

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

**APPLICATION OF V-F PETROLEUM, INC.  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**Case No. 23103**

**HEARING EXHIBITS**

Compulsory Pooling Checklist

- |           |   |
|-----------|---|
| Exhibit A | Self-Affirmed Statement of Ryan Curry                                 |
| A-1       | Resume of Ryan Curry  |
| A-2       | Application & Proposed Notice of Hearing                              |
| A-3       | C-102s  |
| A-4       | Plat of Tracts, Tract Ownership, Pooled Parties, Unit Recapitulation  |
| A-5       | Sample Well Proposal Letter & AFEs                                    |
| A-6       | Summary of Communications   |
| Exhibit B | Self-Affirmed Statement of Michael Burke                              |
| B-1       | Location Map  |
| B-2       | First Bone Spring Structure Map                                       |
| B-3       | Second Bone Spring Structure Map                                      |
| B-4       | Third Bone Spring Structure Map                                       |
| B-5       | Stratigraphic Cross Section   |
| Exhibit C | Self-Affirmed Statement of Dana S. Hardy                              |
| C-1       | Sample Notice Letter to All Interested Parties                        |
| C-2       | Chart of Notice to All Interested Parties and Certified Mail Receipts |
| C-3       | Copies of Certified Mail Receipts and Returns                         |
| C-4       | Affidavit of Publication for October 19, 2022                         |

**COMPULSORY POOLING APPLICATION CHECKLIST****ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case No.:</b>	<b>23103</b>
<b>Hearing Date:</b>	<b>11/3/2022</b>
Applicant	V-F Petroleum, Inc.
Designated Operator & OGRID	OGRID # 24010
Applicant's Counsel	Hinkle Shanor LLP
Case Title	Application of V-F Petroleum, Inc. for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors	COG Operating LLC; ConocoPhillips Company
Well Family	Cache River
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent	Bone Spring
Primary Product (Oil or Gas)	Oil
Pooling this vertical extent	Bone Spring
Pool Name and Pool Code	WC-025 G-07 S223505N; Bone Spring Formation (Code 98136)
Well Location Setback Rules	Statewide
Spacing Unit Size	240-acre
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	240-acre
Building Blocks	quarter-quarter
Orientation	North/South
Description: TRS/County	E/2 SW/4 of Section 29 and the E/2 W/2 of Section 32, Township 21 South, Range 35 East, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	No
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Add wells as needed
Well #1	Cache River 29 32 State Com #102H (API # pending) SHL: 2540' FSL & 1980' FWL (Unit K), Section 29, T21S-R35E BHL: 100' FSL & 1980' FWL (Unit N), Section 32, T21S-R35E Completion Target: First Bone Spring (Approx. 9340' TVD)
Well #2	Cache River 29 32 State Com #202H (API # pending) SHL: 2540' FSL & 1980' FWL (Unit K), Section 29, T21S-R35E BHL: 100' FSL & 1980' FWL (Unit N), Section 32, T21S-R35E Completion Target: Second Bone Spring (Approx. 10140' TVD)
Well #3	Cache River 29 32 State Com #302H (API # pending) SHL: 2540' FSL & 1980' FWL (Unit K), Section 29, T21S-R35E BHL: 100' FSL & 1980' FWL (Unit N), Section 32, T21S-R35E Completion Target: Third Bone Spring (Approx. 10845' TVD)
Horizontal Well First and Last Take Points	Exhibit A-3
Completion Target (Formation, TVD and MD)	Exhibit A-5
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Released to Imaging Hearing	Exhibit A-2

Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit C-1, C-2, C-3
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit C-4
<b>Ownership Determination</b>	
Land Ownership Schematic of Spacing Unit	Exhibit A-4
Tract List (including lease numbers & owners)	Exhibit A-4
Pooled Parties (including ownership type)	Exhibit A-4
Unlocatable Parties to be Pooled	None.
Ownership Depth Severance	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit A-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit A-4
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit A-5
Cost Estimate to Drill and Complete	Exhibit A-5
Cost Estimate to Equip Well	Exhibit A-5
Cost Estimate for Production Facilities	Exhibit A-5
<b>Geology</b>	
Summary (including special considerations)	Exhibit B
Spacing Unit Schematic	Exhibit B-1
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit B
Target Formation	Exhibit B
HSU Cross Section	Exhibit B-5
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
C-102	Exhibit A-3
Tracts	Exhibit A-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit A-4
General Location Map (including basin)	Exhibit B-1
Well Bore Location Map	Exhibit B-2, B-3, B-4
Structure Contour Map - Subsea Depth	Exhibit B-2, B-3, B-4
Cross Section Location Map (including wells)	Exhibit B-1
Cross Section (including Landing Zone)	Exhibit B-5
<b>Additional Information</b>	
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Dana S. Hardy
<b>Signed Name</b> (Attorney or Party Representative):	/s/ Dana S. Hardy
<b>Date:</b>	10/28/2022

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

APPLICATION OF V-F PETROLEUM, INC,  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO

Case No. 23103

SELF-AFFIRMED STATEMENT  
OF RYAN CURRY

1. I am a Landman with V-F Petroleum (“V-F Petroleum”). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have not previously testified before the New Mexico Oil Conservation Division (“Division”). I have an Energy Commerce degree from Texas Tech University and have worked in the petroleum industry for approximately 2 years. A copy of my resume is attached as **Exhibit A-1**.

2. I am familiar with the land matters involved in the above-referenced case. Copies of V-F Petroleum’s Application and proposed hearing notice are attached as **Exhibit A-2**.

3. None of the parties proposed to be pooled in this case indicated opposition to this matter proceeding by affidavit. Therefore, I do not expect any opposition at hearing.

4. V-F Petroleum applies for an order pooling all uncommitted interests within the Bone Spring formation underlying a 240-acre, more or less, standard horizontal spacing unit comprised of the E/2 SW/4 of Section 29 and the E/2 W/2 of Section 32, Township 21 South, Range 35 East, Lea County, New Mexico (“Unit”).

5. The Unit will be dedicated to the following wells, which will be completed in the WC-025 G-07 S223505N; Bone Spring Formation [98136] Pool

V-F Petroleum, Inc.  
Case No. 23103  
Exhibit A



- **Cache River 29 32 State Com #102H well**, which will be horizontally drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East;
  - **Cache River 29 32 State Com #202H well**, which will be horizontally drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East; and
  - **Cache River 29 32 State Com #302H well**, which will be horizontally drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East.
6. The completed intervals of the Wells will be orthodox.
  7. **Exhibit A-3** contains the C-102s for the Wells.
  8. **Exhibit A-4** contains a plat that identifies ownership by tract in the Unit. This exhibit also includes any applicable lease numbers, a unit recapitulation, and the interests V-F Petroleum seeks to pool highlighted in yellow. All parties are locatable.
  9. **Exhibit A-5** contains a sample well proposal letter and AFEs sent to the working interest owners for the Wells. The estimated costs reflected on the AFEs are fair and reasonable and comparable to the cost of other wells of similar depth and length drilled in the subject formation in the area.
  10. V-F Petroleum has conducted a diligent search of all county public records including phone directories and computer databases.

11. In my opinion, V-F Petroleum made a good-faith effort to reach voluntary joinder of uncommitted interests in the Wells as indicated by the chronology of contact described in **Exhibit A-6.**

12. V-F Petroleum requests overhead and administrative rates of \$8,000.00 per month while the Wells are being drilled and \$800.00 per month while the Wells are producing. These rates are fair and are comparable to the rates charged by V-F Petroleum and other operators in the vicinity.

13. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

14. In my opinion, the granting of V-F Petroleum's application would serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

15. I understand this Self-Affirmed Statement will be used as written testimony in the subject cases. I affirm that my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Ryan B Curry  
Ryan Curry

10/24/22  
Date

## Ryan Curry

P.O. Box 1889, Midland, TX 79702 | Ryan@VFPetroleum.com | (432) 683-3344

### Work Experience

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#### Landman

**V-F Petroleum, Inc.**

August 2022-Present

Midland, TX

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- Facilitated horizontal development plans from a mineral, surface and regulatory land perspective in complex areas.
- Negotiated various agreements including letter agreements, operating agreements, term assignments and purchase and sale agreements to facilitate development.
- Provided strategic guidance to aid in developing existing leasehold in contested environments and conceive newly identified project areas.

#### Land Negotiator

**ConocoPhillips Company**

January 2021- August 2022

Midland, TX

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- Led, negotiated and aided in various acreage exchanges, acquisitions and divestitures collectively valued above \$500MM, covering acreage in Lea & Eddy County, New Mexico. Reviewed and drafted various agreements to facilitate transactions.
- Applied knowledge of the NMOCD compulsory pooling process from an operated and non-operated stance to maintain drilling schedule and maximize acreage value
- Effectively communicated with engineering, legal and regulatory disciplines to strategically identify new projects, mature upcoming projects and solve complex issues.
- Experience running multiple brokers and working with title attorneys to obtain accurate abstracts, ownership reports and title opinions. Satisfied various drilling and division order title requirements in the curative process.
- Utilized New Mexico land knowledge to onboard incoming landmen from other asset areas in their transition to work Lea County, New Mexico.

#### Landman

**Concho Resources, Inc.**

June 2019- August 2019

Midland, TX

June 2020- January 2021

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- Actively worked to acquire leasehold in upcoming projects through various mechanisms including leasing, term assignments and acquisitions.
- Assisted in the due diligence of the Concho Resources acquisition by ConocoPhillips Company through verifying interests and ownership in PDP and PUD properties.
- Completed and extensive review of core fee leases covering lands in Lea County, New Mexico. Analyzed continuous development and Pugh clauses to ensure drill schedule satisfied obligations.
- Aided in the NMOCD compulsory pooling process by preparing exhibits and working with regulatory counsel to get projects ready to pool.

### Education

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**Texas Tech University**

*Bachelor of Business Administration, Energy Commerce, Magana Cum Laude*

**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit A-1**

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

**APPLICATION OF V-F PETROLEUM, INC.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**CASE NO. 23103**

**APPLICATION**

In accordance with NMSA 1978, § 70-2-17, V-F Petroleum Inc. (“V-F Petroleum” or “Applicant”), through its undersigned attorneys, files this application with the Oil Conservation Division (“Division”) for an order pooling all uncommitted interests in the Bone Spring formation underlying a 240-acre, more or less, standard horizontal spacing unit comprised of the E/2 SW/4 of Section 29 and the E/2 W/2 of Section 32, Township 21 South, Range 35 East, Lea County, New Mexico (“Unit”). In support of this application, V-F Petroleum states the following.

1. Applicant (OGRID No. 24010) is a working interest owner in the Unit and has the right to drill thereon.
2. Applicant seeks to dedicate the Unit to the following proposed wells:
  - a. The **Cache River 29 32 State Com #102H** well, to be drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East;
  - b. The **Cache River 29 32 State Com #202H** well, to be drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East; and

**V-F Petroleum, Inc.  
Case No. 23103  
Exhibit A-2**

- c. The **Cache River 29 32 State Com #302H** well, to be drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to a bottom hole location in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East.
3. The completed intervals of the wells will be orthodox.
4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all of the interest owners in the Unit.
5. The pooling of interests will avoid the drilling of unnecessary wells, prevent waste, and protect correlative rights.
6. In order to permit Applicant to obtain its just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in the Unit should be pooled and Applicant should be designated the operator of the proposed horizontal wells and the Unit.

WHEREFORE, Applicant requests that this application be set for hearing before an Examiner of the Oil Conservation Division on November 3, 2022, and, after notice and hearing as required by law, the Division enter an order:

- A. Pooling all uncommitted interests in the Unit;
- B. Approving the initial wells in the Unit;
- C. Designating Applicant as the operator of the Unit and the horizontal wells to be drilled thereon;
- D. Authorizing Applicant to recover its costs of drilling, equipping, and completing the wells;
- E. Approving the actual operating charges and costs of supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and

- F. Imposing a 200% charge for the risk assumed by Applicant in drilling and completing the wells against any working interest owner who does not voluntarily participate in the drilling of the wells.

Respectfully submitted,

HINKLE SHANOR LLP

/s/ Dana S. Hardy  
Dana S. Hardy  
Jaclyn M. McLean  
Yarithza Peña  
P.O. Box 2068  
Santa Fe, NM 87504-2068  
Phone: (505) 982-4554  
Facsimile: (505) 98208623  
dhardy@hinklelawfirm.com  
jmclean@hinklelawfirm.com  
ypena@hinklelawfirm.com  
*Counsel for V-F Petroleum Inc.*



**Application of V-F Petroleum, Inc. for Compulsory Pooling, Lea County, New Mexico.** Applicant seeks an order pooling all uncommitted interests in the Bone Spring Formation underlying a 240-acre, more or less standard horizontal spacing unit comprised of the E/2 SW/4 of Section 29 and the E/2 W/2 of Section 32, Township 21 South, Range 35 East, Lea County, New Mexico ("Unit"). The Unit will be dedicated to the **Cache River 29 32 State Com #102H**, **Cache River 29 32 State Com # 202H**, and the **Cache River 29 32 State Com # 302H** wells, which will be drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21 South, Range 35 East, to bottom hole locations in the SE/4 SW/4 (Unit N) of Section 32, Township 21 South, Range 35 East. The completed intervals of the wells will be orthodox. Also to be considered will be the cost of drilling and completing the wells and the allocation of the cost, the designation of Applicant as the operator of the wells, and a 200% charge for the risk involved in drilling and completing the wells. The wells are located approximately 13 miles West of Eunice, New Mexico.

