

**BEFORE THE OIL CONSERVATION DIVISION  
EXAMINER HEARING NOVEMBER 03, 2022**

**CASE No. 23096**

*ANAKIN 230 19 FEE 1H WELL*

**LEA COUNTY, NEW MEXICO**



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

**APPLICATION OF CROCKETT  
OPERATING, LLC FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO**

**CASE NO. 23096**

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

<b>Case: 23096</b>	<b>APPLICANT'S RESPONSE</b>
<b>Date</b>	<b>November 3, 2022</b>
Applicant	Crockett Operating, LLC
Designated Operator & OGRID (affiliation if applicable)	331255
Applicant's Counsel:	Holland & Hart LLP
Case Title:	APPLICATION OF CROCKETT OPERATING, LLC FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO.
Entries of Appearance/Intervenors:	N/A
Well Family	Anakin wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	San Andres
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	N/A
Pool Name and Pool Code:	Bronco; San Andres South Oil Pool (7500)
Well Location Setback Rules:	Statewide oil rules
Spacing Unit Size:	480-acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480-acres
Building Blocks:	40-acres
Orientation:	South-North
Description: TRS/County	W/2 of Section 19 and the NW/4 of Section 30, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	Yes
Proximity Defining Well: if yes, description	The completed interval of this initial well is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit
Applicant's Ownership in Each Tract	See Exhibit C-4
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	
Well #1	<b>Anakin 30 19 A Fee 1H (30-025-50077)</b> SHL: 2418' FSL & 970' FWL (Unit L) of Section 30 BHL: 50' FNL & 1120' FWL (Unit D) of Section 19 Completion Target: San Andres formation Well Orientation: South to North Completion Location expected to be: Standard
Horizontal Well First and Last Take Points	Exhibit C-3

Completion Target (Formation, TVD and MD)	Exhibit C-5
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8,000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit C
Requested Risk Charge	200%
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	See Application
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit E
Proof of Published Notice of Hearing (10 days before hearing)	Exhibit F
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibit C-4
Tract List (including lease numbers and owners)	Exhibit C-4
Pooled Parties (including ownership type)	Exhibit C-4
Unlocatable Parties to be Pooled	See Exhibit C; C-6 (unable to locate five interest owners)
Ownership Depth Severance (including percentage above & below)	N/A
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit C-5
List of Interest Owners (ie Exhibit A of JOA)	Exhibit C-4
Chronology of Contact with Non-Joined Working Interests	Exhibit A-6
Overhead Rates In Proposal Letter	Exhibit C-5
Cost Estimate to Drill and Complete	Exhibit C-5
Cost Estimate to Equip Well	Exhibit C-5
Cost Estimate for Production Facilities	Exhibit C-5
<b>Geology</b>	
Summary (including special considerations)	Exhibit D
Spacing Unit Schematic	Exhibit D-2
Gunbarrel/Lateral Trajectory Schematic	N/A
Well Orientation (with rationale)	Exhibit D
Target Formation	Exhibit D; D-5
HSU Cross Section	Exhibit D-5
Depth Severance Discussion	N/A
<b>Forms, Figures and Tables</b>	
A-102	Exhibit C-3
Tracts	Exhibit C-4
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit C-4
General Location Map (including basin)	Exhibit D-2
Well Bore Location Map	Exhibit D-2

Structure Contour Map - Subsea Depth	Exhibit D-3
Cross Section Location Map (including wells)	Exhibit D-4
Cross Section (including Landing Zone)	Exhibit D-5
<b>Additional Information</b>	
Special Provisions/Stipulations	N/A
<b>CERTIFICATION: I hereby certify that the information provided in this checklist is complete and accurate.</b>	
<b>Printed Name</b> (Attorney or Party Representative):	Paula M. Vance
<b>Signed Name</b> (Attorney or Party Representative):	
<b>Date:</b>	1-Nov-22

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

**APPLICATION OF CROCKETT  
OPERATING, LLC FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO.**

CASE NO. 23096

**APPLICATION**

Crockett Operating, LLC (“Crockett Operating” or “Applicant” ) (OGRID No. 331255), through its undersigned attorneys, files this application with the Oil Conservation Division pursuant to the provisions of NMSA 1978, § 70-2-17, for an order pooling all uncommitted interests in the San Andres formation underlying a standard 480-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 19 and the NW/4 of Section 30, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico. In support of its application, Crockett Operating states:

1. Applicant is a working interest owner in the proposed horizontal spacing unit and has the right to drill thereon.
2. Applicant seeks to initially dedicate the above-referenced spacing unit to the proposed **Anakin 30-19 A Fee 1H** well to be horizontally drilled from a surface location in NW/4SW/4 (Unit L) of Section 30 to a bottom hole location in NW/4NW/4 (Unit D) of Section 19, Township 13 South, Range 38 East.
3. The completed interval of this initial well is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit.

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. B  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096**

4. Applicant has sought and been unable to obtain voluntary agreement for the development of these lands from all the mineral interest owners in the subject spacing unit.

5. The pooling of interests will avoid the drilling of unnecessary wells, will prevent waste, and will protect correlative rights.

6. To allow the recovery of Applicant's just and fair share of the oil and gas underlying the subject lands, all uncommitted interests in this horizontal spacing unit should be pooled, and Applicant should be designated the operator of the proposed horizontal well and spacing 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 horizontal spacing unit and approving the initial well thereon;
- B. Designating Applicant as operator of the horizontal spacing unit and the horizontal wells to be drilled thereon;
- C. Authorizing Applicant to recover its costs of drilling, equipping, and completing the well;
- D. Approving the actual operating charges and costs of supervision while drilling and after completion, together with a provision adjusting the rates pursuant to the COPAS accounting procedures; and
- E. 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 well.

Respectfully submitted,

HOLLAND & HART LLP

By: 

Michael H. Feldewert  
Adam G. Rankin  
Julia Broggi  
Paula M. Vance  
Post Office Box 2208  
Santa Fe, New Mexico 87504-2208  
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jbroggi@hollandhart.com  
pmvance@hollandhart.com

**ATTORNEYS FOR CROCKETT  
OPERATING, LLC**

**Application of Crockett Operating, LLC for compulsory pooling, Lea County, New Mexico.** Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the San Andres formation underlying a standard 480-acre horizontal well spacing unit comprised of the W/2 of Section 19 and the NW/4 of Section 30, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Anakin 30-19 A Fee 1H** well to be horizontally drilled from a surface location in NW/4SW/4 (Unit L) of Section 30 to a bottom hole location in NW/4NW/4 (Unit D) of Section 19, Township 13 South, Range 38 East. The completed interval of this initial well is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said well. Said area is located approximately 11 miles southeast of Tatum, New Mexico.

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

**APPLICATION OF CROCKETT  
OPERATING, LLC FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO.**

**CASE NO. 23096**

**SELF-AFFIRMED STATEMENT PERCY ENGINEER**

1. My name is Percy Engineer. I work for Crockett Operating, LLC (“Crockett”) as a Consulting Land Manager.

2. Crockett is an affiliate of Vader Exploration and Production, LLC, which is a working interest owner in the proposed horizontal spacing unit in this case. Crockett performs the sole function as operator for Vader and other parties, and generally acts on behalf of Vader Exploration and Production, LLC to manage its leasehold interests in Lea County. **Exhibit C-1** is a letter from Vader Exploration and Production, LLC’s CEO, Shu Rau, describing and affirming the nature of this relationship.

3. I have not previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. I have included a copy of my resume as **Exhibit C-2** for the Division to review and respectfully request that my credentials be accepted as a matter of record, and I be tendered as an expert in land matters.

4. I am familiar with the application filed by Crockett in this case, and I am familiar with the status of the lands in the subject area.

5. None of the uncommitted parties in this case has indicated opposition to proceeding by self-affirmed statement and, therefore, I do not expect any opposition at the hearing.

**BEFORE THE OIL CONSERVATION DIVISION**  
**Santa Fe, New Mexico**  
**Exhibit No. C**  
**Submitted by: Crockett Operating, LLC**  
**Hearing Date: November 3, 2022**  
**Case No. 23096**

6. In **Case 23096**, Crockett seeks an order pooling all uncommitted interest owners in the San Andres formation [Bronco; San Andres South Oil Pool (7500)] underlying a standard 480-acre, more or less, horizontal well spacing unit comprised of the W/2 of Section 19 and the NW/4 of Section 30, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico. Crockett seeks to pool and initially dedicate this San Andres spacing unit to the proposed **Anakin 30-19 A Fee 1H well** to be horizontally drilled from a surface location in NW/4 SW/4 (Unit L) of Section 30 to a bottom hole location in NW/4 NW/4 (Unit D) of Section 19, Township 13 South, Range 38 East.

7. The completed interval of this initial well is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit under NMAC 19.15.16.15.B(1)(b).

8. **Crockett Exhibit C-3** contains a draft Form C-102 for the proposed initial well in this standard spacing unit. The exhibit shows that the well will be assigned to the [Bronco; San Andres South Oil Pool (7500)].

9. **Crockett Exhibit C-4** includes a tract map with each of the parties identified by tract, with the parties to be pooled highlighted in red. Exhibit C-4 also includes an ownership interest breakdown on a spacing unit basis and breakdown by each tract, identifying the parties sought to be pooled in yellow highlight.

10. No depth severances exist within the San Andres formation underlying this acreage.

11. **Crockett Exhibit C-5** contains a sample of the well proposal letters and AFEs sent to owners with a working interest. The costs reflected in the AFEs are consistent with what

Crockett and other operators have incurred for drilling similar horizontal wells in the area in this formation. Crockett also included a request for lease offers to uncommitted interest owners.

12. Crockett requests that the overhead and administrative costs for drilling and producing the proposed wells be set at \$8,000 per month while drilling and \$800 per month while producing. These costs are consistent with what other operators are charging in this area for similar wells.

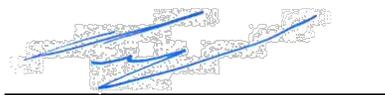
13. **Crockett Exhibit C-6** contains a general summary of the contacts with the uncommitted interest owners. As indicated in the exhibit, Crockett has made a good faith effort to locate and has had communications with the majority of the parties that it seeks to pool in this case in an effort to reach voluntary joinder. Crockett was unable to locate five interest owners, nor any apparent heirs for those interest owners, and seven parties have been unresponsive. In my opinion, Crockett has undertaken good faith efforts to reach an agreement with the uncommitted interest owners.

14. Crockett has provided the law firm of Holland & Hart LLP with the names and addresses of the parties that Crockett seeks to pool and instructed that they be notified of this hearing. Crockett has conducted a diligent search of all public records in the county where the property is located, reviewed telephone directories, and conducted computer searches to locate contact information for each interest owner.

15. **Crockett Exhibit C-1 through C-6** were either prepared by me or compiled under my direction and supervision.

16. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed

statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

A handwritten signature in blue ink, appearing to read "Percy Engineer", written over a horizontal line.

Percy Engineer

10/31/2022

Date



October 27, 2022

**Re: Statement regarding affiliation of Crockett Operating, LLC and Vader Exploration & Production, LLC**

To whom it may concern,

This letter is to clarify the business relationship between Crockett Operating, LLC (Crockett) and Vader Exploration & Production, LLC (Vader). The entities are affiliated companies and share the same ownership and management. Crockett is the operator in multiple areas in New Mexico and Texas. As each area in which Crockett operates has different partners and agreements, separate entities are formed in order to facilitate accurate accounting and create a separation between projects. This also facilitates managing any transactions of varying working interest in which Crockett may retain operatorship.

In the Lea County project area, Crockett performs the sole function as the operator, while Vader and its joint development partners hold their respective working interests. In this project area, Crockett is a part of that certain Joint Development Agreement covering the interests in Lea County, and is the operator and lead for multiple parties including Vader Exploration & Production, LLC, G.O. Basic Energy I, LLC, Terra Nova Energy, LP, Kennedy Minerals Ltd., McCarthy O&G, LLC, G&M Oil, LLC, Eight Energy, Inc., Tripp Exploration, Inc. and DRB Hard Rock Investments, LLC. These parties are represented by Crockett under the Joint Development agreement and an Operating Agreement.

Should you have any questions, or require any additional information, please contact the undersigned below at (713) 443-4616 or at [shu.rau@crockettops.com](mailto:shu.rau@crockettops.com).

