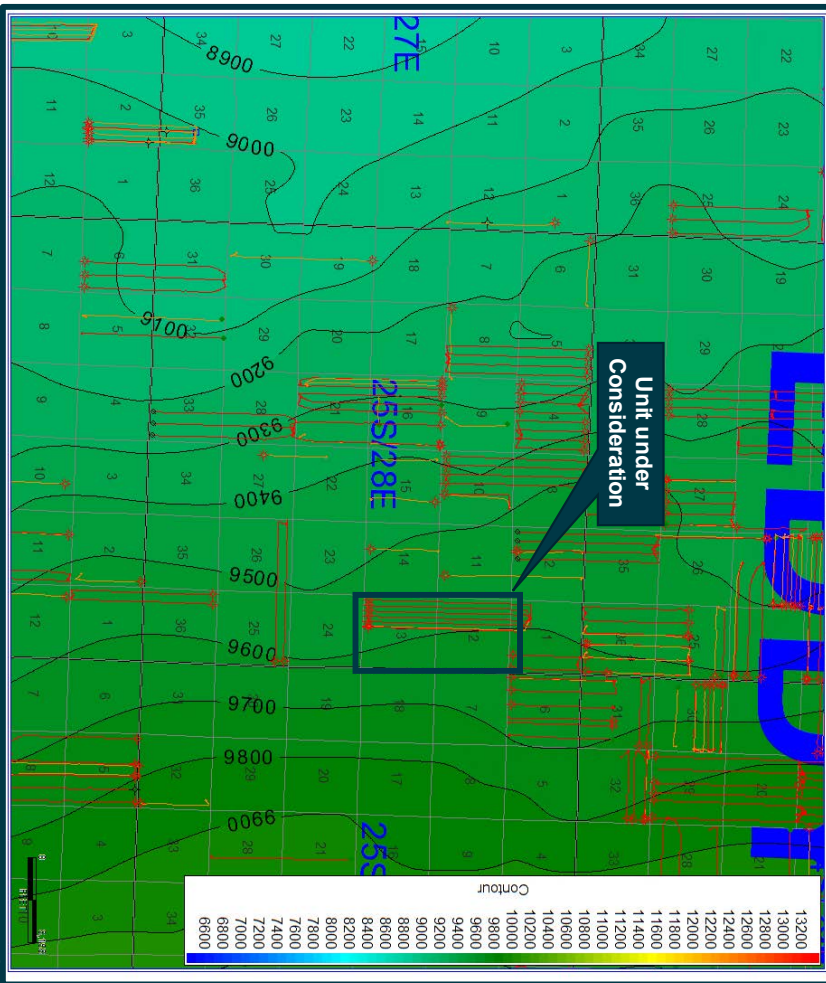
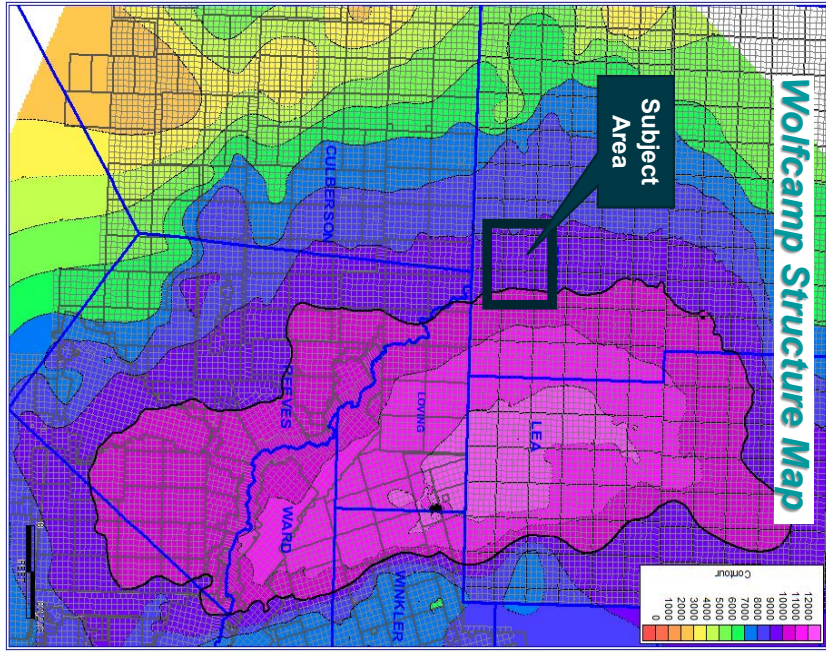
[NAME]