DISTRICT I  
1825 N. French Dr., Hobbs, NM 88240  
Phone (575) 393-8161 Fax: (575) 393-0720

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

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

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone (505) 476-3480 Fax: (505) 476-3482

State of New Mexico  
Energy, Minerals and Natural Resources Department

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number	Pool Code <b>98136</b>	Pool Name <b>WC-025 G-07 S223505N; Bone Spring</b>
Property Code	Property Name CACHE RIVER 29 32 STATE COM	Well Number 102H
OGRID No.	Operator Name VF PETROLEUM INC	Elevation 3657'

Surface Location

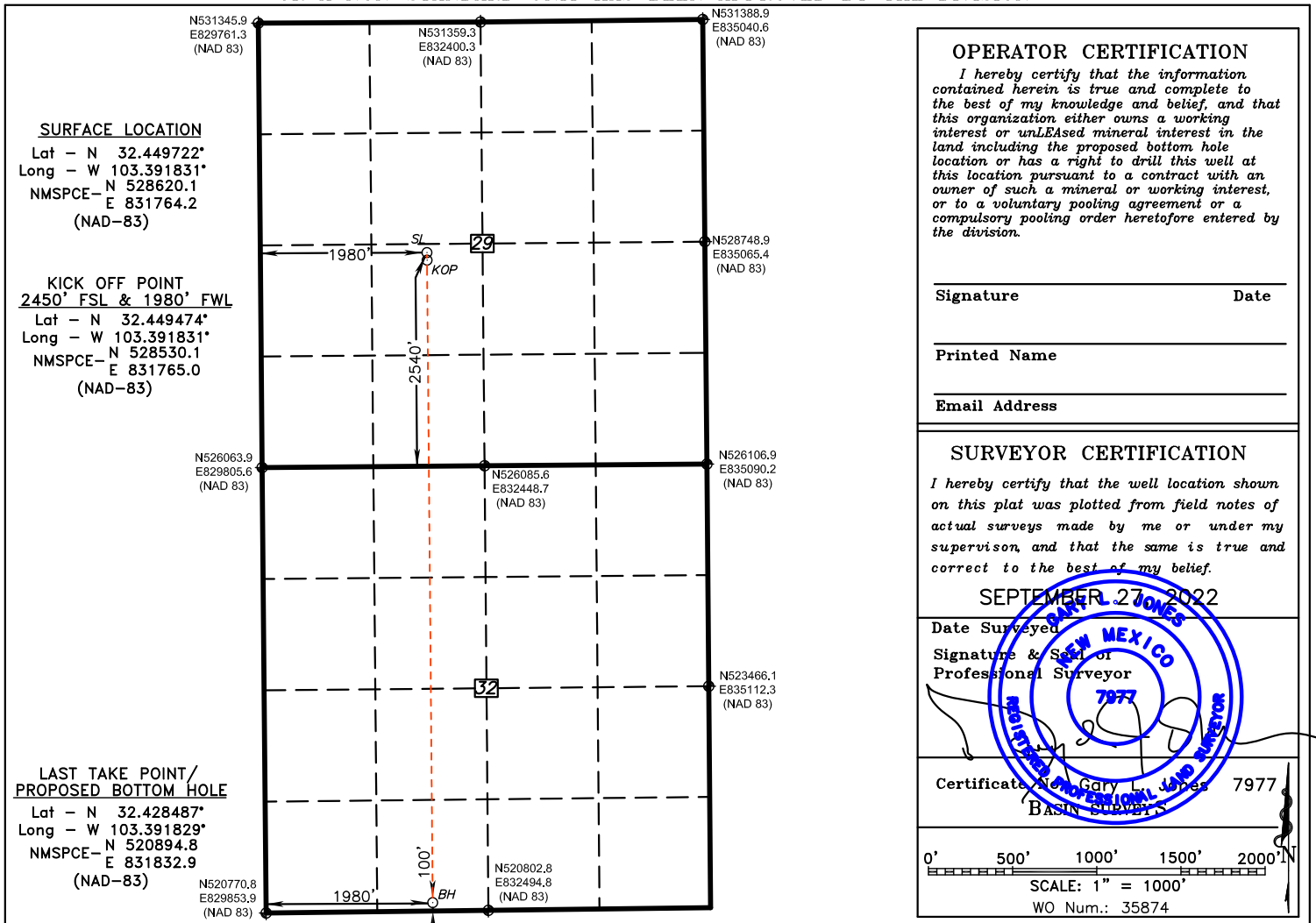
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
K	29	21 S	35 E		2540	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
N	32	21 S	35 E		100	SOUTH	1980	WEST	LEA

Dedicated Acres <b>240.00</b>	Joint or Infill	Consolidation Code	Order No.
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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



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State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised August 4, 2011

Submit one copy to appropriate  
District Office

**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code <b>98136</b>	Pool Name <b>WC-025 G-07 S223505N;Bone Spring</b>
Property Code	Property Name CACHE RIVER 29 32 STATE COM	Well Number 202H
OGRID No.	Operator Name VF PETROLEUM INC	Elevation 3657'

Surface Location

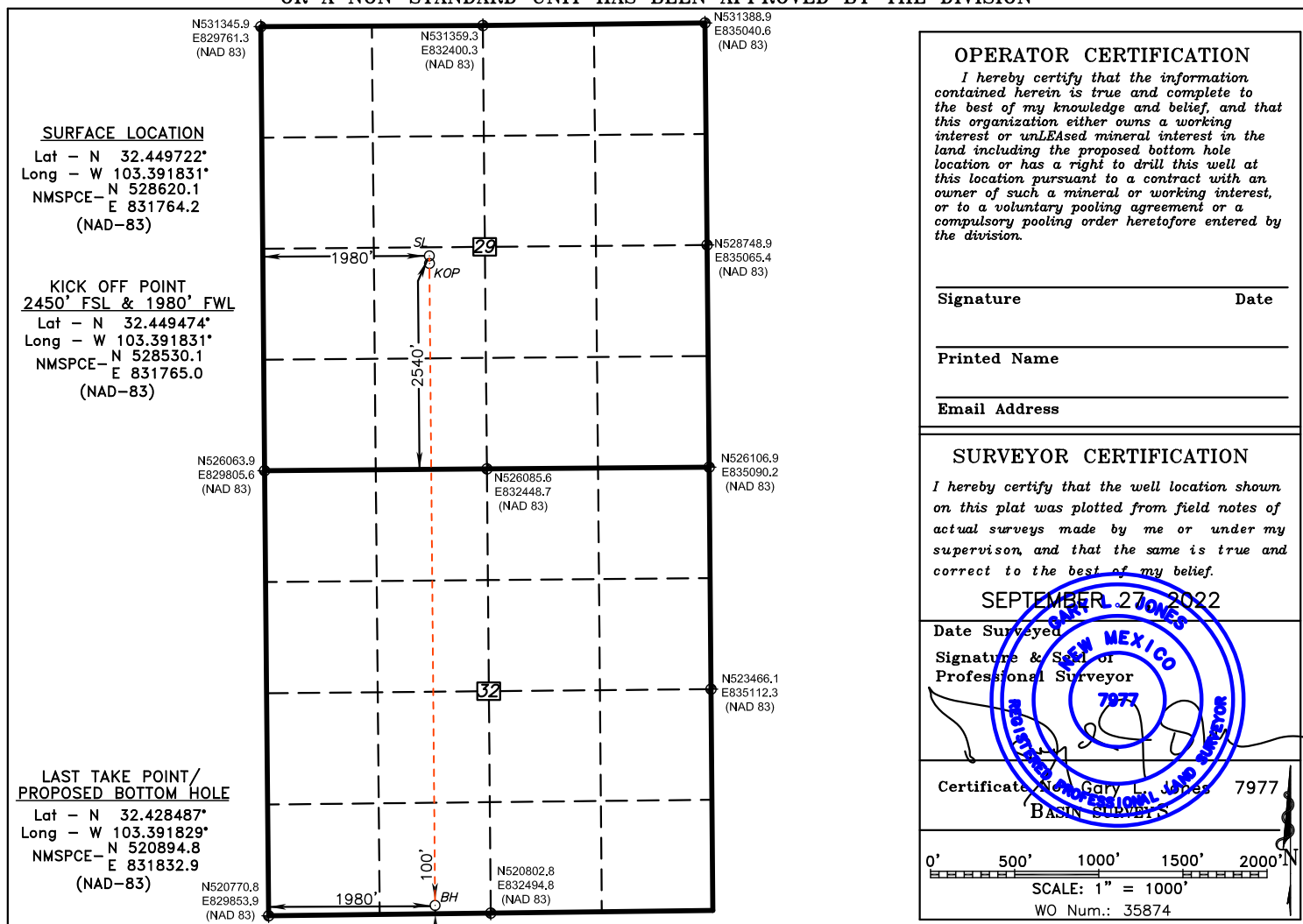
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
K	29	21 S	35 E		2540	SOUTH	1980	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
N	32	21 S	35 E		100	SOUTH	1980	WEST	LEA

Dedicated Acres <b>240.00</b>	Joint or Infill	Consolidation Code	Order No.
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 Energy, Minerals and Natural Resources Department

Form C-102  
 Revised August 4, 2011

Submit one copy to appropriate  
 District Office

**OIL CONSERVATION DIVISION**  
 1220 South St. Francis Dr.  
 Santa Fe, New Mexico 87505

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

API Number	Pool Code <b>98136</b>	Pool Name <b>WC-025 G-07 S223505N;Bone Spring</b>
Property Code	Property Name <b>CACHE RIVER 29 32 STATE COM</b>	Well Number <b>302H</b>
OGRID No.	Operator Name <b>VF PETROLEUM INC</b>	Elevation <b>3657'</b>

**Surface Location**

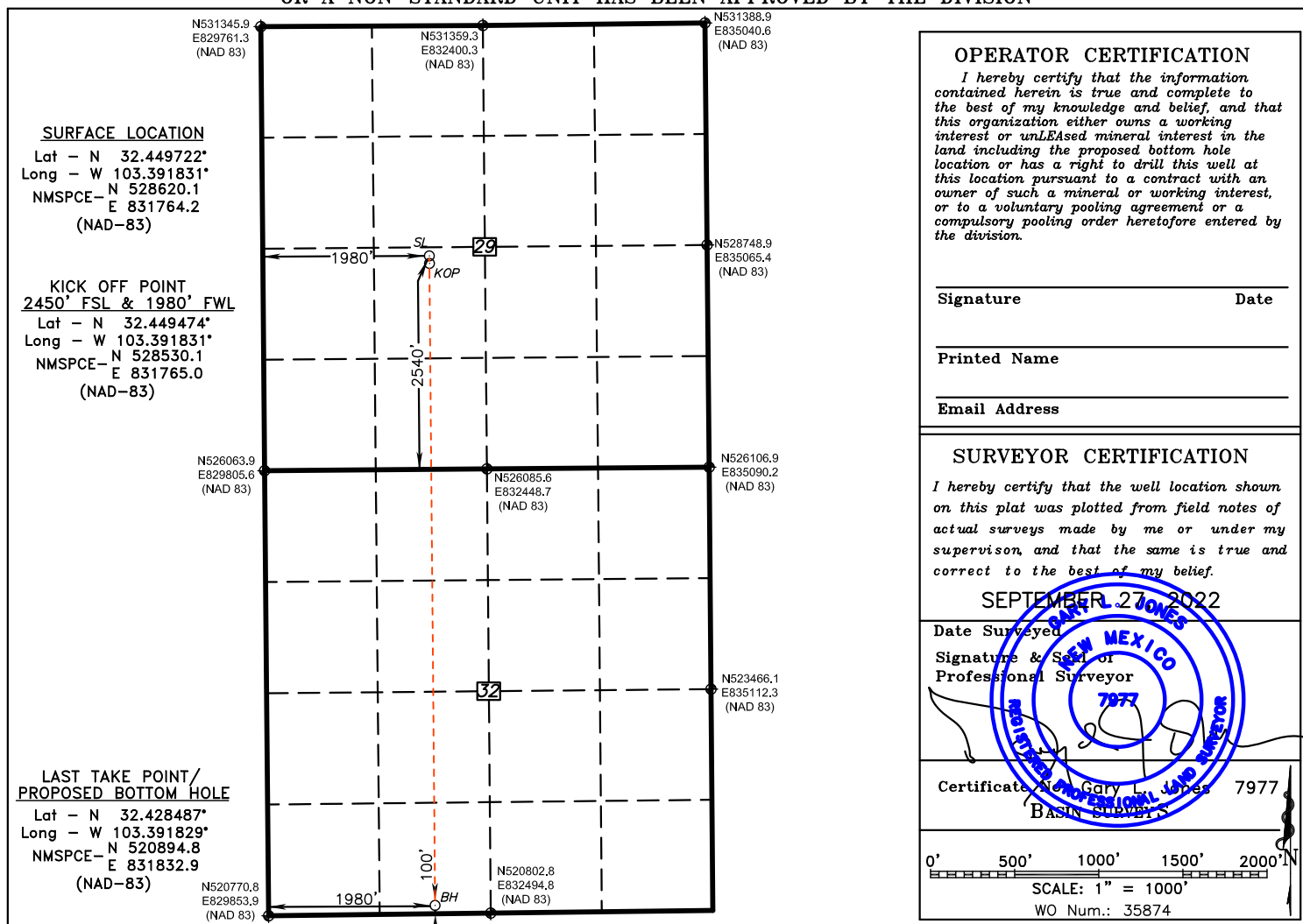
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
K	29	21 S	35 E		2540	SOUTH	1980	WEST	LEA

**Bottom Hole Location If Different From Surface**

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County
N	32	21 S	35 E		100	SOUTH	1980	WEST	LEA

