KOLAR Document ID: 1794071

| Kansas Corpora Oil & Gas Conse | ATION COMMISSION Form T-1 April 2019 |
|--|--|
| | Form must be Signed |
| TRANSFER OF INJECTION | |
| Form KSONA-1, Certification of Compliance w | ith the Kansas Surface Owner Notification Act, |
| Check applicable boxes: MUST be submitt | ed with this form. |
| Oil Lease: No. of Oil Wells** | Effective Date of Transfer: |
| Gas Lease: No. of Gas Wells** | KS Dept of Revenue Lease No.: |
| Gas Gathering System: | Lease Name: |
| Saltwater Disposal Well - Permit No.: | |
| Spot Location: feet from N / S Line | |
| feet from E / W Line | Legal Description of Lease: |
| Enhanced Recovery Project Permit No.: | |
| Entire Project: Yes No | County: |
| Number of Injection Wells** | Production Zone(s): |
| Field Name: | Injection Zone(s): |
| ** Side Two Must Be Completed. | |
| | |
| Surface Pit Permit No.: (API No. if Drill Pit, WO or Haul) | feet from N / S Line of Section |
| | feet from E / W Line of Section |
| Type of Pit: Emergency Burn Settling | Haul-Off Workover Drilling |
| Past Operator's License No. | Contact Person: |
| Past Operator's Name & Address: | Phone: |
| | Date: |
| Title: | Signature: |
| | |
| New Operator's License No | Contact Person: |
| New Operator's Name & Address: | Phone: |
| | Oil / Gas Purchaser: |
| | |
| New Operator's Email: | Date: |
| Title: | Signature: |
| Acknowledgment of Transfer. The above request for transfer of injection | authorization, surface pit permit # has been |
| Acknowledgment of Transfer: The above request for transfer of injection noted, approved and duly recorded in the records of the Kansas Corporation C | |
| Commission records only and does not convey any ownership interest in the a | |
| | |
| is acknowledged as | is acknowledged as |
| the new operator and may continue to inject fluids as authorized by | the new operator of the above named lease containing the surface pit |
| | |
| Permit No.: Recommended action: | permitted by No.: |
| Date | Date: |
| Date: Authorized Signature | Authorized Signature |
| | |
| DISTRICT F | PRODUCTION UIC |

Side Two

Must Be Filed For All Wells

| | | * Location: | | | * Lease Name: _ |
|------------------------------------|-----------------------------------|---------------------------|---|------------------------------|-----------------|
| Well Status (PROD/TA'D/Abandone | Type of Well (Oil/Gas/INJ/WSW) | | Footage from Sec (i.e. FSL = Feet from | API No. (YR DRLD/PRE '67) | Well No. |
| | | <i>Circle:</i> FEL/FWL | <i>Circle:</i> FSL/FNL | | |
| | | FEL/FWL | FSL/FNL | | |
| | | FEL/FWL | FSL/FNL | | |
| | | FEL/FWL | FSL/FNL | | |
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| | | FEL/FWLFEL/FWL | FSL/FNL FSL/FNL FSL/FNL | | |

A separate sheet may be attached if necessary.

* When transferring a unit which consists of more than one lease please file a separate side two for each lease. If a lease covers more than one section please indicate which section each well is located.

KOLAR Document ID: 1794071

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

| Form KSONA- |
|---------------------------|
| July 202 |
| Form Must Be Typed |
| Form must be Signed |
| All blanks must be Filled |
| |

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

| OPERATOR: License # | Well Location: |
|----------------------------|--|
| Name: | |
| Address 1: | County: |
| Address 2: | Lease Name: Well #: |
| City: State: Zip:+ | If filing a Form T-1 for multiple wells on a lease, enter the legal description of |
| Contact Person: | the lease below: |
| Phone: () Fax: () | |
| Email Address: | |
| Surface Owner Information: | |
| Name: | When filing a Form T-1 involving multiple surface owners, attach an additional |
| Address 1: | sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the |
| Address 2: | county, and in the real estate property tax records of the county treasurer. |
| City: State: Zip:+ | |

If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.

Select one of the following:

- □ I certify that, pursuant to the Kansas Surface Owner Notice Act (see Chapter 55 of the Kansas Statutes Annotated), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- □ I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.

Date: ______ Signature of Operator or Agent: ______

STATE OF KANSAS § COUNTY OF STEVENS §

ASSIGNMENT, CONVEYANCE AND BILL OF SALE

THIS ASSIGNMENT, CONVEYANCE AND BILL OF SALE (this "Assignment"), is made and entered this 25th day of September, 2024, but is effective as of July 1, 2024, at 7:00 a.m. Central Standard Time (the "*Effective Time*"), from PanHugoton Partners LLC, a Delaware limited liability company ("Assignor" or "Seller"), whose address is 817 S. Polk St. Suite 201, Amarillo, TX 79101 to BCE-Mach LLC, a Delaware limited liability company ("Assignee" or "Buyer"), whose address is 14201 Wireless Way, Suite 300, Oklahoma City, OK 73134.

This Assignment is made pursuant to the terms of that certain Purchase and Sale Agreement dated August 9, 2024, by and among Assignor and Mach Natural Resources LP (the "*Purchase Agreement*"). Capitalized terms used and not otherwise defined in this Assignment are used with the meanings given thereto in the Purchase Agreement.

WITNESSETH:

1. <u>Assignment</u>. That Assignor, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, does sell, transfer, assign, and convey to Assignee, all of Assignor's right, title, interest and estate, real or personal, recorded or unrecorded, movable or immovable, tangible or intangible, in, to and under the following (but excluding the Excluded Assets, as such term is defined below) (collectively, the "*Assets*"):

(a) All of the oil and gas leases, subleases and other leaseholds; fee mineral interests; royalty interests; overriding royalty interests; net profits interests; carried interests; farmout rights; options; and other properties and interests described on **Exhibit A** attached hereto (collectively, the "*Leases*"), including any and all oil and gas leases, subleases and other leaseholds; fee mineral interests; royalty interests; overriding royalty interests; net profits interests; carried interests; carried interests; formout rights; options; and other properties and interests associated with or attributable to the Wells, together with each and every kind and character of right, title, claim and interest that Seller has in and to the lands covered by the Leases (the "*Lands*");

(b) Any and all oil, gas, water, disposal, injection and other wells located on any of the Lands, including those described on **Exhibit A-1** attached hereto, whether producing, shut-in or temporarily abandoned, but excluding any permanently abandoned wells (collectively, the "*Wells*");

(c) All rights and interests in, under or derived from all unitization, communitization and pooling agreements, declarations and orders with respect to the Leases or the Wells, including those pools or units expressly set forth on **Exhibit A-1** (such rights and interests, collectively, the "*Units*"; and the Units, together with the Leases, Lands and Wells, are referred to in this Assignment as the "*Properties*"), and including all interest derived from the Leases in production of Hydrocarbons from any such Unit, whether such Unit production of Hydrocarbons

comes from Wells located on or off of a Lease, and all tenements, hereditaments and appurtenances belonging to the Leases or Units;

(d) All contracts, agreements and instruments by which the Properties are bound, or that relate to or are otherwise applicable to the Properties, but only to the extent such contracts are applicable to the Properties (rather than Seller's other properties), including operating agreements, unitization, pooling and communitization agreements, declarations and orders, joint venture agreements, farmin and farmout agreements, exploration agreements, participation agreements, exchange agreements, transportation or gathering agreements, agreements for the sale and purchase of oil, gas, casinghead gas or processing agreements to the extent applicable to the Properties or the Hydrocarbons produced from the Properties, including those identified on **Schedule 1.2(d)**, but excluding (i) any contracts, agreements and instruments to the extent transfer is restricted by Third-Party agreement or applicable Law and the necessary consents to transfer are not obtained pursuant to **Section 7.6** of the Purchase Agreement, (ii) any master services agreements, drilling contracts and/or other similar contracts, (iii) the Management Agreement (as defined below), and (iv) the instruments constituting the Leases or Easements (subject to such exclusions, the "*Contracts*");

(e) All easements, permits, licenses, servitudes, rights-of-way, surface leases and other surface rights appurtenant to, and used or held for use in connection with the Properties (the "*Easements*");

(f) (i) All equipment, machinery, fixtures and other tangible personal property (other than vehicles or vessels) and improvements located on the Properties and used or held for use in connection with the operation of the Properties, including (A) any SCADA and measurement technology located on the Leases, and (B) any radio towers located on the Leases, (ii) any other SCADA and measurement technology and radio towers exclusively used in connection with the operation of the Properties or any other Assets, and (iii) any software related thereto (other than Enterprise Application Software) (the Assets described in this **clause (f)**, collectively, the "*Equipment*");

(g) All flow lines, meters, pipelines, gathering systems and appurtenances located on the Properties or used or held for use in the operation of or in connection with the Properties (the "*Flow Lines*" and, together with the Equipment and Wells, the "*Personal Property*");

(h) All Hydrocarbons produced from or attributable to the Properties from and after the Effective Time;

(i) All Imbalances;

(j) Originals of all lease files; land files; well files; gas and oil sales contract files; gas processing files; division order files; abstracts; title files; title opinions; land surveys; logs; maps; ending and/or production files; engineering data and reports; interpretive data, technical evaluations and technical outputs; and other books, records, data (including electronic data), files, and accounting records (and all copies thereof), in each case to the extent related to the Assets, or used or held for use in connection with the maintenance or operation thereof, but

excluding (i) any books, records, data, files, logs, maps, evaluations, outputs and accounting records to the extent transfer thereof would result in a violation of applicable Law or is restricted by any Transfer Requirement that is not satisfied pursuant to Section 7.6 of the Purchase Agreement, (ii) attorney-client privileged communications and work product of Seller's or any of its Affiliates' legal counsel (other than title opinions), (iii) reserve studies and evaluations, (iv) records relating to the negotiation and consummation of transactions contemplated by this Assignment or the Purchase Agreement and (v) emails (such books, records, data, files and accounting records collectively, but subject to such exclusions, the "*Records*"); provided, however, that Seller may retain the copies of such Records as Seller has reasonably determined may be required for use in connection with (x) the operations of the Excluded Assets or (y) any of Seller's existing litigation, tax, accounting or auditing matters;

(k) All Hydrocarbons in storage or existing at the Effective Time in stock tanks, pipelines and/or plants (including inventory, line fill and tank bottoms) and produced from or attributable to the Properties;

(1) All rights to claims, credits, causes of action, rights of set-off, indemnities, warranty claims and releases from Third Parties relating to the Assets, but only to the extent they relate to Assumed Obligations or arise in the ownership or operation of the Assets after the Effective Time;

(m) All insurance proceeds under existing policies of insurance, if any, relating to any existing claims, but only to the extent that such benefits relate to any Assumed Obligation (in each case, net of any retrospective or other current increase in insurance premiums of Seller to the extent attributable to the payment of such insurance proceeds) or the period after the Effective Time, in each case associated with the Assets;

(n) All trade credits, accounts receivable, notes receivable, take-or-pay amounts receivable, operating revenues and other receivables and general intangibles relating to the period after the Effective Time, in each case associated with the Assets, the production of Hydrocarbons attributable to the Assets or attributable or related to any Assumed Obligations;

(o) All liens and security interests in favor of Seller, whether choate or inchoate, under any Law or contract, to the extent arising from, or relating to, the ownership, operation, or sale or other disposition at or after the Effective Time of any of the Assets

(p) All rights to audit the records of any Person and to receive refunds or payments of any nature, and all amounts of money relating thereto, in each case, to the extent arising from, or relating to, the ownership, operation, or sale or other disposition at or after the Effective Time of the Assets or to the extent relating to any Assumed Obligations;

(q) All intangible rights, inchoate rights, transferable rights under warranties made by prior owners, manufacturers, vendors, and Third Parties, and rights accruing under applicable statutes of limitation or prescription, in each case, to the extent that they are related or attributable to the Assets;

(r) all field offices used in connection with the ownership and operation of the Assets; and

(s) All computer software or communications software and any other intellectual property (including tapes, codes, data and program documentation and all tangible manifestations and technical information relating thereto), in each case, used or held for use in connection with the use, operation and exploitation of the Assets;

For purposes of this Assignment, the term "*Management Agreement*" means that certain Management Agreement by and among Seller, Pantera Energy Company, PanHugoton Management, LLC and the other signatories party thereto, dated as of March 27, 2019, as may be amended from time to time.

