#### 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

Case No.:	23103
Hearing Date:	11/3/2022
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
Formation/Pool	
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
Spacing Unit	
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 2:
	South, Range 35 East, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
Other Situations	
Depth Severance: Y/N. If yes, description	N/A
Proximity Tracts: If yes, description	N/A
Proximity Defining Well: if yes, description	No
Well(s)	
Name & API (if assigned), surface and bottom hole location,	Add wells as needed
footages, completion target, orientation, completion status	Add wells as needed
(standard or non-standard)	
Well #1	Cache River 29 32 State Com #102H (API # pending)
weii #1	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)
M-II #2	
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
AFE Capex and Operating Costs	
Drilling Supervision/Month \$	\$8,000.00
Production Supervision/Month \$	\$800.00
Justification for Supervision Costs	Exhibit A
Requested Risk Charge	200%
Notice of Hearing	
alogosed and the second state of the second st	Exhibit A-2

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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
Ownership Determination	
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
Joinder	
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
Geology	
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
Forms, Figures and Tables	
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
Additional Information	
CERTIFICATION: I hereby certify that the information	
provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	Dana S. Hardy
Signed Name (Attorney or Party Representative):	/s/ Dana S. Hardy
Date:	10/28/2022
Putt.	10/20/2022

#### 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.

V-F Petroleum requests overhead and administrative rates of \$8,000.00 per month 12. 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.

The attached exhibits were either prepared by me or under my supervision or were 13. 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.

<u>Payon B Curry</u> Ryan Curry

<u>10/24/22</u> Date

# **Ryan Curry**

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

### **Work Experience**

Landman	
V-F Petroleum, Inc.	August 2022-Present
Midland, TX	
<ul> <li>Facilitated horizontal development plans from a micromplex areas</li> </ul>	neral, surface and regulatory land perspective in

- 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

- 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

- 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

# 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

<u>/s/ Dana S. Hardy</u> 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 **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.

Exhibit A-3 1625 N. French Dr., Hobbs, NM 88240 Phone (575) 393-6161 Fax: (575) 393-0720 State of New Mexico Revised August 4, 2011 Energy, Minerals and Natural Resources Department DISTRICT II Submit one copy to appropriate 811 S. First St., Artesia, NM 88210 Phone (575) 748-1283 Fax: (575) 748-9720 **District Office** OIL CONSERVATION DIVISION DISTRICT III 1220 South St. Francis Dr. 1000 Rio Brazos Rd., Aztec, NM 87410 Phone (505) 334-6178 Fax: (505) 334-6170 Santa Fe, New Mexico 87505 DISTRICT IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone (505) 476-3460 Fax: (505) 476-3462 □ AMENDED REPORT WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code API Number Pool Name 98136 WC-025 G-07 S223505N;Bone Spring **Property** Code **Property** Name Well Number CACHE RIVER 29 32 STATE COM 102H OGRID No. **Operator** Name Elevation 3657' VF PETROLEUM INC Surface Location UL or lot No. Section Lot Idn Feet from the SOUTH/South line East/West line Township Range Feet from the County 21 S Κ 29 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 35 E SOUTH 1980 WEST Ν 32 21 S 100 LEA Joint or Infill **Dedicated Acres Consolidation** Code Order No. 240.00NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION N531388.9 E835040.6 N531345.9 E829761.3 (NAD 83) (NAD 83) E832400.3 OPERATOR CERTIFICATION (NAD 83) 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 SURFACE LOCATION ulterest or ultimated mittered witerest 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. Lat – N 32.449722\* Long – W 103.391831\* NMSPCE- N 528620.1 E 831764.2 (NAD-83) the division 528748 9 1980' E835065.4 KOP (NAD 83) KICK OFF POINT 2450' FSL & 1980' FWL Signature Date Lat - N 32.449474° Long - W 103.391831° NMSPCE- N 528530.1 E 831765.0 Printed Name (NAD-83) Email Address SURVEYOR CERTIFICATION N526063.9 N526106.9 E835090.2 E829805.6 N526085 ( (NAD 83) I hereby certify that the well location shown E832448.7 (NAD 83) (NAD 83) on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and of my belief. correct to the best SEPTEMBER 2702022 MEXIC veyed Date Su & Sett Signat JI onal Su N523466.1 Profe veyor F835112.3 (NAD 83) LAST TAKE POINT, Certificate 7977 PROPOSED BOTTOM HOLE BASIN SUPVI Lat – N 32.428487\* Long – W 103.391829\* NMSPCE- N 520894.8 E 831832.9 0' \_\_\_\_\_ 8 500' 1000 1500' 2000 N520802.8 (NAD-83) SCALE: 1" = 1000 E832494.8 N520770.8 1980 RН (NAD 83) E829853.9 WO Num.: 35874 (NAD 83)

V-F Petroleum, Inc.

**Case No. 23103** 

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Form C-102

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DISTRICT I

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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 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

API	API Number			Pool Code 98136			WC-025 G-07 S223505N;Bone Spring				
Property	Code										
OGRID N	0.			VF	Opera PETR	ator Nam OLEUN			Eleva 365		
					Surfac	ce Loca	ation				
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	om the	SOUTH/South line	Feet from the	East/West line	County	
К	29	21 S	35 E		25	540	SOUTH	1980	WEST	LEA	
Bottom Hole Location If Different From Surface											
UL or lot No.	Section	Township	Range	Lot Idn	Feet fro	m the	SOUTH/South line	Feet from the	East/West line	County	
N	32	21 S	35 E		10	0	SOUTH	1980	WEST	LEA	
Dedicated Acres	s Joint of	r Infill Co	nsolidation	Code Ore	der No.						
NO ALLO	N531345.9	ORAN				BEEN	UNTIL ALL INTER APPROVED BY 7 N531388.9 E835040.6		EEN CONSOLIDA	ATED	
<u>SURFACE LO(</u> Lat - N 32.4 Long - W 103.3 NMSPCE- N 528 (NAD-83) KICK OFF P( <u>2450' FSL &amp; 1</u> Lat - N 32.4 Long - W 103.5 NMSPCE- N 52 E 83 (NAD-83)	449722* 391831* B620.1 1764.2 9 <u>80' FWL</u> 449474* 391831* 8530.1 1765.0	 	N5313: E8324( (NAD (NAD ) 	)0.3' 			(NAD 83) N528748.9 E835065.4 (NAD 83)	I hereby ce contained here: the best of my this organizatio interest or unL. land including location or has this location pu owner of such or to a volunta compulsory pool the division. Signature Printed Nam Email Addres		nation lete to , and that tring ti in the hole well at with an interest, or a entered by Date	
	N526063.3 E829805.6 (NAD 83)			N526085.6 E832448.7 (NAD 83)			N526106.9 E835090.2 (NAD 83)	I hereby certify on this plat w actual surveys supervison, an correct to th	that the well locat as plotted from field made by me or d that the same is e best of my belie HELR 270,202 MEL Sand OI	ion shown l notes of under my true and	
LAST TAKE P <u>PROPOSED BOTT</u> Lat - N 32.4 Long - W 103.3 NMSPCE-N 520 E 831 (NAD-83)	<u>OM HOLE</u> 128487* 391829* 0894.8 1832.9	9 19		32			N523466.1 E835112.3 (NAD 83)	Certificate B 0' 500' SC	Cary L. John Cary L. John 1000' 1500'	7977 2000'N	