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



Kaimi Brownlee
Notary Public

Wolfcamp Structure Map

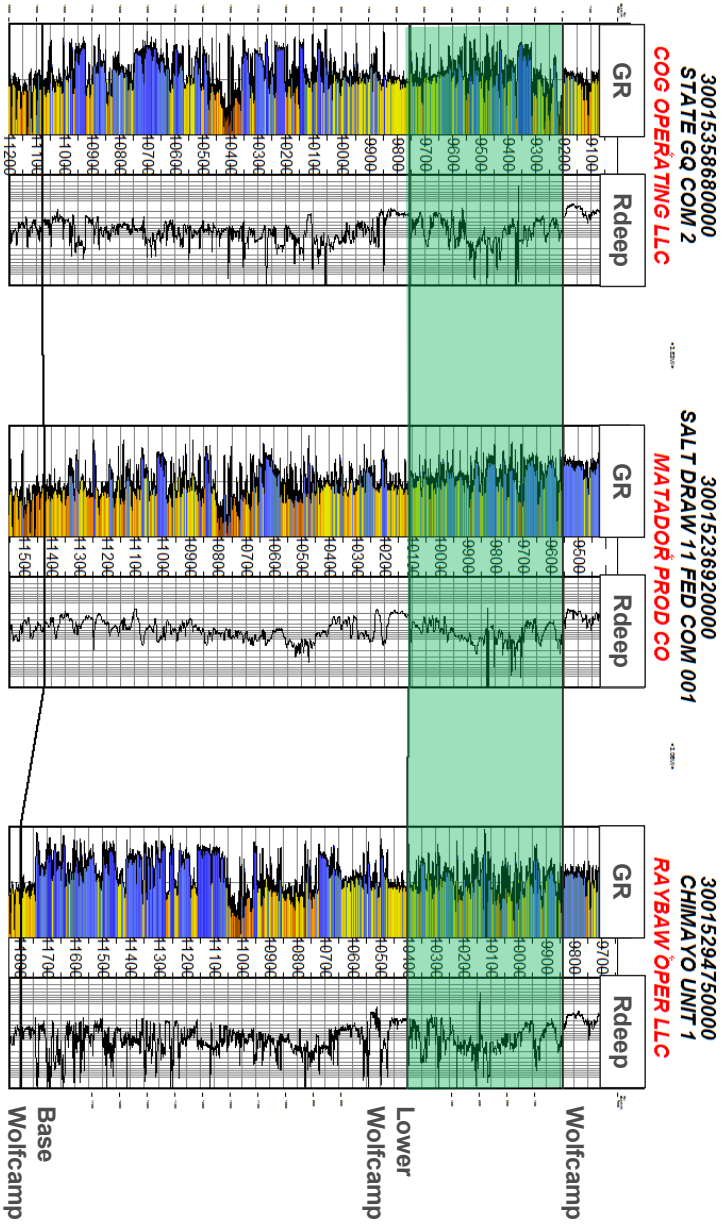


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**EXHIBIT
B-1**

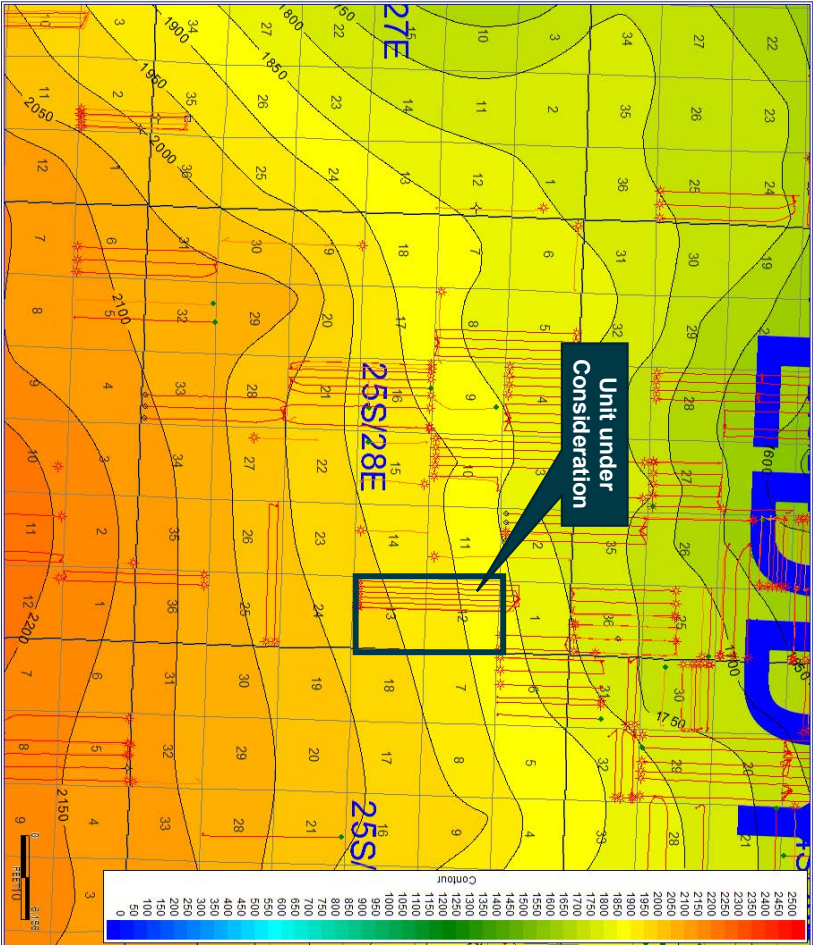
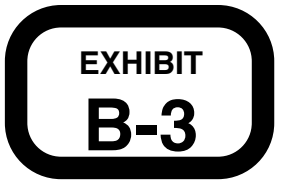
Stratigraphic Cross-Section-Total Wolfcamp