TO HAVE AND TO HOLD to Assignee, its successors and assigns, forever, subject to the Permitted Encumbrances, as such term is defined in the Purchase Agreement, and the other terms and provisions of this Assignment and of the Purchase Agreement.

2. <u>Excluded Assets</u>. Notwithstanding anything in this Assignment to the contrary, the Assets do not include, and there is excepted, reserved and excluded from the purchase and sale contemplated in this Assignment, the following (collectively, the "*Excluded Assets*"):

(a) all corporate, partnership, limited liability company, financial, Income Tax and legal records of Seller that relate to Seller's business generally;

(b) all books, records and files that relate to the Excluded Assets;

(c) (i) those records retained by Seller pursuant to **clauses** (i) through (v) of Section 1(j) above, (ii) copies of any Records retained by Seller pursuant to the proviso at Section 1(j) above, and (iii) copies of any other Records retained by Seller pursuant to Section 1.5 of the Purchase Agreement;

(d) all reserve estimates and economic estimates to the extent described in clauses (i) through (v) of Section 1(j) above;

(e) all rights to any refund of Taxes or other costs or expenses borne by Seller or Seller's predecessors in interest and title attributable to periods prior to the Effective Time to the extent not attributable to any Assumed Obligations;

(f) Seller's area-wide bonds, permits and licenses or other permits, licenses or authorizations used in the conduct of Seller's business generally;

(g) all trade credits, account receivables, note receivables, take-or-pay amounts receivable, and other receivables attributable to the Assets with respect to any period of time prior to the Effective Time to the extent not attributable to any Assumed Obligations;

(h) all work product of Seller's attorneys, records relating to the negotiation and consummation of the transactions contemplated hereby or under the Purchase Agreement, and documents and instruments that are subject to the attorney-client privilege (other than title opinions); (i) subject to Section 1(l), Section 1(m) and Section 1(n) above, all claims and causes of action (including any claims for insurance proceeds) accruing in favor of Seller and arising from acts, omissions or events or damage to or destruction of property with respect to all periods prior to the Effective Time to the extent not attributable to any Assumed Obligations;

(j) all right, title and interest of Seller in and to vehicles or vessels used in connection with the Assets;

(k) any agreements excluded from the definition of "Contracts" in sub-clauses (i), (ii) and (iii) of Section 1(d) above;

(l) subject to Section 1(l), Section 1(m) and Section 1(n), all rights, titles, claims and interests of Seller or any Affiliate of Seller (i) to or under any policy or agreement of insurance or any insurance proceeds; except to the extent provided in Section 3.3 of the Purchase Agreement or to the extent not attributable to any Assumed Obligations, and (ii) to or under any bond or bond proceeds;

(m) subject to Section 1(p) above, any patent, patent application, logo, service mark, copyright, trade name, trademark or other intellectual property of or associated with Seller or any Affiliate of Seller or any business of Seller or of any Affiliate of Seller;

(n) all radio and telephone equipment (and associated peripherals) that is not described in Section 1(f) above, and all personal computers, telephones, whether landline telephones or smartphones (and any phone numbers relating thereto);

(o) all proprietary and other computer software, except for software referenced at Section 1(f) or Section 1(s) above;

(p) except to the extent conveyed by the Geological Data Assignment, all Geological Data;

(q) any capital stock or other equity interests of any Seller, any subsidiary of Seller, or any other entity;

and

(r) any permanently abandoned wells located on the Leases, Lands or Units;

(s) any personal property that is not related to the Assets (unless such personal property is referenced in **Section 1(g)** above).

Buyer acknowledges that Seller (x) owns other operated and non-operated oil and gas assets throughout the States of Kansas, Texas and Oklahoma besides the Assets (including in some counties in which the Properties are located) and (y) desires to exclude those other assets from the transactions contemplated in this Assignment and the Purchase Agreement that do not constitute Assets hereunder.

3. <u>Miscellaneous</u>. This Assignment is made by Assignor and accepted by Assignee subject to the following terms and conditions:

(a) <u>Effective Time</u>. This Assignment is effective as of the Effective Time.

(b) <u>Purchase Agreement</u>. This Assignment is expressly made subject to the Purchase Agreement. If there is a conflict between this Assignment and the Purchase Agreement, the Purchase Agreement controls. Nothing in this Assignment shall operate to limit, release, or impair any of Assignor's or Assignee's respective rights, obligations, remedies, or indemnities in the Purchase Agreement.

4. Disclaimers.

EXCEPT AS AND TO THE EXTENT EXPRESSLY SET FORTH IN (a) THE PURCHASE AGREEMENT OR IN THIS ASSIGNMENT, OR CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AGREEMENT, (I) ASSIGNOR MAKES NO **REPRESENTATIONS OR WARRANTIES, EXPRESS, STATUTORY OR IMPLIED,** AND ASSIGNOR EXPRESSLY DISCLAIMS ALL (II)LIABILITY AND **RESPONSIBILITY FOR ANY REPRESENTATION, WARRANTY, STATEMENT OR** INFORMATION MADE OR COMMUNICATED (ORALLY OR IN WRITING) TO ASSIGNEE OR ANY OF ITS AFFILIATES, EMPLOYEES, AGENTS, CONSULTANTS **OPINION**, OR REPRESENTATIVES (INCLUDING ANY INFORMATION, **PROJECTION OR ADVICE THAT MAY HAVE BEEN PROVIDED TO ASSIGNEE BY** ANY OFFICER, DIRECTOR, EMPLOYEE, AGENT, CONSULTANT, **REPRESENTATIVE OR ADVISOR OF ASSIGNOR OR ANY OF ITS AFFILIATES). IN** PARTICULAR, EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN **ARTICLE 5** OF THE PURCHASE AGREEMENT, CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AGREEMENT, OR IN THIS ASSIGNMENT, AND WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, ASSIGNOR EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, AS TO (I) TITLE TO ANY OF THE ASSETS, (II) THE CONTENTS, CHARACTER OR NATURE OF ANY DESCRIPTIVE MEMORANDUM, OR ANY REPORT OF ANY PETROLEUM ENGINEERING CONSULTANT, OR ANY GEOLOGICAL OR SEISMIC DATA OR INTERPRETATION, RELATING TO THE ASSETS, (III) THE QUANTITY, QUALITY OR RECOVERABILITY OF PETROLEUM SUBSTANCES IN OR FROM THE ASSETS, (IV) ANY ESTIMATES OF THE VALUE OF THE ASSETS, FUTURE REVENUES GENERATED BY THE ASSETS OR FUTURE COSTS ASSOCIATED WITH THE ASSETS, (V) THE PRODUCTION OF HYDROCARBONS FROM THE ASSETS, (VI) THE MAINTENANCE, REPAIR, CONDITION, QUALITY, SUITABILITY, DESIGN OR MARKETABILITY OF THE ASSETS, (VII) THE CONTENT, CHARACTER OR NATURE OF ANY DESCRIPTIVE MEMORANDUM, REPORTS, BROCHURES, CHARTS OR STATEMENTS PREPARED BY ASSIGNOR OR THIRD PARTIES WITH RESPECT TO THE ASSETS, (VIII) ANY

OTHER MATERIALS OR INFORMATION THAT MAY HAVE BEEN MADE AVAILABLE OR COMMUNICATED TO ASSIGNEE OR ITS AFFILIATES, OR ITS OR EMPLOYEES, AGENTS, CONSULTANTS, REPRESENTATIVES OR THEIR ADVISORS IN CONNECTION WITH THE TRANSACTIONS CONTEMPLATED BY THIS ASSIGNMENT OR ANY DISCUSSION OR PRESENTATION RELATING THERETO, AND FURTHER DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OF ANY EQUIPMENT, IT BEING EXPRESSLY UNDERSTOOD AND AGREED BY THE PARTIES THAT ASSIGNEE IS DEEMED TO BE OBTAINING THE ASSETS IN THEIR PRESENT STATUS, CONDITION AND STATE OF REPAIR, "AS IS" AND "WHERE IS" WITH ALL FAULTS AND THAT ASSIGNEE HAS MADE OR CAUSED TO BE MADE SUCH INSPECTIONS AS ASSIGNEE DEEMS APPROPRIATE, OR (IX) ANY IMPLIED OR EXPRESS WARRANTY OF FREEDOM FROM PATENT OR TRADEMARK INFRINGEMENT. EXCEPT AS EXPRESSLY REPRESENTED **OTHERWISE IN SECTION 5.18 OF THE PURCHASE AGREEMENT, ASSIGNOR HAS** NOT MADE ANY REPRESENTATION OR WARRANTY REGARDING ANY MATTER RELATING TO **ENVIRONMENTAL** OR CIRCUMSTANCE LAWS, ENVIRONMENTAL LIABILITIES, THE RELEASE OF MATERIALS INTO THE ENVIRONMENT OR THE PROTECTION OF HUMAN HEALTH, SAFETY, NATURAL **RESOURCES OR THE ENVIRONMENT, OR ANY OTHER ENVIRONMENTAL** CONDITION OF THE ASSETS, AND NOTHING IN THIS ASSIGNMENT OR OTHERWISE WILL BE CONSTRUED AS SUCH A REPRESENTATION OR WARRANTY, AND ASSIGNOR IS DEEMED TO BE TAKING THE ASSETS "AS IS" AND "WHERE IS" FOR PURPOSES OF THEIR ENVIRONMENTAL CONDITION.

(b) Assignor and Assignee agree that, to the extent required by applicable Law to be effective, the disclaimers of certain representations and warranties contained in this Section 4 are "conspicuous" disclaimers for the purpose of any applicable Law.

5. <u>Special Warranty of Title</u>. Assignor hereby binds itself, its successors and assigns, to warrant and defend Defensible Title to the Assets unto Assignee, its successors and assigns, against any person or entity whomsoever claiming or to claim the same or any part thereof by, through and/or under Assignor or any of its Affiliates, but not otherwise.

6. <u>Assumed and Excluded Obligations</u>. Subject to the indemnification by Seller under Section 11.3 of the Purchase Agreement and the indemnification by Buyer under Section 11.4 of the Purchase Agreement, Assignee shall assume, fulfill, perform, pay, and discharge any and all of the Assumed Obligations in accordance with and subject to the terms of the Purchase Agreement, and Assignor shall retain, fulfill, perform, pay, and discharge any and all of the Excluded Obligations in accordance with and subject to the terms of the Purchase Agreement.

7. <u>Compliance with Law</u>. This Assignment is made subject to all applicable Laws that are promulgated, issued or enacted by a Governmental Body having applicable jurisdiction.

8. <u>Further Assignments/Further Assurances</u>. Assignee acknowledges that this Assignment is a global assignment intended for filing with the applicable counties in which the Assets are located, and that Assignee and Assignor have separately entered into multiple assignments for the purpose of recording the assignment of the Assets with the appropriate Governmental Body, if necessary. After Closing, Seller and Buyer will each take such further actions and execute, acknowledge and deliver all such further instruments of conveyance and other documents as are reasonably requested by the other Party for carrying out the purposes of this Assignment and/or the Purchase Agreement, including (i) to convey and deliver to Buyer the Assets in accordance with the terms of this Assignment and/or the Purchase Agreement in the manner contemplated by this Assignment and/or the Purchase Agreement in the manner contemplated by this Assignment and/or the Purchase Agreement.

9. <u>Covenants Running with the Land</u>. The terms and provisions of this Assignment are covenants running with the Lands, Leases, and other interests covered by this Assignment (and with each subsequent transfer or assignment of all or any part thereof) and extend to, bind and inure to the benefit of the Parties and their heirs, successors and assigns.

10. <u>Governing Law</u>. This Assignment shall be governed by and construed and enforced in accordance with the internal laws of the State of Texas, without regard to the principles of conflicts of laws thereof. Any disputes arising from or relating to this Assignment shall be resolved pursuant to Section 12.6 of the Purchase Agreement.