Sincerely,

A handwritten signature in black ink that reads 'Shu Rau'.

Shu Rau  
CEO  
Crockett Operating, LLC  
Vader Exploration & Production, LLC

**BEFORE THE OIL CONSERVATION DIVISION**  
**Santa Fe, New Mexico**  
**Exhibit No. C-1**  
**Submitted by: Crockett Operating, LLC**  
**Hearing Date: November 3, 2022**  
**Case No. 23096**

## Percy Engineer

**Consulting Land Manager, Crockett Operating, LLC**

**President, Eight Energy, Inc.**

E-mail: percy.engineer@gmail.com

Phone: (210) 710-9468

### SUMMARY OF QUALIFICATIONS

Petroleum Landman since 2007. Multiple roles and projects across Texas, New Mexico, Colorado, Mississippi, and Alabama. Managed over 100,000 acres across multiple projects for multiple operators. One of the few consultants that performs all aspects of land management from initial geological concept, through title/leasing, initial discovery, well planning, obligation management, and full strategic development.

### RELEVANT EXPERIENCE

#### **Eight Energy, Inc.**

**2011 - Present**

President

- Founder and President of Eight Energy, Inc., established in 2011
- Manages multiple land projects with a focus in West Texas and Southeast New Mexico
- Actively develops oil & gas prospects, individually, and in collaboration with various groups/operators
- Functions in various roles for clients: Lead Broker, Land Manager, Business Development Consultant, Land Administration Consultant
- Actively manages drilling program and coordinates well planning and lease obligations
- Eight Energy has acquired over 15,000 leases through Texas and New Mexico
- Active working interest and mineral interest owner in multiple areas
- Frequent speaker at seminars and continuing-education events for multiple organizations including PALTA, NADOA, PBLA, AAPL

#### **Crockett Operating, LLC**

**2020-Present**

Consulting Land Manager

- Manages all land and land administration functions for Crockett Operating
- Manages all title, leasing, acquisitions, diligence, surface negotiations

#### **G.O. Basic Energy I, LLC**

**2020-Present**

Consulting Land Manager

- Assisted in the assembly of the prospect, from geologic conception through development of over 26,000 acres, currently being developed by multiple operators with great success
- Managed all title, leasing, acquisitions, diligence

#### **Alamo Borden County IV, LLC**

**2020-2022**

Consulting Land Manager

- Managed all land and land administration functions for operations on approx. 6,000 acres of land
- Managed all title, leasing, acquisitions, diligence, surface negotiations
- Was a key member of company's sale of assets in early 2022, totaling over \$200MM

#### **Basin Ridge Petroleum Technologies**

**2014-2019**

Founder, Manager

- Founded and managed company specializing in oilfield construction, coatings, wellsite maintenance and repair

#### **Trail Ridge Exploration, LLC**

**2012-2018**

Lead Broker and Land Manager

- Prospected and assembled over 24,000 acres in the Midland Basin for multiple Wolfcamp D prospects; acquired and managed of over 70,000 acres.

**BEFORE THE OIL CONSERVATION DIVISION**  
**Santa Fe, New Mexico**  
**Exhibit No. C-2**  
**Submitted by: Crockett Operating, LLC**  
**Hearing Date: November 3, 2022**  
**Case No. 23096**

- Managed drilling program and schedule
- Managed all title, leasing, acquisitions, diligence

**Energen Resources Corporation**

**2010-2014**

Senior Landman and Lead Land Broker

- Project lead brought in to start an organic leasing and development program for Energen
- Managed a team of 24 landmen over 7 counties
- Sole lead to acquire drilling properties and managed the land-side development and scheduling for a 14-rig program
- Total value of \$2.4B in CAPEX added through the properties directly acquired by Percy Engineer/Eight Energy

**Endeavor Energy Resources, LP**

**2008-2010**

Senior Landman/Prospect Manager

- Managed all properties in Howard, Northern Glasscock and Eastern Martin Counties, totaling 86,000 in leasehold.
- Managed drilling and development schedule and all land management for area of responsibility

**Additional information**

U.S. Army Veteran, 1997-2007

BBA in Operations Management, BBA in Strategic Management, University of Texas San Antonio, 2006

Santa Fe, New Mexico

Exhibit No. C-3

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

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

Submitted by: **Crockett Operating, LLC** FORM C-102  
Hearing Date: **November 3, 2022** Revised August 1, 2011  
Case No. **23096** Submit one copy to appropriate District Office

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-50077</b>		<sup>2</sup> Pool Code <b>7500</b>		<sup>3</sup> Pool Name <b>BRONCO;SAN ANDRES, SOUTH</b>	
<sup>4</sup> Property Code <b>332794</b>		<sup>5</sup> Property Name <b>ANAKIN 30-19 A FEE</b>			<sup>6</sup> Well Number <b>1H</b>
<sup>7</sup> GRID No. <b>331255</b>		<sup>8</sup> Operator Name <b>CROCKETT OPERATING LLC</b>			<sup>9</sup> Elevation <b>3851'</b>

<sup>10</sup>Surface Location

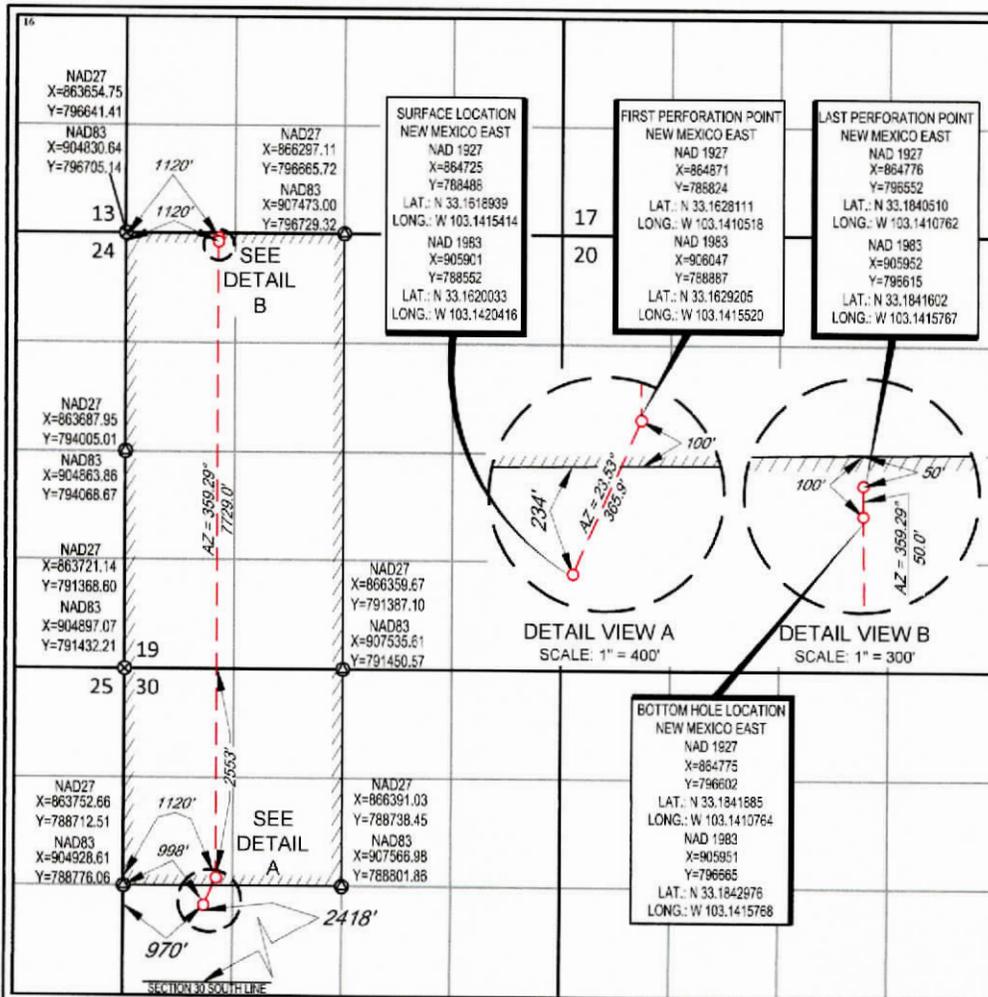
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>L</b>	<b>30</b>	<b>13-S</b>	<b>38-E</b>	<b>-</b>	<b>2418'</b>	<b>SOUTH</b>	<b>970'</b>	<b>WEST</b>	<b>LEA</b>

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>D</b>	<b>19</b>	<b>13-S</b>	<b>38-E</b>	<b>-</b>	<b>50'</b>	<b>NORTH</b>	<b>1120'</b>	<b>WEST</b>	<b>LEA</b>

<sup>12</sup> Dedicated Acres <b>480</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



<sup>17</sup>OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*[Signature]* **4/21/2022**  
Signature Date

**Gayle Foord**  
Printed Name  
**Gayle.Foord@Crockettops.com**  
E-mail Address

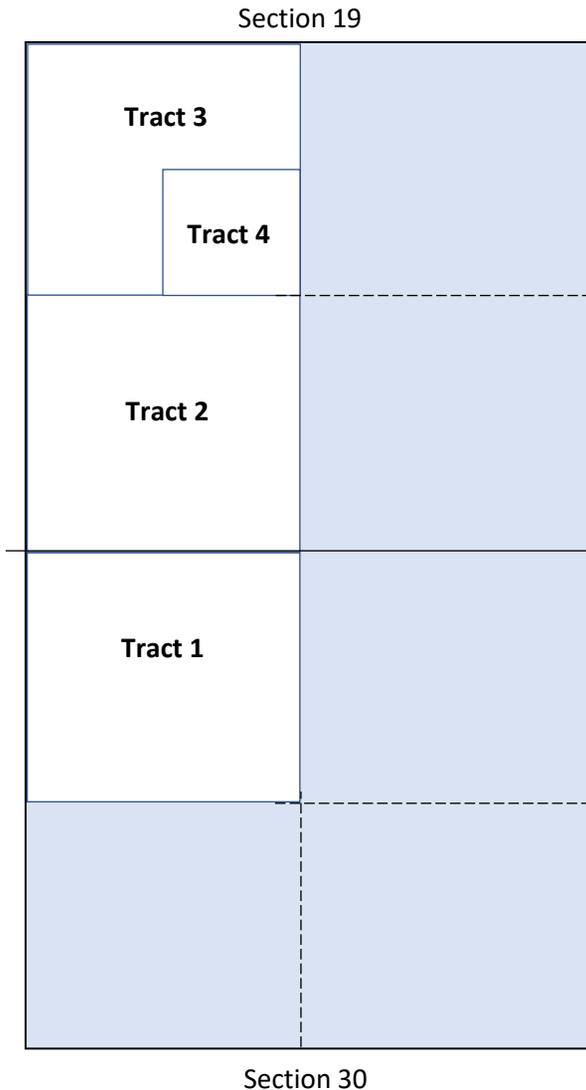
<sup>18</sup>SURVEYOR CERTIFICATION  
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true to the best of my belief.

**04/07/2022**  
Date of Survey  
*[Signature]*  
Signature and Seal of Professional Surveyor  
**MICHAEL B. DROWN**  
**NEW MEXICO**  
**18329**  
**PROFESSIONAL SURVEYOR**  
Certificate Number

**Exhibit**

**Section Plat**

Anakin 30-19 A Fee 1H well  
 NW/4 Section 30, T13S-R38E  
 N/2NW/4, SW/4NW/4, SE/4NW/4 and the SE/4 of Section 19  
 T13S-R38E, Lea County, NM



Tract 1: NW/4 of Section 30  
 Crockett Operating, LLC  
 Vader Exploration & Production, LLC  
 G.O. Basic Energy I, LLC  
 Terra Nova Energy, LP  
 Kennedy Minerals Ltd.  
 McCarthy O&G, LLC  
 G&M Oil, LLC  
 Eight Energy, Inc.  
 Tripp Exploration, Inc.  
 DRB Hard Rock Investments, LLC  
 First Roswell Company, Ltd.