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Phone (505) 334-6178 Par: (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 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

□ AMENDED REPORT

	Numbor			Pool Code		HUL DEDICATI	Pool Name				
	API Number			98136		WC-025 G-0		N;Bone Spri	ng		
Property C	-		Property Code		Property Name CACHE RIVER 29 32 STATE COM					Well Nu 30	umber 2H
OGRID No	•			VF	Operator Nar PETROLEU			Eleva 365			
					Surface Loc						
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	SOUTH/South line	Feet from the	East/West line	County		
К	29	21 S	35 E		2540	SOUTH	1980	WEST	LEA		
			Bottom	Hole Loc	ation If Diff	erent From Sur	face				
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 240.00	Joint or	· Infill Co	onsolidation	Code Ore	der No.						
NO ALLO	WABLE W					UNTIL ALL INTER APPROVED BY		EEN CONSOLIDA	ATED		
<u>SURFACE LOC</u> Lat - N 32.4. Long - W 103.31 NMSPCE- N 528 (NAD-83) KICK OFF PO 2450' FSL & 11 Lat - N 32.4 Long - W 103.3 NMSPCE- E 831 (NAD-83)	49722* 91831* 620.1 764.2 980' FWL 49474* 991831* 1530.1 765.0	 	N5313 EB324( (NAD )	<sup>00.3</sup>   		N528748.9 E835040.6 (NAD 83) N528748.9 E835065.4 (NAD 83) N526106.9 E835090.2 (NAD 83)	I hereby ce contained here the best of my this organizatic interest or unL land including location or has this location pr owner of such or to a volunta compulsory poo the division. Signature Printed Nam Email Addree SURVEY( I hereby certify on this plat w actual surveys supervison, an correct to th	The provided and the set of the s	ration lete to , and that ring t in the bale well at with an interest, or a entered by Date Date		
LAST TAKE PC <u>PROPOSED BOTTC</u> Lat – N 32.42 Long – W 103.31 NMSPCE– N 520 (NAD–83)	<u>DM HOLE</u> 28487 <b>°</b> 91829°	9 19	    			N523466.1 • E835112.3 (NAD 83)		Surveyor Gary L. Janes Asin Survey 1000' 1500'	7977 2000'l		

# 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 Devisees of Patricia Doyle Finseth	1.000000%
Legacy Reserves Operating, LP	3.000000%
The Ninety-Six Corporation	3.00000%
Total	100.00000%
Tract 2: Section 32: E/2NW/4 (80.00 Acres more or less)	
Apache Corporation	100.000000%
Tract 3: Section 32: E/2SW/4 (80.00 Acres more or less)	
ConocoPhillips Company	100.000000%
conocor minps company	100.000000/0
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%
Rutter & Wilbanks	0.180000%
Michael Christopher Finseth	0.833333%
Heirs or Devisees of Patricia Doyle Finseth	0.333333%
The Ninety-Six Corporation	1.000000%
Legacy Reserves Operating, LP	1.000000%
ConocoPhillips Company	33.333333%
Apache Corporation	33.333333%
Total	100.00000%
Total Committed to Unit	63.320000%
Total Seeking to Pool	36.680000%
Parties We Seek to Pool	



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@vfpetroleum.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.