11. <u>Counterparts</u>. This Assignment may be executed in counterparts, each of which shall be deemed an original instrument, but all of which counterparts together shall constitute but one agreement. No party hereto shall be bound until such time as all of the parties hereto have executed counterparts of this Assignment.

[Signature Pages Follow]

IN WITNESS WHEREOF, this Assignment is executed by the duly authorized officers or representatives of the Parties as of the Effective Time.

ASSIGNOR:

PANHUGOTON PARTNERS LLC

By Name: Jason S. Herrick

Title: President

ACKNOWLEDGEMENT

STATE OF TEXAS § SCOUNTY OF POTTER §

BEFORE ME, the undersigned Notary Public, on this day personally appeared Jason S. Herrick, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he, being fully authorized to do so, executed and delivered the same as President of PanHugoton Partners, LLC, a Delaware limited liability company, on the day and year therein mentioned and as the act and deed of said corporation, for the purpose and consideration therein expressed.

| GIVEN UNDER MY HAND AND SEAL OF | OFFICE this 2 cthing of Saply 2021 |
|---------------------------------|---|
| GIVEN UNDER MY HAND AND SEAL OF | OFFICE, this $\chi \gamma'$ day of $\gamma \gamma'$, 2024. |
| | |
| | |

Notary ID131830857

<u>J/24/2027</u> My Commission Expires

Notary Public, State of Texas Amy Solis My Commission Expires 3/24/2027

Signature Page – Assignment and Bill of Sale (Assignor)

IN WITNESS WHEREOF, this Assignment is executed by the duly authorized officers or representatives of the Parties as of the Effective Time.

ASSIGNEE:

BCE-MACH LLC

By:

Name: Michael E. Reel Title: General Counsel and Secretary

ACKNOWLEDGEMENT

| STATE OF OKLAHOMA | § |
|--------------------|---|
| | § |
| COUNTY OF OKLAHOMA | § |

BEFORE ME, the undersigned Notary Public, on this day personally appeared Michael E. Reel, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he, being fully authorized to do so, executed and delivered the same as General Counsel and Secretary of BCE-Mach LLC, a Delaware limited liability company, on the day and year therein mentioned and as the act and deed of said company, for the purpose and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 25th day of September 024.

Commission # 08001548 Expires 02/12/28

ANNIE SOUTHARD NOTARY PUBLIC ATE OF OKLAHOM

2/12/28 My Commission Expires

Notary Public, State of Oklahoma

Signature Page – Assignment and Bill of Sale (Assignee)

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| Exhibit A - Leases to Assignment, Conveyance and Bill of Sale | |

| County Footnote | TEXAS 2B | BEAVER 3 | BEAVER 3 | BEAVER 3 | BEAVER 3 | HNNEY | FINNEY | FINNEY 39 | FINNEY 39 | FINNEY | FINNEY | FINNEY 39 | FINNEY 39 | FINNEY 39 | FINNEY 39 | FINNEY 39 | FINNEY 39 | RINNEY 39 | FINNEY 39 | HNNEY | FINNEY | | FINNEY | FINNEY FINNEY | FILVEY FILVEY |
|-------------------|--|--|--|--|--|---|--|---|---|--|-------------------------------|----------------------------|--------------------------|--|-------------------------|---|---|-------------------------|-------------------------|---|--|------------|-------------------------------|--|--|
| Legal Description | 1N-18ECM Sec 14: N/2 SE/4: S/2 NE/4: S/2 SE/4 | | | 1N-21ECM Sec 8: EZ NW/4: W/2 NW/4 | 3N-23ECM Sec. 6: SE/4 | | 225-34W Sec. 34: SE/4 | 225-34VV Sec. 34: NE/4 | 235-33W Sec 16: NE/4 | 235-33V/ Sec. 16: SE/4 | 235-33W Sec. 16: NW/4 | 23S-33V/ Sec. 16: SV//4 | 235-34W Sec. 10: SW/4 | 23S-34VV Sec. 15: E/2 NW/4: NE/4: S/2 | 235-34W Sec 16: ALL | 235-34W Sec. 18: N/2: N/2 S/V/4: S/2 S/V/4: SE/4 | 23S-34W Sec. 19: Lots 1, 2, 3 & 4; E/2 W/2; SE/4 | | 23S-34W Sec. 21: N/2 | | 23S-34W | 1440.04130 | | S/2 SE4 | |
| Concatenate | 1N18ECM14 | 1N20ECM26 | 1N21ECM8 | INZIECMB | 1N23ECM6 | 22S34W34 | 22S34W34 | 22S34W34 | 23S33W16 | 23S33W16 | 23S33W16 | 23S33W16 | 23S34W10 | 23S34W15 | 23S34W16 | 23S34W1B | 23S34W19 | 23S34W20 | 23S34W21 | 23S34W13 | 23S34W13 | | 23S34W13 | 23S34W13 23S34W13 23S34W13 | 23534W13 23534W13 23534W13 23534W15 |
| Section | 14 | 26 | 8 | ω | 9 | 34 | 34 | 34 | 16 | 16 | 16 | 16 | 10 | 15 | 16 | 18 | 61 | 20 | 12 | 13 | 13 | | ព | ឌ ឌ | 13 13 |
| Range | 18ECM | 20ECM | 21ECM | 21ECM | 23ECM | 34W | 34W | 34W | MEE | MEE | 33W | MEE | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | | 34W | 34W 34W | 34W 34W 34W |
| Township | IN | IJ | IN | Х Н | IN | 225 | 22S | 22S | 23S | 23S | 23S | 23S | 23S | SEZ | 23S | SE2 | 23S | 23S | 23S | 23S | 23S | | 23S | 23S 23S | 23S 23S 23S |
| Page | 35 | 38W | 373 | 547 | 267 | 323 | Ê | 334 | 187 | 383 | 407 | 490 | 382 | 382 | 382 | 382 | 382 | 382 | 382 | 556 | 2 | | 20 | 20 | 20 144 447 |
| Book | 256 | 21 | 232 | 231 | 21 | 19 | 17 | 15 | E | 21 | 16 | 21 | # | я | # | п | Ħ | # | я | 67 | 12 | | 12 | 12 | 1 12 13 |
| Date | 1/30/1946 | 12/17/1945 | 10/20/1961 | 10/12/1961 | 12/3/1945 | 7/31/1949 | 2/10/1948 | 3/19/1946 | 12/1/1943 | 8/30/1950 | 8/30/1947 | 11/29/1950 | 9/12/1941 | 9/12/1941 | 9/12/1941 | 9/12/1941 | 9/12/1941 | 9/12/1941 | 9/12/1941 | 8/1/1986 | 9/9/1942 | | 9/15/1942 | 9/15/1942 4/12/1943 | 9/15/1942 4/12/1943 10/23/1941 |
| Original Lessee | GULF OIL CORPORATION | PANHANDLE EASTERN PIPELINE CO, A CORP | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | PANHANDLE EASTERN PIPELINE COMPANY A CORP | CHAMPLIN REFINING COMPANY | THE SHALLOW WATER REFINING COMPANY | BEN F. BRACK | JOE B NATHAN | CHAMPLIN REFINING COMPANY | JOHN R LEBOSQUET | CHAMPLIN REFINING COMPANY | JE O'DONNELL | JE O'DONNELL | JE O'DONNELL | JE O'DONNELL | JE O'DONNELL | JE O'DONNELL | JE O'DONNELL | NORTHERN PUMP COMPANY | JE O'DONNELL | | JE O'DONNELL | J E O'DONNELL JOE E. DENHAM | J E O'DONNELL JOE E. DENHAM J E O'DONNELL |
| Original Lessor | PAUL JOHNSON AND VONONNA C JOHNSON HUSBAND AND WIFE | PAUL A WILLIAMS AND R ALBERTINE WILLIAMS HIS WIFE | JESSIE G DIEFFENBACHER FORMERLY JESSIE G RISING A WIDOW | LOLA GRAY AKA LOLA O GRAY A WIDOW, CORA A HARRIS A WIDOW AND ROBERT L GRAY A SINGLE PERSON | JOHN A BUECHNER AND CATHARINA M BUECHNER HIS WIFE | CLARA L CORMACK AND F D CORMACK WIFE & HUSBAND | CLINT SCHLOTFELT AND VERTA SCHLOTFELT HIS WIFE, AND GLEN H SCHLOTFELT AND NELLE SCHLOTFELT HIS WIFE | JOHN HENSELMAN AND ANNA C HENSELMAN HIS WIFE | A E SAMUELSON AKA AUGUST E SAMUELSON AND DELLA SAMUELSON HIS WIFE ET AL | A J JOHNSON AND HIS WIFE MARY S JOHNSON | ARTHUR R STANDER A SINGLE MAN | J R BOSWORTH A SINGLE MAN | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | THE GARDEN CITY COMPANY | RICHARD A HERMAN AND VERNA IRENE HERMAN HUSBAND AND WIFE | G H BIDWELL AND MARY E BIDWELL HIS WIFE | | GOFFE & CARKENER INCORPORATED | GOFFE & CARKENER INCORPORATED GARDEN CITY DITCH COMPANY | GOFFE & CARKENER INCORPORATED GARDEN CITY DITCH COMPANY LAURA A WODETZY A SINGLE WOMAN |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | | LEASE - OIL AND GAS | LEASE - OIL AND GAS LEASE - OIL AND GAS | LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS |
| Agreement # | 33086000 | 31733000 | 31749000 | 31748000 | 31732000 | 29893003 | 29893002 | 29893001 | 29921000 | 29924000 | 29923000 | 29922000 | 29847000 | 29847000 | 29847000 | 29847000 | 29847000 | 29847000 | 29847000 | 29963002 | 29963001 | | 29965000 | 29965000 29966000 | 29965000 29966000 29850000 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|----------------------------|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 29848000 | LEASE - OIL AND GAS | BERTHA M FOSTER A WIDOW: WILLIAM D FOSTER & MARJORIE FOSTER HIS WIFE ET AL | JE O'DONNELL | 9/6/1941 | п | 430 | 23S | 34W | 19 | 23S34W19 | 235-34V/ Sec. 19: NE/4 | FINNEY | |
| 29851000 | LEASE - OIL AND GAS | THE PINEY WOODS COUNTRY LIFE SCHOOL | CHAMPLIN REFINING COMPANY | 10/10/1947 | 17 | 524 | 23S | 34W | 20 | 23S34W20 | 23S-34W Sec. 20: W/2 NE/4 | FINNEY | |
| 29846000 | LEASE - OIL AND GAS | HERBERT MEYER AND WILMA L MEYER HIS WIFE | JE O'DONNELL | 1461/11/6 | я | 362 | 23S | 34W | 30 | 23S34W30 | 23S-34W Sec. 30: SE/4 | FINNEY | |
| 29880005 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA | CHAMPLIN REFINING COMPANY | 11/20/1943 | 13 | 30 | 23S | 34W | 36 | 23S34W36 | 23S-34W Sec. 36: W/2 NE/4 | FINNEY | |
| 29880001 | LEASE - OIL AND GAS | JOHN BURGARDT AND BARBARA BURGARDT HIS WIFE | JE O'DONNELL | 9/2/1942 | Ħ | 640 | 23S | 34W | 36 | 23S34W36 | 23S-34W Sec. 36: NW/4 | FINNEY | |
| 29880003 | LEASE - OIL AND GAS | L E JOSS AND IZETTA H JOSS HUSBAND AND WIFE | JE O'DONNELL | 9/12/1942 | 12 | 21 | 23S | 34W | 36 | 23S34W36 | 235-34W Sec. 36: SE/4; SE/4 SW/4 | FINNEY | |
| 29880006 | LEASE - OIL AND GAS | LAURENCE C HALBLEIB AND MAXINE HALBLEIB HIS WIFE | JOE E. DENHAM | 4/24/1944 | 13 | 324 | 23S | 34W | 36 | 23S34W36 | 235-34W Sec. 36: SW/4 SW/4 | FINNEY | |
| 29880004 | LEASE - OIL AND GAS | MUTUAL BUILDING & LOAN ASSOCIATION | CHAMPLIN REFINING COMPANY | 9/24/1942 | 12 | 22 | 23S | 34W | 36 | 23S34W36 | 23S-34W Sec 36: N/2 SW/4 | FINNEY | |
| 29880002 | LEASE - OIL AND GAS | NELLIE UPSHAW AND J F UPSHAW HER HUSBAND | JE O'DONNELL | 9/3/1942 | Ħ | 642 | 23S | 34W | 36 | 23S34W36 | 23S-34W Sec. 36: E/2 NE/4 | FINNEY | |
| 29925001 | LEASE - OIL AND GAS | ELSIE BARTLOW AND CHARLES BARTLOW HER HUSBAND | JE O'DONNELL | 11/19/1943 | EI | 29 | 23S | 34W | 6 | 23S34W9 | 235-34W Sec 9: NW/4 | FINNEY | |
| 29925002 | LEASE - OIL AND GAS | J R BOSWORTH AND HETTIE H BOSWORTH HIS WIFE | JE O'DONNELL | 8/25/1942 | Ħ | 632 | 23S | 34W | 6 | 23S34W9 | 23S-34W Sec. 9: NE/4 | FINNEY | |
| 29925003 | LEASE - OIL AND GAS | O L SILER AND MARY SILER HIS WIFE | CITIES SERVICE OIL COMPANY | 4/6/1943 | 12 | 297 | 23S | 34W | 6 | 23S34W9 | 23S-34W Sec. 9: SW/4 | FINNEY | 39 |
| 29852000 | LEASE - OIL AND GAS | THE GARDEN CITY COMPANY | J. E. O'DONNELL | 9/12/1941 | ø | 581 | 23S | 35W | EI | 23S35W13 | 23S-35W SECTION 13: ALL | KEARNY | |
| 29852000 | LEASE - OIL AND GAS | THE GARDEN CITY COMPANY | J. E. O'DONNELL | 9/12/1941 | æ | 581 | 23S | 35W | 24 | 23S35W24 | 23S-35W SECTION 24: SE/4 | KEARNY | 40 |
| 30120000 | LEASE - OIL AND GAS | J. F. PIEPER | CITIES SERVICE OIL COMPANY | 4/15/1943 | 10 | 85 | 23S | 35W | 20 | 23S35W20 | 23S-35W SECTION 20: N/2: SW/4 | KEARNY | |
| 30119000 | LEASE - OIL AND GAS | R. H. MILLER ET UX | CITIES SERVICE OIL COMPANY | 4/5/1943 | 10 | 7 | 23S | З5W | б | 23S35W9 | 235-35W SECTION S: N/2 N/2 LESS AND EXCEPT ALL DEPTHS FROM THE TOP OF THE HEBNER FORMATION TO THE CENTER OF THE EARTH. | KEARNY | 40 |
| 29929004 | LEASE - OIL AND GAS | D E EVERS AND EDA EVERS HIS WIFE | JOE E. DENHAM | 7/17/1943 | Ħ | 572 | 24S | MEE | 14 | 24S33W14 | 245-33W Sec. 14: All that part of the N2 of Section 14 which lice South of the Right of Way of the chalson. Topoka and Santa Fe Raitroad | FINNEY | |
| 29929004 | LEASE - OIL AND GAS | D E EVERS AND EDA EVERS HIS WIFE | JOE E. DENHAM | 7/17/1943 | 12 | 572 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: A 5 acre tract in the Southeast corner of the NE/4 | FINNEY | |
| 29929006 | LEASE - OIL AND GAS | O F NEAL AND MARIE O NEAL HIS WIFE | JOE E. DENHAM | 8/4/1943 | 12 | 571 | 24S | MEE | 14 | 24S33W14 | 24S-33W Sec. 14: Lots 1 and 2 and the N/2 SW/4 | FINNEY | 39 |
| 29929006 | LEASE - OIL AND GAS | O F NEAL AND MARIE O NEAL HIS WIFE | JOE E. DENHAM | 8/4/1943 | 12 | 571 | 24S | 33W | 15 | 24S33W15 | 24S-33W Sec. 15: Lot 4 and the NE4 SE/4 | FINNEY | |
| 29929005 | LEASE - OIL AND GAS | PETE MAI AND ESTHER MAI HIS WIFE | JOE E. DENHAM | 7/17/1943 | 12 | 443 | 24S | MEE | 14 | 24S33W14 | 24S-33W Sec. 14: Lots 1 and 2 and the N/2 SW/4 | FINNEY | 39 |
| 29929005 | LEASE - OIL AND GAS | PETE MAI AND ESTHER MAI HIS WIFE | JOE E. DENHAM | 7/17/1943 | 12 | 443 | 24S | 33W | 15 | 24S33W15 | 24S-33W Sec. 15: Lot 4 and the NE/4 SE/4 | FINNEY | |
| 29929003 | LEASE - OIL AND GAS | STATE BOARD OF ADMINISTRATION OF KANSAS | FRED C. KOCH | 8/26/1944 | 14 | 158 | 24S | MEE | 14 | 24S33W14 | 24S-33W Sec. 14: S/2: N/2, as more particularly described in said lease | FINNEY | |