**Jones-Walker Mineral Company**  
**Kalkman Habeck Company**  
**Ann M. Rymer**  
**Stephen Ray Keohane**  
**Elsa F. Altshool**  
**Beatrice W. Montano**  
**Virginia White McDorman**  
**Pauline Garrett**  
**Estate of David Collins Selby**  
**Estate of Florence M. Watkins**  
**Martha Green Quirk**  
**Gretchen Green Love**  
**Estate of C. Frank Meyer, et ux Alice**

Tract 2:SE/4 of Section 19  
 Crockett Operating, LLC  
 Vader Exploration & Production, LLC  
 G.O. Basic Energy I, LLC  
 Terra Nova Energy, LP  
 Kennedy Minerals Ltd.  
 McCarthy O&G, LLC  
 G&M Oil, LLC  
 Eight Energy, Inc.  
 Tripp Exploration, Inc.  
 DRB Hard Rock Investments, LLC

Tract 3: N/2NW/4, SW/4NW/4 of Section 19  
 Crockett Operating, LLC  
 Vader Exploration & Production, LLC  
 G.O. Basic Energy I, LLC  
 Terra Nova Energy, LP  
 Kennedy Minerals Ltd.  
 McCarthy O&G, LLC  
 G&M Oil, LLC  
 Eight Energy, Inc.  
 Tripp Exploration, Inc.  
 DRB Hard Rock Investments, LLC  
**Tami J. Gunset**  
**Anthony M. Jones**

Tract 4: SE/4NW/4 of Section 19  
 Crockett Operating, LLC  
 Vader Exploration & Production, LLC  
 G.O. Basic Energy I, LLC  
 Terra Nova Energy, LP  
 Kennedy Minerals Ltd.  
 McCarthy O&G, LLC  
 G&M Oil, LLC  
 Eight Energy, Inc.  
 Tripp Exploration, Inc.  
 DRB Hard Rock Investments, LLC

KEY: Red highlight are parties being pooled

DGHQTG'VJ G'QKN'EQPUGTXXCVIQP'FKKUKQP  
 Ucpw'Hg.'Pgy 'Ogzleq  
 Gzj kdkw'Pq0E/6  
 Uwdo lsvgf 'd{ <Etqengw'Qr gt cvlpi . 'NNE  
 J gct lpi 'F cvg<P qxgo dgt '5.'4244  
 Ecug'P q0452; 8

**Tract Ownership**  
 Anakin 30-19 A Fee 1H  
 NW/4 of Section 30, T13S-R38E, Lea County, NM  
 N/2NW/4, SW/4NW/4, SE/4NW/4 and the SE/4 of Section 19, T13S-R38E, Lea County, NM

<u>Owner</u>	<u>% of Leasehold Interest</u>
Crockett Operating, LLC (Operating Entity) 1101 N. Little School Rd. Arlington, TX 76017	0.00%
Vader Exploration & Production, LLC 1101 N. Little School Rd. Arlington, TX 76017	45.951819%
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710	41.262858%
Terra Nova Energy, LP 242 Spring Park Dr., Ste C Midland, TX 79705	2.327470%
Kennedy Minerals Ltd. 500 West Texas Ave, Ste 655 Midland, TX 79701	1.883910%
McCarthy O&G, LLC 24511 Carlton Springs Lane Katy, TX 77494	0.623932%
G&M Oil, LLC 5801 Highland Blvd Midland, TX 79707	0.527628%
Eight Energy, Inc. 303 W Wall St, Ste 1902 Midland, TX 79701	0.468896%
Tripp Exploration, Inc. P.O. Box 9622 Midland, TX 79708	0.468896%
DRB Hard Rock Investments, LLC 4535 Holly Bellaire, TX 77401	0.263814%
First Roswell Company, Ltd. P.O. Box 1797 Roswell, NM 88202	1.919935%
Jones-Walker Mineral Company (heir to Estate of Edwin L. Cox) P.O. Box 1169 Duncanville, OK 73534	1.185897%
Kalkman Habeck Company (heir to Estate of Edwin L. Cox) P.O. Box 1169 Duncanville, OK 73534	1.185897%
Ann M. Rymer 2780 Jerridee, #22D Dallas, TX 75229	0.160256%
Stephen Ray Keohane P.O. Box 761 Freeport, TX 77541	0.142974%
Elsa F. Altshool P.O. Box 118 Las Cruces, NM 88004	0.367647%
Beatrice W. Montano P.O. Box 364 Fence Lake, NM 87315	0.057190%
Virginia White McDorman 1941 Roanoke Drive Rio Rancho, NM 87144	0.057190%

Pauline Garrett 2581 Collin McKinney Parkway, Apt. 1901 McKinney, TX 75070	0.245098%
Estate of David Collins Selby 2963 Sundance Circle Las Cruces, NM 88001	0.061275%
Estate of Florence M. Watkins 999 South Telshor, #42 Las Cruces, NM 88011	0.245098%
Martha Green Quirk 821 Lakeway Dr El Paso, TX 79932	0.061275%
Gretchen Green Love 4101 Darwood Dr El Paso, TX 79902	0.061275%
Estate of C. Frank Meyer, et ux Alice 1141 Cima Linda Lane Santa Barbara, CA 93108	0.122549%
Tami J. Gunset 3103 CR 7520 Lubbock, TX 79423	0.173611%
Anthony M. Jones 333 Washington Blvd., #237 Mariana Del Rey, CA 90292	0.173611%
<b>Total</b>	<b>100.000000%</b>
<b>Total Interest of Crockett Oper./Vader E&amp;P and Partners:</b>	<b>93.779223%</b>
<b>Total Interest of Participating Mineral Interest Owners:</b>	<b>1.919935%</b>
<b>Total Interest of Interest Owners to be Compulsory Pooled:</b>	<b>4.300842%</b>
<b>Total:</b>	<b>100.000000%</b>

**OWNERSHIP BY TRACT****NW/4 of Section 30 (160 acres)**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Crockett Operating, LLC (Operating Entity) 1101 N. Little School Rd. Arlington, TX 76017	0.00%
Vader Exploration & Production, LLC 1101 N. Little School Rd. Arlington, TX 76017	40.3658742%
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710	36.2469074%
Terra Nova Energy, LP 242 Spring Park Dr., Ste C Midland, TX 79705	2.0445403%
Kennedy Minerals Ltd. 500 West Texas Ave, Ste 655 Midland, TX 79701	1.6549004%
McCarthy O&G, LLC 24511 Carlton Springs Lane Katy, TX 77494	0.5480862%
G&M Oil, LLC 5801 Highland Blvd Midland, TX 79707	0.4634888%
Eight Energy, Inc. 303 W Wall St, Ste 1902 Midland, TX 79701	0.4118967%
Tripp Exploration, Inc. P.O. Box 9622 Midland, TX 79708	0.4118967%
DRB Hard Rock Investments, LLC 4535 Holly Bellaire, TX 77401	0.2317444%
First Roswell Company, Ltd. P.O. Box 1797 Roswell, NM 88202	5.759804%
Jones-Walker Mineral Company (heir to Estate of Edwin L. Cox) P.O. Box 1169 Duncanville, OK 73534	3.557692%
Kalkman Habeck Company (heir to Estate of Edwin L. Cox) P.O. Box 1169 Duncanville, OK 73534	3.557692%
Ann M. Rymer 2780 Jerridee, #22D Dallas, TX 75229	0.480769%
Stephen Ray Keohane P.O. Box 761 Freeport, TX 77541	0.428922%
Elsa F. Altshool P.O. Box 118 Las Cruces, NM 88004	1.102941%
Beatrice W. Montano P.O. Box 364 Fence Lake, NM 87315	0.171569%
Virginia White McDorman 1941 Roanoke Drive Rio Rancho, NM 87144	0.171569%
Pauline Garrett 2581 Collin McKinney Parkway, Apt. 1901 McKinney, TX 75070	0.735294%

Estate of David Collins Selby 2963 Sundance Circle Las Cruces, NM 88001	0.183824%
Estate of Florence M. Watkins 999 South Telshor, #42 Las Cruces, NM 88011	0.735294%
Martha Green Quirk 821 Lakeway Dr El Paso, TX 79932	0.183824%
Gretchen Green Love 4101 Darwood Dr El Paso, TX 79902	0.183824%
Estate of C. Frank Meyer, et ux Alice 1141 Cima Linda Lane Santa Barbara, CA 93108	0.367647%
<b>Total</b>	<b>100.000000%</b>

N/2NW/4, SW/4NW/4 of Section 19 (120 acres)

<u>Owner</u>	<u>% of Leasehold Interest</u>
Crockett Operating, LLC (Operating Entity) 1101 N. Little School Rd. Arlington, TX 76017	0.00%
Vader Exploration & Production, LLC 1101 N. Little School Rd. Arlington, TX 76017	48.319445%
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710	43.388889%
Terra Nova Energy, LP 242 Spring Park Dr., Ste C Midland, TX 79705	2.447390%
Kennedy Minerals Ltd. 500 West Texas Ave, Ste 655 Midland, TX 79701	1.980977%
McCarthy O&G, LLC 24511 Carlton Springs Lane Katy, TX 77494	0.656079%
G&M Oil, LLC 5801 Highland Blvd Midland, TX 79707	0.554813%
Eight Energy, Inc. 303 W Wall St, Ste 1902 Midland, TX 79701	0.493056%
Tripp Exploration, Inc. P.O. Box 9622 Midland, TX 79708	0.493056%
DRB Hard Rock Investments, LLC 4535 Holly Bellaire, TX 77401	0.277407%
Tami J. Gunset 3103 CR 7520 Lubbock, TX 79423	0.694444%
Anthony M. Jones 333 Washington Blvd., #237 Mariana Del Rey, CA 90292	0.694444%
<b><u>Total</u></b>	<b><u>100.000000%</u></b>

SE/4NW/4 of Section 19 (40 acres)

<u>Owner</u>	<u>% of Leasehold Interest</u>
Crockett Operating, LLC (Operating Entity) 1101 N. Little School Rd. Arlington, TX 76017	0.00%
Vader Exploration & Production, LLC 1101 N. Little School Rd. Arlington, TX 76017	49.000000%
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710	44.000000%
Terra Nova Energy, LP 242 Spring Park Dr., Ste C Midland, TX 79705	2.481861%
Kennedy Minerals Ltd. 500 West Texas Ave, Ste 655 Midland, TX 79701	2.008878%
McCarthy O&G, LLC 24511 Carlton Springs Lane Katy, TX 77494	0.665320%
G&M Oil, LLC 5801 Highland Blvd Midland, TX 79707	0.562627%
Eight Energy, Inc. 303 W Wall St, Ste 1902 Midland, TX 79701	0.500000%
Tripp Exploration, Inc. P.O. Box 9622 Midland, TX 79708	0.500000%
DRB Hard Rock Investments, LLC 4535 Holly Bellaire, TX 77401	0.281314%
<b>Total</b>	<b>100.000000%</b>

**SW/4 of Section 19 (160 acres)**

<b>Owner</b>	<b>% of Leasehold Interest</b>
Crockett Operating, LLC (Operating Entity) 1101 N. Little School Rd. Arlington, TX 76017	0.00%
Vader Exploration & Production, LLC 1101 N. Little School Rd. Arlington, TX 76017	49.000000%
G.O. Basic Energy I, LLC P.O. Box 51451 Midland, TX 79710	44.000000%
Terra Nova Energy, LP 242 Spring Park Dr., Ste C Midland, TX 79705	2.481861%
Kennedy Minerals Ltd. 500 West Texas Ave, Ste 655 Midland, TX 79701	2.008878%
McCarthy O&G, LLC 24511 Carlton Springs Lane Katy, TX 77494	0.665320%
G&M Oil, LLC 5801 Highland Blvd Midland, TX 79707	0.562627%
Eight Energy, Inc. 303 W Wall St, Ste 1902 Midland, TX 79701	0.500000%
Tripp Exploration, Inc. P.O. Box 9622 Midland, TX 79708	0.500000%
DRB Hard Rock Investments, LLC 4535 Holly Bellaire, TX 77401	0.281314%
<b>Total</b>	<b>100.000000%</b>



August 24, 2022

**Via: U.S. Certified Mail-Return Receipt No. 7021-0950-0000-4968-2197**

Collins Walker Selby  
4512 Avenue C  
Austin, TX 78751

Re: Well Proposal and Election – Anakin 30-19 A Fee 1H  
Township 13 South, Range 38 East, N.M.P.M., Lea County, New Mexico

Dear Mineral Owner:

Crockett Operating, LLC ("Crockett") has drilled the Anakin 30-19 A Fee 1H Well at legal location in the SW/4 of Section 30, Township 13 South, Range 38 East, N.M.P.M., Lea County, New Mexico. The well has been drilled to total depth, but has not been completed at this time.