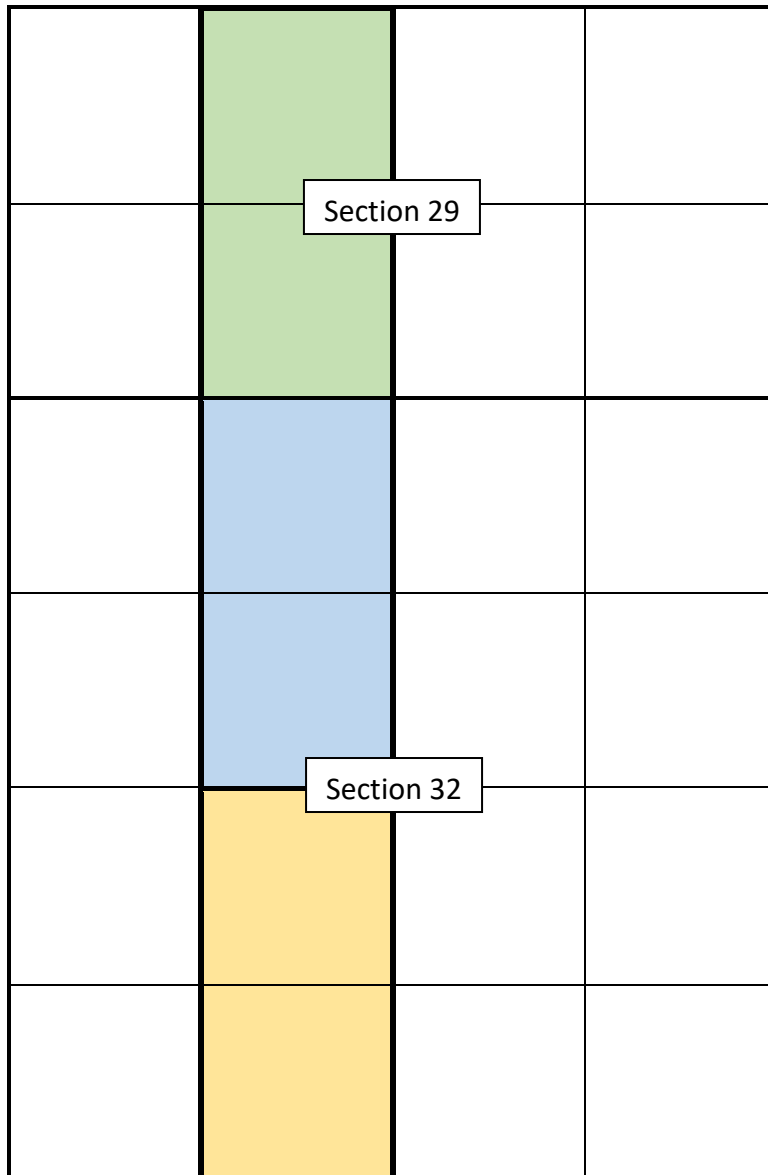
Dedicated Acres <b>240.00</b>	Joint or Infill	Consolidation Code	Order No.
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**V-F Petroleum, Inc.**  
**Cache River 29 32 State Com 102H, 202H, 302H**

Township 21 South – Range 35 East, N.M.P.M.  
Section 29: E/2SW/4  
Section 32: E/2W/2  
Lea County, New Mexico  
Limited in Depth to the Bone Spring Formation



Tract 1 State of NM E0-1921
Tract 2 State of NM B0-0935
Tract 3 State of NM E0-1924

**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit A-4**

**Tract 1: Section 29: E/2SW/4 (80.00 Acres more or less)**

V-F Petroleum, Inc.	3.650000%
Gahr Energy Company	7.310000%
J.M. Gahr	7.620000%
Fuel Products, Inc.	13.630000%
COG Operating LLC	57.750000%
Rutter & Wilbanks	0.540000%
Michael Christopher Finseth	2.500000%
Heirs or Deviseses of Patricia Doyle Finseth	1.000000%
Legacy Reserves Operating, LP	3.000000%
<u>The Ninety-Six Corporation</u>	<u>3.000000%</u>
Total	100.000000%

**Tract 2: Section 32: E/2NW/4 (80.00 Acres more or less)**

Apache Corporation	100.000000%
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**Tract 3: Section 32: E/2SW/4 (80.00 Acres more or less)**

ConocoPhillips Company	100.000000%
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**Unit Working Interest**

V-F Petroleum, Inc.	1.216667%
Gahr Energy Company	2.436667%
J.M. Gahr	2.540000%
Fuel Products, Inc.	4.543333%
COG Operating LLC	19.250000%
<u>Rutter &amp; Wilbanks</u>	<u>0.180000%</u>
<u>Michael Christopher Finseth</u>	<u>0.833333%</u>
<u>Heirs or Deviseses of Patricia Doyle Finseth</u>	<u>0.333333%</u>
<u>The Ninety-Six Corporation</u>	<u>1.000000%</u>
<u>Legacy Reserves Operating, LP</u>	<u>1.000000%</u>
ConocoPhillips Company	33.333333%
<u>Apache Corporation</u>	<u>33.333333%</u>
Total	100.000000%
Total Committed to Unit	63.320000%
Total Seeking to Pool	36.680000%
<u>Parties We Seek to Pool</u>	



# V-F Petroleum Inc.

Physical Address: 500 W. Texas, Suite 350, Midland, Texas, 79701; Phone 432-683-3344;

Mailing Address: P.O. Box 1889, Midland, Texas, 79702; e-mail: ryan@yfpetroleum.com

August 31, 2022

COG Operating LLC  
600 W. Illinois Ave.  
Midland, TX 79701  
OBO NM Land

*Transmitted Via United States Postal System – Certified Mail – Return Receipt Requested*

**RE: Well Proposals – Cache River 29 32 State Com Wells  
Township 21 South – Range 35 East, N.M.P.M.  
SW/4 of Section 29 & W/2 of Section 32  
480 Acres, more or less – Bone Spring Formation  
Lea County, New Mexico**

Ladies and/or Gentlemen:

V-F Petroleum, Inc., as operator, (“V-F”) hereby proposes to drill, complete and equip each of the below referenced horizontal wells at the locations so indicated, to respectively test the Bone Spring formation as herein described.

**Cache River 29 32 State Com #101H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 17,260’ and total vertical depth of 9,340’. The estimated surface hole location is 2,540’ FSL and 660’ FWL of Section 29 (Unit Letter L) or an approved location in Section 29. The estimated bottom hole location is 100’ FSL and 660’ FWL of Section 32 (Unit Letter M) or an approved location in Section 32. The dedicated spacing unit will consist of the W/2SW/4 of Section 29 & the W/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$9,413,270 as shown on the enclosed AFE.

**Cache River 29 32 State Com #201H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 17,960’ and total vertical depth of 10,140’. The estimated surface hole location is 2,540’ FSL and 660’ FWL of Section 29 (Unit Letter L) or an approved location in Section 29. The estimated bottom hole location is 100’ FSL and 660’ FWL of Section 32 (Unit Letter M) or an approved location in Section 32. The dedicated spacing unit will consist of the W/2SW/4 of Section 29 & the W/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$9,955,920 as shown on the enclosed AFE.

**Cache River 29 32 State Com #301H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 18,665’ and total vertical depth of 10,845’. The estimated surface hole location is 2,540’ FSL and 660’ FWL of Section 29 (Unit Letter L) or an approved location in Section 29. The estimated bottom hole location is 100’ FSL and 660’ FWL of Section 32 (Unit Letter M) or an approved location in Section 32. The dedicated spacing unit will consist of the W/2SW/4 of Section 29 & the W/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$10,239,505 as shown on the enclosed AFE.

**V-F Petroleum, Inc.  
Case No. 23103  
Exhibit A-5**

**Cache River 29 32 State Com #102H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 17,240' and total vertical depth of 9,320'. The estimated surface hole location is 2,540' FSL and 1,980' FWL of Section 29 (Unit Letter K) or an approved location in Section 29. The estimated bottom hole location is 100' FSL and 1,980' FWL of Section 32 (Unit Letter N) or an approved location in Section 32. The dedicated spacing unit will consist of the E/2SW/4 of Section 29 & the E/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$9,413,270 as shown on the enclosed AFE.

**Cache River 29 32 State Com #202H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 17,940' and total vertical depth of 10,120'. The estimated surface hole location is 2,540' FSL and 1,980' FWL of Section 29 (Unit Letter K) or an approved location in Section 29. The estimated bottom hole location is 100' FSL and 1,980' FWL of Section 32 (Unit Letter N) or an approved location in Section 32. The dedicated spacing unit will consist of the E/2SW/4 of Section 29 & the E/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$9,955,920 as shown on the enclosed AFE.

**Cache River 29 32 State Com #302H**, to be drilled to a depth sufficient to test the Bone Spring Formation at an approximated measured depth of 18,645' and total vertical depth of 10,825'. The estimated surface hole location is 2,540' FSL and 1,980' FWL of Section 29 (Unit Letter K) or an approved location in Section 29. The estimated bottom hole location is 100' FSL and 1,980' FWL of Section 32 (Unit Letter N) or an approved location in Section 32. The dedicated spacing unit will consist of the E/2SW/4 of Section 29 & the E/2W/2 of Section 32, T21S-R35E, Lea County, NM. The estimated cost to drill, complete and equip this well is \$10,239,505 as shown on the enclosed AFE.

V-F is proposing these wells under the terms of a new A.A.P.L. Form 610 – 1989 Model Form Operating Agreement, Horizontal Modifications (“Operating Agreement”), designating V-F Petroleum Inc. as Operator, covering the SW/4 of Section 29 and the W/2 of Section 32, T21S, R35E, N.M.P.M, Lea County, New Mexico, containing approximately 480 acres, more or less, covering the Bone Spring formation (“Contract Area”) with the following general provisions:

- 100%/300% Non-Consenting Penalty;
- \$8,000/\$800 Drilling and Producing Rate; and
- V-F Petroleum Inc. named Operator.

If you should desire not to participate in the drilling and completion of the wells herein proposed, V-F is willing to discuss an alternative proposal to acquire your oil and gas interests in this area.

In the interest of time, if we do not reach an agreement within 30 days of the date of this letter, V-F will apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest into a horizontal spacing unit for the proposed wells.

Please indicate your intention to either **participate or not participate** in the drilling, completion and equipping of each of the above referenced wells by placing an "X" in the appropriate spaces provided below, and return one (1) executed copy of this letter, one (1) executed AFE for each well you have elected **to participate** and one (1) executed copy of the enclosed Operating Agreement. If you have any questions or concerns, please do not hesitate in contacting Ryan Curry, Landman for V-F Petroleum Inc. by phone at (432) 683-3344 or by email at [ryan@vfpetroleum.com](mailto:ryan@vfpetroleum.com).

Best Regards,

A handwritten signature in black ink that reads "Ryan B. Curry". The signature is written in a cursive, slightly slanted style.

Ryan Curry  
Landman

Enclosures

*Elections set forth on the following pages*

ELECTIONS -

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #101H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #101H Well

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #201H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #201H Well

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #301H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #301H Well

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #102H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #102H Well

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #202H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #202H Well

\_\_\_\_\_ Elect **to** Participate in the Cache River 29 32 State Com #302H Well

\_\_\_\_\_ Elect **Not to** Participate in the Cache River 29 32 State Com #302H Well