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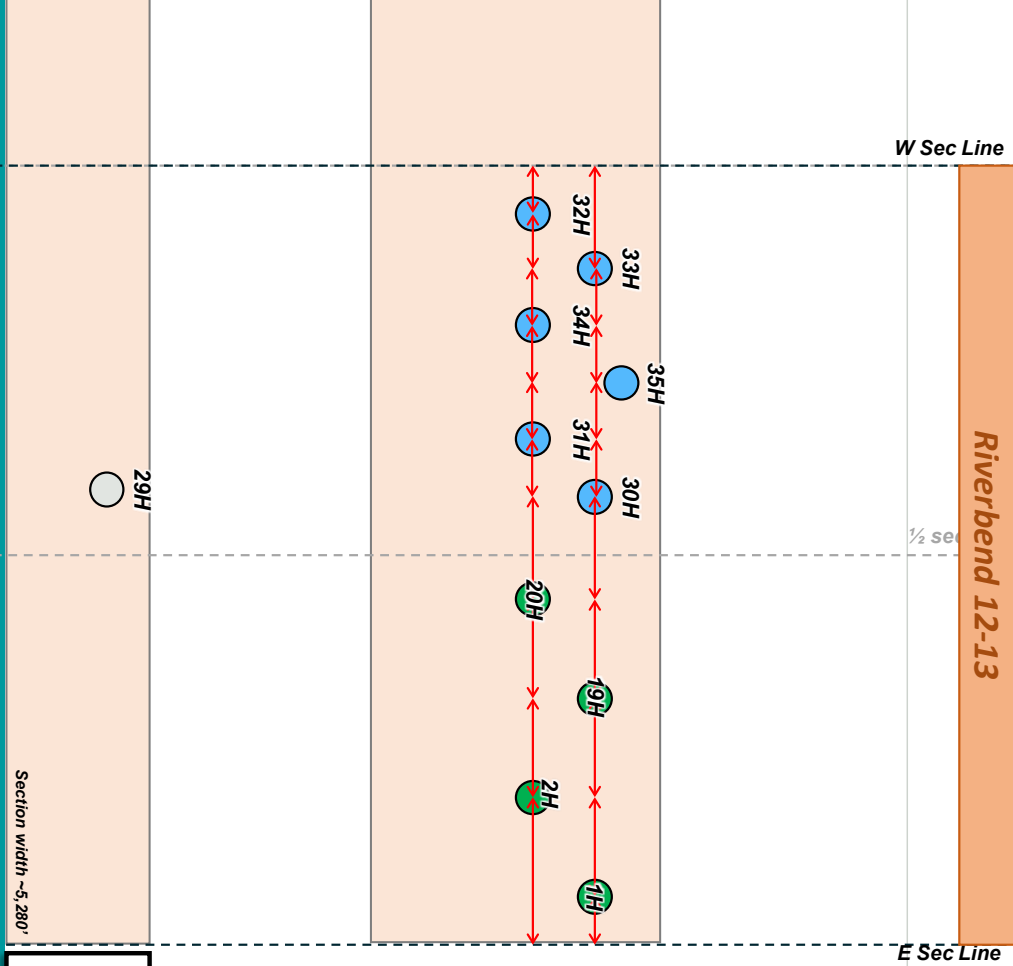
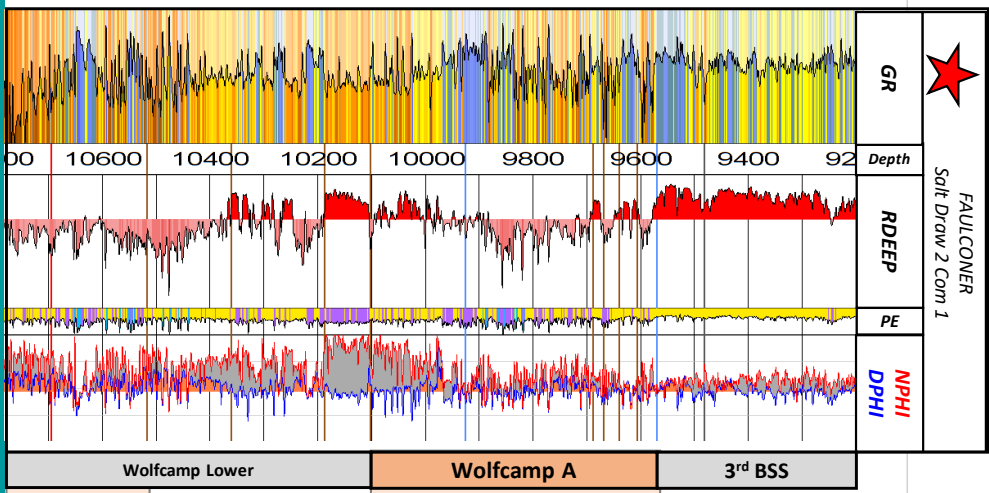


Wolfcamp Gross Isopach

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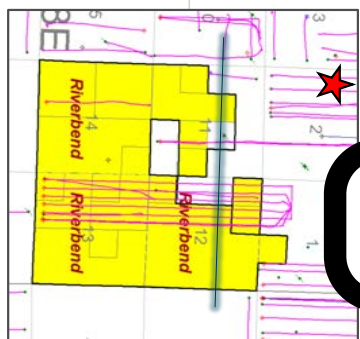