The surface hole location for the well is 2418' FSL & 970' FWL in Section 30, and a bottom hole location of 50' FNL & 1120' FWL in Section 19. The well has been drilled horizontally in the San Andres formation at a total vertical depth of 5,378' (at its deepest point).

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

Enclosed, in duplicate, is our detailed Authorization for Funds Expenditure (AFE) which sets forth the estimated costs associated with the well, as well as a copy of the surveys for the well and unit for your records. If you intend to participate, please indicate your election on this document and return to us along with one (1) executed original of the enclosed AFE, along with your contact information to receive well data, to the undersigned, in the enclosed return envelope within thirty (30) days of receipt of this proposal. Should you elect to participate, we will send you supplemental documentation, including an Operating Agreement to review. If you should elect to purchase your own well control insurance, you must provide a certificate of such insurance to Crockett; otherwise, you will be covered by insurance procured by Crockett and will be responsible for your share of the cost.

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. C-5  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096

Re: Well Proposal and Election – Anakin 30-19 A Fee 1H  
Township 13 South, Range 38 East, N.M.P.M., Lea County, New Mexico

In the event you do not wish to participate in drilling the Ackbar wells, Crockett will consider acquiring an Oil and Gas Lease of your mineral interests. Crockett’s offer is contingent upon final verification of your title and is based on the following general terms:

- i.) Bonus Consideration of \$750.00 per net mineral acre delivered;
- ii.) 25.00% Royalty;
- iii.) Primary term of Three (3) years with 180-day continuous development thereafter

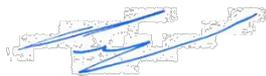
Our records indicate that you currently own 0.098039 net acres, or 0.020425% in the Anakin 30-19 A Fee Unit.

Please call the undersigned at (210) 710-9468 with any questions or comments.

Respectfully Submitted,

**Crockett Operating, LLC**

encl



Percy Engineer  
Land Manager

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**ELECTION TO PARTICIPATE**  
**Anakin 30-19 A Fee 1H well**

\_\_\_\_\_ Elect **TO** participate in drilling and completing the Proposed Well and **TO** participate in Operator’s Control of Well Insurance.

\_\_\_\_\_ Elect **TO** participate in drilling and completing the Proposed Well and **NOT TO** participate in Operator’s Control of Well Insurance.

\_\_\_\_\_ Elect **NOT TO** participate in drilling and completing the Proposed Well.

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title (if applicable): \_\_\_\_\_

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

 <b>Alamo Borden County</b> ESTIMATED WELL COSTS							
Lease Name	Well Name	Sec-Twp-Rng	Surface Location		County	Prospect	Date
Vader	Anakin 30-19 A Fee 1H		TBA		Lea County, NM		8/2/2020
BPO Gross Working Interest		BPO Net Revenue Interest		Formation		AFE#	Drilling Engineer
100.00%		75.00%		San Andres		22DR02	
Depth (MD)	Depth (TVD)	Days - Drill	Days - Complete	Drill AFE	Completion AFE	Facility AFE	Drilling Rig
		20	6	\$1,955,395	\$2,612,752	\$626,500	Latshaw 5
			Accounting Code	Drilling	Completion	Facility	Total
Drilling-Footage			9200				
Drilling-Daywork			9202	\$308,440			\$308,440
Drilling-Turnkey			9203				
Drilling-Directional			9204	\$154,363			\$154,363
Surveys/Permits/Bonds - Drilling			9207	\$25,000			\$25,000
Cementing & Pumping Services			9208	\$121,500			\$121,500
Mud/Chemicals/Fluids/Water			9209	\$62,500	\$310,000		\$372,500
Roads/Location Prep & Cleanup - Drilling			9211	\$129,500			\$129,500
Equipment & Tool Rental			9212	\$88,464	\$185,000		\$273,464
Stimulation-Fracturing			9213		\$1,200,000		\$1,200,000
Stimulation-Acidizing			9214				
Hauling/Trucking/Hot Shot			9215	\$40,000	\$20,000		\$60,000
Coring & Analysis			9216				
Inspection/Testing			9217	\$8,000			\$8,000
Special Well Services (Casing Crews, etc)			9218	\$51,000			\$51,000
Drill Bits/Scrapers/Etc			9219	\$54,500	\$3,500		\$58,000
Contract Services, Supplies & Equipment			9221	\$1,500			\$1,500
Contract Labor - Wellsite Supervision			9222	\$23,800	\$30,000		\$53,800
Fuel & Power			9223	\$119,000	\$360,000		\$479,000
Perforating			9225		\$62,000		\$62,000
Slick Line/Swabbing			9226				
Flow Testing			9227				
Open Hole Logging			9229	\$18,300			\$18,300
Environmental & Safety			9230				
Completion Unit			9233		\$50,000		\$50,000
Cased Hole Logging			9234				
Mobilization (Rig Moves)			9236	\$45,000	\$30,000		\$75,000
Coiled Tubing Unit			9243				
Fishing Equipment & Svcs			9244				
Gravel Packing (Installation & Services)			9247				
Communications			9253				
Fresh Water			9260	\$15,000			\$15,000
ROW/Easement/Damages - Drilling			9262				
Admin Overhead			9264	\$12,000			\$12,000
Frac Water Hauling			9266				
Miscellaneous Costs & Contingencies			9299				
Casing			9402	\$652,028	\$7,752		\$659,780
Tubing & Accessories			9403		\$55,000		\$55,000
Wellhead Equipment			9404	\$6,500	\$14,500		\$21,000
Pumping Unit			9405				
Downhole Pump			9406		\$245,000		\$245,000
Production Surface Equipment			9407			\$270,000	\$270,000
Compressor			9412				
Float Equipment & Other Downhole			9413	\$19,000	\$40,000		\$59,000
Meters/Meter Runs			9414			\$22,000	\$22,000
Gas Lift Valves & Equipment			9415				
Pipe, Nipples, Chokes, Valves, & Gauges			9416			\$137,500	\$137,500
Engines/Motors/Pumps			9417				
Gravel Pack Screens & Equip			9420				
Rods & Rod Guides			9421				
NGL Processing Equipment			9423				
Gathering/Mainline Pipeline			9424				
Electrical Material - Well Site			9425				
Power Line Grid Labor			9426				
Power Line Grid Materials			9427				
Facility Installation Labor			9449			\$192,000	\$192,000
Gathering Line Installation			9450			\$5,000	\$5,000
Meters & Control Devices - Labor			9460				
Electrical Labor - Well Site			9461				
ROW/Easement/Damages - Facility			9462				
Surveys/Permits/Bonds - Facility			9463				
Miscellaneous			9490				
			<b>Total</b>	<b>Intangible</b>	<b>\$1,277,867</b>	<b>\$2,250,500</b>	<b>\$3,528,367</b>
			<b>Total</b>	<b>Tangible</b>	<b>\$677,528</b>	<b>\$362,252</b>	<b>\$1,666,280</b>
			<b>Total</b>		<b>\$1,955,395</b>	<b>\$2,612,752</b>	<b>\$5,194,647</b>

**Approvals:**

By: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Partner

**Mineral Owner:**

By: \_\_\_\_\_ By: \_\_\_\_\_  
 Title: \_\_\_\_\_ Title: \_\_\_\_\_  
 Date: \_\_\_\_\_ Date: \_\_\_\_\_

Summary of Contacts (Uncommitted Interest Owners)

NW/4 of Section 30, Township 13 South, Range 38 East	Notes
Jones-Walker Mineral Company (heir of Estate of Edwin L. Cox)	<ol style="list-style-type: none"> <li>1. Sent an initial Request for Lease (RQL) to the Estate of Edwin L. Cox on 4/4/2022 to the address listed on previous deeds (last known address).</li> <li>2. On 4/4/2022, we were contacted by Carolyn Hill from the Jones-Walker Mineral Company, stating that the Jones-Walker Mineral Company and Kalkman Habeck Company were the heirs/successors of Edwin L. Cox. They indicated that they didn't want to lease or participate until closer to a drilling date. We also requested any documentation or information on the Estate of Edwin L. Cox to reflect the succession of title. No response.</li> <li>3. Multiple attempts were made to contact via phone in April 2022, and follow-up attempts were made between May 2022 to present. No return calls were received.</li> <li>4. On 8/24/2022 we mailed out the election letter packets with option to lease, to the address listed on previous deeds (good address for the estate and for Jones-Walker Mineral Company and Kalkman Habeck Company).</li> <li>5. We were contacted again by Carolyn Hill on 9/16/2022, after they received the election letter and she requested us to email her another Request for Lease (RQL) to start discussing terms; sent same day.</li> <li>6. Contacted for via email for a status update on 9/22/2022; she called me back on 9/23/2022 and said she never received the email, sent email again. No reply from her.</li> <li>6. Attempted to follow up multiple times after 9/23/2022 but no response.</li> <li>7. On 10/26/2022, we made contact with the operator at the company (wouldn't give us a name) and they stated that Carolyn no longer worked there and they were unfamiliar with our lease/participating efforts. Sent her an email with the information for leasing or participating. We were told they will review.</li> <li>8. Attempted follow-up on 10/28/2022. Spoke with same operator and she said it would go to a Kevin (no last name was given) and he will review next week. Will follow up Monday, 10/31/2022.</li> <li>9. We will continue efforts to obtain a voluntary agreement.</li> </ol>
Kalkman Habeck Company (heir of Estate of Edwin L. Cox)	<ol style="list-style-type: none"> <li>1. I sent an initial Request for Lease (RQL) on 4/5/2022 to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in April 2022, and follow-up attempts were made between May, 2022 to present.</li> <li>3. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>4. I contacted Mark Habeck, at 580-223-8121, on 9/16/2022, and Mark stated that he wanted me to email him a Request for Lease (RQL) to khcminerals@gmail.com, which I emailed him.</li> <li>5. I spoke to Mark again on 9/20/2022; he said he was interested in leasing, but needed more time to consider the offer and wanted to know more about this hearing notice so he could determine how to proceed.</li> <li>6. We will continue efforts to obtain a voluntary agreement.</li> </ol>
Ann M. Rymer	<ol style="list-style-type: none"> <li>1. Sent an initial Request for Lease (RQL) on 8/5/2021 to the last known address found of record, per Oil and Gas Lease, dated June 11, 1985; with no reply.</li> <li>2. We then sent subsequent RQL's to all possible alternative addresses found from the following sources: www.whitepages.com, www.accurint.com (LexisNexis), and www.mineralholders.com. No reply.</li> <li>3. Multiple attempts were made to contact via phone in August 2021, and follow-up attempts were made between May, 2022 to present. Phone numbers do not appear to be current as listed using Accurint searched and whitepages.com.</li> <li>4. Additional research using ancestry.com and online research indicates that the owner may be deceased as of 11/1988. No probate has been located. No apparent heirs have been discovered.</li> <li>5. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>6. Additional research indicates Ann M. Rymer was a party to a Stipulation of Interest, dated 9/12/86, with E.P. Childers. I contacted E.P. Childers granddaughter, Steph Gore, at 214-978-7410 on 9/23/2022, stating that she would get with her mother and get back to me as soon as possible.</li> <li>7. No answer to multiple follow-up calls since 9/23/2022 to present.</li> <li>8. We will continue to pursue and locate additional family members to determine the heirs of this interest and obtain a voluntary agreement.</li> </ol>
Stephen Ray Keohane	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/15/2021, to the last known address found of record, per Trustee's Deed, dated February 25, 1985; no reply. Sent subsequent RQL's to all possible alternative addresses found from the following sources: www.whitepages.com, www.accurint.com (LexisNexis), and www.mineralholders.com. No replies.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made again between May, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. Attempted to make contact with Ronald Glenn Keohane (party we have leased), Lisa Turner, &amp; Sandra Ray Keohane with multiple numbers, whom appear to be relatives, to gather any additional information. No success.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>5. On 10/11/2022, emailed Ronald Keohane, to check if he was successful obtaining contact information for Stephen Ray Keohane. No reply.</li> <li>6. It appears that Stephen Ray Keohane is unable to be contacted, even by the relatives we have contacted. Last known documentation he signed in Lea County was in 1985.</li> <li>7. We will continue to pursue contact to attempt to lease this interest.</li> </ol>
Elsa F. Altshool	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/15/2021, to the last known address found of record, per Oil and Gas Lease, dated June 22, 1987; no reply. I then sent subsequent RQL's to all possible alternative addresses found from the following sources: www.whitepages.com, www.accurint.com (LexisNexis), and www.mineralholders.com. I did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between May, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. I have attempted to make contact with Ronald Glenn Keohane (party we have leased), Lisa Turner, &amp; Sandra Ray Keohane with multiple numbers, whom we believe to be relatives, to gather any additional information. No success getting information on Elsa Altshool.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds. No response.</li> <li>5. On 10/11/2022 I emailed Ronald Keohane at r_keohane@yahoo.com, to see if he has any contact information for Elsa Altshool.; no response.</li> <li>6. We will continue to pursue contact to attempt to lease this interest.</li> </ol>
Beatrice W. Montano	<ol style="list-style-type: none"> <li>1. Sent an initial Request for Lease (RQL) on 4/11/2022 to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in April 2022, and follow-up attempts were made between May, 2022 to present.</li> <li>3. Contacted Beatrice W. Montano at 505-788-2268, on 7/27/2022, she stated that she doesn't email and wants the Request for Lease (RQL), Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL), &amp; W9 mailed to the address listed on previous deeds. Mailed packet out same day. Did not receive a reply.</li> <li>4. We have made multiple follow-up calls since 8/4/2022 to the current date to reach Beatrice W. Montano, but she has not returned any phone calls.</li> <li>5. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>6. On 9/9/2022 I left a detailed voice mail explaining the situation of upcoming hearing, and offered larger bonus if that would help expedite the process to lease. No response.</li> <li>7. No answer to multiple follow-up calls since 9/9/2022 to present.</li> <li>8. We will continue to pursue contact to attempt to lease this interest.</li> </ol>