By: COG Operating LLC

Title: \_\_\_\_\_

Date: \_\_\_\_\_

<b>V-F Petroleum Inc.</b>							API No.	
<b>AUTHORIZATION FOR EXPENDITURE</b>							AFE Number	
<b>Date Prepared / Revised: August 31, 2022</b>							Well Type	
X	Original	Supplement	Revision	Re-Entry	First BS Sand Horizontal Oil Well 1.5 Mile			
X	Drill Well	Workover	Facilities	Plug & Abandon	Projected TD: MD 17,240'			
Lease Name/Well #			County / State	Formation	Basin	Field or Prospect	SHL: Unit Letter K of Section 29, T21S-R35E	
Cache River 29 32 State Com #102H			Lea NM	1st Bone Spring	Permian	Rawhide ( San Simon)	BHL: Unit Letter N of Section 32, T21S-R35E	
Acct Code	INTANGIBLE DESCRIPTION					COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST
501	PERMITS & ENVIROMENTAL SERVICES					\$10,000	\$10,000	\$20,000
516	TITLE OPINION, CURATIVE & POOLING					\$25,000		\$25,000
501	SURVEYING STAKE LOCATION					\$5,000		\$5,000
501	DAMAGES & R-O-W'S					\$25,000		\$25,000
502/711	ROADS, LOCATION, PITS, LINERS, ETC.					\$100,000	\$10,000	\$110,000
503	DRILLING RIG MOBILIZATION COST					\$250,000		\$250,000
503	DRILLING RIG - DAYS 27 days @ \$25,000					\$675,000		\$675,000
503	RIG HOUSING 30 days @ \$1,800					\$54,000		\$54,000
503	STEERING days @							
503	MUD MOTORS & DIRECTIONAL					\$165,000		\$165,000
517	CLOSED LOOP & DISPOSAL 27 days @ \$4,000					\$108,000		\$108,000
505	MUD & FRAC CHEMICALS					\$156,000	\$60,000	\$216,000
505/716	WATER (Brine & Fresh); FRAC WATER					\$40,000	\$465,000	\$505,000
503	BITS, REAMERS, ETC.					\$125,000		\$125,000
503	FUEL 60750 gallons @ \$5					\$303,750		\$303,750
504	CEMENTING SURFACE					\$35,500		\$35,500
504	CEMENTING INTERMEDIATE					\$70,000		\$70,000
701	CEMENTING PRODUCTION						\$120,000	\$120,000
509/705	TUBULAR SERVICES					\$20,000	\$30,000	\$50,000
509/705	CASING CREWS / HYDRAULIC CATWALK					\$20,000	\$25,000	\$45,000
513/708	FLOAT EQUIPMENT, CENTRALIZERS, ECP'S, DV TOOLS					\$12,000	\$35,000	\$47,000
507	TESTING; COMPLETION, FLOWBACK						\$110,000	\$110,000
508	OPEN HOLE LOGGING							
508	MUD LOGGING 18 days @ \$2,000					\$36,000		\$36,000
509/705	WELDING, HOURLY LABOR, SAFETY PAY					\$65,000		
509/713	EQUIPMENT RENTAL					\$52,000	\$135,000	\$187,000
509/714	TRUCKING, TRANSPORTATION, FORKLIFT					\$22,000		\$22,000
715	COMPLETION UNIT; COIL TUBING UNIT						\$310,000	\$310,000
704	FORMATION STIMULATION (45 STAGES)						\$2,000,000	\$2,000,000
702/03	CASED HOLE LOGGING, PERFORATING & FRAC PLUGS						\$195,000	\$195,000
510/11/706	GEOLOGIC / ENGINEERING					\$30,000	\$55,000	\$85,000
509/705	CONTRACT CONSULTANTS 27 days @ \$3,000					\$81,000	\$52,000	\$133,000
514	DRILLING WELL RATE (A/O) 27 days @ \$200					\$5,400	\$5,000	\$10,400
515/705	INSURANCE					\$35,000	\$15,000	\$50,000
513/708	MISCELLANEOUS					\$30,000	\$181,000	\$211,000
509/705	CONTINGENCY (10%)					\$252,000	\$380,000	\$632,000
<b>TOTAL INTANGIBLE ESTIMATED COST</b>						<b>\$2,807,650</b>	<b>\$4,193,000</b>	<b>\$7,000,650</b>
Acct Code	TANGIBLE DESCRIPTION					COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST
620/820	CONDUCTOR	Length	Grade	Size	Weight	Price/Ft.		
620/820		120'	K-55	20		\$365.00	\$43,800	\$43,800
620/820	SURFACE	1,800'	K-55	13 3/8"	54.5	\$105.00	\$189,000	\$189,000
620/820		INTERMEDIATE	5,400'	J55 & 180	9 5/8"	40	\$63.00	\$340,200
620/820	INTERMEDIATE							
820	PRODUCTION	17,260'	P110	5 1/2"	20	\$37.00		\$638,620
820	PRODUCTION LINER							
821	TUBING (Coated)	9,000'	L-80	2.875	6.5	\$16.00		\$144,000
621/824	WELLHEAD EQUIPMENT						\$28,000	\$18,000
825	PRODUCTION FACILITY ENCLOSURE							\$185,000
825	POWER SOURCE							\$63,000
822	RODS AND PUMP (FG & STEEL)							
823	PACKERS, BPS, ESP, DOWNHOLE EQUIPMENT							
827	HEATER TREATER, SEPERATOR, FWKO						\$125,000	
831	GAS SALES LINE & METER RUN						\$15,000	\$15,000
830	FLOWLINES, VALVES, CONNECTIONS						\$125,000	\$125,000
827	TANKS (WATER AND PRODUCTION)						\$175,000	\$175,000
830	MISCELLANEOUS						\$30,000	\$74,000
622/820	CONTINGENCY (10%)						\$63,000	\$156,000
<b>TOTAL TANGIBLE ESTIMATED COST</b>						<b>\$694,000</b>	<b>\$1,718,620</b>	<b>\$2,412,620</b>
941-945	P&A Costs, Rig, Cmt, Cleanup, Misc., Services					\$50,000		
<b>ESTIMATED DRY HOLE COST</b>						<b>\$3,551,650</b>		
<b>TOTAL AFE ESTIMATED COST</b>						<b>\$3,501,650</b>	<b>\$5,911,620</b>	<b>\$9,413,270</b>
<b>APPROVAL AND ACCEPTANCE:</b>								
WI OWNER _____				IT IS RECOGNIZED THAT AMOUNTS HEREIN ARE ESTIMATES ONLY AND APPROVAL OF THIS AUTHORIZATION SHALL EXTEND TO THE ACTUAL COSTS INCURRED IN CONDUCTING THE OPERATION SPECIFIED, WHETHER MORE OR LESS THAN THE HEREIN SET OUT.				
W.I. _____								
Title _____				Prepared by: Engineering			Date: August 31, 2022	
Signature _____				Date: _____				
Date _____				*Optional OEE Insurance ADD \$23,000 to AFE Total above. Please check if you elect to be included in the Operators Extra Expense Insurance coverage as set forth in Paragraph A.6 of Exh "D" to JOA				

<b>V-F Petroleum Inc.</b>							API No.		
<b>AUTHORIZATION FOR EXPENDITURE</b>							AFE Number		
<b>Date Prepared / Revised: 08-31-2022</b>							Well Type		
X	Original	Supplement	Revision	Re-Entry	Second BS Sand Horizontal Oil Well 1.5 Mile				
X	Drill Well	Workover	Facilities	Plug & Abandon	Projected TD: MD 17,940'				
Lease Name/Well #		County / State	Formation	Basin	Field or Prospect	SHL: Unit Letter K of Section 29, T21S-R35E			
Cache River 29 32 State Com #202H		Lea NM	2nd Bone Spring	Permian	Rawhide ( San Simon)	BHL: Unit Letter N of Section 32, T21S-R35E			
Acct Code	INTANGIBLE DESCRIPTION				COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST		
501	PERMITS & ENVIROMENTAL SERVICES				\$30,000	\$10,000	\$40,000		
516	TITLE OPINION, CURATIVE & POOLING				\$25,000		\$25,000		
501	SURVEYING STAKE LOCATION				\$5,000		\$5,000		
501	DAMAGES & R-O-W'S				\$25,000		\$25,000		
502/711	ROADS, LOCATION, PITS, LINERS, ETC.				\$100,000	\$10,000	\$110,000		
503	DRILLING RIG MOBILIZATION COST				\$250,000		\$250,000		
503	DRILLING - DAYS	30 days @	\$25,000		\$750,000		\$750,000		
503	RIG HOUSING	33 days @	\$1,800		\$59,400		\$59,400		
503	STEERING	days @							
503	MUD MOTORS & DIRECTIONAL				\$165,000		\$165,000		
517	CLOSED LOOP & DISPOSAL	30 days @	\$5,000		\$150,000		\$150,000		
505	MUD & FRAC CHEMICALS				\$156,000	\$60,000	\$216,000		
505/716	WATER (Brine & Fresh); FRAC WATER				\$40,000	\$465,000	\$505,000		
503	BITS, REAMERS, ETC.				\$132,800		\$132,800		
503	FUEL	67500 gallons @	\$5		\$337,500		\$337,500		
504	CEMENTING SURFACE				\$35,500		\$35,500		
504	CEMENTING INTERMEDIATE				\$70,000		\$70,000		
701	CEMENTING PRODUCTION					\$130,000	\$130,000		
509/705	TUBULAR SERVICES				\$20,000	\$36,000	\$56,000		
509/705	CASING CREWS / HYDRAULIC CATWALK				\$20,000	\$28,000	\$48,000		
513/708	FLOAT EQUIPMENT, CENTRALIZERS, ECP'S, DV TOOLS				\$12,000	\$38,000	\$50,000		
507	TESTING; COMPLETION, FLOWBACK					\$110,000	\$110,000		
508	OPEN HOLE LOGGING								
508	MUD LOGGING	24 days @	\$2,000		\$48,000		\$48,000		
509/705	WELDING, HOURLY LABOR, SAFETY PAY				\$67,000				
509/713	EQUIPMENT RENTAL				\$54,000	\$135,000	\$189,000		
509/714	TRUCKING, TRANSPORTATION, FORKLIFT				\$24,000	\$12,000	\$36,000		
715	COMPLETION UNIT; COIL TUBING UNIT					\$335,000	\$335,000		
704	FORMATION STIMULATION (45 STAGES)					\$2,100,000	\$2,100,000		
702/03	CASED HOLE LOGGING, PERFORATING & FRAC PLUGS					\$236,000	\$236,000		
510/11/706	GEOLOGIC / ENGINEERING				\$35,000	\$56,000	\$91,000		
509/705	CONTRACT CONSULTANTS	30 days @	\$3,500		\$105,000	\$52,000	\$157,000		
514	DRILLING WELL RATE (A/O)	30 days @	\$200		\$6,000	\$5,000	\$11,000		
515/705	INSURANCE				\$38,000	\$15,000	\$53,000		
513/708	MISCELLANEOUS				\$30,000	\$191,000	\$221,000		
509/705	CONTINGENCY (10%)				\$275,000	\$401,000	\$676,000		
<b>TOTAL INTANGIBLE ESTIMATED COST</b>					<b>\$3,065,200</b>	<b>\$4,425,000</b>	<b>\$7,490,200</b>		
Acct Code	TANGIBLE DESCRIPTION						COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST
620/820	CONDUCTOR	Length	Grade	Size	Weight	Price/Ft.			
620/820		120'	K-55	20		\$365.00	\$43,800	\$43,800	
620/820	SURFACE	1,800'	K-55	13 3/8"	54.5	\$105.00	\$189,000	\$189,000	
620/820		5,400'	L-80	9 5/8"	40	\$63.00	\$340,200	\$340,200	
620/820	INTERMEDIATE								
820	PRODUCTION	17,960'	P110	5 1/2"	20	\$37.00	\$664,520	\$664,520	
820	PRODUCTION LINER								
821	TUBING (Coated)	10,200'	L-80	2.875	6.5	\$16.00	\$163,200	\$163,200	
621/824	WELLHEAD EQUIPMENT						\$28,000	\$18,000	\$46,000
825	PRODUCTION FACILITY ENCLOSURE							\$185,000	\$185,000
825	POWER SOURCE							\$63,000	\$63,000
822	RODS AND PUMP (FG & STEEL)								
823	PACKERS, BP'S, ESP, DOWNHOLE EQUIPMENT								
827	HEATER TREATER, SEPERATOR, FWKO							\$125,000	
831	GAS SALES LINE & METER RUN							\$15,000	\$15,000
830	FLOWLINES, VALVES, CONNECTIONS							\$125,000	\$125,000
827	TANKS (WATER AND PRODUCTION)							\$175,000	\$175,000
830	MISCELLANEOUS						\$30,000	\$77,000	\$107,000
622/820	CONTINGENCY (10%)						\$63,000	\$161,000	\$224,000
<b>TOTAL TANGIBLE ESTIMATED COST</b>							<b>\$694,000</b>	<b>\$1,771,720</b>	<b>\$2,465,720</b>
941-945	P&A Costs, Rig, Cmt, Cleanup, Misc., Services						\$50,000		
<b>ESTIMATED DRY HOLE COST</b>							<b>\$3,809,200</b>		
<b>TOTAL AFE ESTIMATED COST</b>							<b>\$3,759,200</b>	<b>\$6,196,720</b>	<b>\$9,955,920</b>
<b>APPROVAL AND ACCEPTANCE:</b>									
WI OWNER _____				IT IS RECOGNIZED THAT AMOUNTS HEREIN ARE ESTIMATES ONLY AND APPROVAL OF THIS AUTHORIZATION SHALL EXTEND TO THE ACTUAL COSTS INCURRED IN CONDUCTING THE OPERATION SPECIFIED, WHETHER MORE OR LESS THAN THE HEREIN SET OUT.					
W.I. _____									
Title _____				Prepared by: Engineering			Date: August 31,2022		
Signature _____				Date: _____					
Date _____				*Optional OEE Insurance ADD \$23,000 to AFE Total above. Please check if you elect to be included in the Operators Extra Expense Insurance coverage as set forth in Paragraph A.6 of Exh "D" to JOA					