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| Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
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| Y LOUISE WELDON AKA EDITH LOUISE WELDON | C M FLEETWOOD | 911/1988 | 78 | ω | 24S | же | 15 | 24S33W15 | 24S-33W See. 15: Lord 3 and thust part of the NE/4 of Section 15 lying South of the right-of-way of the Achison. Topeka & Santa Fe Railroad, lors and except tracts as more fully described in said lease's Exhibit? A' land description. | FINNEY | |
| ARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANSAS | CHAMPLIN REFINING COMPANY | 12/16/1952 | 26 | 354 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: A strip of land in the NEA of Section 15 lying between the North line of the Acthican, Topeka and Santa Fe Railway and a line lying 925 feet northerly and paralisi to the center line of The Garden City Western Railway | FINNEY | |
| CLAYTON C CARROLL AND WIFE VELMA V CARROLL | GAIL NUSBAUM | 5/1/1952 | 25 | 211 | 24S | MEE | 15 | 24S33W15 | 245-33V Sec. 15: All that part of the NEA lying North of the North line of the right of way of the Garden City Western Railway | FINNEY | |
| COLEEN W KINNEY | C M FLEETWOOD | 9/1/1988 | 7 | 86 | 24S | MEE | 15 | 24S33W15 | 24S-33W See. 15: Lot 3 and that part of the NEV4 of Section 15 lying South of the right-of-way of the Atchlison. Topoka & Santa Fe Railroad, lots and except tracts as more fully described in said Lease's Exhibit "A" land description. | FINNEY | |
| ESTHER MAI | C M FLEETWOOD | 9/1/1988 | 62 | 107 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atchlison. Topeka & Santa Fe Railroad, lots and except tracts as more fully described in said lease's Exhibit "A" land description. | FINNEY | |
| ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST | C M FLEETWOOD | 9861/1/6 | 79 | 108 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: Lot 3 and that part of the NE/4 of Section 15 lying South of the right-of-way of the Achison. Topeka & Santa Fe Railroad, lots and except tracts as more fully described in said (asse's Exhibit? A'' land description. | FINNEY | |
| LARRY D WARD | C M FLEETWOOD | 8861/1/6 | 22 | 392 | 24S | ЗЗW | 15 | 24S33W15 | 24S-33V of the Very of the NEV of Section 15 lying Sec. 15: Lot 2 and that part of the NEV of Section 15 lying South of the right-of-way of the Acthison. Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description. | FINNEY | |
| MAE ANDERSON A WIDOW | JE O'DONNELL | 12/27/1943 | 13 | 43 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: Lots One and Two and the N/2 NW/4 | FINNEY | |
| MAE C TAIT A WIDOW | C H GORDEN | 5/1/1942 | 12 | 37 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: Lots 5 and 6 | FINNEY | 39 |
| MARY LEE STECKLEIN | C M FLEETWOOD | 8861/1/8 | 17 | 394 | 24S | ЗЗW | 15 | 24S33W15 | 24S-33W Sec. 15: Lot 3 and that part of the NE/4 of Section 15 lying South of the right-of-way of the Attain. Topoka & Santa Fe Railroad, leas and except tracts as more fully described in said lease's Exhibit "A" land description. | FINNEY | |
| NELL A BURNS AND J M BURNS HER HUSBAND | JOE E. DENHAM | 12/16/1944 | 14 | 400 | 24S | MEE | 15 | 24S33W15 | 24S-33W Sec. 15: E/2 NE/4 | FINNEY | |
| SUE W PINEGAR | C M FLEETWOOD | 861/1/6 | 78 | 'n | 24S | MEE | 15 | 24S33W15 | 245-33W See. 15: Lot 3 and that part of the NE/4 of Section 15 lying South of the right-of-way of the Atchlison. Topeka & Santa Fe Railroad, less and except tracts as more fully described in said Lease's Exhibit "A" land description. | HNNEY | |
| HARRY BROWN AND GRACE BROWN HIS WIFE | JE O'DONNELL | 8/28/1942 | п | 643 | 24S | 34W | 2 | 24S34W2 | 245-34W Sec. 2: Lots 1 and 2 and the S/2 NE/4 | FINNEY | |
| EVA B SHARER A WIDOW | 7 E O'DONNELL | 8/24/1942 | п | 645 | 24S | 34W | 10 | 24S34W10 | 24S-34W Sec. 10: Lots 2, 3 & 4 and all accretions thereto; SE/4 NW/4; V/2 NW/4; SE/4 | FINNEY | 39 |
| | original Lesser AMY LOUISE WELDON AKA EDTH LOUISE WELDON AKA EDTH LOUISE WELDON AKA EDTH BOARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANSAS CLAYTON C CARROLL AND WIFE VELMA CARROLL AND WIFE VELMA CARROLL AND WIFE VELMA COLEEN W KINNEY COLEN W KINNEY COLEN W KINNEY COLEN W KINNEY COLEN W KINNEY BANK CO-THUSTEES OF THE PETE MAI RESIDUARY TRUST BANK CO-TAT A WIDOW MARY LEE STECKLEIN MARY LEE STECKLEIN NELL A BURNS AND J M BURNS HER NELL A BURNS AND J M BURNS HER NIELL A BURNS AND J M BURNS HER HARRY BROWN AND GAKE BROWN HIS EVA B SHARER A WIDOW | | Original Lessee Original Lessee C M FLEETWOOD Gall NUSBAUM Gall NUSBAUM Gall NUSBAUM C M FLEETWOOD C I E O'DONNELL I J E O'DONNELL I J E O'DONNELL I | Original Lescee Data C.M.FLEETWOOD 9:1/1988 C.M.FLEETWOOD 9:1/1988 GAIL NUSBAUM 12:1/6/1952 GAIL NUSBAUM 5:1/1952 C.M.FLEETWOOD 9:1/1988 J.E.ODONNELL 12:2/1/342 J.E.ODONNELL 9:1/1988 J.E.ODONNELL 9:1/1988 J.E.ODONNELL 9:1/1988 J.J.B.E.DENHAM 12:1/6:1/344 J.J.B.E.DENHAM 12:1/6:1/342 J.J.B.E.DENNELL 9:1/1942 J.J.B.E.DENNELL 9:1/1942 | Original Lessee Date Book Book C.M.FLEETWOOD 9/1/1988 78 78 C.M.ELETWOOD 9/1/1988 78 78 C.M.LETWOOD 9/1/1988 78 75 G.A.L.NUSBAUM 5/1/1952 25 75 G.A.L.NUSBAUM 5/1/1952 25 75 C.M.FLETWOOD 9/1/1988 77 75 C.M.FLETWOOD 9/1/1988 77 75 C.M.FLETWOOD 9/1/1988 77 75 C.M.FLETWOOD 9/1/1988 77 75 C.M.FLETWOOD 9/1/1988 75 75 C.M.FLETWOOD 9/1/1988 76 | Original Lesses Date Book Page C M LEETWOOD 9/1/1988 78 6 C M LEETWOOD 9/1/1988 78 6 G ANPUN REFINING COMPANY 12/16/1952 25 354 G AL NUSBAUM 5/1/1952 25 211 G AL NUSBAUM 5/1/1952 25 211 C M LEETWOOD 9/1/1988 77 393 C M LEETWOOD 9/1/1988 77 393 C M FLEETWOOD 9/1/1988 79 107 C M FLEETWOOD 9/1/1988 79 108 C M FLEETWOOD 9/1/1988 79 107 C M FLEETWOOD <td< td=""><td>Original Lessee Data Book Page Township F CM FLEETWOOD 91/1988 78 6 70 245 CHAMPLIN FEINING COMPANY 12/16/1952 25 354 245 245 GAL NUSBAUM 5/1/1952 25 354 245 245 245 GAL NUSBAUM 5/1/1952 25 354 245 245 245 CM FLEETWOOD 9/1/1988 77 333 245 245 245 CM FLEETWOOD 9/1/1988 79 107 245 <td< td=""><td>Original Lease Date Date Page Teamelia Range CM-RLEETWOOD 9/1/1988 78 6 245 334 CM-RLEETWOOD 9/1/1988 78 6 245 334 CM-RLEETWOOD 9/1/1983 78 6 245 334 GAL NUSBAUM 5/1/1952 25 314 334 334 GAL NUSBAUM 5/1/1953 25 315 334 334 GAL NUSBAUM 5/1/1953 25 315 334 334 CM-RLETWOOD 9/1/1968 77 333 245 334 CM-RLETWOOD 9/1/1368 79 107 245 334 JE ODONNELL 1/1/1368 79 245 344 <</td><td>Original, Lesser Dess Beak Page Townite Reserved Section G Crimital, Lesser 9/1388 78 5 245 334 15 5 Crimital, Lesser 9/1388 78 5 245 334 15 5 Guital, Lestinoob 9/13983 75 341 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, Lestinoob 9/13988 77 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob <</td><td>Original Lessee Date Book Page Towardia Recons Concentrols C M-LETWOOD \$1/1288 78 6 245 37W 5 545334/5 C 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NUSBAUM 5/1/1953 25 315 334 334 GAL NUSBAUM 5/1/1953 25 315 334 334 CM-RLETWOOD 9/1/1968 77 333 245 334 CM-RLETWOOD 9/1/1368 79 107 245 334 JE ODONNELL 1/1/1368 79 245 344 <</td><td>Original, Lesser Dess Beak Page Townite Reserved Section G Crimital, Lesser 9/1388 78 5 245 334 15 5 Crimital, Lesser 9/1388 78 5 245 334 15 5 Guital, Lestinoob 9/13983 75 341 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, Lestinoob 9/13988 77 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob <</td><td>Original Lessee Date Book Page Towardia Recons Concentrols C M-LETWOOD \$1/1288 78 6 245 37W 5 545334/5 C M-LETWOOD \$1/1288 78 6 245 33W 5 245334/5 C M-LETWOOD \$1/1282 26 34 245 33W 15 245334/5 C M-LETWOOD \$1/1283 26 34 245 33W 15 245334/5 C M-LETWOOD \$1/1288 77 383 245 33W 15 245334/5 C M-LETWOOD \$1/1288 77 383 245 33W 15 245334/5 C M-LETWOOD \$1/1288 79 38 32W 33W 15 245334/5 C M-LETWOOD \$1/1288 79 310 245 245 245334/5 C M-LETWOOD \$1/1288 79 310 245 245 245334/5 C M-LETWOOD \$1/12886 79</td><td>Orientational Date Road Towards Description Logit Description CM RETTYOOD 91288 78 245<</td></td<> | Original Lease Date Date Page Teamelia Range CM-RLEETWOOD 9/1/1988 78 6 245 334 CM-RLEETWOOD 9/1/1988 78 6 245 334 CM-RLEETWOOD 9/1/1983 78 6 245 334 GAL NUSBAUM 5/1/1952 25 314 334 334 GAL NUSBAUM 5/1/1953 25 315 334 334 GAL NUSBAUM 5/1/1953 25 315 334 334 CM-RLETWOOD 9/1/1968 77 333 245 334 CM-RLETWOOD 9/1/1368 79 107 245 334 JE ODONNELL 1/1/1368 79 245 344 < | Original, Lesser Dess Beak Page Townite Reserved Section G Crimital, Lesser 9/1388 78 5 245 334 15 5 Crimital, Lesser 9/1388 78 5 245 334 15 5 Guital, Lestinoob 9/13983 75 341 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, NUSBAUM 5/13952 25 354 245 334 15 5 Guital, Lestinoob 9/13988 77 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob 9/13686 75 353 245 334 15 5 Cheletinoob < | Original Lessee Date Book Page Towardia Recons Concentrols C M-LETWOOD \$1/1288 78 6 245 37W 5 545334/5 C M-LETWOOD \$1/1288 78 6 245 33W 5 245334/5 C M-LETWOOD \$1/1282 26 34 245 33W 15 245334/5 C M-LETWOOD \$1/1283 26 34 245 33W 15 245334/5 C M-LETWOOD \$1/1288 77 383 245 33W 15 245334/5 C M-LETWOOD \$1/1288 77 383 245 33W 15 245334/5 C M-LETWOOD \$1/1288 79 38 32W 33W 15 245334/5 C M-LETWOOD \$1/1288 79 310 245 245 245334/5 C M-LETWOOD \$1/1288 79 310 245 245 245334/5 C M-LETWOOD \$1/12886 79 | Orientational Date Road Towards Description Logit Description CM RETTYOOD 91288 78 245< |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|---|-----------------------------|------------|------|------|----------|-------|---------|-------------|--|--------|------------|
| 29954000 | LEASE - OIL AND GAS | L L JONES AND EDNA T JONES HIS WIFE. TAYLOR JONES AND KATHERINE JONES HIS WIFE | JE O'DONNELL | 8/25/1942 | н | 633 | 24S | 34W | 10 | 24S34W10 | 24S-34W Sec 10:Lot 1 | FINNEY | 66 |
| 29954000 | LEASE - OIL AND GAS | L L JONES AND EDNA T JONES HIS WIFE. TAYLOR JONES AND KATHERINE JONES HIS WIFE | JE O'DONNELL | 8/25/1942 | ц | 633 | 24S | 34W | Ħ | 24S34W11 | 24S-34W Sec 11: All | FINNEY | 6E |
| 29954000 | LEASE - OIL AND GAS | L L JONES AND EDNA T JONES HIS WIFE. TAYLOR JONES AND KATHERINE JONES HIS WIFE | JE O'DONNELL | 8/25/1942 | п | 633 | 24S | 34W | 2 | 24S34W2 | 24S-34W Sec. 2: SE/4: E/2 SW/4 and all that part of the SW/4 SW/4 lying South of the A T S F R R | FINNEY | 39 |
| 29954000 | LEASE - OIL AND GAS | L L JONES AND EDNA T JONES HIS WIFE. TAYLOR JONES AND KATHERINE JONES HIS WIFE | T E O'DONNELL | 8/25/1942 | ц | 633 | 24S | 34W | m | 24S34W3 | 24S-34W Sec. 3: All that part of the S/2 lying South of the ATSFR and Lot B | FINNEY | 65 |
| 29871002 | LEASE - OIL AND GAS | OLIVE C STONE A WIDOW: CLIFFORD WM STONE AND SARA LOU STONE HIS WIFE | JOE E. DENHAM | 5/21/1943 | 12 | 306 | 24S | 34W | 10 | 24S34W10 | 24S-34W Sec. 10: SW/4 | FINNEY | 3 6 |
| 29871002 | LEASE - OIL AND GAS | OLIVE C STONE A WIDOW; CLIFFORD WM STONE AND SARA LOU STONE HIS WIFE | JOE E. DENHAM | 5/21/1943 | 11 | 306 | 24S | 34W | ъ | 24S34W5 | 245-34W Sec. 5: Lots 9 & 10 | FINNEY | 39 |
| 29870000 | LEASE - OIL AND GAS | STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS | FRED C. KOCH | B/26/1944 | н | 579 | 24S | M4E | 10 | 24S34W10 | 24S-34W SECTION 10: N/2 | FINNEY | 39 |
| 29870000 | LEASE - OIL AND GAS | STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS | FRED C. KOCH | 8/26/1944 | н | 579 | 24S | 34W | Ħ | 24S34W11 | 24S-34W SECTION 11: SE/4, W/2 | FINNEY | 39 |
| 29870000 | LEASE - OIL AND GAS | STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS | FRED C. KOCH | 8/26/1944 | п | 579 | 24S | 34W | m | 24S34W3 | 24S-34W SECTION 3: S/2 | FINNEY | 6E |
| 29870000 | LEASE - OIL AND GAS | STATE BOARD OF ADMINISTRATION. TOPEKA, KANSAS | FRED C. KOCH | 8/26/1944 | 11 | 579 | 24S | 34W | S | 24S34W5 | 24S-34W SECTION 5: S/2 | FINNEY | 39 |
| 29948001 | LEASE - OIL AND GAS | DAVID GODDARD AND NELLIE OPAL GOODARD HIS WIFE | J E O'DONNELL | 8/25/1942 | п | 641 | 24S | 34W | 15 | 24S34W15 | 24S-34W Sec. 15: E/2 | FINNEY | |
| 29947000 | LEASE - OIL AND GAS | EVA B SHARER A WIDOW, JANE S COLLINS AND HUSBAND JOHN C COLLINS ET AL | 7 E O'DONNELL | 9/9/1941 | п | 436 | 24S | 34W | 15 | 24S34W15 | 24S-34W Sec. 15: W/2 | FINNEY | |
| 29948002 | LEASE - OIL AND GAS | THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | CHAMPLIN REFINING COMPANY | 8/25/1942 | 12 | ß | 24S | 34W | 15 | 24S34W15 | 245-34W Sec. 15: E/2 | FINNEY | |
| 29867001 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | CHAMPLIN REFINING COMPANY | 9/2/1942 | 12 | 24 | 24S | 34W | 16 | 24S34W16 | 24S-34W Sec. 16: E/2 E/2 | FINNEY | |
| 29867002 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | CHAMPLIN REFINING COMPANY | 9/2/1942 | 12 | 23 | 24S | 34W | 16 | 24S34W16 | 24S-34W Sec. 16: N/2 NW/4; SW/4, W/2 NE/4 | FINNEY | |
| 29867003 | LEASE - OIL AND GAS | MYRTLE E BIEHN AND S W BIEHN HER HUSBAND, AND MYRTLE E BIEHN GUARDIAN OF IOLA L BIEHN A MINOR; ALSO GUARDIAN OF HAZEL L BIEHN A MINOR | TE ODONNELL | 8/25/1942 | 11 | 635 | 24S | 34W | 16 | 24S34W16 | 245-34W Sec 16: W/2 SE4: SE4 NW/4; SW/4 | FINNEY | |
| 29865000 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | CHAMPLIN REFINING COMPANY | 9/2/1942 | 12 | 9 | 24S | 34W | 17 | 24S34W17 | 24S-34W Sec 17: ALL | FINNEY | |
| 29952001 | LEASE - OIL AND GAS | G E TABOR AND MILDRED L TABOR HIS WIFE | JOE E. DENHAM | 4/16/1945 | 14 | 520 | 24S | 34W | 18 | 24S34W18 | 24S-34W Sec. 18: NE/4 | FINNEY | |
| 29952002 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | STANOLIND OIL & GAS COMPANY | 1/15/1946 | 15 | 301 | 24S | 34W | 18 | 24S34W1B | 24S-34W Sec. 18: NE/4 | FINNEY | |
| 29967000 | LEASE - OIL AND GAS | THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | CHAMPLIN REFINING COMPANY | 9/2/1942 | 12 | 7 | 24S | 34W | 18 | 24S34W1B | 24S-34W Sec. 18: E/2 NW/4: SE/4 | FINNEY | |
| 29972000 | LEASE - OIL AND GAS | N INGRIM SINGLE | J E O'DONNELL | 9/1/1942 | თ | 249 | 24S | 34W | 18 | 24S34W18 | 24S-34W Sec. 1B: W/2 NW/4; SW/4 | FINNEY | |
| 29957000 | LEASE - OIL AND GAS | GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION) | CHAMPLIN REFINING COMPANY | 10/15/1949 | 20 | 124 | 24S | 34W | 2 | 24S34W2 | 245-34W Sec. 2: All of Lessor's acreage in all the land in its main irrigation canal right-of-way across said section. | FINNEY | |