**BEFORE THE OIL CONSERVATION DIVISION**  
**Santa Fe, New Mexico**  
**Exhibit No. C-6**  
**Submitted by: Crockett Operating, LLC**  
**Hearing Date: November 3, 2022**  
**Case No. 23096**

Virginia White McDorman	<ol style="list-style-type: none"> <li>1. Sent an initial Request for Lease (RQL) on 4/11/2022 to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in April 2022, and follow-up attempts were made between May, 2022 to present.</li> <li>3. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>4. We contacted Jackie Salinas, POA for Virginia McDorman on 9/9/2022; she stated that she wanted the Request for Lease (RQL), Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL), &amp; W9 emailed to jackie@advantageacct.com. Email sent.</li> <li>5. We spoke to Jackie again on 9/13/2022; she agreed to \$1,000/Acre, 1/4 Royalty, 3+2yr Term, but wanted to review the Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL).</li> <li>6. We left a message for a status update on 9/21/2022. On 9/26/2022, Jackie confirmed that we should be receiving this in the mail anytime now since she put it in the mail on 9/22/2022.</li> <li>7. As of 10/28/2022, we have not received any lease documents from her.</li> <li>8. No answer to multiple follow-up calls since 9/22/2022 to present.</li> <li>9. We will continue to receive her lease documents, and while we stated she will lease and agreed to terms, we do not know if she will complete the process.</li> </ol>
Pauline Garrett	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/19/2021, to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between June, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>4. I hired a private investigator on 9/1/2022; on 9/3/2022, the private investigator emailed me an updated address and some family members who could help get in contact with Pauline.</li> <li>5. I mailed the initial Request for Lease (RQL) on 9/5/2022, to 2581 Collin McKinney Pkwy Unit 1901, McKinney, TX 75070, which appears to be the most current address. Did not receive a reply.</li> <li>6. Multiple phone numbers have been called between 9/5/2022 to current date to reach Pauline Garrett, Daniel Garret (Ex-Husband), and Marlina Garrett (Daughter).</li> <li>7. I spoke to Pauline Garrett, on 10/13/2022, and she informed me that she is not sure that she still owns this interest and would like a source deed. I emailed this to Mason.</li> <li>8. On 10/24/2022, I received the source deed; I left Pauline a voice mail, and am waiting for a call back.</li> <li>9. I will continue to pursue contact to attempt to lease this interest.</li> </ol>
Estate of David Collins Selby	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/14/2021, to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between May, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. Additional research using ancestry.com and online research indicates that the owner may be deceased as of 2/2015. No probate has been located. No apparent heirs have been found.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>5. We hired a private investigator on 8/31/2022; on 9/2/2022, the private investigator couldn't find any direct heirs but emailed me some family members who could help get in contact with the heirs of David Selby.</li> <li>6. Multiple phone numbers have been called between 9/5/2022 to the current date to reach Nan Rowell (Niece), Cynthia Govett (Niece), and Thomas Rowell (Nephew).</li> <li>7. We spoke to Cindy (Cynthia Govett), on 10/13/2022, she informed me she doesn't have much information on the estate, and said her uncle might; she gave me Galloway Selby, Jr's number and we left several messages.</li> <li>8. No answer to multiple follow-up calls since 10/13/2022 to present.</li> <li>9. I will continue to pursue contact to attempt to lease this interest.</li> </ol>
Estate of Florence M. Watkins	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 2/4/2021, to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in February 2021, and follow-up attempts were made between June, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. Additional research using ancestry.com and online research indicates that the owner may be deceased as of 1/1990. No probate has been located. No apparent heirs have been found.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>5. We hired a private investigator on 8/29/2022; on 8/30/2022, the private investigator found that Martha Green Quirk was Florence Watkins's daughter.</li> <li>6. Multiple phone numbers have been called between 8/31/2022 to the current date to reach Martha Green Quirk.</li> <li>7. I spoke to Michelle King (possibly a trustee of a Martha Green Quirk Trust we found in Texas), on 9/30/2022, she is interested in leasing, but has no idea what any of it means and would like to know if this would cost her any money, and she informed me that she would have more questions about this. I emailed her the Request for Lease to her email.</li> <li>8. On 10/14/2022, we emailed her answers to her current questions.</li> <li>9. No answer to multiple follow-up calls since 10/14/2022 to present.</li> <li>10. We will require curative to determine the proper heirship of the estate. We will continue to make efforts to get this interest leased.</li> </ol>
Martha Green Quirk	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 8/18/2021, to the last known address found of record, per Assignment, dated August 3, 2021. I did not receive a reply. I then sent subsequent RQL's to all possible alternative addresses found from the following sources: www.whitepages.com, www.accurint.com (LexisNexis), and www.mineralholders.com. No Reply</li> <li>2. Multiple attempts were made to contact via phone in August 2021, and follow-up attempts were made between June, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. Additional research found Jennifer McLaughlin (Daughter) and Abraham McLaughlin (Son-In-Law) to be relatives of Martha Quirk.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>5. Multiple phone numbers have been called between 8/31/2022 to the current date to reach Martha Green Quirk, McLaughlin (Daughter), and Abraham McLaughlin (Son-In-Law).</li> <li>6. We will continue to pursue contact to attempt to lease this interest and locate additional family members of this interest. We will also attempt to resolve if she is the actual heir to the Estate of Florence M. Watkins above.</li> </ol>
Gretchen Green Love	<ol style="list-style-type: none"> <li>1. We contacted Gretchen Green Love via phone, on 4/12/22, and Gretchen stated that she wanted the Request for Lease (RQL), Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL), &amp; W9 emailed to her.</li> <li>2. On 4/26/2022, she stated that she was still going over the lease and would get back to us when she was done reviewing.</li> <li>3. No answer to multiple follow-ups, as of 5/2/2022 to present.</li> <li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>5. No answer to multiple follow-ups, as of 8/24/2022 to present.</li> <li>6. We will continue to pursue leasing this interest.</li> </ol>

<p>Estate of C. Frank Meyer, et ux Alice</p>	<ol style="list-style-type: none"><li>1. Sent initial Request for Lease (RQL) on 1/14/2021, to the last known address found of record, per Oil and Gas Lease, dated July 31, 1987. I did not receive a reply. We then sent subsequent RQL's to all possible alternative addresses found from the following sources: www.whitepages.com, www.accurint.com (LexisNexis), and www.mineralholders.com. I did not receive a reply.</li><li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between May, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li><li>3. Additional research using ancestry.com and online research indicates that owner may be deceased as of 10/2004. No probate has been located. No apparent heirs have been located.</li><li>4. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li><li>5. I hired a private investigator on 8/30/2022; on 9/1/2022, the private investigator found that Charles Richard Meyer (Son), Christopher Meyer(Son), Donald Meyer (Son), and Joshua and Erin Meyer (Son &amp; Wife) are relatives to C. Frank Meyer.</li><li>6. Multiple letters have been mailed and phone numbers have been called between 9/2/2022 to the current date to reach Charles Richard Meyer (Son), Christopher Meyer(Son), Donald Meyer (Son), and Joshua and Erin Meyer (Son &amp; Wife). To date, all parties have been unresponsive</li><li>7. We will continue to pursue contact to attempt to lease this interest.</li></ol>
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N/2NW/4, SW/4NW/4 of Section 19, Township 13 South, Range 38 East	Notes
Tami J. Gunset	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/12/2021, to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between January, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. We spoke to Tami T. Gunset on 4/12/2022, and she stated that she wanted the Request for Lease (RQL), Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL), &amp; W9 emailed to her. She also, agreed to the terms that were offered.</li> <li>4. On 4/21/2022, Amanda Chisholm (Attorney) emailed me saying she would be reviewing the lease form and would get back to me with the redlined changes.</li> <li>5. No answer to multiple follow-up calls from 4/21/2022 to present.</li> <li>6. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>7. On 10/24/2022, Amanda Chisholm informed us that that Tami passed away and she no longer works for the family.</li> <li>8. We will continue to pursue contact to heirs to attempt to lease this interest.</li> </ol>
Anthony M. Jones	<ol style="list-style-type: none"> <li>1. Sent initial Request for Lease (RQL) on 1/12/2021, to the address listed on previous deeds. Did not receive a reply.</li> <li>2. Multiple attempts were made to contact via phone in January 2021, and follow-up attempts were made between January, 2022 to present. Phone numbers do not appear to be correct or current as listed using Accurint searched and whitepages.com.</li> <li>3. I spoke to Anthony M. Jones on 4/12/2022, and he stated that she wanted the Request for Lease (RQL), Memorandum of Oil and Gas Lease (Memo), Oil and Gas Lease (OGL), &amp; W9 emailed to him. He also, agreed to the terms that were offered.</li> <li>4. No answer to multiple follow-up calls from 4/12/2022 to present.</li> <li>5. On 5/11/2022, Anthony emailed inquiring if he could still lease; we informed him he can still sign the lease.</li> <li>6. On 5/13/2022, Anthony said he would do the same as Tami Gunset (above).</li> <li>7. No answer to multiple follow-up calls from 5/13/2022 to present.</li> <li>6. On 8/24/2022 we mailed out the election letter packets to the address listed on previous deeds.</li> <li>7. On 10/24/2022, Amanda Chisolm (attorney for Tami J. Gunset above) informed us that that Tami passed away and she no longer works for the family; I left a message for Anthony regarding his and Tami's interest. No response.</li> <li>8. We will continue to pursue contact to heirs to attempt to lease this interest.</li> </ol>

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

APPLICATION OF CROCKETT  
OPERATING, LLC FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO.

CASE NO. 23096

SELF-AFFIRMED STATEMENT ZACHARY B. KALER

1. My name is Zachary B. Kaler. I work for Crockett Operating, LLC (“Crockett”) as a Geologist.
2. I have not previously testified before the New Mexico Oil Conservation Division (“Division”) as an expert witness in petroleum land matters. I have included a copy of my resume as **Exhibit D-1** for the Division to review and respectfully request that my credentials be accepted as a matter of record, and I be tendered as an expert in geology matters.
3. I am familiar with the application filed by Crockett in this case, and I have conducted a geologic study of the lands in the subject area.
4. Crockett is targeting the San Andres formation in this case.
5. **Crockett Exhibit D-2** is a locator map. It shows Crockett’s acreage in yellow and the path of the proposed wellbores, with the surface hole and bottom hole locations, as well as the outline of the proposed spacing unit.
6. **Crockett Exhibit D-3** is a subsea structure map that I prepared for the ‘PI marker’ within the San Andres formation, with a contour interval of 25 feet. The structure map shows a gentle anticline in the San Andres over the proposed spacing unit with approximately 25 feet of structural relief. The San Andres structure appears consistent across the proposed wellbore paths.