<b>V-F Petroleum Inc.</b>							API No.	
<b>AUTHORIZATION FOR EXPENDITURE</b>							AFE Number	
<b>Date Prepared / Revised: 08-31-2022</b>							Well Type	
X	Original	Supplement	Revision	Re-Entry	Third BS Sand Horizontal Oil Well 1.5 Mile			
X	Drill Well	Workover	Facilities	Plug & Abandon	Projected TD: MD 18,645'			
Lease Name/Well #		County / State	Formation	Basin	Field or Prospect	SHL: Unit Letter K of Section 29, T21S-R35E		
Cache River 29 32 State Com #302H		Lea NM	3rd Bone Spring	Permian	Rawhide ( San Simon)	BHL: Unit Letter N of Section 32, T21S-R35E		
Acct Code	INTANGIBLE DESCRIPTION					COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST
501	PERMITS & ENVIROMENTAL SERVICES					\$30,000	\$10,000	\$40,000
516	TITLE OPINION, CURATIVE & POOLING					\$25,000		\$25,000
501	SURVEYING STAKE LOCATION					\$5,000		\$5,000
501	DAMAGES & R-O-W'S					\$25,000		\$25,000
502/711	ROADS, LOCATION, PITS, LINERS, ETC.					\$100,000	\$10,000	\$110,000
503	DRILLING RIG MOBILIZATION COST					\$250,000		\$250,000
503	DRILLING - DAYS 32 days @ \$25,000					\$800,000		\$800,000
503	RIG HOUSING 35 days @ \$1,800					\$63,000		\$63,000
503	STEERING days @							
503	MUD MOTORS & DIRECTIONAL					\$165,000		\$165,000
517	CLOSED LOOP & DISPOSAL 32 days @ \$5,000					\$160,000		\$160,000
505	MUD & FRAC CHEMICALS					\$156,000	\$60,000	\$216,000
505/716	WATER (Brine & Fresh); FRAC WATER					\$40,000	\$465,000	\$505,000
503	BITS, REAMERS, ETC.					\$125,000		\$125,000
503	FUEL 72000 gallons @ \$5					\$360,000		\$360,000
504	CEMENTING SURFACE					\$35,500		\$35,500
504	CEMENTING INTERMEDIATE					\$70,000		\$70,000
701	CEMENTING PRODUCTION						\$140,000	\$140,000
509/705	TUBULAR SERVICES					\$20,000	\$40,000	\$60,000
509/705	CASING CREWS / HYDRAULIC CATWALK					\$20,000	\$30,000	\$50,000
513/708	FLOAT EQUIPMENT, CENTRALIZERS, ECP'S, DV TOOLS					\$12,000	\$47,000	\$59,000
507	TESTING; COMPLETION, FLOWBACK						\$110,000	\$110,000
508	OPEN HOLE LOGGING							
508	MUD LOGGING 26 days @ \$2,000					\$52,000		\$52,000
509/705	WELDING, HOURLY LABOR, SAFETY PAY					\$69,000		
509/713	EQUIPMENT RENTAL					\$56,000	\$135,000	\$191,000
509/714	TRUCKING, TRANSPORTATION, FORKLIFT					\$26,000	\$12,000	\$38,000
715	COMPLETION UNIT; COIL TUBING UNIT						\$350,000	\$350,000
704	FORMATION STIMULATION (45 STAGES)						\$2,175,000	\$2,175,000
702/03	CASED HOLE LOGGING, PERFORATING & FRAC PLUGS						\$250,000	\$250,000
510/11/706	GEOLOGIC / ENGINEERING					\$37,000	\$57,000	\$94,000
509/705	CONTRACT CONSULTANTS 30 days @ \$3,500					\$105,000	\$52,000	\$157,000
514	DRILLING WELL RATE (A/O) 30 days @ \$200					\$6,000	\$5,000	\$11,000
515/705	INSURANCE					\$39,000	\$15,000	\$54,000
513/708	MISCELLANEOUS					\$30,000	\$197,000	\$227,000
509/705	CONTINGENCY (10%)					\$284,000	\$415,000	\$699,000
<b>TOTAL INTANGIBLE ESTIMATED COST</b>						<b>\$3,165,500</b>	<b>\$4,575,000</b>	<b>\$7,740,500</b>
Acct Code	TANGIBLE DESCRIPTION					COST BEFORE CASING POINT	COMPLETION COST	TOTAL WELL COST
620/820	CONDUCTOR	Length	Grade	Size	Weight	Price/Ft.		
620/820		120'	K-55	20		\$365.00	\$43,800	\$43,800
620/820	SURFACE	1,800'	K-55	13 3/8"	54.5	\$105.00	\$189,000	\$189,000
620/820		5,400'	L-80	9 5/8"	40	\$63.00	\$340,200	\$340,200
620/820	INTERMEDIATE							
820	PRODUCTION	18,665'	P110	5 1/2"	20	\$37.00	\$690,605	\$690,605
820	PRODUCTION LINER							
821	TUBING (Coated)	10,400'	L-80	2.875	6.5	\$16.00	\$166,400	\$166,400
621/824	WELLHEAD EQUIPMENT						\$28,000	\$18,000
825	PRODUCTION FACILITY ENCLOSURE							\$185,000
825	POWER SOURCE							\$63,000
822	RODS AND PUMP (FG & STEEL)							
823	PACKERS, BP'S, ESP, DOWNHOLE EQUIPMENT							
827	HEATER TREATER, SEPERATOR, FWKO						\$125,000	
831	GAS SALES LINE & METER RUN						\$15,000	\$15,000
830	FLOWLINES, VALVES, CONNECTIONS						\$125,000	\$125,000
827	TANKS (WATER AND PRODUCTION)						\$175,000	\$175,000
830	MISCELLANEOUS						\$30,000	\$78,000
622/820	CONTINGENCY (10%)						\$63,000	\$164,000
<b>TOTAL TANGIBLE ESTIMATED COST</b>						<b>\$694,000</b>	<b>\$1,805,005</b>	<b>\$2,499,005</b>
941-945	P&A Costs, Rig, Cmt, Cleanup, Misc., Services					\$50,000		
<b>ESTIMATED DRY HOLE COST</b>						<b>\$3,909,500</b>		
<b>TOTAL AFE ESTIMATED COST</b>						<b>\$3,859,500</b>	<b>\$6,380,005</b>	<b>\$10,239,505</b>
<b>APPROVAL AND ACCEPTANCE:</b>								
WI OWNER _____				IT IS RECOGNIZED THAT AMOUNTS HEREIN ARE ESTIMATES ONLY AND APPROVAL OF THIS AUTHORIZATION SHALL EXTEND TO THE ACTUAL COSTS INCURRED IN CONDUCTING THE OPERATION SPECIFIED, WHETHER MORE OR LESS THAN THE HEREIN SET OUT.				
W.I. _____								
Title _____				Prepared by: Engineering			Date: August 31, 2022	
Signature _____				Date: _____				
Date _____				*Optional OEE Insurance ADD \$23,000 to AFE Total above. Please check if you elect to be included in the Operators Extra Expense Insurance coverage as set forth in Paragraph A.6 of Exh "D" to JOA				

## Chronology of Contact

9/1/2022: Well proposals, AFEs and Operating Agreements for Cache River 29 32 State Com 102H, 202H and 302H were sent via certified mail to all working interest owners in the project.

9/9/2022: Provided additional information to The Ninety-Six Corporation via email

9/9/2022: Email communication with Rutter & Wilbanks regarding the proposal

9/14/2022: Provided additional information to Apache Corporation about their ownership in the project via email

9/15/2022: Provided additional information to Legacy Reserves about their ownership and anticipated timing of the development

9/15/2022: Reached out to Michael Christopher Finseth regarding the proposal

9/19/2022: Extended offer to purchase Legacy's interest in the project

10/5/2022: Additional communication with Michael Christopher Finseth about the project and his claim to his mother's interest (Patricia Doyle Finseth)

10/10/2022: Email communication with Apache Corporation discussing JOA changes

10/18/2022: Email communication with Apache Corporation indicating they wish to negotiate a letter agreement and be governed by a pooling order in lieu of a JOA

**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit A-6**

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

**APPLICATION OF V-F PETROLEUM, INC.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 23103**

**SELF-AFFIRMED STATEMENT  
OF MICHAEL BURKE**

1. I am a geologist with V-F Petroleum, Inc. (“V-F Petroleum”). I am over 18 years of age, have personal knowledge of the matters addressed herein, and am competent to provide this Self-Affirmed Statement. I have previously testified before the New Mexico Oil Conservation Division (“Division”), and my credentials as an expert in petroleum geology matters were accepted and made a matter of record.

2. I am familiar with the geological matters that pertain to the above-referenced case.

3. **Exhibit B-1** is a location map of the proposed horizontal spacing unit (“Unit”). The approximate wellbore paths for the proposed **Cache River 29 32 State Com #102H, Cache River 29 32 State Com #202H**, and the **Cache River 29 32 State Com #302H** wells are represented by dashed lines. Existing producing wells in the targeted interval are represented by solid lines.

1. **Exhibit B-2** is a subsea structure map for that is representative of the 1<sup>st</sup> Bone Spring Sand target interval. The data points are indicated by red X-marks along with their corresponding subsea values posted above in blue. The approximate wellbore paths are depicted by dashed lines. The map demonstrates the formation is gently dipping to the southwest in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal Wells.

2. **Exhibit B-3** is a subsea structure map for the that is representative of the 2<sup>nd</sup> Bone Spring Sand target interval. The data points are indicated by red X-marks along with their

**V-F Petroleum, Inc.  
Case No. 23103  
Exhibit B**

corresponding subsea values posted above in blue. The approximate wellbore paths are depicted by dashed lines. The map demonstrates the formation is gently dipping to the southwest in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted intervals with horizontal wells.

3. **Exhibit B-4** is a subsea structure map that is representative of the 3rd Bone Spring Sand target interval. The data points are indicated by red crosses along with their corresponding subsea values posted above in blue. The approximate wellbore paths are depicted by a dashed line. The map demonstrates the formation is gently dipping to the southwest in this area. I do not observe any faulting, pinch-outs, or geologic impediments to developing the targeted interval with horizontal wells.

4. **Exhibits B-2, B-3 and B-4** also identify three (3) wells penetrating the targeted intervals used to construct a structural cross-section from A to A'. I used these well logs because they penetrate the targeted intervals, are of good quality, and are representative of the geology in the area.

5. **Exhibit B-5** is a stratigraphic cross-section using the representative Wells identified on **Exhibits B-2, B-3, and B-4**. It contains gamma ray, resistivity, and porosity logs. The proposed landing zones for the Wells are labeled on the exhibit. This cross-section demonstrates the target intervals are continuous across the Units.

6. In my opinion, a stand-up orientation for the Wells is appropriate to properly develop the subject acreage because of an established directional pattern and the known fracture orientation in this portion of the trend. Stand-up orientation is also supported by a study of the production of stand-up vs laydown orientation in the area, with stand-up well results being significantly better.

7. Based on my geologic study of the area, the targeted interval underlying the Unit is suitable for development by horizontal Wells and the tracts comprising the Unit will contribute more or less equally to the production of the Wells.

8. In my opinion, the granting of V-F Petroleum's application will serve the interests of conservation, the protection of correlative rights, and the prevention of waste.

9. The attached exhibits were either prepared by me or under my supervision or were compiled from company business records.

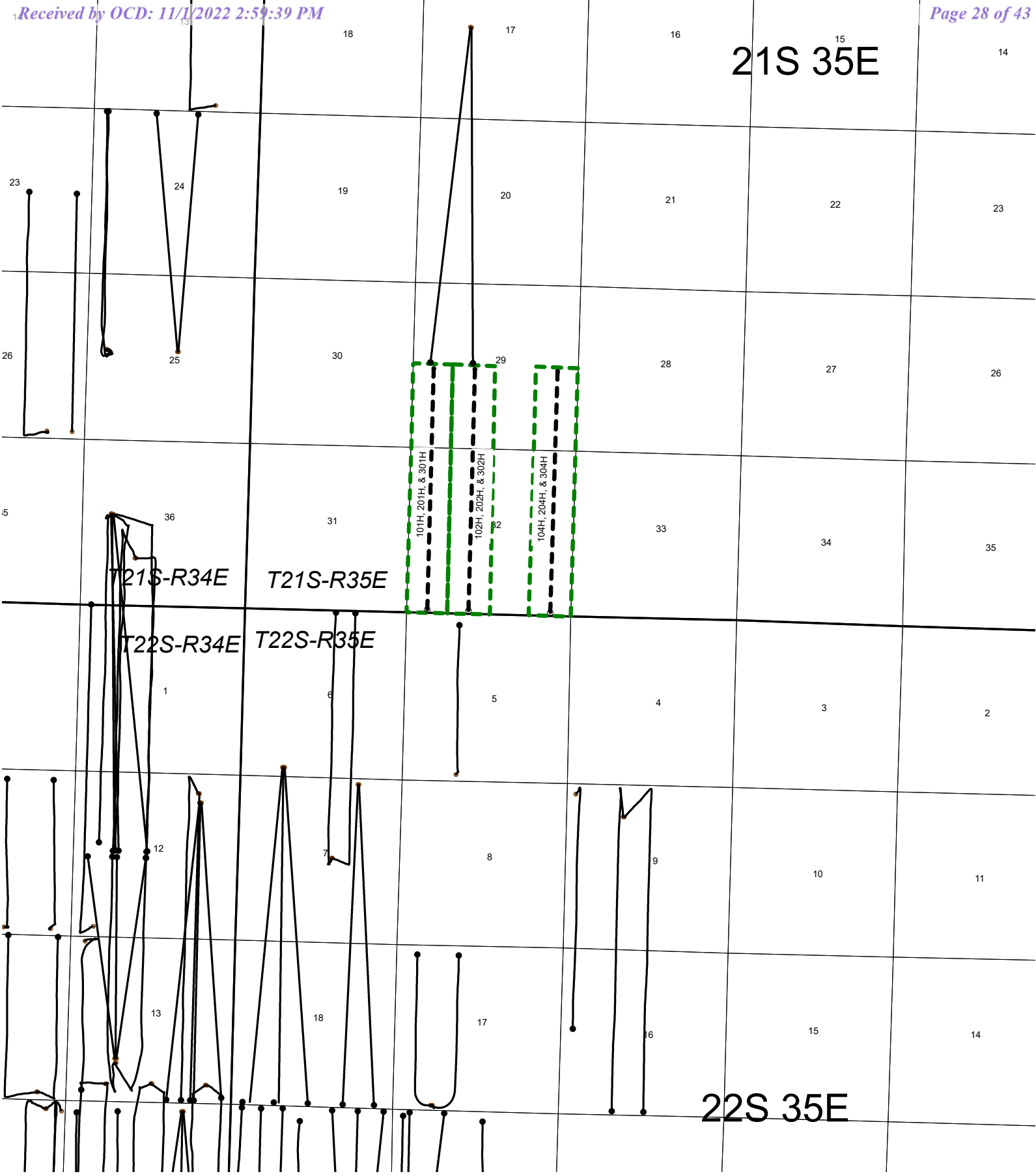
10. I understand this Self-Affirmed Statement will be used as written testimony in this case. I affirm my testimony above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date identified next to my signature below.