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| Footnote | | 33 | SE SE | р р | 39 | б Ю | e B | | | | | |
|-------------------|--|---|---|---|---|---|---|--|---|---|---|---|
| County | FINNEY | FINNEY | FINNEY | FINNEY | FINNEY | FINNEY | FINNEY | KEARNY | KEARNY | KEARNY | KEARNY | KEARNY |
| Legal Description | 245-34W Sec. 2: Lots 3 & 4 and the S/2 NW/4 and all that part of the W/2 SW/4 lying North of the AT & S F Raitroad | 24S-34VV Soc. 3: All of Lossor's acroage in all the land in its main irrigation canal right-of-way across said section. | 245-34W Sec. 3: Lot: 1, 2, 3 & 4 and the S7 N/2 and all that part of Lots 5 & 6, and the NW/4 SE4 and the E/2 SE4 lying Narth of the A T & 5 F Railroad right of way | 245-34W Sec. 5: All that part of the W/2 of Section 5 lying North of the A T & Sama Fe Ry, Described as Lots 1, 2, 7 and 8 (oxcept a tract of about 30 acres deeded to the Garden Chy Irrigation Combany) | 245-34W Sec. 5: Lots 3 & 4: S/2 NW/4 | 245-34W Sec. 5, All that part of Lots 7 & 81 in Section 5 lying South of the right-of-way of the Atchison. Topeka & Santa Fe Railroad: Lots 5 & 61 in aid Section 5 and a certain itsland in the Akhamas River lying South of Lots 5, 6, 7 & 8 in Section 5 | 245-34W Sec. 5: Beginning in that tract in the E/2 of said Section 5 lying between the railroad and the river, all of Lessor's acrosof in all the land in its main irrigation canal right-of-way across said the land in its main irrigation canal right-of-way across said section. | 24S-35W SECTION 1: LOTS 1-4, S/2 N/2, S/2 (BEING ALL OF SECTION 1) | BEING ALL THAT PART OF S/25W/4 SEC 11-24S-35W, LYING N OF THE SANTA FE RIGHT OF WAY IN THE TOWN OF DEERFIELD, KANSAS, KEARNY CO | NW 1 AC OF NW/4 SEC 11-24S-35W, KEARNY CO | A TR OF LAND IN SEC 11-243-35W, OF THE GTH PM DESC AS F OLLOWS, TYONTIBEG AT POINT ON THE W. LINE OF SAID SEC. 1985 FT S OF THE RWUCTHEREOF, WHICH IS THE POB. THE 484 FT, TH S 76 FT OT THE ROW OF THE RORW OD DESC. 00 W. 12 FTT TH S 30 DEGS, 58 W. 340 FT. TH S 80 DEGS, 00 W. 280 FT TO THE W LINEOF SAID SEC. TH N 385 FT TO THE POB SEC 11-24S-35W, KEARINY CO | 10:30 ACRES M/L BEING ALL THAT PART OF THE N/2SW/4 SEC 11:243-35W, OF THE GTH P.N. LYING BETWEEN THE N LINE OF THE STATION GROUNDS AND ROXW OF THE ATCHISON TOPEKA AND SANTA FE RAILWAY CO. THE ATCHISON TOPEKA AND SANTA FE RAILWAY CO. THE EXTENDING FROM THE EXTENDED LINE OF SIXTH AVE NUE TO THE ROW OF THE ATCHISON TOPEKA AND SANTA FE TAILWAY CO PARALLEL THTH WALLUT STREET (INTHE CITY OF DEERTELD) AND 150 FT W OF THE WILV LINE OF WALNUT STREET, KEARINY CO |
| Concatenate | 24S34W2 | 24S34W3 | 24S34W3 | 24S34W5 | 24S34W5 | 24S34W5 | 24S34W5 | 24S35W1 | 24S35W11 | 24S35W11 | 24S35W11 | 24S35W11 |
| Section | 7 | m | m | u | 'n | ß | ы | - | Ħ | 11 | п | # |
| Range | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 35W | ЗБW | 35W | 35W | asw |
| Township | 24S | 24S | 24S | 24S | 24S | 24S | 24S | 24S | 24S | 24S | 24S | 24S |
| Page | 552 | 124 | 552 | 103 | 610 | 604 | 124 | 221 | 389 | 578 | 245 | 9 |
| Book | 18 | 20 | 18 | 12 | 12 | 12 | 20 | б | 18 | 18 | 16 | : |
| Date | 12/30/1948 | 10/15/1949 | 12/30/1948 | 2/8/1943 | 10/8/1943 | 9/7/1943 | 10/15/1949 | 9/2/1942 | 4/15/1949 | 5/26/1949 | 10/20/1947 | 4401/71/b |
| Original Lessee | CHAMPLIN REFINING COMPANY | CHAMPLIN REFINING COMPANY | CHAMPLIN REFINING COMPANY | TE O'DONNELL | CHAMPLIN REFINING COMPANY | PHILLIPS PETROLEUM COMPANY | CHAMPLIN REFINING COMPANY | CHAMPLIN REFINING COMPANY | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY | CTTES SERVICE OIL COMPANY | JOE E. DENHAM |
| Original Lessor | GEORGE L POTTER SINGLE | GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION) | GEORGE L POTTER SINGLE | BRYANT GARNAND AND EDITH B GARNAND HIS WIFE, A B WARDEN AND GRACIE MAY WARDEN HIS WIFE | ESTHER B GREEN AND LOGAN N GREEN HER HUSBAND | FLORENCE LILLIAN CRAWFORD EXECUTRS OF THE EXANTE OF W H DAVIS DECEASED AND HARRY J DAVIS ADMINISTRATOR CTA OF THE EFTATE OF W H DAVIS DECEASED | GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION) | THE GARDEN CITY COMPANY | ANICE DICKENS | ARNOLD C. KETTLER | BEULAH M. GRIGGS | C. L. DICKENS ET UX |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 29956000 | 29957000 | 29956000 | 29959000 | 29873000 | 29938000 | 29957000 | 29878000 | 66434000 | 66435000 | 66432000 | 66368000 |