Best Regards,

Regan B Cerry

Ryan Curry Landman

Enclosures

Elections set forth on the following pages

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# **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</b> .	Petro		API No.				
					PENDITURE		AFE Number		
x	Original	Date I Supplemer	Prepared / Re	evised: Aug	gust 31,2022 Revision		Re-Entry	Well Type Projected TD:	First BS Sand Horizontal Oil Well 1.5 Mile MD 17,240'
X	Drill Well	Workover	ıı		Facilities		Plug & Abandon	Proposal	New Drill 9,320' TVD
Lease Name/V		County / S	tate	Formation	ruennies	Basin	Field or Prospect	SHL: Unit Letter Kof Se	
	29 32 State Com #102		NM	1st Bone S	Spring	Permian	Rawhide (San Simon)	BHL: Unit Letter N of S	
Acct		INT ANG	BIBLE DESC	DIDTION			COST BEFORE	COMPLETION	TOTAL
Code		INTAIN	JIBLE DESC	KII HON			CASING POINT	COST	WELL COST
501	PERMITS & ENVIR	OMENTAL SERV	ICES				\$10,000	\$10,000	\$20,000
516	TITLE OPINION, C		LING				\$25,000		\$25,000
501	SURVEYING STAK						\$5,000		\$5,000
501	DAMAGES & R-O-						\$25,000		\$25,000
502/711	ROADS, LOCATIO						\$100,000	\$10,000	\$110,000
503 503	DRILLING RIG MC DRILLING RIG - D			days @	\$25,000		\$250,000 \$675,000		\$250,000 \$675,000
503	RIG HOUSING	415		days @ days @	\$1,800		\$54,000		\$54,000
503	STEERING		50	days @ days @	\$1,000		\$51,000		\$51,000
503	MUD MOTORS & I	DIRECTIONAL		, .			\$165,000		\$165,000
517	CLOSED LOOP & I		27	days @	\$4,000		\$108,000		\$108,000
505	MUD & FRAC CHE	MICALS					\$156,000	\$60,000	\$216,000
505/716	WATER (Brine & Fi	resh); FRAC WAT	ER				\$40,000	\$465,000	\$505,000
503	BITS, REAMERS, E	TC.					\$125,000		\$125,000
503	FUEL		60750	gallons @	\$5		\$303,750		\$303,750
504	CEMENTING SURF	FACE					\$35,500		\$35,500
504	CEMENTING INTE						\$70,000		\$70,000
701	CEMENTING PROI							\$120,000	\$120,000
509/705	TUBULAR SERVIC		www				\$20,000	\$30,000	\$50,000
509/705	CASING CREWS / I			U TOOL ?			\$20,000	\$25,000	\$45,000
513/708	FLOAT EQUIPMEN			V TOOLS			\$12,000	\$35,000	\$47,000
507 508	TESTING; COMPLI OPEN HOLE LOGG		-A					\$110,000	\$110,000
508 508	MUD LOGGING	ind	18	days @	\$2,000		\$36,000		\$36,000
509/705	WELDING, HOUR	VLABOR SAFE		uays @	\$2,000		\$65,000		\$30,000
509/713	EQUIPMENT RENT						\$52,000	\$135,000	\$187,000
509/714	TRUCKING, TRAN		RKLIFT				\$22,000		\$22,000
715	COMPLETION UNI							\$310,000	\$310,000
704	FORMATION STIM	ULATION (45 ST	AGES)					\$2,000,000	\$2,000,000
702/03	CASED HOLE LOG	GING, PERFORA	ΓING & FRA	C PLUGS				\$195,000	\$195,000
510/11/706	GEOLOGIC / ENGI	NEERING					\$30,000	\$55,000	\$85,000
509/705	CONTRACT CONS	ULTANTS	27	days @	\$3,000		\$81,000	\$52,000	\$133,000
514	DRILLING WELL F	ATE (A/O)	27	days @	\$200		\$5,400	\$5,000	\$10,400
515/705	INSURANCE								\$50,000
							\$35,000	\$15,000	
513/708	MISCELLANEOUS	20/2					\$30,000	\$181,000	\$211,000
509/705	CONTINGENCY (1						\$30,000 \$252,000	\$181,000 \$380,000	\$211,000 \$632,000
509/705 TOTAL INT		TED COST					\$30,000 \$252,000 \$2,807,650	\$181,000 \$380,000 \$4,193,000	\$211,000 \$632,000 \$7,000,650
509/705	CONTINGENCY (1	TED COST	BLE DESCR	IPTION			\$30,000 \$252,000	\$181,000 \$380,000	\$211,000 \$632,000
509/705 TOTAL INT Acct	CONTINGENCY (1	TED COST	BLE DESCR Grade	IPTION Size	Weight	Price/Ft.	\$30,000 \$252,000 \$2,807,650 COST BEFORE	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL
509/705 TOTAL INT Acct Code	CONTINGENCY (1	TED COST TANG			Weight	Price/Ft. \$365.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL
509/705 TOTAL INT Acct Code 620/820	CONTINGENCY (1)	TED COST TANG	Grade	Size	Weight 54.5		\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST
509/705 TOTAL INT Acct Code 620/820 620/820	CONTINGENCY (1) TANGIBLE ESTIMA CONDUCTOR	TED COST TANG Length 120'	Grade K-55	Size 20		\$365.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800
509/705 TOTAL INT Acct Code 620/820 620/820 620/820	CONTINGENCY (1) TANGIBLE ESTIMA CONDUCTOR SURFACE	TED COST TANG Length 120' 1,800'	Grade K-55 K-55	Size 20 13 3/8"	54.5	\$365.00 \$105.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820	CONTINGENCY (1) TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE	TED COST TANG Length 120' 1,800'	Grade K-55 K-55	Size 20 13 3/8"	54.5	\$365.00 \$105.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000	\$181,000 \$380,000 \$4,193,000 COMPLETION	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN	TED COST TANG 120' 1,800' 5,400' 17,260' ER	Grade K-55 K-55 J55 & 180 P110	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$638,620
509/705           TOTAL INT           Acct           Code           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           620/820           820           820           821	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated)	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000'	Grade K-55 K-55 J55 & 180	Size 20 13 3/8" 9 5/8"	54.5 40	\$365.00 \$105.00 \$63.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$638,620 \$144,000
509/705           TOTAL INT           Acct           Code           620/820           620/820           620/820           620/820           620/820           620/820           620/820           820           820           821           621/824	CONTINGENCY (I TANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT	Grade K-55 K-55 J55 & 180 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$638,620 \$144,000 \$144,000
509/705           TOTAL INT           Acct           Code           620/820           620/820           620/820           620/820           620/820           620/820           820           820           821           621/824           825	CONTINGENCY (I ANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION LIN TUBING (Coated) WELLHEAD EQUII PRODUCTION FAC	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT	Grade K-55 K-55 J55 & 180 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$185,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$144,000 \$144,000 \$144,000 \$185,000
509/705 TOTAL INT Acet Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUII PRODUCTION FAC POWER SOURCE	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU	Grade K-55 K-55 J55 & 180 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$344,200 \$144,000 \$144,000 \$185,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 825 822	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU (FG & STEEL)	Grade K-55 K-55 J55 & 180 P110 L-80 RE	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$185,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$638,620 \$144,000 \$144,000