  
Michael Burke

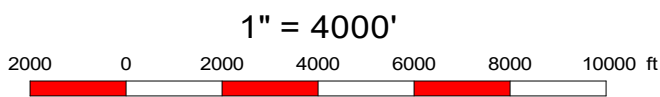
  
Date

21S 35E

22S 35E

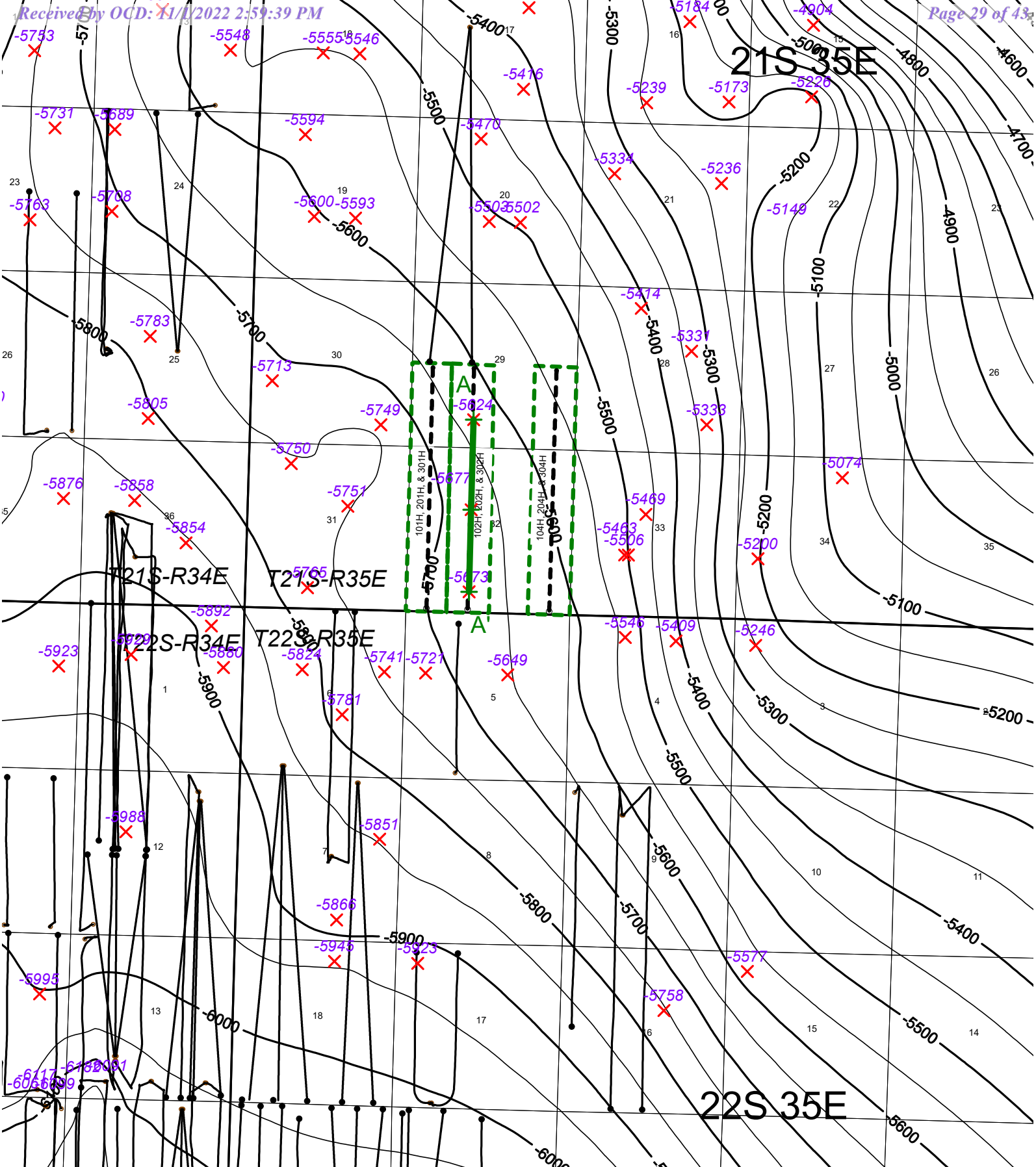


V-F Petroleum, Inc.  
 Case No. 23103  
 Exhibit B-1

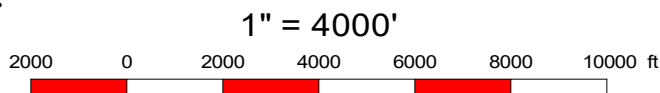


<b>V-F Petroleum, Inc.</b>		
<b>Location Map</b> Horizontal Bone Spring Producing Wells		
Author: m Burke	Bubbles: N/A	Date: 24 October, 2022
Wells: Bspg Producing	Scale: 1" = 4000'	C.I.: N/A

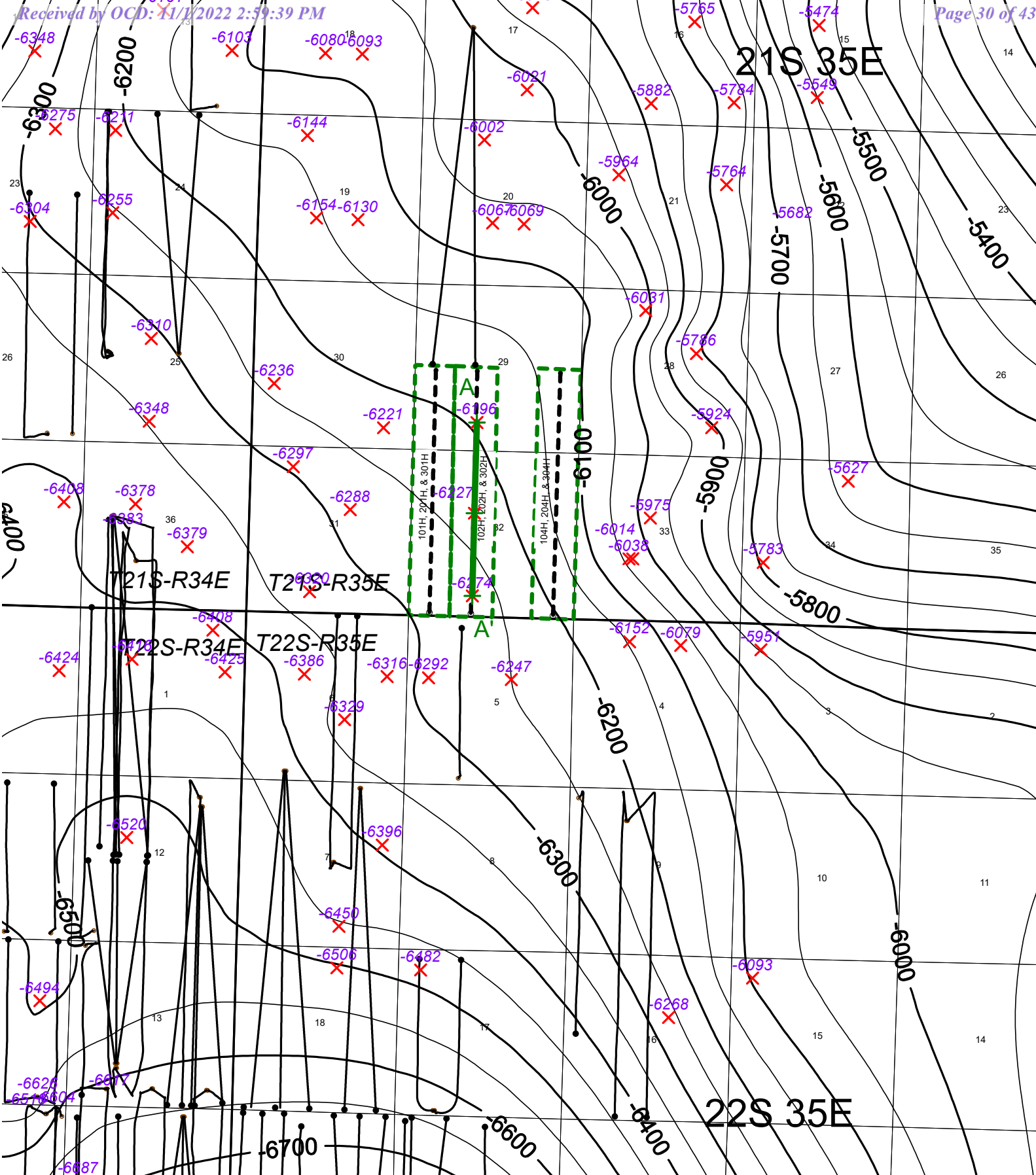




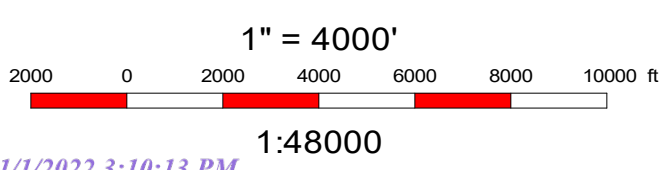
V-F Petroleum, Inc.  
 Case No. 23103  
 Exhibit B-2



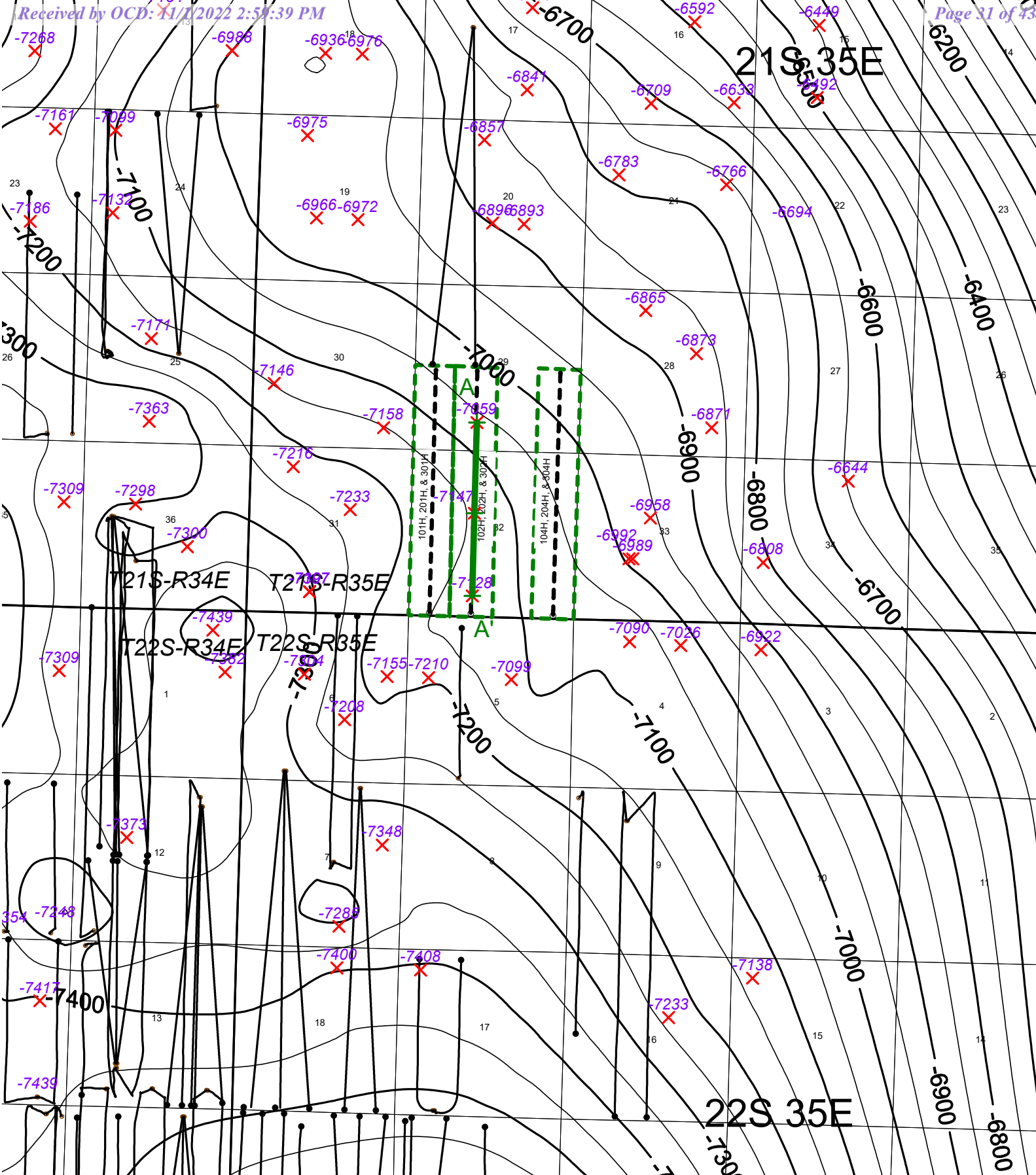
<b>V-F Petroleum, Inc.</b>		
<b>Top of 1st Bone Spring Sand Structure Map Lea Co., New Mexico</b>		
Author: m Burke	Bubbles: N/A	Date: 25 October, 2022
Wells: Bspg Producing	Scale: 1" = 4000'	C.I.: 50'



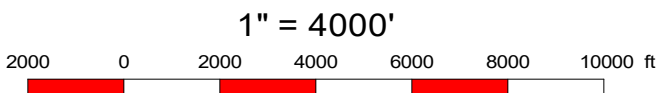
V-F Petroleum, Inc.  
 Case No. 23103  
 Exhibit B-3



<b>V-F Petroleum, Inc.</b>		
<b>Top of 2<sup>nd</sup> Bone Spring Sand</b> Structure Map Lea Co., New Mexico		
Author: m Burke	Bubbles: N/A	Date: 25 October, 2022
Wells: Bspg Producing	Scale: 1" = 4000'	C.I.: 50'