Riverbend 12-13 Wine Rack



Wine Rack

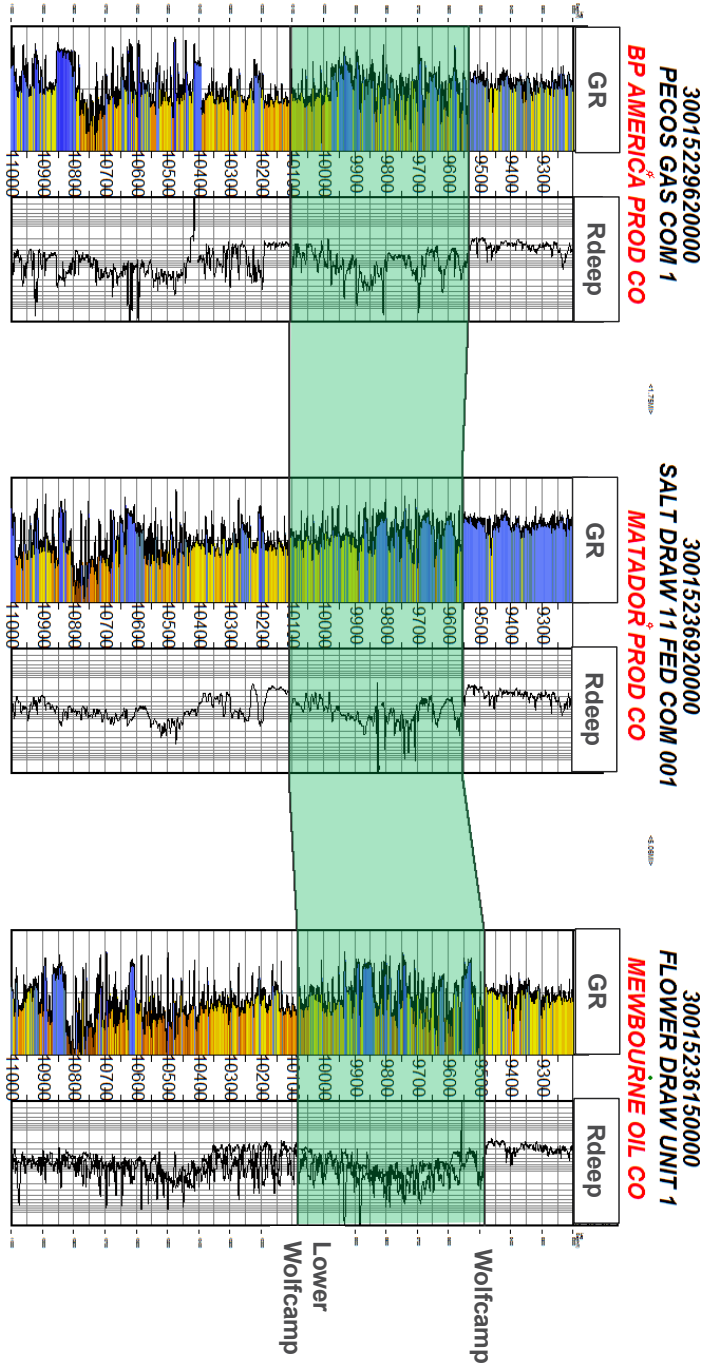
- Existing
- Development wells



**EXHIBIT
B-4**

Trajectory Cross Section

COTERRA



Riverbend 12-13 2H- Planning document-Wallplot

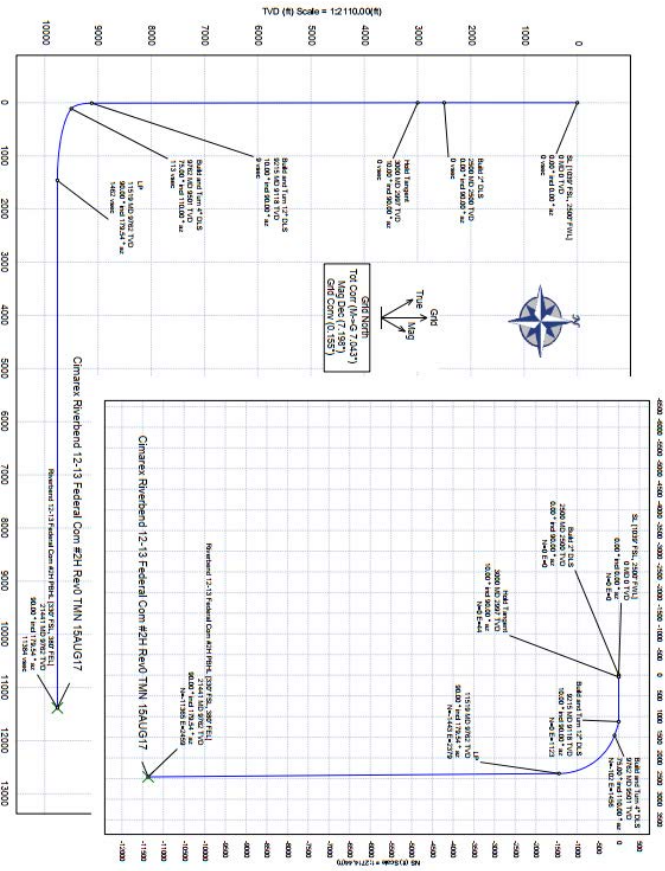
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Cimarex Rev 0