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. D  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096

I do not observe any faulting, pinchouts, or other geologic impediments to horizontally drilling of the San Andres formation in the proposed spacing unit.

7. **Crockett Exhibit D-4** shows a line of cross-section in blue consisting of wells penetrating the San Andres formation that I used to construct a stratigraphic cross-section from A to A'. I consider these wells to be representative of the geology in the area.

8. **Crockett Exhibit D-5** is a stratigraphic cross-section that I prepared displaying open-hole logs run over the San Andres from representative wells denoted from A to A'. For each well in the cross-section, the exhibit shows the following logs: gamma ray, porosity, and resistivity. The proposed target interval is labeled and marked. The logs in the cross-section demonstrate that the target interval is continuous and consistent in thickness across the entire spacing unit.

9. In my opinion, standup orientation of the proposed well is the preferred orientation for horizontal well development in this area and is appropriate to develop the subject acreage efficiently and effectively.

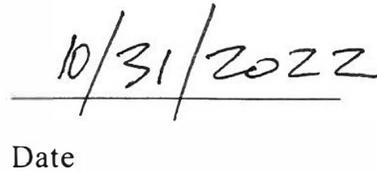
10. Based on my geologic study, the San Andres formation underlying the subject area is suitable for development by horizontal wells and the acreage comprising the proposed spacing unit will contribute more-or-less equally to the production from the wellbores. I have not identified any geologic impediments to drilling horizontal wells in the area of the spacing unit proposed.

11. In my opinion, horizontal drilling will be the most efficient method to develop this acreage, to prevent the drilling of unnecessary wells, and to result in the greatest ultimate recovery, and that approving Crockett's application will be in the best interest of conservation, the prevention of waste, and protection of correlative rights.

12. **Crockett Exhibits D-1 through D-5** were either prepared by me or compiled under my direction and supervision.

13. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

  
NAME

  
Date

# Zachary Kaler

512.826.3557  
zkaler@oestgeo.com

## Objective

Competent, loyal, and hard-working geologist seeking contracted or full-time employment. Experienced in all stages of oil and gas exploration; from prospecting to asset evaluation, planning, permitting, initial testing, optimization, development, and divesture. Experience in the geologic review, delineation, generation, modeling, and permitting of carbon sequestration sites and opportunities.

## Professional Experience

### OESTE GEOLOGICAL

President & Senior Geologist

AUSTIN, TX

August 2020-Present

- Contracted geologist in Midland Basin for Crockett Operating
  - Borden County: Bench identification, mapping of various gross and net parameters, location selection, target optimization, pre-drill ops, geosteering, post-drill review and optimization. Presented review of project geology to HighPeak Energy (HPK) who purchased asset in 2022. Covered transfer of geologic data to HPK, including geosteering database and self-maintained Petra project.
  - Howard and Borden Counties: Acreage and asset review for potential well participation and various A&D opportunities; *recommended to pass on deals due to apparent risks of particular locations.*
- Contracted geologist on Northwestern Shelf for Crockett Operating
  - Lea County, NM: Acreage and asset review, pre-drill ops, and operations. Preparation of geology ops, pilot open-hole logging, rotary sidewall coring, subsequent analysis, and interpretation of results to improve regional interpretations for future locations. *Project ongoing.*
- Various contracted geology projects for Lonquist & Co
  - Assisting in numerous projects covering regions of South Texas, West Texas, Louisiana, New Mexico, Colorado, and Wyoming. *Projects ongoing.*
  - Primary responsibilities include: geologic evaluation of potential carbon sequestration sites, company representation and geologic modeling of carbon sequestration projects, write-ups of geologic character for technical permit applications, and review of non-op oil and gas opportunities.

### ATX ENERGY PARTNERS

Senior Geologist

AUSTIN, TX

March 2017-March 2020

- Part of multi-disciplinary team focused on locating opportunity and evaluating deals within the Permian, Powder River, and DJ Basins. Mapped entire basins and worked with team to build regional models. Typical evaluation consisted of:
  - Identifying flow units within stacked pay intervals.
  - Geologic mapping of structure, gross pay, net pay, thermal maturity, BHT, GOR, carbonate content, percent clay, etc. Refined net pay cutoffs to reflect offset production and tie geology to engineering.
  - Collaborated with petrophysicist to iron out parameters and generate accurate OOIP values.
  - Modeled well spacing with reservoir engineers by identifying landing zones and building gun barrel diagrams to evaluate parent-child relationships and designate proper spacing.
  - Contributed to slides and overall review of specific projects to management and board.
  - Worked a multitude of formations in numerous basins but primary responsibilities were Wolfcamp, Bone Spring, and Niobrara.

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico

Exhibit No. D-1

Submitted by: Crockett Operating, LLC

Hearing Date: November 3, 2022

Case No. 23096

- Previously mentioned work led to evaluation and acquisition of Black Hills Exploration 45,000 acre position in the Powder River Basin and ATX built position up to 125,000 net acres. PRB contributions include but not limited to:
  - Principal geologist of detailed regional Niobrara mapping.
  - Investigated Niobrara landing zones, development strategies, completions techniques and difficulties in order to help refine model and changes to future well design.
  - Worked with contractors, Wyoming Oil and Gas Conservation Commission, and internal team to efficiently permit Niobrara well locations as needed based on mapping. Attended examiner hearing and protests as representative of ATX.
  - On site for open-hole logging and coring operations.
- Powder River Basin position meant to be one asset in larger ATX portfolio. Evaluations continued thereafter, seeking lower risk core opportunities within the Midland and Delaware Basins. Instrumental in review and mapping of numerous projects due to extensive Permian Basin experience.

## **BRIGHAM RESOURCES**

*Associate Geologist*

**AUSTIN, TX**

*June 2012-March 2017*

- Assisted Geologic Manager and VP of Exploration in evaluation of deals across numerous basins with an emphasis on the Permian Basin. Worked early-time Midland and Martin County Wolfcamp play, keeping track of horizontal activity and offset land tracts. Assisted in initial Southern Delaware prospecting that led to basin entry and eventual 72,000 net acre position that later sold to Diamondback Energy.
- Southern Delaware Basin Wolfcamp Development:
  - Assisted in strategic determination of pilot hole locations.
  - Constructed geo-prognosis, recommended logging suites, and assisted in well planning.
  - Daily contact with mudloggers and on site for open-hole logging.
  - Assisted with horizontal locations based on geology and lease obligations to effectively prove up position.
  - Full time in office and shared geosteering responsibilities with a peak of three rigs.
  - Responsible for landing zone selection and adjustments for optimization.
- Bone Spring Mapping and Development:
  - Identified three prospective intervals within the Bone Spring formation based on positive DSTs, IP tests, and vertical Wolfbone production.
  - Mapped individual benches with guidance from Geologic Manager using net pay cutoffs of porosity and resistivity. CMR logs also utilized for technical look into pore system often overlooked by conventional logging.
  - Cored prospective benches in subsequent pilot well to enhance geologic understanding.
  - Tested several wells across the three benches, two benches with continued development by Diamondback, Patriot, Apache, Oxy, J Cleo, Parsley, Jagged Peak, and XTO.
- Assisted in sale of assets to Diamondback Energy for \$2.55B:
  - Contributed maps and assisted in slide preparation for Jefferies and Brigham Management presentation.
  - Helped construct geologic portion of Virtual Data Room.
  - Jefferies' contact for geologic data inquiries.

## **STALKER ENERGY**

*Geologist/Geotech*

**AUSTIN, TX**

*August 2011-May 2012*

- Entry level position assisting geologists and geophysicist:
  - Slide and montage preparation for NAPE and private showings.
  - Introduced to Kingdom software equipped with full 3D shoot.

- Updated activity in Kingdom by use of Tobin (Dwights), Drilling Info., and RRC.
- Assisted in picking net pay from physical well logs.
- Mapped 3-way closure Wilcox prospect in Duval County, Texas with structure and isopach maps.
- On site for open-hole logging and coring operations of the Marble Falls formation, Fort Worth Basin.

## Education

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### UNIVERSITY OF MISSISSIPPI

OXFORD, MS

*Bachelor of Science in Geology*

*May 2011*

- o Related Course Work: GIS, Mineralogy, Petrology, Geophysics, Oceanography, Sedimentology and Stratigraphy, Economic Geology, Hydrogeology, Environmental Geology, Geomorphology, Structural Geology, Geological Engineering Field Methods, Geology Field Camp in Black Hills, Petroleum Geology, Advanced Petroleum Geology.

## Computer Skills

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Expert user of PETRA suite and BHL Boresight Geosteering software. Proficient in Starsteer, Enverus, Spotfire, Kingdom, ArcGIS, and Microsoft Office suite. Also, very familiar with Railroad Commission (RRC), University Lands (UL), Wyoming Oil and Gas Conservation Commission (WOGCC), and Colorado Oil and Gas Conservation Commission (COGCC) state sites.

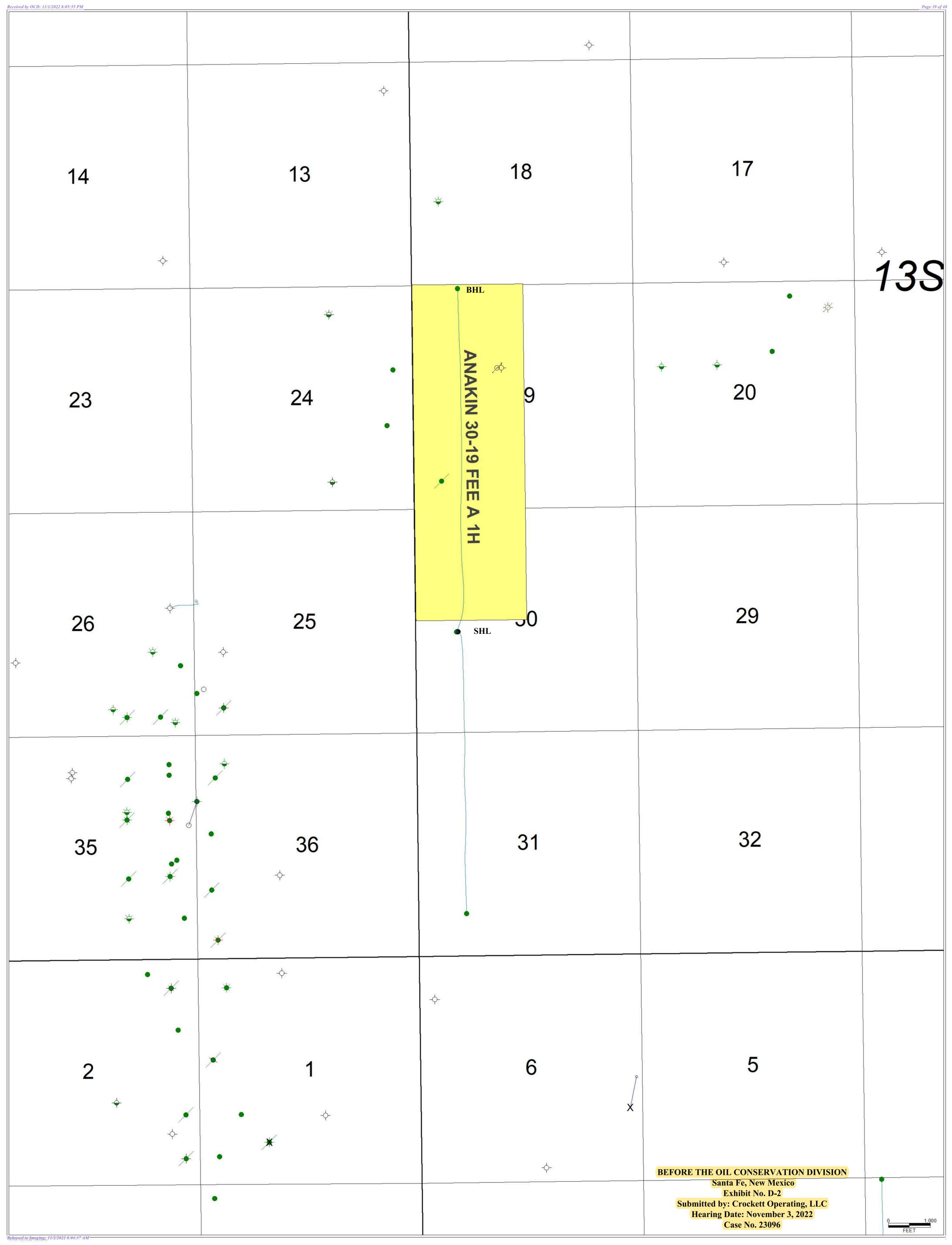
## Organizations

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American Association of Petroleum Geologists