509/705 TOTAL INT Acet Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUII PRODUCTION FAC POWER SOURCE	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU (FG & STEEL) P, DOWNHOLE F	Grade K-55 K-55 J55 & 180 P110 L-80 RE	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$185,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$144,000 \$144,000 \$144,000 \$185,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 825 825 822 823	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUII PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES	TED COST TANG Length 120' 1,800' 5,400' 5,400' 17,260' ER 9,000' PMENT TILITY ENCLOSU (FG & STEEL) P, DOWNHOLE F 8, SEPERATOR, F	Grade K-55 K-55 J55 & 180 P110 L-80 RE	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$185,000 \$63,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$144,000 \$144,000 \$144,000 \$185,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 825 822 823 827	CONTINGENCY (I TANGIBLE ESTIMAT CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUII PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF	TED COST TANG Length 120' 1,800' 5,400' 17,260' ER 9,000' PMENT TILITY ENCLOSU (FG & STEEL) P, DOWNHOLE F &, SEPERATOR, F & METER RUN	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$185,000 \$63,000 \$125,000	\$211,000 \$632,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$185,000 \$185,000 \$63,000
509/705 TOTAL INT Acet Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 825 825 825 822 823 827 831	CONTINGENCY (I TANGIBLE ESTIMAT SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUIL PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE &	TED COST TANG Length 120' 1,800' 5,400' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU (FG & STEEL) P, DOWNHOLE F & SEPERATOR, F & METER RUN VES, CONNECTIO	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$185,000 \$125,000 \$125,000	\$211,000 \$632,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$144,000 \$144,000 \$185,000 \$185,000 \$15,000 \$15,000 \$125,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 825 825 822 823 827 831 830	CONTINGENCY (I TANGIBLE ESTIMAT SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUIL PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL	TED COST TANG Length 120' 1,800' 5,400' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU (FG & STEEL) P, DOWNHOLE F & SEPERATOR, F & METER RUN VES, CONNECTIO	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000	\$211,000 \$632,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$144,000 \$144,000 \$185,000 \$185,000 \$15,000 \$15,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 821 621/824 825 825 825 822 823 827 831 830 827	CONTINGENCY (I TANGIBLE ESTIMAT SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUIL PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATER GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A	TED COST TANG Length 120' 1,800' 5,400' 5,400' 17,260' ER 9,000' PMENT TLITY ENCLOSU (FG & STEEL) SP, DOWNHOLE F & SEPERATOR, F & METER RUN VES, CONNECTION ND PRODUCTION	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$28,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000 \$175,000	\$111,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$185,000 \$144,000 \$144,000 \$185,000 \$15,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 822 823 827 831 830 827 831 830 827 830 622/820 TOTAL TAL	CONTINGENCY (I TANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATER GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (I'	TED COST TANG Length 120' 1,800' 5,400' 7,260' ER 9,000' PMENT CILITY ENCLOSU (FG & STEEL) SP, DOWNHOLE F 8, SEPERATOR, F & METER RUN VES, CONNECTION ND PRODUCTION 20%) D COST	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N)	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,000 \$63,000 \$63,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$185,000 \$125,000 \$125,000 \$125,000 \$175,000 \$74,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$185,000 \$144,000 \$185,000 \$185,000 \$15,000 \$115,000\$100\$100\$100\$100\$100\$100
509/705           TOTAL INT           Acct           Code           620/820           620/820           620/820           620/820           620/820           620/820           820           820           821           621/824           825           822           823           827           830           827           830           622/820           TOTAL TAI           941-945	CONTINGENCY (I TANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (I NGIBLE ESTIMATE P&A Costs, Rig, Cm	TED COST TANG Length 120' 1,800' 5,400' 7,260' ER 9,000' PMENT CILITY ENCLOSU (FG & STEEL) SP, DOWNHOLE F 8, SEPERATOR, F & METER RUN VES, CONNECTION ND PRODUCTION 20%) D COST	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N)	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,000 \$694,000 \$50,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$175,000 \$74,000 \$156,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$185,000 \$144,000 \$185,000 \$185,000 \$15,000 \$115,000\$100\$100\$100\$100\$100\$100
509/705           TOTAL INT           Acct           Code           620/820           620/820           620/820           620/820           620/820           620/820           820           820           821           621/824           825           822           823           827           830           622/820           TOTAL TAI           941-945           ESTIMATE	CONTINGENCY (I TANGIBLE ESTIMAT SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (I NGIBLE ESTIMATE P&A Costs, Rig, Cm D DRY HOLE COST	TED COST TANG Length 120' 1,800' 5,400' 5,400' 7,260' ER 9,000' PMENT TILITY ENCLOSU (FG & STEEL) SP, DOWNHOLE H 8, SEPERATOR, F & METER RUN VES, CONNECTION ND PRODUCTION D'6) D COST t, Cleanup, Misc., S	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N)	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,000 \$694,000 \$50,000 \$3,551,650	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$175,000 \$175,000 \$177,000 \$177,000 \$177,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$115,000 \$15,000 \$15,000 \$115,000 \$115,000 \$1175,000 \$1175,000 \$104,000 \$219,000
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 822 823 827 831 830 827 831 830 622/820 TOTAL TAI 941-945 ESTIMATE TOTAL AFI	CONTINGENCY (I TANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (I NGIBLE ESTIMATE P&A Costs, Rig, Cm	TED COST TANG Length 120' 1,800' 5,400' 5,400' 7,260' ER 9,000' PMENT TILITY ENCLOSU (FG & STEEL) SP, DOWNHOLE H 8, SEPERATOR, F & METER RUN VES, CONNECTION ND PRODUCTION DCOST t, Cleanup, Misc., S	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N)	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$252,000 \$2,807,650 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,000 \$69,000 \$694,000 \$50,000	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$175,000 \$74,000 \$156,000	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$185,000 \$185,000 \$115,000 \$115,000 \$115,000 \$115,000 \$115,000 \$1175,000\$100,000\$100\$1000\$100\$1000\$100\$100\$1