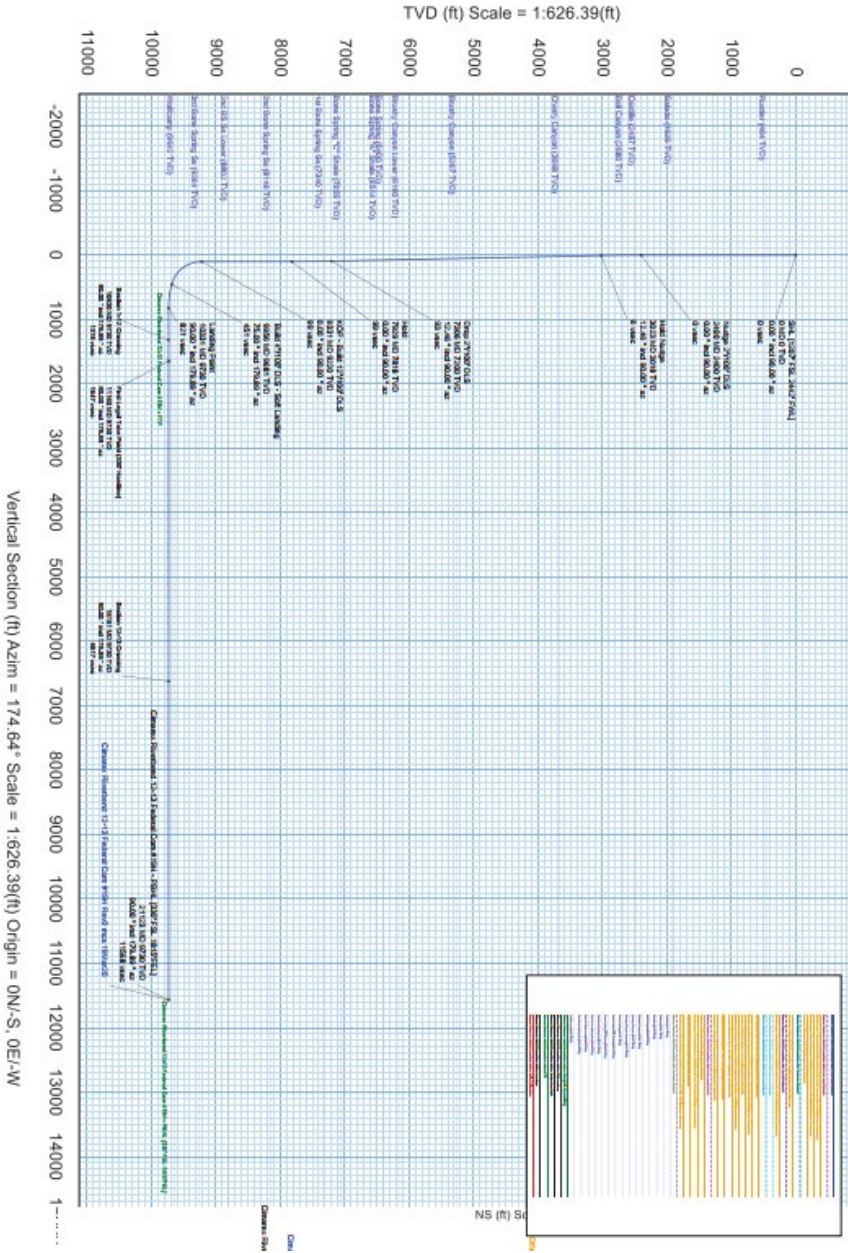


Booth/Block: Original Borough	Well: Cimarex Riverbend 12-13 Federal Com # 2H	Field: MM Eddy County (M40 83)	Structure: Cimarex Riverbend 12-13 Federal Com # 2H
Company & Subsequent Permits:	Permit: 12-13 2H-13243	Location: 42°42'N 101°12'W	Well Name: Cimarex Riverbend 12-13 Federal Com # 2H
Well: 12-13 2H-13243	Depth: 10,000 ft	Latitude: 42°42'N	Longitude: 101°12'W
Operator: Cimarex Energy	Owner: Cimarex Energy	County: Eddy County, NM	State: NM