West Texas Geological Society

Rocky Mountain Association of Geologists



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BEFORE THE OIL CONSERVATION DIVISION

Santa Fe, New Mexico

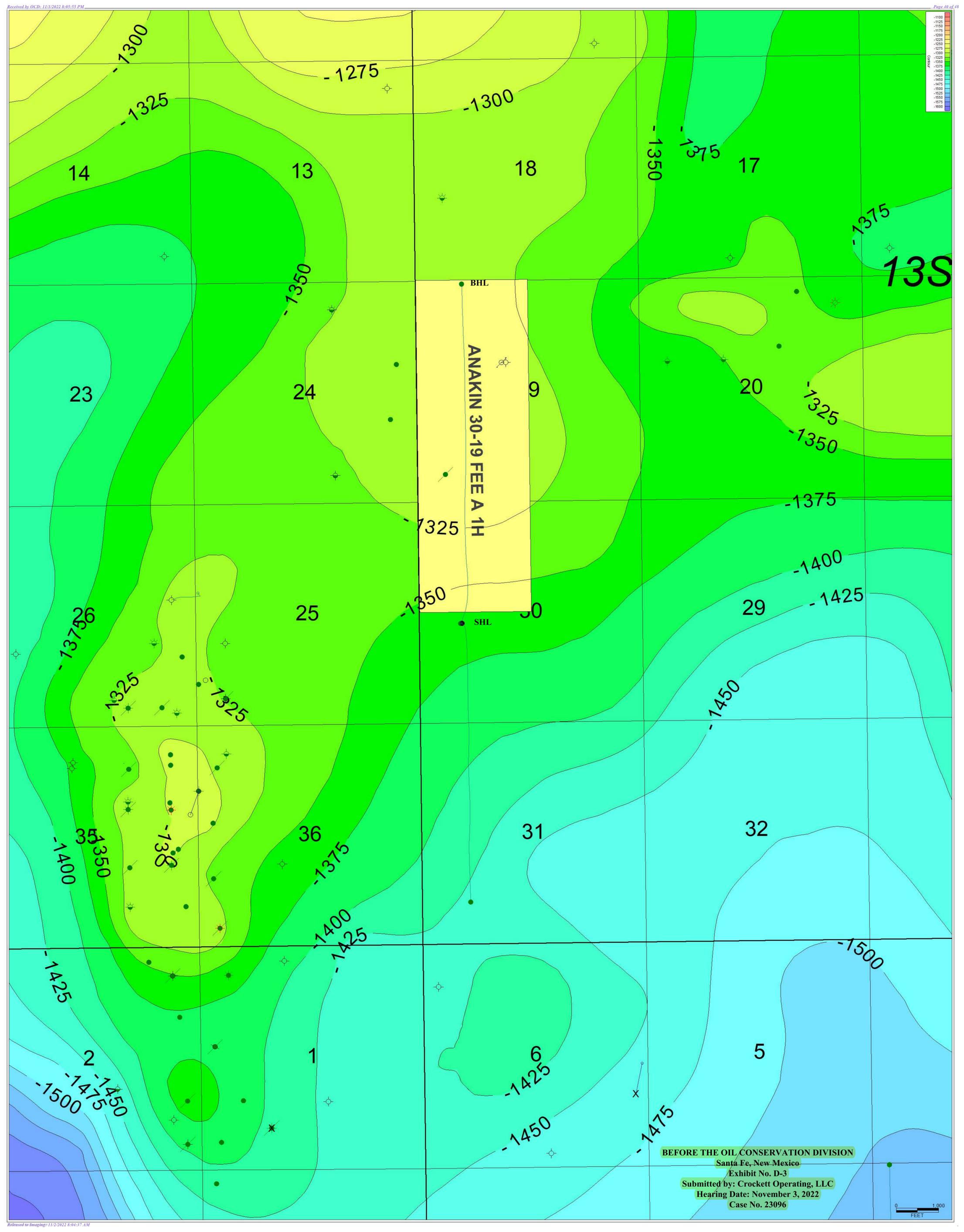
Exhibit No. D-2

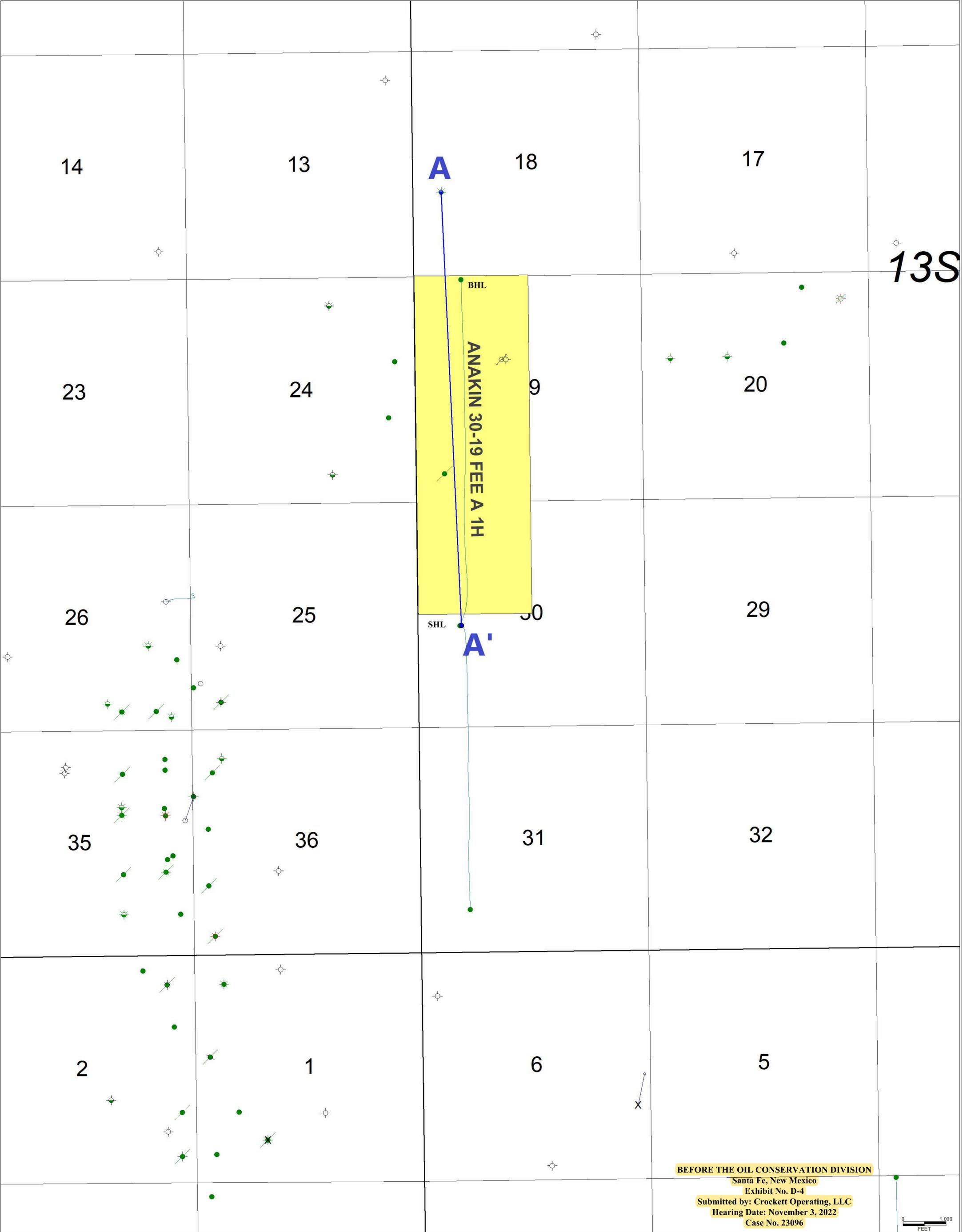
Submitted by: Crockett Operating, LLC

Hearing Date: November 3, 2022

Case No. 23096



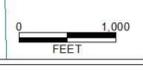




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**BEFORE THE OIL CONSERVATION DIVISION**  
 Santa Fe, New Mexico  
 Exhibit No. D-4  
 Submitted by: Crockett Operating, LLC  
 Hearing Date: November 3, 2022  
 Case No. 23096



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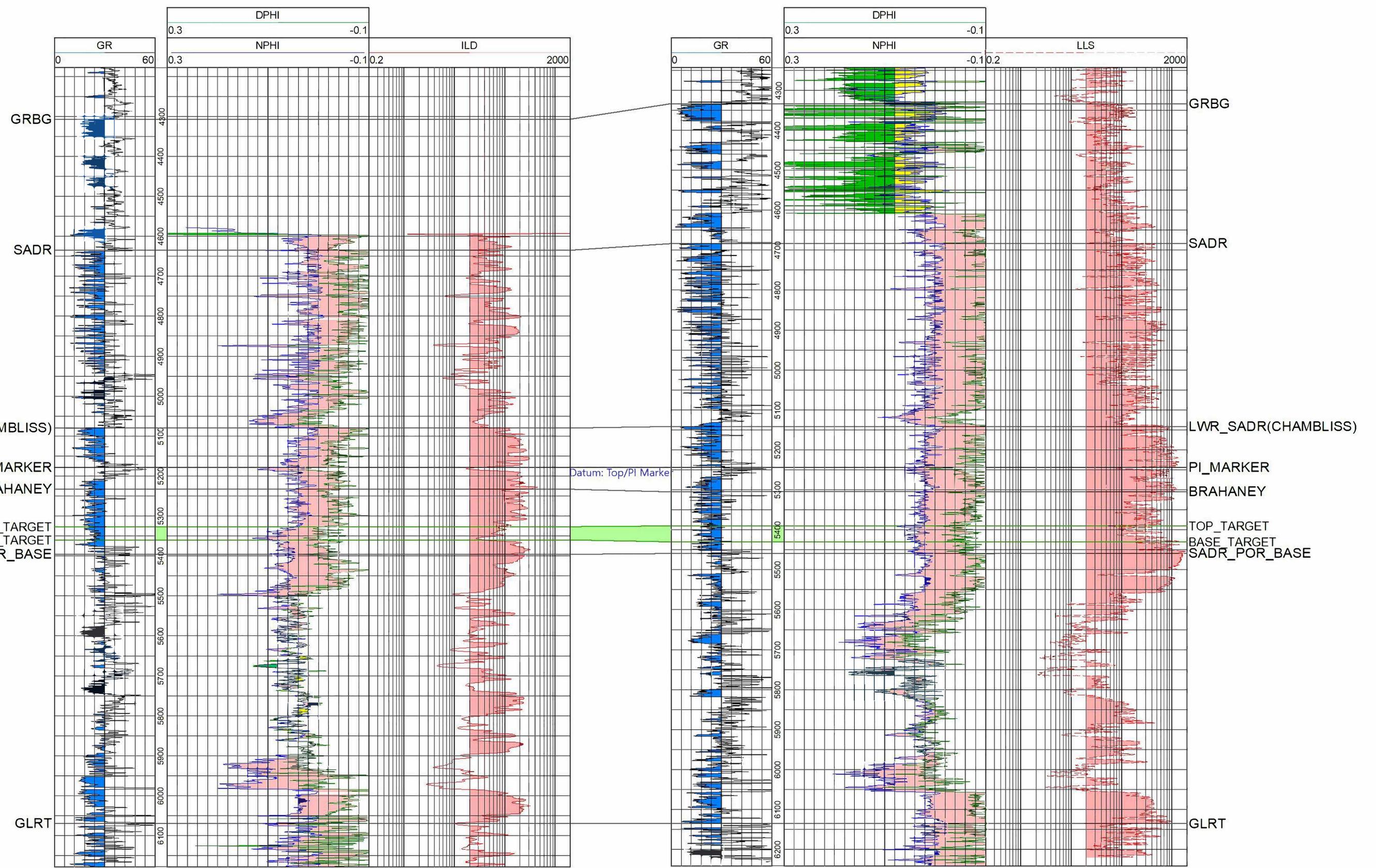
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BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. D-5  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096

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

**APPLICATION OF CROCKETT  
OPERATING, LLC FOR COMPULSORY  
POOLING, LEA COUNTY, NEW MEXICO.**

**CASE NO. 23096**

**SELF-AFFIRMED STATEMENT OF  
PAULA M. VANCE**

1. I am attorney in fact and authorized representative of Crockett Operating, LLC (“Crockett”), the Applicant herein. I have personal knowledge of the matters addressed herein and am competent to provide this self-affirmed statement.