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| Footnote | | | | |
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| County | KEARNY | KEARNY | KEARNY | KEARNY |
| Legal Description | APPROXIMATELY 2 ACS OF LAND DESC AS FOLLOWS; COFTHE FIP MAND THE N SECLINE OF SEC 11: -245: -35W OF THE FIP MAND TO THE POB: TH'S 186 FT, TH'S 55 DESC GOF WE FOR 5: 131. FT TO THE POB: TH'S 186 FT, TH'S 55 DESC OF WT OR POB, TH NTO A POINT WHICH SEC FT SED DETCH ROW, WHICH IS DUE S OF A POINT 300 FT DUE W OF THE POB, TH DUE S OF A POINT 300 FT DUE W OF THE POB, TH DUE S OF A POINT 300 FT DUE W OF THE POB, TH DUE S OF A POINT WHICH ST TH DUE S AND DESC AS COMM AT A POINT WHICH IS THE OF TH WITH TH DUE W 300 FT TO THE FIP MY. TH DUE S AND PARALLEINGTHE FUBLIC HIGHAWAY A DISTANCE OF 3120 FT, TH DUE W 300 FT TO A POINT WHICH IS THE POB. TH DUE W 360 FT TO A POINT WHICH IS THE POB. TH A 244 ACS. LESS AND EXC FROM THE FIR RRST DESCABOUE A PAREL, OF THE A DOINT WHICH IS THE ROB AND AND DESC AS FOLLOWSTO-WITH CONFILED TO THE FOR AND DESC AS FOLLOWSTO-WITH CONFILED TO THE FOR AND DESC AS FOLLOWSTO-WITH A DOINT ON THE N SEC LINE OF SEC LIT-245-35W OF THE ETH PART DESCABOUE TH WATRIGHT ANGLES 126 FT. TH S AT RIGHT ANGLES 100 FT. THE 130 FT. TH S AT RIGHT ANGLES 100 FT. THE 130 FT. TH S AT RIGHT ANGLES 100 FT. THE 130 FT. TH S AT RIGHT ANGLES 100 FT. THE 130 FT. TH S AT RIGHT ANGLES | BEG AT A PNT 1156.9 FT N OF THE SE/C OF SEC 11-245- 35W, OF THE GTH P.M.TH RUNNING DUE W 761.1 FT, TH RUNNING DUE N 385.5 FT TO THE S LINE OF THERAOW OF THE ATCHISO N. TOPECA AND SANTA, FE RR CO. TH RUNNING IN A MELVERE CTION ALONG S LINE OF SAID RUNNING IN A MELVERE CTION ALONG S LINE OF SAID ROW TO E LINE OF SAID SEC 1.1 TH DUE S ALONGE LINE OF SAID SEC 1.1. 658.6 FT TO TH E POB. CONTAINING 9.11 ACSSEC 1.1345-35W, KEARNY CO | A TR OF LAND IN THE NWIA OF SEC 11-245-35W, OF THE ETH PM DESC AS FOLLOWSTO-WIT: BEG AT A POINT ON THE ELUE OF A PUBLIC ROAD RUNNING N FROM THEN END OF MAIN STIN THE TOWN OF DEFERELD, KANSAS, WHICH POINT IS W 1403FT AND S 1 DEG, 14 MINUTES W 924 FT, FROM THE NEC OF THE NWIA OF SADDSECTION 11, TH 4.486 TT, TH 3.2 DEGS, D MINUTES W, 328 FT, TH S 53 DEGS, 20 MINUTES W, 4125 FT, TH 1 DEG, 20 MINUTES L 540.5 FT TO THE POB SEC 11-245-35W, VEARNY CO | 2.45-35W SECTION 11: LOTS 7, 8, 8, 9 IN BLOCK 11 IN THE CITY OF DERFIELD AS SHOWN BY THE RECORDED PAIT THEREOF. AND ALL OF LOT 13 PLAT 3 BEING ALL THAT PART OF SECTION 11, LYING WEST OF THE CITY OF DERFIELD AND THE SOUTH OF THE GREAT EASTERN OTTCH AND NORTH OF THE MANN RADN RTHWING WEST FRAM DERFIELD AND ROWN AS THE SANTA RE TRAIL AND LOCATED IN THE SWUR MN/R AND THE NW/R OF THE SW/R. |
| Concatenate | 24535W11 | 11W36S95 | 24S35W11 | 24535W11 |
| Section | I | # | Ħ | Ħ |
| Range | Se | 35K | . asw | MSE |
| Township | 245 | 24S | 24S | 24S |
| Page | ទួ | 6 | 231 | 267 |
| Book | 5 | # | 16 | ç |
| Date | 10/20/1947 | 4/12/1944 | 10/23/1947 | 7/6/1943 |
| Original Lessee | CTTES SERVICE OIL COMPANY | JOE E. DENHAM | CITIES SERVICE OIL COMPANY | JOE E. DENHAM |
| Original Lessor | CARL MORELAND | H. N. KERR | JOHN JAMES | L G. WAGNER ET UX |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 66428000 | 66370000 | 66431000 | 66367000 |