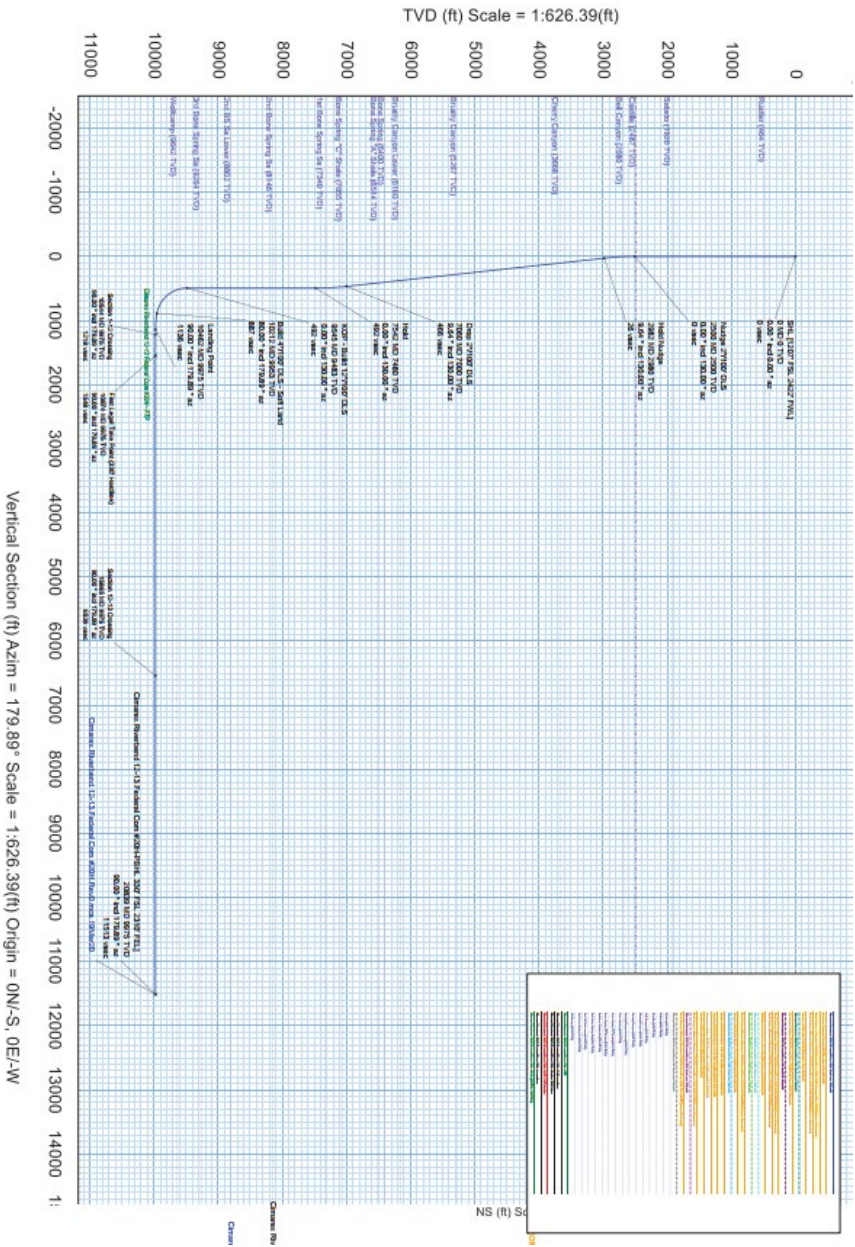
Riverbend 12-13 19H- Planning document-Wallplot

COTERRA



Riverbend 12-13 20H- Planning document-Wallplot

COTERRA

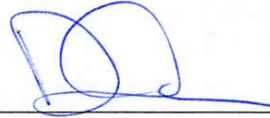


TAB 4

Case No. 22894

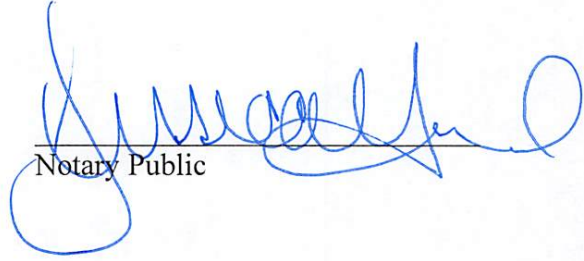
Exhibit C: Affidavit of Notice, Darin C. Savage
Exhibit C-1: Notice Letters (WI, ORRI and RT)
Exhibit C-2: Mailing List
Exhibit C-3: Affidavit of Publication

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



For the Pursuit of Energy

ABADIE | 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:

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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

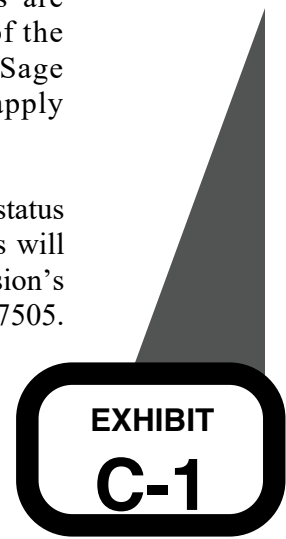


EXHIBIT
C-1

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: <https://www.emnrd.nm.gov/ocd/hearing-info/> 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 Pre-hearing Statement at least four business days in advance of a scheduled hearing, but in no event later than 5 p.m. mountain time on the Thursday preceding the scheduled hearing date. This statement must be filed at the Division's Santa Fe office at the above specified address and should include: The names of the parties and their attorneys; a concise statement of the case; the names of all witnesses the party will call to testify at the hearing; the approximate time the party will need to present its case; and identification of any procedural matters that are to be resolved prior to the hearing.

If you have any questions about this matter, please contact Riley Morris at (432) 620-1966 or at riley.morris@coterra.com.

Sincerely,



Darin C. Savage

Attorney for Cimarex Energy Co.



For the Pursuit of Energy

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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.

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Darin C. Savage

Attorney for Cimarex Energy Co.



For the Pursuit of Energy

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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.