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 825 822 823 827 831 830 827 831 830 622/820 TOTAL TAI 941-945 ESTIMATE TOTAL AFI APPROVAL	CONTINGENCY (1) CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (1) NGIBLE ESTIMATE P&A Costs, Rig, Cm D DRY HOLE COST L AND ACCEPTAN	TED COST TANG Length 120' 1,800' 5,400' 900' ER 9,000' PMENT CER 9,000' PMENT CES CES CES	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N)	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20 6.5	\$365.00 \$105.00 \$63.00 \$37.00 \$16.00 \$16.00 IT IS REC AUTHORI OPERATI	\$30,000           \$252,000           \$2,807,650           COST BEFORE           CASING POINT           \$43,800           \$189,000           \$340,200           \$28,000           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$28,000           \$340,200           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$340,200           \$28,000           \$28,000           \$28,000           \$28,000           \$30,000           \$30,000           \$33,51,650           \$3,501,650           \$3,501,650           \$3,501,650           \$3,501,650           \$3,501,650	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000 \$1774,000 \$175,000 \$1774,000 \$175,000 \$1774,000\$ \$1774,000 \$	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$340,200 \$315,000 \$15,000 \$115,000 \$115,000 \$115,000 \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1175,000\$ \$1
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 821 621/824 825 825 825 822 823 827 831 830 622/820 TOTAL TAI 941-945 ESTIMATE TOTAL AFI APPROVAL WI OWNER W.I. Title	CONTINGENCY (1) CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUID PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (1) NGIBLE ESTIMATE P&A Costs, Rig, Cm D DRY HOLE COST E AND ACCEPTANCE	TED COST TANG Length 120' 1,800' 5,400' 9,000' PMENT CER 9,000' PMENT CONT t, Cleanup, Misc., S CE:	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO NS N) Services	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20 6.5	\$365.00 \$105.00 \$63.00 \$37.00 \$16.00 \$16.00 IT IS REC AUTHORI OPERATI Prepared by	S30,000 S252,000 S2,807,650 COST BEFORE CASING POINT S43,800 S189,000 S340,200 S44,800 S44,	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$177,0	S211,000 S632,000 S7,000,650 TOTAL WELL COST S43,800 S189,000 S340,200 S340,200 S340,200 S144,000 S446,000 S144,000 S46,000 S185,000 S185,000 S1155,000 S1155,000 S125,000 S125,000 S125,000 S125,000 S125,000 S125,000 S125,000 S124,000 S124,000 S219,000 S219,000 S219,000 S219,000 S219,000 S219,000 S219,000 S219,000 S219,000 S2142,620 S344,270 TES ONLY AND APPROVAL OF THIS INCURRED IN CONDUCTING THE THE HEREIN SET OUT.
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 821 621/824 825 825 825 822 823 827 831 830 622/820 TOTAL TAL 941-945 ESTIMATE TOTAL AFI APPROVAI WI OWNER W.I. Title Signature	CONTINGENCY (1) CANGIBLE ESTIMA CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION IN TUBING (Coated) WELLHEAD EQUI PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (1) NGIBLE ESTIMATE P&A Costs, Rig, Cm D DRY HOLE COST L AND ACCEPTAN	TED COST TANG Length 120' 1,800' 5,400' 17,260' PMENT PME	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO ONS N)	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20 6.5	\$365.00 \$105.00 \$63.00 \$37.00 \$16.00 \$16.00 IT IS REC AUTHORI OPERATI Prepared by *Optional	\$30,000           \$252,000           \$2,807,650           COST BEFORE           CASING POINT           \$43,800           \$189,000           \$340,200           \$28,000           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$340,200           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$28,000           \$340,200           \$300,000           \$300,000           \$300,000           \$33,551,650           \$3,551,650           \$3,501,650           \$3,501,650           \$00 SPECIFIED, WHETHER N           : Engineering           DEE Insurance ADD \$23,000 to	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$18,000 \$185,000 \$185,000 \$125,000 \$125,000 \$175,000 \$175,000 \$175,000 \$175,000 \$177,0	\$211,000 \$632,000 \$7,000,650 TOTAL WELL COST \$43,800 \$43,800 \$189,000 \$340,200 \$315,000 \$315,000 \$315,000 \$315,000 \$3125,000 \$314,000 \$3125,000 \$3125,000 \$314,000 \$3125,000 \$314,000 \$3125,000 \$314,000 \$3125,000 \$314,000 \$314,000 \$3125,000 \$314,000 \$3125,000 \$314,000 \$314,000 \$314,000 \$314,000 \$314,000 \$314,000 \$314,000 \$314,000 \$324,12,620
509/705 TOTAL INT Acct Code 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 822 823 827 831 830 622/820 TOTAL TAI 941-945 ESTIMATE TOTAL AFI APPROVAL WI OWNER W.I. Title Signature	CONTINGENCY (1) CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LIN TUBING (Coated) WELLHEAD EQUID PRODUCTION FAC POWER SOURCE RODS AND PUMP PACKERS, BP'S, ES HEATER TREATEF GAS SALES LINE & FLOWLINES, VAL' TANKS (WATER A MISCELLANEOUS CONTINGENCY (1) NGIBLE ESTIMATE P&A Costs, Rig, Cm D DRY HOLE COST E ESTIMATED COST L AND ACCEPTAN	TED COST TANG Length 120' 1,800' 5,400' 17,260' PMENT PME	Grade K-55 K-55 J55 & 180 P110 L-80 RE QUIPMENT WKO ONS N)	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20 6.5	\$365.00 \$105.00 \$63.00 \$37.00 \$16.00 \$16.00 IT IS REC AUTHORI OPERATI Prepared by *Optional Ple	S30,000 S252,000 S2,807,650 COST BEFORE CASING POINT S43,800 S189,000 S340,200 S44,800 S44,	\$181,000 \$380,000 \$4,193,000 COMPLETION COST \$638,620 \$144,000 \$18,000 \$18,000 \$18,000 \$18,000 \$18,000 \$18,000 \$18,000 \$125,000 \$125,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$175,000 \$17,718,620 \$5,911,620 \$5,911,620 \$1,718,620	\$211,00 \$632,00 \$7,000,65 TOTAL WELL COST \$43,80 \$43,80 \$189,00 \$340,20 \$340,20 \$138,000 \$340,20 \$138,000 \$1340,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$144,000 \$185,000 \$138,000 \$138,000 \$138,000 \$132,000 \$132,000 \$125,000 \$125,000 \$125,000 \$125,000 \$125,000 \$124,000 \$124,000 \$124,000 \$124,000 \$125,000 \$124,000 \$124,000 \$124,000 \$125,000 \$124,000 \$124,000 \$124,000 \$124,000 \$125,000 \$125,000 \$124,000 \$124,000 \$124,000 \$124,000 \$124,000 \$125,000 \$125,000 \$124,000 \$124,000 \$124,000 \$124,000 \$124,000 \$124,000 \$124,000 \$125,000 \$125,000 \$124,000 \$2412,620 \$104,000 \$2412,620 \$104,000 \$2412,620 \$104,000 \$2412,620