2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the affected parties on the date set forth in the letter attached hereto.

3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.

4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of October 27, 2022.

5. I caused a notice to be published to all parties subject to these compulsory pooling proceedings on October 18, 2022. An affidavit of publication from the publication’s legal clerk with a copy of the notice publication is attached as Exhibit F.

6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

  
\_\_\_\_\_  
Paula M. Vance

11/1/2022  
Date

**BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. E  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096**



Michael H. Feldewert  
Partner  
Phone (505) 988-4421  
mfeldewert@hollandhart.com

October 14, 2022

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

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

**Re: Application of Crockett Operating, LLC for Compulsory Pooling, Lea County, New Mexico: *Anakin 30-19 A Fee 1H***

Ladies & Gentlemen:

This letter is to advise you that Crockett Operating, LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on November 3, 2022, and the status of the hearing can be monitored through the Division’s website at <http://www.emnrd.state.nm.us/ocd/>.

**Due to the remodeling of the state building where the New Mexico Oil Conservation Division is located, hearings will be conducted remotely beginning at 8:15 a.m. To participate in the electronic hearing, see the instructions posted on the OCD Hearings website: <https://www.emnrd.nm.gov/ocd/hearing-info/>.**

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Percy Engineer at (210) 710-9468, or at [percy.engineer@gmail.com](mailto:percy.engineer@gmail.com).

Michael H. Feldewert

**ATTORNEY FOR CROCKETT  
OPERATING, LLC**

T 505.988.4421 F 505.983.6043  
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Crockett - Anakin 30-19 A Fee 1H  
Case No 23096 Postal Delivery Report

TrackingNo	ToName	DeliveryAddress	City	State	Zip	USPS_Status
9414811898765818361996	formerly Estate of Edwin L. Cox Jones-Walker Mineral Company	PO Box 1169	Duncan	OK	73534-1169	Your item was picked up at the post office at 10:15 am on October 17, 2022 in DUNCAN, OK 73533.
9414811898765818361989	Kalkman Habeck Mineral Company formetly Estate of Edwin L. Cox	PO Box 1169	Duncan	OK	73534-1169	Your item was picked up at the post office at 10:15 am on October 17, 2022 in DUNCAN, OK 73533.
9414811898765818361972	Childrens Medical Center Foundation	1935 Motor Street	Dallas	TX	75235	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361613	Ann M. Ryme	2780 Jerridee Cir Apt 22D	Dallas	TX	75229-2310	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361651	E.P. Childers	2780 Jerridee Cir Apt 22D	Dallas	TX	75229-2310	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361668	Vera Ayres Bowen	7731 Broadway Unit C114	San Antonio	TX	78209-3259	Your item was delivered to an individual at the address at 5:27 pm on October 17, 2022 in SAN ANTONIO, TX 78209.
9414811898765818361606	Robert Atlee Ayres	7731 Broadway Unit C114	San Antonio	TX	78209-3259	Your item was delivered to an individual at the address at 5:27 pm on October 17, 2022 in SAN ANTONIO, TX 78209.
9414811898765818361644	Stephen Ray Keohane	PO Box 761	Freeport	TX	77541	Your item departed our NORTH HOUSTON TX DISTRIBUTION CENTER destination facility on October 26, 2022 at 7:10 pm. The item is currently in transit to the destination.
9414811898765818361682	First Roswell Company, Ltd.	PO Box 1797	Roswell	NM	88202-1797	Your item was picked up at the post office at 8:32 am on October 18, 2022 in ROSWELL, NM 88201.
9414811898765818361637	Austin Wright	113 Metcalfe Dr	Hopkinsville	KY	42240-2711	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765818361675	Coke Family Trust	17158 Highway, no 5	Eldorado	OK	73537	Your item arrived at the ELDORADO, OK 73537 post office at 11:31 am on October 24, 2022 and is ready for pickup.
9414811898765818361118	Julia May Lutz	2618 Marlborough Street	Lubbock	TX	79415	Your item was delivered to an individual at the address at 2:55 pm on October 17, 2022 in LUBBOCK, TX 79415.
9414811898765818361156	Kathy Gail Brawley	PO Box 121	Mack	CO	81525-0121	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

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9414811898765818361163	Elsa F. Altshool	PO Box 118	Las Cruces	NM	88004-0118	Your item was refused by the addressee at 9:59 am on October 27, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765818361101	Beatrice W. Montano	PO Box 364	Fence Lake	NM	87315	Your item arrived at the FENCE LAKE, NM 87315 post office at 10:02 am on October 22, 2022 and is ready for pickup.
9414811898765818361194	Virginia White McDorman	1941 Roanoke Dr NE	Rio Rancho	NM	87144-5535	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765818361187	Pauline Garrett	2581 Collin McKinney Pkwy Apt 1901	McKinney	TX	75070-5477	Your item was delivered to the front desk, reception area, or mail room at 12:23 pm on October 17, 2022 in MCKINNEY, TX 75070.
9414811898765818361316	Estate of David Collins Selby	2963 Sundance Cir	Las Cruces	NM	88011-4609	Your item was returned to the sender on October 18, 2022 at 6:08 pm in LAS CRUCES, NM 88011 because the addressee was not known at the delivery address noted on the package.
9414811898765818361361	Gretchen Walker Cullor	714 Monette Dr	Corpus Christi	TX	78412-3027	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361323	Collins Walker Selby	4512 Avenue C	Austin	TX	78751-3025	Your item departed our AUSTIN TX DISTRIBUTION CENTER destination facility on October 26, 2022 at 6:54 am. The item is currently in transit to the destination.
9414811898765818361309	Estate of Florence M. Watkins	999 S Telshor Blvd Unit 42	Las Cruces	NM	88011-8626	Your item was refused by the addressee at 9:59 am on October 27, 2022 in SANTA FE, NM 87501 and is being returned to the sender.
9414811898765818361392	Martha Green Quirk	821 Lakeway Dr	El Paso	TX	79932-3121	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.
9414811898765818361347	Gretchen Green Love	4101 Darwood Dr	El Paso	TX	79902-1735	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361385	Estate of C. Frank Meyer, et ux Alice	1141 Cima Linda Ln	Santa Barbara	CA	93108-1820	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9414811898765818361330	Tami J. Gunset	3103 County Road 7520	Lubbock	TX	79423-6368	This is a reminder to arrange for redelivery of your item or your item will be returned to sender.

Crockett - Anakin 30-19 A Fee 1H  
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9414811898765818361378	Anthony M. Jones	333 Washington Blvd Unit 237	Marina Del Rey	CA	90292-5152	Your item departed our LOS ANGELES CA DISTRIBUTION CENTER destination facility on October 27, 2022 at 4:48 am. The item is currently in transit to the destination.
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# Affidavit of Publication

STATE OF NEW MEXICO  
COUNTY OF LEA

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

Beginning with the issue dated  
October 18, 2022  
and ending with the issue dated  
October 18, 2022.



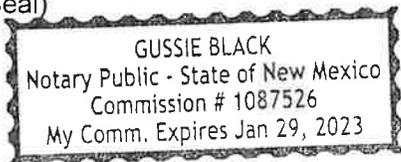
Publisher

Sworn and subscribed to before me this  
18th 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

## LEGAL NOTICE October 18, 2022

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

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner on the following case. During the COVID-19 Public Health Emergency, state buildings are closed to the public and Division hearings will be conducted remotely. The public hearing for the following case will be electronic and conducted remotely. The hearing will be conducted on Thursday, **November 3, 2022, beginning at 8:15 a.m.** To participate in the electronic hearing, see the instructions posted below. The docket may be viewed at <https://www.emnrd.nm.gov/ocd/hearing-info/> or obtained from Marlene Salvidrez, at [Marlene.Salvidrez@emnrd.nm.org](mailto:Marlene.Salvidrez@emnrd.nm.org). Documents filed in the case may be viewed at <https://ocdimage.emnrd.nm.gov/Imaging/Default.aspx>. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Marlene Salvidrez at [Marlene.Salvidrez@emnrd.nm.org](mailto:Marlene.Salvidrez@emnrd.nm.org), or the New Mexico Relay Network at 1-800-659-1779, no later than **October 23, 2022**.

Persons may view and participate in the hearings through the following link:

<https://nmemnrd.webex.com/nmemnrd/j.php?MTID=mf23132936a5d3c41b6c6ac1551e44ea0>

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Access code: 2487 427 3940

**STATE OF NEW MEXICO TO:  
All named parties and persons  
having any right, title, interest  
or claim in the following case  
and notice to the public.**

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All interest owners subject to pooling proceedings, including: Jones-Walker Mineral Company, (formerly Estate of Edwin L. Cox); Kalkman Habeck Mineral Company (formerly Estate of Edwin L. Cox); Children's Medical Center Foundation; Ann M. Ryme, her heirs and devisees; E.P. Childers, his or her heirs and devisees; Vera Ayres Bowen, her heirs and devisees; Robert Atlee Ayres, his heirs and devisees; Stephen Ray Keohane, his heirs and devisees; First Roswell Company, Ltd.; Austin Wright, his heirs and devisees; Coke Family Trust; Julia May Lutz, her heirs and devisees; Kathy Gail Brawley, her heirs and devisees; Elsa F. Altshool, her heirs and devisees; Beatrice W. Montano, her heirs and devisees; Virginia White McDorman, her heirs and devisees; Pauline Garrett, her heirs and devisees; Estate of David Collins Selby, his heirs and devisees; Gretchen Walker Cullor, her heirs and devisees; Collins Walker Selby, his heirs and devisees; Estate of Florence M. Watkins, her heirs and devisees; Martha Green Quirk, her heirs and devisees; Gretchen Green Love, her heirs and devisees; Estate of C. Frank Meyer, et ux Alice, their heirs and devisees; Tami J. Gunset, her heirs and devisees; and Anthony M. Jones, his heirs and devisees.

Case No. 23096: Application of Crockett Operating, LLC for compulsory pooling, Lea County, New Mexico. Applicant in the above-styled cause seeks an order pooling all uncommitted interests in the San Andres formation underlying a standard 480-acre horizontal well spacing unit comprised of the W/2 of Section 19 and the NW/4 of Section 30, Township 13 South, Range 38 East, NMPM, Lea County, New Mexico. This spacing unit will be initially dedicated to the proposed **Anakin 30-19 A Fee 1H** well to be horizontally drilled from a surface location in NW/4SW/4 (Unit L) of Section 30 to a bottom hole location in NW/4NW/4 (Unit D) of Section 19, Township 13 South, Range 38 East. The completed interval of this initial well is expected to remain within 330 feet of the adjoining quarter-quarter section (or equivalent) tracts to allow inclusion of these proximity tracts within the proposed horizontal spacing unit. Also to be considered will be the cost of drilling and completing the well and the allocation of the cost thereof, the operating costs and charges for supervision, the designation of applicant as operator of the proposed spacing unit, and a 200% charge for risk involved in drilling said well. Said area is located approximately 11 miles southeast of Tatum, New Mexico.

#38145

BEFORE THE OIL CONSERVATION DIVISION  
Santa Fe, New Mexico  
Exhibit No. F  
Submitted by: Crockett Operating, LLC  
Hearing Date: November 3, 2022  
Case No. 23096