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Sincerely,



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.	OKC	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, Ste. 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 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

R



9590 9402 7329 2028 4935 66

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8284

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Margaret Meuse*

Agent

Addressee

B. Received by (Printed Name)

Margaret Meuse

C. Date of Delivery

6/23/22

D. Is delivery address different from item 1?

Yes

If YES, enter delivery address below:

No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

- Registered Mail
- Registered Mail Restricted Delivery (over \$500)

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:

R

Alan Jochimsen
 4209 Cardinal Lane
 Midland, TX 79707



9590 9402 7329 2028 4934 43

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8185

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

me

C. Date of Delivery

6-21-22

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Mail
Mail Restricted Delivery
(over \$500)

SENDER: COMPLETE THIS SECTION

- 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:

R

Energy Properties Limited LP
 P.O. Box 51408
 Casper, WY 82605



9590 9402 7329 2028 4936 41

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8352

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

Tom Cicora

C. Date of Delivery

7/27/22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Priority Mail Express®
- Registered Mail Restricted Delivery
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

Premier Oil & Gas Inc.
 P.O. Box 837205
 Richardson, TX 75083



9590 9402 7329 2028 4925 83

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8215

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Kenneth C Jones*

- Agent
- Addressee

B. Received by (Printed Name)

KENNETH C JONES

C. Date of Delivery

6/24/22

- D. Is delivery address different from item 1? Yes
- If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Mail
Mail Restricted Delivery
(00)

SENDER: COMPLETE THIS SECTION

- 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:

West Bend Energy Partners III LLC
 1320 S. University Dr., Ste. 701
 Fort Worth, TX 76107



9590 9402 7329 2028 4935 11

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8338

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Anna Carr

- Agent
- Addressee

B. Received by (Printed Name)

Anna Carr

C. Date of Delivery

06/22/22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

R

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Mail
 Mail Restricted Delivery
 00)

SENDER: COMPLETE THIS SECTION

- 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:

R

Innerarity Family Minerals LLC
 P.O. Box 313
 Midland, TX 79702



9590 9402 7329 2028 4934 98

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8239

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Kelli Williams* Agent
 Addressee

B. Received by (Printed Name)

Kelli Williams

C. Date of Delivery

6-29-22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |

Mail
Mail Restricted Delivery
00)

SENDER: COMPLETE THIS SECTION

- 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:

R

Monty D. McLane
P.O. Box 9451
Midland, TX 79708



9590 9402 7329 2028 4934 50

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8178

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Monty McLane*

- Agent
- Addressee

B. Received by (Printed Name)

Monty McLane

C. Date of Delivery

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

9451

3. Service Type

- Adult Signature
 - Adult Signature Restricted Delivery
 - Certified Mail®
 - Certified Mail Restricted Delivery
 - Collect on Delivery
 - Collect on Delivery Restricted Delivery
 - Registered Mail Express®
 - Registered Mail™
 - Registered Mail Restricted Delivery
 - Signature Confirmation™
 - Signature Confirmation Restricted Delivery
- Registered Mail (Additional Fee \$500)

SENDER: COMPLETE THIS SECTION

- 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:

R

Magnum Hunter Production, Inc.
 600 N. Marienfeld St., Ste. 600
 Midland, TX 79701



9590 9402 7329 2028 4925 45

2. Article Number (Transfer from service label)

7022 0410 0001 5226 7690

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Magnum*

- Agent
- Addressee

B. Received by (Printed Name)

Magnum

C. Date of Delivery

6-21-22

D. Is delivery address different from Item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Mail Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

Chevron USA
 1400 Smith St.
 Houston, TX 77002



9590 9402 7329 2028 4943 34

2. Article Number (Transfer from service label)

7022 0410 0001 8377 9742

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

Anahy Alavez

C. Date of Delivery

6-27-22

D. Is delivery address different from item 1?

If YES, enter delivery address below:

- Yes
- No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (500)
- 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

SENDER: COMPLETE THIS SECTION

- 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:

R

Kirk & Sweeney Ltd. Co.
 P.O. Box 1174
 Roswell, NM 88202



9590 9402 7329 2028 4935 04

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8222

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Handwritten Signature]*

- Agent
- Addressee

B. Received by (Printed Name)

Taffy Pearl

C. Date of Delivery

D. Is delivery address different from item 1? Yes

If YES, enter delivery address below: No



3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery
- Priority Mail Express®
- Registered Mail Restricted Delivery
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

NM&T Resources LLC
 P.O. Box 10523
 Midland, TX 79702



9590 9402 7329 2028 4934 74

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8253

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Handwritten Signature]* Agent
 Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (0)
- 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

SENDER: COMPLETE THIS SECTION

- 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:

R

Schertz Energy LLC
 1407 S. Sunset Ave.
 Roswell, NM 88203



9590 9402 7329 2028 4925 76

2 Article Number (Transfer from service label)

7022 0410 0001 5226 8208

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Morris E. Schertz

- Agent
- Addressee

B. Received by (Printed Name)

Morris E. Schertz

C. Date of Delivery

6-22-22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No



3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Registered Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

Bureau of Land Management
 620 E. Greene St.
 Carlsbad, NM 88220



9590 9402 7329 2028 4925 52

2. Article Number (Transfer from service label)

7022 0410 0001 5226 7706

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Williams*

Agent
 Addressee

B. Received by (Printed Name)

WILLIAMS

C. Date of Delivery

6-21-22

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (over \$500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

GHHunker LLC
P.O. Box 524
Lander, WY 82520



9590 9402 7329 2028 4935 42

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8291

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Handwritten Signature]* Agent
 Addressee