		<b>V-F</b> ]					API No.		
					PENDITURI		AFE Number	Second DS Second Havingson (10) Well 1.5 Mile	
X	Date Prepared / Revised: 08-31-2022 Original Supplement Revision						Re-Entry	Well Type Projected TD:	Second BS Sand Horizontal Oil Well 1.5 Mile MD 17.940'
X	Drill Well	Workover			Facilities		Plug & Abandon	Proposal	New Drill 10,120' TVD
Lease Name/W	Vell #	County / Sta	ate	Formation		Basin	Field or Prospect	SHL: Unit Letter K of S	ection 29, T21S-R35E
Cache River 2	29 32 State Com #202H	Lea	NM	2nd Bone	Spring	Permian	Rawhide (San Simon)	BHL: Unit Letter N of S	ection 32, T21S-R35E
Acct		INTANG	IBLE DESC	RIPTION			COST BEFORE	COMPLETION	TOTAL
Code 501	PERMITS & ENVIROME	NTAL CEDVI	CES				CASING POINT \$30,000	COST	WELL COST
516	TITLE OPINION, CURA						\$30,000	\$10,000	\$40,000
	SURVEYING STAKE LC		110				\$5,000		\$5,000
	DAMAGES & R-O-W'S						\$25,000		\$25,000
502/711	ROADS, LOCATION, PI	ΓS, LINERS, E	TC.				\$100,000	\$10,000	\$110,000
503	DRILLING RIG MOBILI	ZATION COS	Г				\$250,000		\$250,000
	DRILLING - DAYS		30	days @	\$25,000		\$750,000		\$750,000
	RIG HOUSING		33	days @	\$1,800		\$59,400		\$59,400
	STEERING	TIONAL		days @			£1/5 000		\$1C5.000
	MUD MOTORS & DIREC CLOSED LOOP & DISPO		30	days @	\$5,000		\$165,000 \$150,000		\$165,000 \$150,000
	MUD & FRAC CHEMICA		50	uays @	\$5,000		\$156,000	\$60,000	\$150,000
	WATER (Brine & Fresh);		R				\$40,000	\$465,000	\$505,000
	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 INTERME	DIATE					\$70,000		\$70,000
	CEMENTING PRODUCT	TON						\$130,000	\$130,000
509/705	TUBULAR SERVICES	ATT 10 5 5	X7 A Y Y-				\$20,000	\$36,000	\$56,000
	CASING CREWS / HYDI			V TOOLS			\$20,000	\$28,000	\$48,000
513/708 507	FLOAT EQUIPMENT, CI TESTING; COMPLETIO			V TOOLS			\$12,000	\$38,000 \$110,000	\$50,000 \$110,000
	OPEN HOLE LOGGING	N, FLOWBAC	ĸ					\$110,000	\$110,000
	MUD LOGGING		24	days @	\$2,000		\$48,000		\$48,000
	WELDING, HOURLY L	ABOR, SAFET					\$67,000		
509/713	EQUIPMENT RENTAL						\$54,000	\$135,000	\$189,000
509/714	TRUCKING, TRANSPOR	RTATION, FO	RKLIFT				\$24,000	\$12,000	\$36,000
715	COMPLETION UNIT; CO	DIL TUBING U	JNIT					\$335,000	\$335,000
	FORMATION STIMULA		<i>,</i>					\$2,100,000	\$2,100,000
	CASED HOLE LOGGING		'ING & FRA	C PLUGS				\$236,000	\$236,000
	GEOLOGIC / ENGINEER		20	dama @	62 500		\$35,000	\$56,000	\$91,000
	CONTRACT CONSULTA DRILLING WELL RATE			days @ days @	\$3,500 \$200		\$105,000	\$52,000 \$5,000	\$157,000 \$11,000
	INSURANCE	(A0)	50	uays @	\$200		\$38,000	\$15,000	\$53,000
	MISCELLANEOUS						\$30,000	\$191,000	\$221,000
	CONTINGENCY (10%)						\$275,000	\$401,000	\$676,000
TOTAL INT	ANGIBLE ESTIMATED	COST					\$3,065,200	\$4,425,000	\$7,490,200
Acct		TANGI	BLE DESCF	IPTION			COST BEFORE	COMPLETION	TOTAL
Code							CASING POINT	COST	WELL COST
620/820		Length	Grade	Size	Weight	Price/Ft.			
	CONDUCTOR	120'	K-55	20	54.5	\$365.00	\$43,800		\$43,800
	SURFACE INTERMEDIATE	1,800' 5,400'	K-55 L-80	13 3/8" 9 5/8"	54.5 40	\$105.00 \$63.00	\$189,000 \$340,200		\$189,000
	INTERMEDIATE	5,400	L-00	9 5/6	40	\$05.00	\$370,200		\$540,200
	PRODUCTION	17,960'	P110	5 1/2"	20	\$37.00		\$664.520	\$664,520
	PRODUCTION LINER								
821	TUBING (Coated)	10,200'	L-80	2.875	6.5	\$16.00		\$163,200	\$163,200
621/824	WELLHEAD EQUIPMEN	νT					\$28,000	\$18,000	\$46,000
	PRODUCTION FACILIT	Y ENCLOSUF	Е					\$185,000	\$185,000
	POWER SOURCE	am						\$63,000	\$63,000
	RODS AND PUMP (FG &	· · · · ·	01 H D						
	PACKERS, BP'S, ESP, DO		-					0105 000	1
	HEATER TREATER, SEI GAS SALES LINE & ME		N NU					\$125,000 \$15,000	\$15,000
	FLOWLINES, VALVES,		NS					\$13,000	\$15,000
	TANKS (WATER AND P							\$125,000	\$125,000
	MISCELLANEOUS		,				\$30,000	\$77,000	\$175,000
	CONTINGENCY (10%)						\$63,000	\$161,000	
TOTAL TAN	NGIBLE ESTIMATED CO	ST					\$694,000	\$1,771,720	\$2,465,720
	P&A Costs, Rig, Cmt, Cle	anup, Misc., So	ervices				\$50,000		
	D DRY HOLE COST						\$3,809,200		
	E ESTIMATED COST						\$3,759,200	\$6,196,720	\$9,955,920
WI OWNER	L AND ACCEPTANCE:				-	AUTHOR		THE ACTUAL COSTS	TES ONLY AND APPROVAL OF THIS INCURRED IN CONDUCTING THE THE HEREIN SET OUT.
Title						Prepared by	7: Engineering		Date: August 31,2022
Signature Date				-	OEE Insurance ADD \$23,000 to ase check if you elect to be inclu		Date:		
						Insurance	coverage as set forth in Paragra	ph A.6 of Exh "D" to JOA	4