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| to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC | |
|---|-----------------------------|
| s to Assignment, Conveyance and Bill of Sale between PanHugoton Pa | rtners LLC and BCE-Mach LLC |
| to Assignment, Conveyance and Bill of Sale between | PanHugoton Pa |
| s to Assignment, Conveyance and Bill o | of Sale between |
| s to Assignment, C | onveyance and Bill c |
| 10 | to Assignment, C |
| Exhibit A - Leases | Exhibit A - Leases |

| Footnote | | | | | |
|-------------------|---|--|--|---|--|
| County | KEARNY | ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ ХЧ Х | KEARNY | KEARNY | KEARNY |
| Legal Description | A TR OF UNPLATTED LAND LYING IN THE NW/A OF SEC 11- 245-35W, OF THE GTH PMIN THE TOWN OF DEERFIELD, KANSAS, DEC CAS FOLOWS, TO-WIT BEG AT A POINTWHICHIS THE INTERS ECTION OF THE ELINE OF MAIN ST AND THE N LINE OF 10THA VE OF THE PLATTED TOWN OF DEERFIELD, KANSAS, TH N 19 DE GS 45 2093.5 FT, TH S'0 DEERSIE'D, KANSAS, TH N 19 DE GS 45 2003.5 FT, TH S'0 DEERSIE'D, KANSAS, TH N 19 DE GS 45 2003.5 FT, TH S'0 DEERSIE'D, KANSAY TO TO THE POL, CONT. 78 ACS. | ALL THAT TR OR PARCEL OF LAND STTUATED IN THE COUNTY OF KEARY AND STATEOF KANSAS AND DESC AS DELOWS. TO VATT BEGA ATTHE SCIC OF SEC 11-245- 35W,TH N. VARIATION 11 D EGS 20 MINUTES. 2156 B TT O A POINT, TH S 89 DEGSAY MINUTES. W 761,1 FT O A POINT HERRINAFTER REFERRED TO AS THE POB,TH DUE S 132 FT. TH DUE V324, FT, TH N 10 DEGS 50 MINUTES. W 288 FT,TH S 70 DEGS 00 MINUTES W 557 FT, TH N 20 DEGS 00 MINUTES. W 99 FT, THN 10 DEGS 756,25 FT. TH DUE S 224, FT, TH DUE S 200 MINUTES W 265 SW, 6TH PM BEG AT POINT 761,1 FT W 0FTME E LINE OF SEC 11 AND2156.3 FT N 0F THE S LINE OF SAID SEC 35W, 6TH PM BEG AT POINT 751,1 FT W 0FTME E LINE OF SEC 11 AND2156.3 FT N 0F THE S LINE OF SAID SEC 35W, 6TH PM BEG AT POINT 761,1 FT W 0FTME E LINE OF SEC 11 AND2156.3 FT N 0F THE S LINE OF SAID SCO MINNING TH DIRECTLY. WAS TH FLOLWING SAID ROV W SANTA FE RALWAY, TH POLLOWING SAID ROV W SANTA FE RALWAY, TH FOLLOWING SAID SON TOPECA ND SANTA FE RALWAY, TH FOLLOWING SAID ROV W STARTING COINT 14 STRUGHT S 385.5 FT 07 HE POBLCONT 234.A CRE S. MARNING TO CONVER W THE TERMS OF THIS LEASE ALL LAND OWNED BY SAID COMPANY IN SEC 11-245-350K, KEARYY CO | A TR OF UNPLATTED LAND LYING IN THE NW/4 SEC 11245 350 OF THE GTH PAILIN THE TOWN OF DE BERRIED. KANSAS AND DES C AS FOLLOWS, TO-WT: BEG AT APOINT ON THE NLINE OF 10TH AVE AND THE E LINE OF MAIN N5, TH N 12 DEGSA5' W, 2 9.1-12 FT, TH N 46 DEGS 56' E, 102- 9/20 FT, TH N 24 DEG 525' E, 256-5010 FT, TH S 13 DEGS 45' E, 323 FT, TH S 70 DEGS, 15' W,280 FT OT THE POB SEC 11- 245-35W, KEARIN' CO | COMM AT A PONT ON THE NEE CLIFE OF SEC 11-245- 35W, OF 6TH PM AND 1200 FTE OF THE NWC OF SAID SEC. TH 5 1331, FTT O THE POB, TH WA AT RIGHT ANGLESISO FT, TH S AT RIG HT ANGLES 100 FT, TH E 150 FT, TH N 100 FTT OT PHE POB, COMT 35 ACRES, ML SEC 11- 745-35W, KEARNY CO | 245-35W SECTION 11: NE/4, S/2 N/2 SE/4 AS AMENDED BY CORRECTION OF DESCRIPTION IN OIL AND GAS LEASE DATED 4/23/1949, RECORDED IN BOOK 18, PAGE 352 |
| Concatenate | 24S35W11 | 24S35W11 | 24535W11 | 24S35W11 | 24S35W11 |
| Section | 1 | я | Ħ | Ħ | Ħ |
| Range | 35W | Nge | 35W | asw | 35W |
| Township | 24S | S72 | 24S | 24S | 24S |
| Page | 230 | φ | 246 | 229 | 386 |
| Book | 16 | ព្ | 16 | 16 | თ |
| Date | 10/22/1947 | 5/18/1949 | 7461/02/01 | 10/23/1957 | 12/11/1942 |
| Original Lessee | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY |
| Original Lessor | אורדסא כרעאג בד עג | NATIONAL ALFALFA DEHYD MILL CO. | P.W.HAGLER | RICHARD LANDON | THE GARDEN CITY COMPANY |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 66430000 | 000967999 | 66433000 | 66429000 | 66362000 |