B. Received by (Printed Name)

Georgette Anderson C. Date of Delivery *6.22.22*

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

William N. Heiss Profit Sharing Plan
P.O. Box 2944
Casper, WY 82602

R



9590 9402 7329 2028 4936 34

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8369

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

B. Received by (Printed Name)

Heather Butler

C. Date of Delivery

6/22/22

Agent
 Addressee

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |
| <input type="checkbox"/> Insured Mail | |
| <input type="checkbox"/> Insured Mail Restricted Delivery | |

SENDER: COMPLETE THIS SECTION

- 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:

Sam L. Shackelford
 1096 Mechem Dr.
 Ruidoso, NM 88345



9590 9402 7329 2028 4935 28

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8321

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

SAM L. SHACKELFORD

C. Date of Delivery

6/23/22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

R

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Mail
 Mail Restricted Delivery
 (00)

SENDER: COMPLETE THIS SECTION

- 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:

R

Oak Valley Minerals and Land LP
 P.O. Box 50820
 Midland, TX 79710



9590 9402 7329 2028 4935 80

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8390

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

G. Mendota

C. Date of Delivery

10/23/22

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Registered Mail
Registered Mail Restricted Delivery
(500)

SENDER: COMPLETE THIS SECTION

- 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:

R

Chisos Minerals LLC
 P.O. Box 470788
 Fort Worth, TX 76147



9590 9402 7329 2028 4935 73

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8277

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- Agent
- Addressee

B. Received by (Printed Name)

Thomas

C. Date of Delivery

10/23

D. Is delivery address different from item 1?

- Yes
- No

If YES, enter delivery address below:

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery

- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

1 Mail
 1 Mail Restricted Delivery
 500)

SENDER: COMPLETE THIS SECTION

- 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:

Pegasus Resources NM LLC
P.O. Box 470698
Fort Worth, TX 76147



9590 9402 7329 2028 4936 03

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8383

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

[Handwritten Signature]

- Agent
- Addressee

B. Received by (Printed Name)

Thomas

C. Date of Delivery

6/23

D. Is delivery address different from item 1?

If YES, enter delivery address below:

- Yes
- No

R

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

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)

7022 0410 0001 5226 7652

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Handwritten Signature]*

- Agent
- Addressee

B. Received by (Printed Name)

Date of Delivery

D. Is delivery address different from item 1?

- Yes
- No

If YES, enter delivery address below:

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Insured Mail Restricted Delivery (500)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

States Royalty Limited Partnership
 P.O. Box 911
 Breckenridge, TX 76424



9590 9402 7329 2028 4925 69

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8192

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Christie Job*

- Agent
- Addressee

B. Received by (Printed Name)

Christie Job

C. Date of Delivery

6-21-22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Registered Mail Restricted Delivery (500)
- Priority Mail
- Registered Delivery
- Registered Delivery
- Signature Restricted
- Signature Restricted

SENDER: COMPLETE THIS SECTION

- 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:

R

Northern Oil and Gas, Inc.
 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 7683

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Keith Pisto

- Agent
- Addressee

B. Received by (Printed Name)

KEITH PISTOCCO

C. Date of Delivery

- D. Is delivery address different from item 1? Yes
- If YES, enter delivery address below: No

3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

(over \$500)

SENDER: COMPLETE THIS SECTION

- 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:

Norton LLC
60 Beach Ave.
South Dartmouth, MA 02748

R



9590 9402 7329 2028 4934 67

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8260

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Judith Norton*

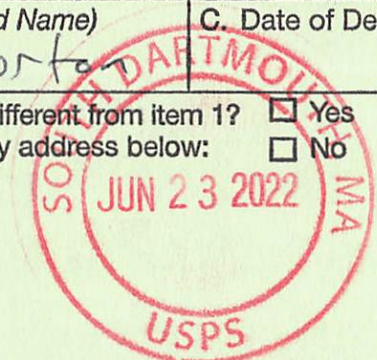
- Agent
- Addressee

B. Received by (Printed Name)

Judith Norton

C. Date of Delivery

- D. Is delivery address different from item 1? Yes
- If YES, enter delivery address below: No



3. Service Type

- Adult Signature
- Adult Signature Restricted Delivery
- Certified Mail®
- Certified Mail Restricted Delivery
- Collect on Delivery
- Collect on Delivery Restricted Delivery
- Insured Mail
- Mail Restricted Delivery (0)
- Priority Mail Express®
- Registered Mail™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- 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:

R

E&S LLC
 711 South Country Club Lane
 Payson, AZ 85541



9590 9402 7329 2028 4934 81

2. Article Number (Transfer from service label)

7022 0410 0001 5226 8246

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Florise Justice* Agent
 Addressee

B. Received by (Printed Name)

Florise Justice

C. Date of Delivery

6-20-22

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

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™
- Registered Mail Restricted Delivery
- Signature Confirmation™
- Signature Confirmation Restricted Delivery

Carlsbad Current Argus.

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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


Legal Clerk

Subscribed and sworn before me this June 21, 2022:


State of WI, County of Brown
NOTARY PUBLIC

1-7-25

My commission expires

KATHLEEN ALLEN
Notary Public
State of Wisconsin

Ad # 0005302845

PO #: 22894

of Affidavits 1

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, DUTCH-IRISH 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 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 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. 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. 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 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 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). 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 66 miles southwest of Hobbs, New Mexico. #5302845, Current Argus, June 21, 2022

EXHIBIT
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