		<b>V-Г</b>	Petro	oleu	m In		API No.		
		AUTHO	DRIZATIO	N FOR EXI	PENDITURE		AFE Number		
	Date Prepared / Revised: 08-31-2022						-	Well Type	Third BS Sand Horizontal Oil Well 1.5 Mile
Х	Original	Supplement	:		Revision		Re-Entry	Projected TD:	MD 18,645'
X	Drill Well	Workover			Facilities		Plug & Abandon	Proposal	New Drill 10,825' TVD
ease Name/W	Well # 29 32 State Com #302H	County / Sta Lea	ate NM	Formation 3rd Bone	Spring	Basin <b>Permian</b>	Field or Prospect Rawhide (San Simon)	SHL: Unit Letter K of S BHL: Unit Letter N of S	
Acct		•			-pring	1 01 1111	COST BEFORE	COMPLETION	TOTAL
Code		INTANG	IBLE DESC	RIPTION			CASING POINT	COST	WELL COST
501	PERMITS & ENVIRON	MENTAL SERVI	CES				\$30,000	\$10,000	\$40,000
516	TITLE OPINION, CUR	ATIVE & POOL	ING				\$25,000		\$25,000
501	SURVEYING STAKE I	LOCATION					\$5,000		\$5,000
501	DAMAGES & R-O-W'S	3					\$25,000		\$25,000
502/711	ROADS, LOCATION, I						\$100,000	\$10,000	\$110,000
503	DRILLING RIG MOBI	LIZATION COS					\$250,000		\$250,000
503	DRILLING - DAYS			days @	\$25,000		\$800,000		\$800,000
503 503	RIG HOUSING STEERING		55	days @ days @	\$1,800		\$03,000		\$63,000
503	MUD MOTORS & DIR	ECTIONAL		uays @			\$165,000		\$165,000
517	CLOSED LOOP & DIS		32	days @	\$5,000		\$160,000		\$160,000
505	MUD & FRAC CHEMI		52	uu, 5 (6)	\$2,000		\$156,000	\$60,000	\$216,000
505/716	WATER (Brine & Fresh		R				\$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 SURFAC	CE					\$35,500		\$35,500
504	CEMENTING INTERM	<b>IEDIATE</b>					\$70,000		\$70,000
701	CEMENTING PRODUC	CTION						\$140,000	\$140,000
509/705	TUBULAR SERVICES						\$20,000	\$40,000	\$60,000
509/705	CASING CREWS / HY	DRAULIC CAT	WALK				\$20,000	\$30,000	\$50,000
513/708	FLOAT EQUIPMENT,	CENTRALIZER	S, ECP'S, D	V TOOLS			\$12,000	\$47,000	\$59,000
507	TESTING; COMPLETI		K					\$110,000	\$110,000
508	OPEN HOLE LOGGIN	G							
508	MUD LOGGING		26	days @	\$2,000		\$52,000		\$52,000
509/705	WELDING, HOURLY		ГҮ РАҮ				\$69,000		
509/713	EQUIPMENT RENTAL						\$56,000	\$135,000	\$191,000
509/714	TRUCKING, TRANSPO						\$26,000	\$12,000	\$38,000
715	COMPLETION UNIT;							\$350,000	\$350,000
704	FORMATION STIMUL		<i>,</i>	G DI LIGG				\$2,175,000	\$2,175,000
702/03	CASED HOLE LOGGI		ING & FRA	AC PLUGS			627.000	\$250,000	\$250,000
510/11/706	GEOLOGIC / ENGINE		20	1 @	\$2.500		\$37,000	\$57,000 \$52,000	\$94,000 \$157,000
509/705 514	CONTRACT CONSUL DRILLING WELL RAT			days @ days @	\$3,500 \$200		\$105,000 \$6,000	\$5,000	\$157,000
	DRILLING WELL RAT	1L (AO)	50	uays @	\$200		\$0,000	\$5,000	\$11,000
	INSURANCE						\$39,000	\$15,000	\$54.000
	INSURANCE MISCELLANEOUS						\$39,000	\$15,000 \$197,000	
513/708 509/705	INSURANCE MISCELLANEOUS CONTINGENCY (10%	)					\$39,000 \$30,000 \$284,000	\$15,000 \$197,000 \$415,000	\$54,000 \$227,000 \$699,000
513/708 509/705	MISCELLANEOUS	,					\$30,000	\$197,000	
513/708 509/705	MISCELLANEOUS CONTINGENCY (10%	O COST	BLE DESCR	RIPTION			\$30,000 \$284,000	\$197,000 \$415,000	\$227,000 \$699,000
513/708 509/705 TOTAL INT	MISCELLANEOUS CONTINGENCY (10%	O COST	BLE DESCR	RIPTION			\$30,000 \$284,000 \$3,165,500	\$197,000 \$415,000 \$4,575,000	\$227,000 \$699,000 \$7,740,500
513/708 509/705 TOTAL INT Acct Code 620/820	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI	D COST TANGII Length	Grade	Size	Weight	Price/Ft.	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT	\$197,000 \$415,000 \$4,575,000 COMPLETION	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST
513/708 509/705 TOTAL INT Acct Code 620/820 620/820	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI	D COST TANGII Length	Grade K-55	Size 20		\$365.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800	\$197,000 \$415,000 \$4,575,000 COMPLETION	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI CONDUCTOR SURFACE	D COST TANGII Length 120' 1,800'	Grade K-55 K-55	Size 20 13 3/8"	54.5	\$365.00 \$105.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800 \$189,000	\$197,000 \$415,000 \$4,575,000 COMPLETION	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE	D COST TANGII Length	Grade K-55	Size 20		\$365.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800	\$197,000 \$415,000 \$4,575,000 COMPLETION	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 620/820	MISCELLANEOUS CONTINGENCY (10% CANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE	D COST TANGII Length 120' 1,800' 5,400'	Grade K-55 K-55 L-80	Size 20 13 3/8" 9 5/8"	54.5 40	\$365.00 \$105.00 \$63.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800 \$189,000	\$197,000 \$415,000 \$4,575,000 COMPLETION COST	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000 \$340,200
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 620/820 820	MISCELLANEOUS CONTINGENCY (10% CANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION	D COST TANGII 120' 1,800' 5,400' 18,665'	Grade K-55 K-55	Size 20 13 3/8"	54.5	\$365.00 \$105.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800 \$189,000	\$197,000 \$415,000 \$4,575,000 COMPLETION	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 620/820 820 820 820	MISCELLANEOUS CONTINGENCY (10% CANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER	D COST TANGII 120' 1,800' 5,400' 18,665'	Grade K-55 K-55 L-80 P110	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800 \$189,000	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$690,605
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 620/820 820 820 820 821	MISCELLANEOUS CONTINGENCY (10% CANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated)	D COST TANGII 120' 1,800' 5,400' 18,665' 10,400'	Grade K-55 K-55 L-80	Size 20 13 3/8" 9 5/8"	54.5 40	\$365.00 \$105.00 \$63.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605 \$166,400	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$690,605 \$166,400
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 620/820 820 820 820	MISCELLANEOUS CONTINGENCY (10% CANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER	D COST TANGII 120' 1,800' 5,400' 18,665' 10,400' ENT	Grade K-55 K-55 L-80 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$33,165,500 COST BEFORE CASING POINT \$43,800 \$189,000	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM	D COST TANGII 120' 1,800' 5,400' 18,665' 10,400' ENT	Grade K-55 K-55 L-80 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605 \$166,400 \$18,000	\$227,000 \$699,000 \$7,740,500 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340
513/708 509/705 TOTAL INT Acct 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825	MISCELLANEOUS CONTINGENCY (10% FANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACIL	D COST TANGII 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF	Grade K-55 K-55 L-80 P110 L-80	Size 20 13 3/8" 9 5/8" 5 1/2"	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$185,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$186,000 \$166,400 \$166,400 \$185,000
513/708 509/705 TOTAL INT Acct 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE	COST TANGII Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 6 & STEEL)	Grade K-55 K-55 L-80 P110 L-80 RE	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$185,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$186,400 \$166,400 \$166,400 \$185,000
513/708 509/705 TOTAL INT Acct 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 822	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FO	COST TANGII Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 6 & STEEL) DOWNHOLE E	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$185,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$166,400 \$166,400 \$185,000
513/708 509/705 TOTAL INT Acct 620/820 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 825 822 823	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FO PACKERS, BP'S, ESP,	Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 5 & STEEL) DOWNHOLE EA EPERATOR, FW	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$185,000 \$63,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$186,400 \$166,400 \$166,400 \$185,000
513/708 509/705 TOTAL INT Acct 620/820 620/820 620/820 620/820 620/820 820 820 820 820 820 821 621/824 825 825 825 822 823 827	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FC PACKERS, BP'S, ESP, HEATER TREATER, S	Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 6 & STEEL) DOWNHOLE EA EPERATOR, FW IETER RUN	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT VKO	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$166,400 \$18,000 \$185,000 \$185,000 \$125,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$189,000 \$340,200 \$340,200 \$340,200 \$185,000 \$185,000 \$185,000 \$185,000 \$15,000
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 620/820 820 820 820 821 621/824 825 825 822 823 827 831	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FC PACKERS, BP'S, ESP, HEATER TREATER, S GAS SALES LINE & M	Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 6 & STEEL) DOWNHOLE EA EPERATOR, FW IETER RUN S, CONNECTIO	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT VKO NS	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 \$4,575,000 COMPLETION COST \$166,400 \$18,000 \$185,000 \$185,000 \$125,000 \$125,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$43,800 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$15,000 \$15,000 \$15,000 \$15,000 \$175,000
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 822 823 827 831 830	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI SURFACE INTERMEDIATE INTERMEDIATE PRODUCTION PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FO PACKERS, BP'S, ESP, HEATER TREATER, S GAS SALES LINE & M FLOWLINES, VALVES	Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF 6 & STEEL) DOWNHOLE EA EPERATOR, FW IETER RUN S, CONNECTIO	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT VKO NS	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200	\$197,000 \$415,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$43,800 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$15,000 \$15,000 \$15,000 \$15,000 \$175,000
513/708 509/705 TOTAL INT Acct Code 620/820 620/820 620/820 620/820 820 820 820 820 821 621/824 825 825 822 823 827 831 830 827 830 622/820	MISCELLANEOUS CONTINGENCY (10% TANGIBLE ESTIMATEI CONDUCTOR SURFACE INTERMEDIATE INTERMEDIATE INTERMEDIATE PRODUCTION LINER TUBING (Coated) WELLHEAD EQUIPM PRODUCTION FACILI POWER SOURCE RODS AND PUMP (FC PACKERS, BP'S, ESP, HEATER TREATER, S GAS SALES LINE & M FLOWLINES, VALVES TANKS (WATER AND MISCELLANEOUS CONTINGENCY (10%	Length 120' 1,800' 5,400' 18,665' 10,400' ENT ITY ENCLOSUF G & STEEL) DOWNHOLE EF EPERATOR, FW METER RUN S, CONNECTION PRODUCTION	Grade K-55 K-55 L-80 P110 L-80 RE QUIPMENT VKO NS	Size 20 13 3/8" 9 5/8" 5 1/2" 2.875	54.5 40 20	\$365.00 \$105.00 \$63.00 \$37.00	\$30,000 \$284,000 \$3,165,500 COST BEFORE CASING POINT \$43,800 \$189,000 \$340,200 \$340,200 \$28,000 \$28,000 \$330,000 \$30,000 \$63,000	\$197,000 \$415,000 COMPLETION COST \$690,605 \$166,400 \$18,000 \$18,000 \$185,000 \$125,000 \$125,000 \$125,000 \$175,000 \$175,000 \$175,000 \$164,000	\$227,000 \$699,000 TOTAL WELL COST \$43,800 \$43,800 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$189,000 \$340,200 \$15,000 \$100,0000 \$100,00000 \$100
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# **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 Bunke