V-F Petroleum, Inc.  
 Case No. 23103  
 Exhibit B-4



1" = 4000'

1:48000



<b>V-F Petroleum, Inc.</b>		
Top of 3 <sup>rd</sup> Bone Spring Sand Structure Map Lea Co., New Mexico		
Author: m Burke	Bubbles: N/A	Date: 24 October, 2022
Wells: Bspg Producing	Scale: 1" = 4000'	C.I.: 50'



A 2889 ft 2641 ft A'

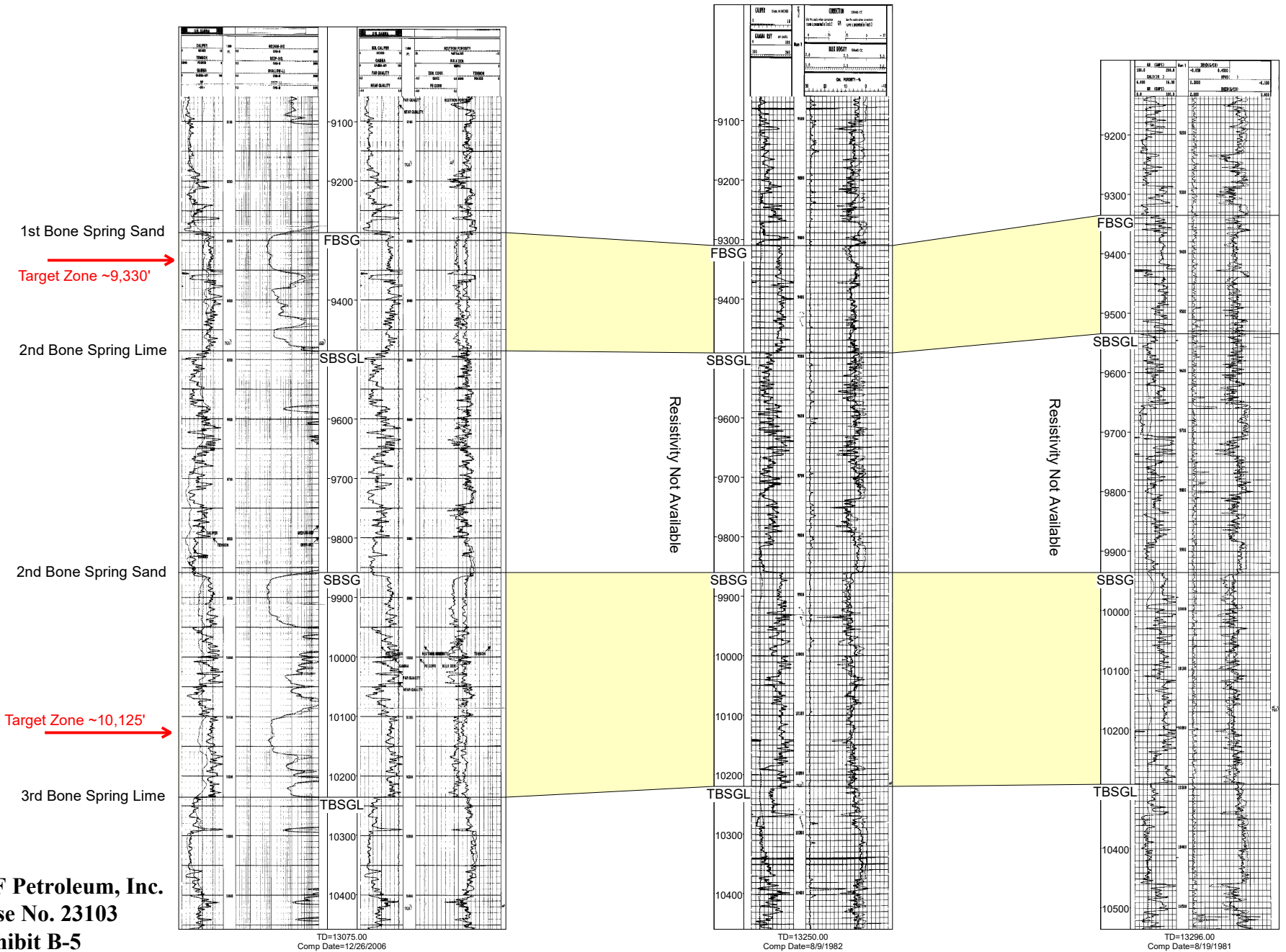
SAMSON RESOURCES CO  
 RAWHIDE 29 STATE 1  
 TWP: 21 S - Range: 35 E - Sec. 29

PHILLIPS PETRLM CO  
 SN SMON 32-B STT CM 1  
 TWP: 21 S - Range: 35 E - Sec. 32

PHILLIPS PETRLM CO  
 SAN SIMON 32-A ST 1  
 TWP: 21 S - Range: 35 E - Sec. 32

North South

Resistivity
Porosity
Resistivity
Porosity
Resistivity
Porosity



**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit B-5**

TD=13075.00  
 Comp Date=12/26/2006

TD=13250.00  
 Comp Date=8/9/1982

TD=13296.00  
 Comp Date=8/19/1981

A

A'

300253645800  
SAMSUN RESOURCES CO  
RAWHIDE 29 STATE 1  
TWP: 21 S - Range: 35 E - Sec. 29

2889 ft

300252774600  
PHILLIPS PETRLM CO  
SN SMON '32-B' STT CM 1  
TWP: 21 S - Range: 35 E - Sec. 32

2641 ft

300252730600  
PHILLIPS PETRLM CO  
SAN SIMON '32-A' ST 1  
TWP: 21 S - Range: 35 E - Sec. 32

North

South

Resistivity

Porosity

Resistivity

Porosity

Resistivity

Porosity

2nd Bone Spring Sand

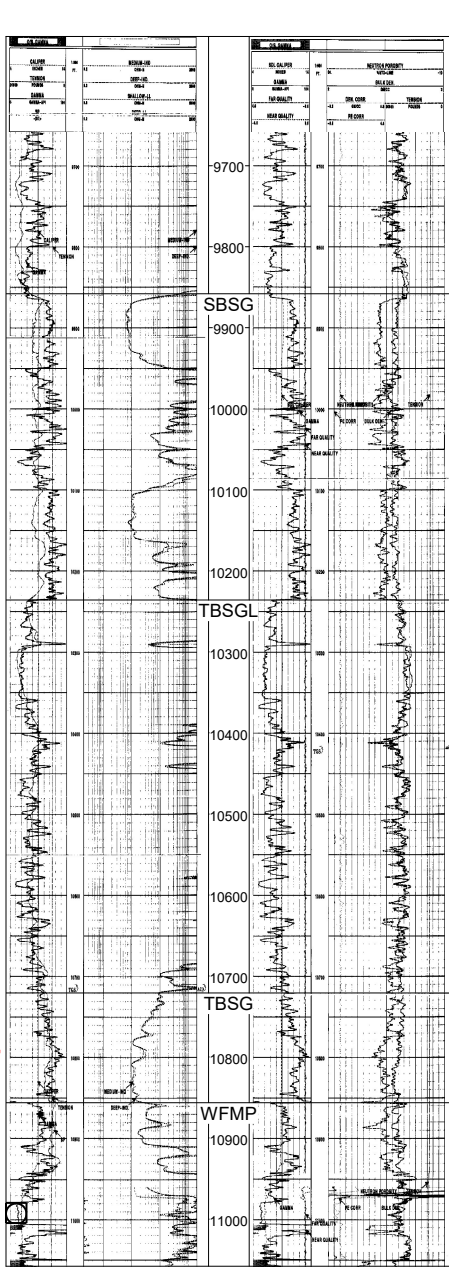
Target Zone ~10,125'

3rd Bone Spring Lime

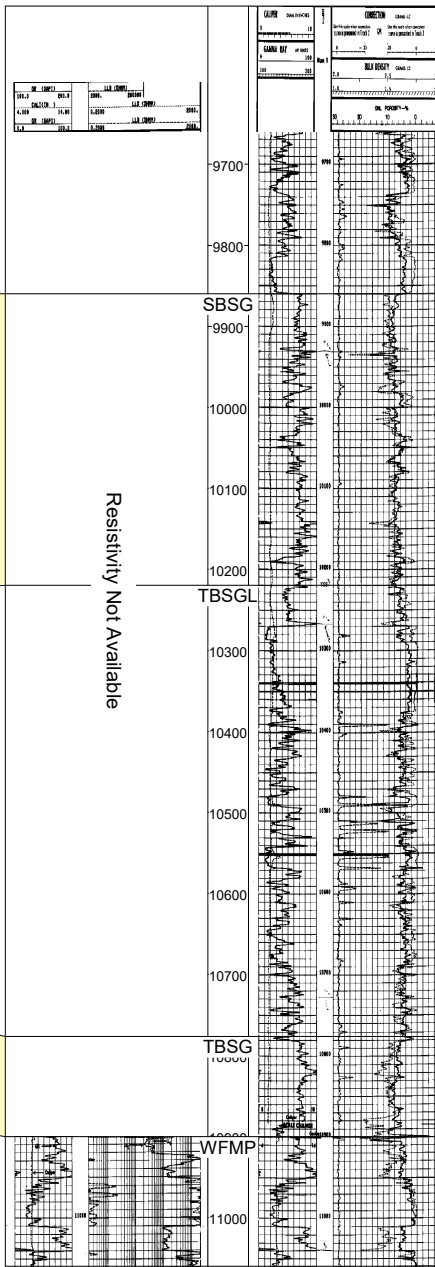
3rd Bone Spring Sand

Target Zone ~10,800'

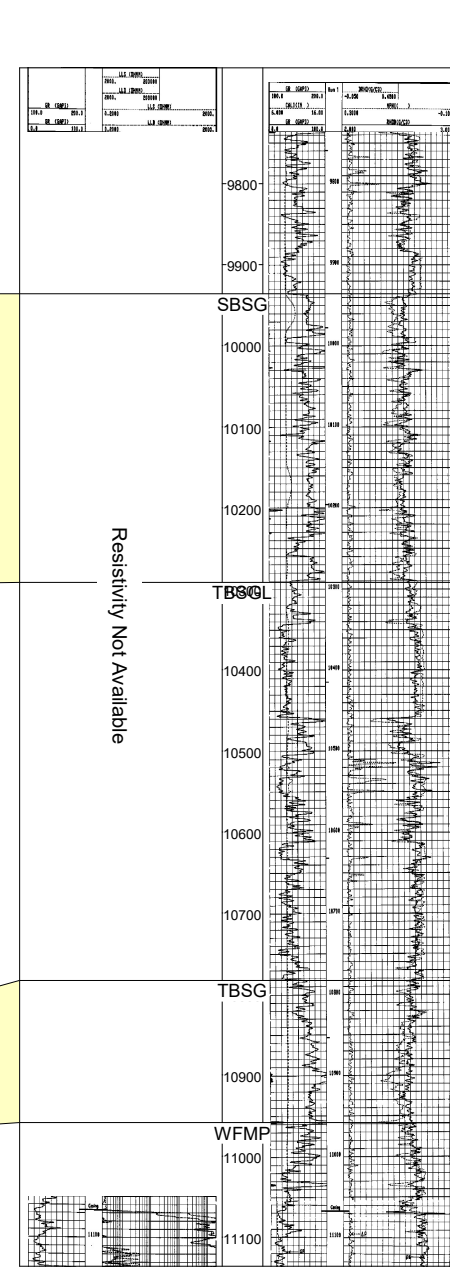
Wolfcamp



TD=13075.00  
Comp Date=12/26/2006



TD=13250.00  
Comp Date=8/9/1982



TD=13296.00  
Comp Date=8/19/1981

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

**APPLICATIONS OF V-F PETROLEUM, INC.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**

**CASE NO. 23103**

**SELF-AFFIRMED STATEMENT OF  
DANA S. HARDY**

1. I am attorney in fact and authorized representative of V-F Petroleum, Inc., the Applicant herein.

2. I am familiar with the Notice Letter attached as **Exhibit C-1** and caused the Notice Letter to be sent to the parties set out in the chart attached as **Exhibit C-2**.

3. The above-referenced Application was provided, along with the Notice Letters, to the recipients listed in Exhibit C-2. Exhibit C-2 also provides the date each Notice Letter was sent and the date each return was received.

4. Copies of the certified mail green cards and white slips are attached as **Exhibit C-3** as supporting documentation for proof of mailing and the information provided on Exhibit C-2.

5. On October 19, 2022, I caused a notice to be published to all interested parties in the Hobbs News Sun. An Affidavit of Publication from the Legal Clerk of the Hobbs News Sun, along with a copy of the notice publication, is attached as **Exhibit C-4**.

6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

/s/ Dana S. Hardy  
Dana S. Hardy

October 28, 2022  
Date

**V-F Petroleum, Inc.  
Case No. 23103  
Exhibit C**



hinklelawfirm.com

# HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:  
Dana S. Hardy, Partner  
dhardy@hinklelawfirm.com

October 7, 2022

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**TO ALL PARTIES ENTITLED TO NOTICE**

**Re: Case Nos. 23102, 23103, and 23104 - Applications of V-F Petroleum, Inc., for Compulsory Pooling, Lea County, New Mexico.**

To whom it may concern:

This letter is to advise you that the enclosed applications were filed with the New Mexico Oil Conservation Division. The hearing will be conducted on **November 3, 2022** beginning at 8:15 a.m.

Hearings are currently conducted remotely. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>. You 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.