Date







Released to Imaging: 11/1/2022 3:10:13 PM







Released to Imaging: 11/1/2022 3:10:13 PM

# 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.

<u>/s/ Dana S. Hardy</u> Dana S. Hardy October 28, 2022 Date

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



# HINKLE SHANOR LLP

ATTORNEYS AT LAW P.O. BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

October 7, 2022

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

## <u>VIA CERTIFIED MAIL</u> 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: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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 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



# HINKLE SHANOR LLP

ATTORNEYS AT LAW P.O. BOX 2068 SANTA FE, NEW MEXICO 87504 505-982-4554 (FAX) 505-982-8623

October 11, 2022

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

## <u>VIA CERTIFIED MAIL</u> <u>RETURN RECEIPT REQUESTED</u>

# 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: <u>https://www.emnrd.nm.gov/ocd/hearing-info/</u>. 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.

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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**

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

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





V-F Petroleum, Inc. Case No. 23103 Exhibit C-3 Released to Imaging: 11/1/2022 3:10:13 PM





U.S. Postal Service CERTIFIED MAIL Domestic Mail Only         For delivery information, visit         OFFIC         Certified Mail Fee         \$         Extra Services & Fees (check box, add feed         Return Receipt (lardcopy)         Beturn Receipt (lardcopy)         Certified Mail Restricted Delivery         Certified Mail Restricted Delivery         Adult Signature Required         Adult Signature Restricted Delivery         Postage         \$         Total Postage and Fees         \$         Serrt The         Sign to W. Texas Ave, Suite 655 Midland, TX 79701         Cit       23102-23104 V-F Petroleum O         PS Form 3800, April 2015 PSN 7530-0	© RECEIPT
<ul> <li>SENDER: COMPLETE THIS SECTION</li> <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,</li> </ul>	COMPLETE THIS SECTION ON DELIVERY         A. Signature         A. Signature         A. Signature         B. Received by (Printed Name)         C. Date of Delivery         A. Delivery
or on the front if space permits.  1. Article Addressed to: The Ninety-Six Corporation 500 W. Texas Ave, Suite 655	D. Is delivery address different from item 1? If YES, enter delivery address below: RECEIVED No
Midland, TX 79701 23102-23104 V-F Petroleum Cache River	OCT 13 2022 3. Service Type Hinkle Shanor Hertority Mail Express®
9590 9402 7543 2098 9503 25 2. Article Number ( <i>Transfer from service label</i> ) 7020 0090 0000 0667 3752 PS Form 3811, July 2020 PSN 7530-02-000-9053	Service Type Hinkle Shand □ □ Priority Mail Express®     Adult Signature Restricted Delivery     Certified Mail® Restricted Delivery     Collect on Delivery Signature Confirmation     Collect on Delivery Restricted Delivery     Insured Mail     Insured Mail     Restricted Delivery     Domestic Return Receipt

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Received by OCD: 11/1/2022 2:59:39 PM

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U.S. Postal Service<sup>™</sup>

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# 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

#38157

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

LEGAL

LEGAL NOTICE

October 19, 2022

This is to notify all interested parties, including Michael Christopher Finseth; Estate of Patricia Doyle Finseth; The Ninety-Six Corporation; Legacy Reserves Operating, LP; ConocoPhillips Company COG Operating LLC; Apache Corporation; Rutter & Wilbanks; and their successors and assigns, that the

New Mexico Oil Conservation Division will conduct a

hearing on an application submitted by V-F Petroleum, Inc. (Case No. 23103). The hearing will be conducted remotely on November 3, 2022, beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the

OCD Hearings website for that date: https://www.emnrd.nm.gov/ocd/hearing-info/. Applicant applies for an order pooling all uncommitted mineral 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 following wells: Cache River 29 32 State Com #102H, Cache River 29 32 State Com #302H, and Cache River 29 32 State Com #302H, to be horizontally drilled from a surface hole location in the NE/4 SW/4 (Unit K) of Section 29, Township 21

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. 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 V-F Petroleum 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.

LEGAL

00272159

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