Pursuant to Division Rule 19.15.4.13.B, a party who intends to present evidence at the hearing shall file a pre-hearing statement and serve copies on other parties, or the attorneys of parties who are represented by counsel, at least four business days in advance of a scheduled hearing, but in no event later than 5:00 p.m. Mountain Time, on the Thursday preceding the scheduled hearing date. The statement must be submitted through the OCD E-Permitting system (<https://wwwapps.emnrd.state.nm.us/ocd/ocdpermitting/>) or via e-mail to [ocd.hearings@state.nm.us](mailto:ocd.hearings@state.nm.us) 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.

Please contact Ryan Curry, Landman for V-F Petroleum Inc., by phone at (432) 683-3344 if you have any questions.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit C-1**

Enclosure

PO BOX 10  
ROSWELL, NEW MEXICO 88202  
(575) 622-6510  
FAX (575) 623-9332

7601 JEFFERSON ST NE · SUITE 180  
ALBUQUERQUE, NEW MEXICO 87109  
505-858-8320  
(FAX) 505-858-8321

PO BOX 2068  
SANTA FE, NEW MEXICO 87504  
(505) 982-4554  
FAX (505) 982-8623





hinklelawfirm.com

# HINKLE SHANOR LLP

ATTORNEYS AT LAW

P.O. BOX 2068

SANTA FE, NEW MEXICO 87504

505-982-4554 (FAX) 505-982-8623

WRITER:  
Dana S. Hardy, Partner  
dhardy@hinklelawfirm.com

October 11, 2022

**VIA CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

**TO ALL PARTIES ENTITLED TO NOTICE**

**Re: Case Nos. 23102, 23103, and 23104 - Applications of V-F Petroleum, Inc., for Compulsory Pooling, Lea County, New Mexico.**

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Please contact Ryan Curry, Landman for V-F Petroleum Inc., by phone at (432) 683-3344 if you have any questions.

Sincerely,

/s/ Dana S. Hardy

Dana S. Hardy

Enclosure

PO BOX 10  
ROSWELL, NEW MEXICO 88202  
(575) 622-6510  
FAX (575) 623-9332

7601 JEFFERSON ST NE · SUITE 180  
ALBUQUERQUE, NEW MEXICO 87109  
505-858-8320  
(FAX) 505-858-8321

PO BOX 2068  
SANTA FE, NEW MEXICO 87504  
(505) 982-4554  
FAX (505) 982-8623



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

**APPLICATION OF V-F PETROLEUM, INC.  
FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO**

**CASE NOS. 23102-23104**

**NOTICE LETTER CHART**

<b>PARTY</b>	<b>NOTICE LETTER SENT</b>	<b>RETURN RECEIVED</b>
Apache Corporation 2000 Post Oak Blvd, Suite 100 Houston, TX 77056	10/07/22	10/14/22  No Signature.
COG Operating LLC 600 W. Illinois Ave. Midland, TX 79705	10/07/22	Per USPS Tracking (Last checked 10/28/22):  10/12/22 - Picked up by individual at postal facility.
ConocoPhillips Company 600 W. Illinois Ave. Midland, TX 79705	10/07/22	Per USPS Tracking (Last checked 10/28/22):  10/12/22 - Picked up by individual at postal facility.
Estate of Patricia Doyle Finseth PO Box 7453 Fort Lauderdale, FL 33338	10/07/22	Per USPS Tracking (Last checked 10/28/22):  10/21/22 - Picked up by individual at postal facility.
Michael Christopher Finseth PO Box 7453 Fort Lauderdale, FL 33338	10/07/22	Per USPS Tracking (Last checked 10/28/22):  10/21/22 - Picked up by individual at postal facility.
Legacy Reserves Operating, LP 15 Smith Road, Suite 3000 Midland, TX 79705	10/07/22	10/13/22
The Ninety-Six Corporation 500 W. Texas Ave, Suite 655 Midland, TX 79701	10/07/22	10/13/22
Rutter & Wilbanks P.O. Box 3186 Midland, TX 79702	10/11/2022	10/27/22

**V-F Petroleum, Inc.  
Case No. 23103  
Exhibit C-2**

**U.S. Postal Service™**  
**CERTIFIED MAIL® RECEIPT**  
*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

7020 0090 0000 0867 3820

Certified Mail Fee \$

Extra Services & Fees (check box, add fees appropriate)

Return Receipt (hardcopy) \$

Return Receipt (electronic) \$

Certified Mail Restricted Delivery \$

Adult Signature Required \$

Adult Signature Restricted Delivery \$

Postage \$

**Total Postage and Fees** \$

Postmark Here **OCT 07 2022**

87501-9998

Apache Corporation  
 2000 Post Oak Blvd, Suite 100  
 Houston, TX 77056  
 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

**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:

Apache Corporation  
 2000 Post Oak Blvd, Suite 100  
 Houston, TX 77056  
 23102-23104 V-F Petroleum Cache River

9590 9402 7543 2098 9504 31

2. Article Number (Transfer from service label)  
 7020 0090 0000 0867 3820

PS Form 3811, July 2020 PSN 7530-02-000-9053

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  Agent  
 Addressee

B. Received by (Printed Name) C. Date of Delivery  
 11/1/22

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

**RECEIVED**  
 OCT 14 2022

3. Service Type Hinkle Shanor  Priority Mail Express®  
 Adult Signature Santa Fe, NM 87501  Registered Mail™  
 Adult Signature Restricted Delivery  Registered Mail Restricted Delivery  
 Certified Mail®  Signature Confirmation™  
 Certified Mail Restricted Delivery  Signature Confirmation Restricted Delivery  
 Collect on Delivery  
 Collect on Delivery Restricted Delivery  
 Insured Mail  
 Insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

V-F Petroleum, Inc.  
Case No. 23103  
Exhibit C-3



7020 0090 0000 0867 3769

**U.S. Postal Service™**  
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*Domestic Mail Only*

For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL U.S. POST OFFICE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

**Total Postage and Fees** \$ \_\_\_\_\_


Postmark Here: **OCT 07 2022**

87501-9998

Se Legacy Reserves Operating, LP  
 St 15 Smith Road, Suite 3000  
 Midland, TX 79705

Cl 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><i>[Signature]</i></p> <p>B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery</p> <p><i>Theresa Forrester</i> <i>10-11-22</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes          If YES, enter delivery address below: <input type="checkbox"/> No</p> <p><b>RECEIVED</b>  <b>OCT 13 2022</b></p>
<p>1. Article Addressed to:</p> <p>Legacy Reserves Operating, LP          15 Smith Road, Suite 3000          Midland, TX 79705</p> <p>23102-23104 V-F Petroleum Cache River</p>  <p>9590 9402 7543 2098 9503 18</p>	<p>3. Service Type <i>Santa Fe NM 87501</i></p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>
<p>2. Article Number (Transfer from service label)</p> <p>7020 0090 0000 0867 3769</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053	Domestic Return Receipt

7020 0090 0000 0867 3752

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For delivery information, visit our website at [www.usps.com](http://www.usps.com)®.

**OFFICIAL USE**

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To  
 The Ninety-Six Corporation  
 500 W. Texas Ave, Suite 655  
 Midland, TX 79701  
 23102-23104 V-F Petroleum Cache River

Postmark Here  
 OCT 07 2022

87501-9998

PS Form 3800, April 2015 PSN 7530-02-000-8047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> <i>[Signature]</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)  <i>[Signature]</i></p> <p>C. Date of Delivery  <i>[Signature]</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input type="checkbox"/> No        If YES, enter delivery address below:</p>
<p>1. Article Addressed to:</p> <p>The Ninety-Six Corporation          500 W. Texas Ave, Suite 655          Midland, TX 79701</p> <p>23102-23104 V-F Petroleum Cache River</p>	<p><b>RECEIVED</b>          OCT 13 2022</p>
<p>2. Article Number (Transfer from service label)          7020 0090 0000 0867 3752</p>	<p>3. Service Type <i>Hinkle Shanor LLP</i></p> <p><input type="checkbox"/> Adult Signature <input type="checkbox"/> Priority Mail Express®</p> <p><input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail™</p> <p><input type="checkbox"/> Certified Mail® <input type="checkbox"/> Registered Mail Restricted Delivery</p> <p><input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation™</p> <p><input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery</p> <p><input type="checkbox"/> Collect on Delivery Restricted Delivery</p> <p><input type="checkbox"/> Insured Mail</p> <p><input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p>

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



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7020 0090 0000 0867 3660

Certified Mail Fee \$ \_\_\_\_\_

Extra Services & Fees (check box, add fee as appropriate)

Return Receipt (hardcopy) \$ \_\_\_\_\_

Return Receipt (electronic) \$ \_\_\_\_\_

Certified Mail Restricted Delivery \$ \_\_\_\_\_

Adult Signature Required \$ \_\_\_\_\_

Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

Sent To

Rutter & Wilbanks  
 P.O. Box 3186  
 Midland, TX 79702

23102-23104 V-F Petroleum Cache River

Postmark Here  
 OCT 11 2022  
 CORONADO STATION  
 SANTA FE NM 87505

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature  <input checked="" type="checkbox"/> Agent  <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name)        Hilary Gussos</p> <p>C. Date of Delivery        OCT 27 2022</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes        If YES, enter delivery address below: <input type="checkbox"/> No</p> <p><b>RECEIVED</b>        OCT 27 2022</p>
<p>1. Article Addressed to:</p> <p>Rutter &amp; Wilbanks          P.O. Box 3186          Midland, TX 79702</p> <p>23102-23104 V-F Petroleum Cache River</p> <p>9590 9402 7543 2098 9505 47</p>	<p>3. Service Type          Thinkie Chanol LLP          Santa Fe NM 87505</p> <p><input type="checkbox"/> Adult Signature  <input type="checkbox"/> Adult Signature Restricted Delivery  <input type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery  <input type="checkbox"/> Collect on Delivery Restricted Delivery  <input type="checkbox"/> Insured Mail  <input type="checkbox"/> Insured Mail Restricted Delivery (over \$500)</p> <p><input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>
<p>2. Article Number (Transfer from service label)</p> <p>7020 0090 0000 0867 3660</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053</p>	<p>Domestic Return Receipt</p>

7020 0090 0000 0867 3837

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Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage  
\$

**Total Postage and Fees**  
\$

Sent To  
 COG Operating LLC  
 600 W. Illinois Ave.  
 Midland, TX 79705  
 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7020 0090 0000 0867 3783

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Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage  
\$

**Total Postage and Fees**  
\$

Sent To  
 Estate of Patricia Doyle Finseth  
 PO Box 7453  
 Fort Lauderdale, FL 33338  
 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7020 0090 0000 0867 3646

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Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage  
\$

**Total Postage and Fees**  
\$

Sent To  
 Michael Christopher Finseth  
 PO Box 7453  
 Fort Lauderdale, FL 33338  
 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions



7020 0090 0000 0867 3776

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**OFFICIAL USE**

Certified Mail Fee  
\$

Extra Services & Fees (check box, add fee as appropriate)

<input type="checkbox"/> Return Receipt (hardcopy)	\$
<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$

Postage  
\$

**Total Postage and Fees**  
\$

Sent To  
 ConocoPhillips Company  
 600 W. Illinois Ave.  
 Midland, TX 79705  
 23102-23104 V-F Petroleum Cache River

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions





# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

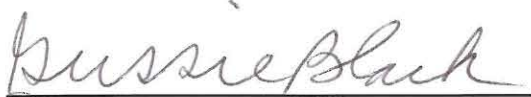
I, Blake Ovard, Editor of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

Beginning with the issue dated  
October 19, 2022  
and ending with the issue dated  
October 19, 2022.



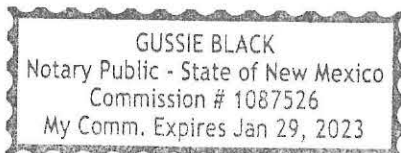
Editor

Sworn and subscribed to before me this  
19th day of October 2022.

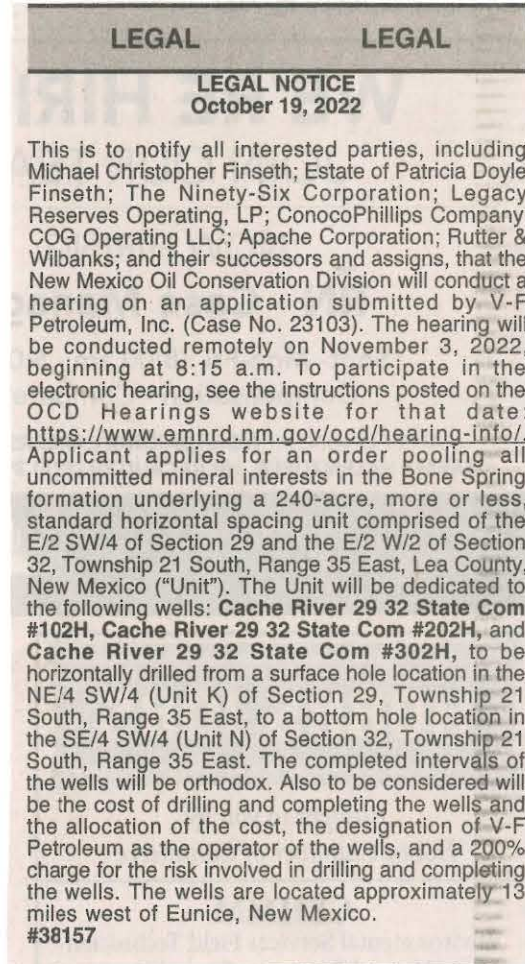


Business Manager

My commission expires  
January 29, 2023  
(Seal)



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



02107475

00272159

GILBERT  
HINKLE, SHANOR LLP  
PO BOX 2068  
SANTA FE, NM 87504

**V-F Petroleum, Inc.**  
**Case No. 23103**  
**Exhibit C-4**