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| Legal Description County Footnote | 11-24S-35W, COMMENCING AT A | WU COLOR STATIST FIT AL MORE GEF TT HS 6128 TT TH M A SWULY GEF TT HS 6128 TT TH M A SWULY O FT TO THE SEUC GA TRACT OF WWARANTY DEED DTD 5-19- WWARANTY DEED DTD 5-19- WWARANTY DEED DTD 5-19- WARANTY DEED DTD 5-19- WARANTY DEED DTD 5-19- WH N A A STATIO THE W SEC U NO F GE 211-245-35W,KEARYY CO | | | | | | | | | | | | | |
|---|---|---|--|---|--|---|---|---|--|--|--|---|--|--|--|
| A TR OF LAND IN SEC 11-24S-35W, COMMENCING AT A | | 0 E OF ING | | | | | | | | | | | | | |
| A TR OF LAND IN SEC 11-245-35W, COMMENCING AT A PNT 243 FT E OF THE KUNC OF SAID SEC, TH E ALONG THE N SEC LINE OF SAID SEC 97, FT, H Z 1.331 FT, TH W 200 FT, TH N 11 FT, TH W 366 FT, TH S 416 FT, TH IN A SWLY PIDERTIPIAN ADDATACAT TO THE SELIC FT, TH IN A SWLY | LAND CONFEED BY WARANTY FEED JUTD 5-13- LAND CONFEED BY WARANTY FEED JUTD 5-13- 23.EXECUTED BY FRANK N LAROSH AN D OTHERS T FRANK G WEST AND RECORDED IN BK 24.PG 66, TH N FT, TH N 4342 FT 14 N 1352, FT ALONG THE W SEC U N SAID SECTH E 243 FT, TH N 1352, FT ALONG THE W SEC U N 2013 SECTH E 243 FT, TH N 243 FT D POB, CONTAIN 2013 SECTH E 243 FT, TH N 243 FT D POB, CONTAIN | | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHE I KEARNY CO | ALL THAT TRACT OF LAND COMPRIS EASTER N CANALI N & ACROSSTHEI REASTER N CANALI N & ACROSSTHEI REASTER N CANALI N & ACROSSTHEI RENCIPAL M ERIDIAN, AT DEERFELD AND STITTE N THE SIZSEC 11.24 AND SONTA FE RALLWAY CO. AS SA AND SANTA FE RALLYAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLYA TO SALL AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SANTA FE RALLWAY FE RALLWAY CO. AS SANTA FE RALLWAY | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI KEARY CO KEARY CO ALL THAT CERTAIN STRIP: TR OR PA AND STIUATE IN THE SIZSEC 1.1.2 AND SONE PARTICULARLY DEERFELD AND NORE PARTICULARLY DEERFELD LAND 30 FT INWIDTH LYING 150 FT CENTER LINK OF THE MAIN TR OF THE AND CONSTRUCTED AND ESC AS AND SANTA FE RALLWAY CO. AS SA AND CONSTRUCTED AND ESC AS AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY FE RALLWAY FE FE FE FE FE RALLWAY FE | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI REASTER N CANAL IN & ACROSSTHEI REASTER N CANAL IN & ACROSSTHEI AND STIUTTE IN THE SIZES C1.2.4 AND STIUTTE IN THE SIZES C1.2.4 AND SONTA FE RALLWAY C0. AS SA AND SANTA FE RALLWAY SANTA FE RALLWAY SA AND SANTA FE RALLWAY FE RALLWAY SANTA FE RALLWAY SANTA FE RALLWAY FE RALLWAY SANTA FE RALLWAY FE RALLWAY SANTA FE RALLWAY FE RALLWAY FE RALLWAY FE RALLWAY FE RALLWAY SANTA FE RALLWAY FE RAL | ALL THAT TRACT OF LAND COMPRIS EASTERN CANALIN & ACROSSTHEI KEANY CO. KEANY CO. ALL THAT CERTAIN STRIP. TR OR PA. AND STIUATE IN THE SIZEE 11.3.0 PRINCIPAL MERDIAN. AT DEERFELD AND SOME PARTICULARY DEERFELD LAND 300FT INWUTH LYING 150 FT CENTER LINE OF THE MAIN TR OF THE AND SANTA FE RALLWAY CO. AS SA AND CONSTRUCTED AND ENTEND AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA AND CONSTRUCTED AND ENTEND AND AND CONSTRUCTED AND ENTEND AND AND AND AND AND AND AND AND AND AND | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI REASTER N CANAL IN & ACROSSTHEI READED STEP N CANAL IN & ACROSSTHEI AND STIUTTE IN THE SIZSEC 1.1.2. AND SOFT THE MAIL THE SIZSEC 1.1.2. AND SOFT THE MAIL THE SIZSEC 1.1.2. AND SOFT THE MAIL TO AND SOFT AND SANTA FE RAILWAY CO. AS SA AND SANTA FE RAILWAY CO. AS SA SANTA FE CO. SA VO FTHE PUBL T & S F RA CO. & W OF THE PUBL T & S F S F RA CO. & W OF THE PUBL T & S F S F RA CO. & W OF THE PUBL T & S F S F RA CO. & W OF THE PUBL T & S F S F RA CO. & W OF THE PUBL T & S F S F RA CO. & W OF THE PUBL T & S F S F RA F F F F F F F F F F F F F F F F F | ALL THAT TRACT OF LAND COMPRIS EASTER N CANALI N & ACROSSTHEI (KERNY CO ALL THAT CERTAIN STRIP: TR OR PA AND STITUTE IN THE SIZES C1.3-C PRINCIPAL M ERIDIAN, AT DEERFIELD AND SOFT THWUTH LYING 15:0 FT CENTER LINE OF THE MAIN TR OF TH AND CONSTRUCTED AND ESC CA AND SANTA FE RALWAY' CO. AS SA AND CONSTRUCTED AND EXCTONA.40 ENGINEERS, LOCATION STATOV24(ENGINEERS, LO | ALL THAT TRACT OF LAND COMPRIS EASTERN CANALIN & ACROSSTHEI (KERNY CO. KERNY CO. KERNY CO. AND STIUTTE IN THE SIZESC 1.1.2 AND SONE PARTICULARLY DEERFELD AND SONE TRATICULARLY DEERFELD LAND 30F FINWIDTH LYING 15 DF T CENTER LINW CO. AS SA AND SANTA FE RALLWAY CO. AS SA SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA SANTA FE RALLWAY CO. AS SA SA SA SANTA FE RALLWAY CO. AS SA SA SA SANTA FE RALLWAY CO. AS SA SA SA SA SA SA SA SANTA FE RALLWAY SA | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI (KEANY CO READ STILTTAT CERTAIN STRI): TR OR PA AND STILTTEAT OF LAND STRIP: TR OR PA AND STILTTE IN NUTURI THE SIZES C1.2. AND DONG FIRATIOLLARLY DESE CAS AND SANTA FE RAILWAY CO. AS SA AND SANTA FE RAILWAY CO. AS SA SANTA FE RAILWAY SA SA SA SA SA SANTA FE RAILWAY SA SA SA SA SA SA SANTA SA | ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL N & ACROSSTHE! REASTER N CANAL N & ACROSSTHE! READ STUATE IN THE SIZES C1.3. AND STIATTE IN THE SIZES C1.3. AND STRIPT R OF TH AND STRIPT OF THWING 1.50 FT CENTER LINE OF THE MAIN TR OF TH AND CONTENCTER LAND Y C0. AS SA AND SONTA FE RALIWAY C0. 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| 6/1/1943 | | 4/18/1949 | | 4/25/1950 | 4/25/1950 | 4/25/1950 10/20/1943 7/24/1947 | 4/25/1950 4/25/1950 10/20/1943 7/24/1943 5/28/1943 | 4/25/1950 4/25/1950 10/20/1943 5/28/1943 6/1/1943 | 4/25/1950 4/25/1950 10/20/1943 7/24/1943 6/1/1943 8/7/1944 | 4/25/1950 10/20/1943 10/20/1943 5/28/1943 6/1/1943 9/7/1944 | 4/25/1950 4/25/1950 10/20/1943 5/28/1943 6/1/1943 6/1/1943 8/7/1944 8/26/1944 | 4/25/1950 4/25/1950 10/20/1943 7/24/1947 5/28/1943 6/1/1944 8/2/1942 9/1/1942 | 4/25/1950 4/25/1950 10/20/1943 7/24/1943 5/21943 6/1/1944 8/7/1944 8/7/1943 8/7/1943 | 4/25/1950 4/25/1950 10/20/1943 5/28/1943 5/28/1943 6/1/1944 8/7/1944 8/7/1944 8/7/1943 8/7/1943 8/7/1943 | 4/25/1950 4/25/1950 10/20/1943 7/24/1947 5/28/1943 6/1/1943 6/1/1943 8/7/1941 8/7/1943 8/7/1943 8/7/1943 |
| JOE E. DENHAM | | | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM | CITIES SERVICE OL COMPANY CITIES SERVICE OL COMPANY JOE E DENHAM CHAMPLIN REFINING COMPANY | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM | CITIES SERVICE OL COMPANY CITIES SERVICE OL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM FRED C. KOCH | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM FRED C. KOCH FRED C. KOCH | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM FRED C. KOCH FRED C. KOCH J. E. ODONNELL | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM J. L. O'DONNELL J. E. O'DONNELL CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM J. L. O'DONNELL CITIES SERVICE OIL COMPANY J. E. O'DONNELL | CITIES SERVICE OIL COMPANY JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM FRED C. KOCH FRED C. KOCH | CITIES SERVICE OIL COMPANY CITIES SERVICE OIL COMPANY JOE E. DENHAM LOE E. DENHAM JOE E. DENHAM JOE E. DENHAM JOE E. DENHAM FRED C. KOCH J. E. ODONNELL CITIES SERVICE OIL COMPANY J. E. ODONNELL J. E. ODONNELL |
| | THE GARDEN CITY COMPANY | THE UNITED STATES IBBIGATING | | ö | | | | | | | | | | | |
| | LEASE - OIL AND GAS | | LEASE - OIL AND GAS | | | | | | | | | | | | |
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|----------------------|---------------------|--|---------------------------------|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 29968000 62816000 | LEASE - OIL AND GAS | T. H. SEHORN | JOE E. DENHAM | 5/28/1943 | 10 | 71 | 24S | 36W | 18 | 24S36W1B | 245-36W SECTION 18: SE/4 | KEARNY | |
| 29824001 | LEASE - OIL AND GAS | C. A. LOUCKS AND RHODA D. LOUCKS. HIS WIFE | J. E. O'DONNELL | 1/11/1941 | ω | 198 | 24S | 36W | 89 | 24S36WB | 24S-36W SECTION B: NW/4 | KEARNY | |
| 29824002 | LEASE - OIL AND GAS | C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE | JOE E. DENHAM | 4/12/1943 | 8 | 469 | 24S | 36W | 80 | 24S36W8 | 245-36W SECTION 8: NE/4 | KEARNY | |
| 29824004 | LEASE - OIL AND GAS | C. E. BEYER ET UX | GULF OIL CORPORATION | 6/7/1945 | 13 | 32 | 24S | 36W | 8 | 24S36WB | 24S-36W SECTION 8: SE/4 | KEARNY | |
| 29824003 63622000 | LEASE - OIL AND GAS | FERN WRAY KLEIHEGE, A SINGLE WOMAN | JOE E. DENHAM | 4/16/1943 | σ | 503 | 24S | 36W | æ | 24S36WB | 245-36W SECTION B: SW/4 | KEARNY | |
| 30111000 | LEASE - OIL AND GAS | S. A. TATE, ET AL | P. S. MCCORMICK | 4/12/1946 | 14 | 64 | 24S | 38W | 9 | 24S3BW6 | 245-38W SECTION 7: LOTS 6 AND 7 AND THE E/2 SW/4 | KEARNY | |
| 30112000 | LEASE - OIL AND GAS | WILL P. ROTH ET UX | P. S. MCCORMICK | 4/12/1946 | 14 | 65 | 24S | 38W | 7 | 24S3BW7 | 24S-38W SECTION 7: NE/4 | KEARNY | |
| 29887001 | LEASE - OIL AND GAS | JOHN J THOMAS A WIDOWER | CHAMPLIN REFINING COMPANY | 11/28/1950 | 21 | 493 | 255 | 32W | 19 | 25S32W19 | 25S-32W Sec. 19: Lots 3 & 4: E/2 S/W/4: SE/4 (being the entire S/2) | FINNEY | |
| 29887002 | LEASE - OIL AND GAS | T W GATLIN AND WIFE LEONE B GATLIN | J E O'DONNELL | 7/14/1943 | 12 | 377 | 255 | 32W | ę | 25S32W19 | 255-32W Sec. 19: N/2 | FINNEY | |
| 29919000 | LEASE - OIL AND GAS | EUNICE I POTTER AND ROY POTTER HER HUSBAND | CHAMPLIN REFINING COMPANY | 9/8/1950 | 21 | 402 | 25S | 32W | 21 | 25S32W21 | 255-32W Sec. 21: E/2 | FINNEY | |
| 29920000 67635000 | LEASE - OIL AND GAS | FRANK L STALEY AND ANNA L STALEY HIS WIFE | FRED C. KOCH | 4/6/1944 | 13 | 237 | 25S | 32W | 21 | 25S32W21 | 25S-32W Sec. 21: WEST HALF LESS AND EXCEPT OIL RIGHTS IN THE SW/4 | FINNEY | |
| 29962000 65518000 | LEASE - OIL AND GAS | BENJAMIN BULLARD AND LOUISE H BULLARD HIS WIFE | FRED C. KOCH | 4/14/1944 | 13 | 320 | 25S | 32W | 28 | 25S32W28 | 255-32W Sec. 28: NW/4 | FINNEY | 39 |
| 29960000 | LEASE - OIL AND GAS | ROY POTTER AND EUNICE I POTTER HUSBAND AND WIFE | JE O'DONNELL | 4/6/1944 | ę | 246 | 25S | 32W | 28 | 25S32W28 | 255-32W Sec. 28: E/2 | FINNEY | |
| 29961000 | LEASE - OIL AND GAS | THOMAS A SPENCE AND LIDA SPENCE HUSBAND AND WIFE | J E O'DONNELL | 4/12/1944 | E | 288 | 255 | 32W | 28 | 25S32W2B | 255-32W Sec. 28: SW/4 | FINNEY | |
| 29950000 | LEASE - OIL AND GAS | ANNA D SCHEER A WIDOW | J E O'DONNELL | 9/4/1941 | Ħ | 370 | 25S | MEE | 28 | 25S33W28 | 25S-33W Sec 28: N/2: SE/4 | FINNEY | |
| 29951000 | LEASE - OIL AND GAS | ERNEST MOODY SINGLE | J E O'DONNELL | 8/23/1941 | п | 339 | 255 | MEE | 28 | 25S33W28 | 255-33W Sec. 28: SW/4 | FINNEY | |
| 29844000 | LEASE - OIL AND GAS | EARNEST C MOODY SINGLE | J E O'DONNELL | 8/23/1941 | 11 | 340 | 255 | MEE | 29 | 25S33W29 | 25S-33W Sec. 29: N/2 | FINNEY | |
| 29951000 | LEASE - OIL AND GAS | ERNEST MOODY SINGLE | J E O'DONNELL | 8/23/1941 | Ħ | 339 | 25S | MEE | 29 | 25S33W29 | 255-33W Sec 29: 5/2 | FINNEY | |
| 30417000 94809000 | LEASE - OIL AND GAS | ORANGE J BROWN AND AUGUSTA BROWN HIS WIFE | NORTHERN NATURAL GAS COMPANY | 10/29/1940 | п | 156 | 25S | 34W | 15 | 25S34W15 | 255-34W Sec. 15: NE/4; NW/4; SE/4; SW/4 | FINNEY | бE |
| 29838001 | LEASE - OIL AND GAS | UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KS 14595(M) | C M LANE | 12/1938 | 16 | 589 | 25S | 34W | 32 | 25S34W32 | 255-34W Sec. 32: E/2 SE/4; N/2; W/2 SE/4; SW/4; | HINNEY | |
| 29860002 | LEASE - OIL AND GAS | STELLA MAY SUTTON AND FRED SUTTON HER HUSBAND | WHITE EAGLE OIL COMPANY | 4/5/1946 | 15 | 316 | 25S | 34W | 33 | 25S34W33 | 255-34W Sec 33: S/2 SW/4; S/2 SE/4 | FINNEY | |
| 29860001 | LEASE - OIL AND GAS | STELLA SUTTON AND FRED SUTTON HER HUSBAND AND GEORGE H SINN AND MARGUERITE SINN HIS WIFE | JE O'DONNELL | 9/25/1941 | 11 | 435 | 255 | 34W | 33 | 25S34W33 | 255-34W Sec. 33: N/2 SE4; N/2 SW/4; NE/4; NW/4 | FINNEY | |
| 29911000 64583000 | LEASE - OIL AND GAS | BELLE B BAHNTGE ET AL | FRED C. KOCH | 3/2/1944 | Ħ | 12 | 255 | 36W | 2 | 25S36W2 | 25S-36W SECTION 2: SVV/4 | KEARNY | |
| 29928000 | LEASE - OIL AND GAS | C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE | J. E. O'DONNELL | 8/1/1941 | 8 | 356 | 25S | 36W | 2 | 25S36W2 | 25S-36W SECTION 2: LOTS 1, 2, AND THE SW/W NE/4 | KEARNY | |
| 29912000 | LEASE - OIL AND GAS | ELLA CONDRA | FIN-KER OIL & GAS | 3/16/1940 | 7 | 428 | 25S | 36W | 2 | 25S36W2 | 25S-36W SECTION 2: SE/4 | KEARNY | |
| 29915000 64599000 | LEASE - OIL AND GAS | J. B. CARMICHAEL | STANOLIND OIL & GAS COMPANY | 4/18/1944 | п | 99 | 25S | M9E | 2 | 25S36W2 | 25S-36W SECTION 2: NW/4 NW/4 | KEARNY | |

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| Original Lessee |
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| 4/12/1940 7 |
| 3/28/1944 |
| 3/14/1944 11 |
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| 11/25/1944 14 |
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| 11 1/9/1341 |
| 5/5/1945 15 |
| 6/29/1944 14 |
| 9/22/1941 11 |
| 2/6/1943 12 |

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| Agreement Type Original Lessor | Original Les | sor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|--|---|---|-----------------|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| LEASE - OIL AND GAS JOHN W NOLAN AND GLADYS F NOLAN JE O'DONNELL HIS WIFE | | JE O'DONNELL | | 11/1941 | Ħ | 385 | 26S | 34W | 15 | 26S34W15 | 265-34W Sec. 15: N/2 | FINNEY | |
| LEASE - OIL AND GAS MAGNOLIA PETROLEUM COMPANY CHAMPLIN REFINING COMPANY | CHAMPLIN REFINING COMP | CHAMPLIN REFINING COMPANY | | 8/1/1946 | 15 | 542 | 26S | 34W | 15 | 26S34W15 | 26S-34W Sec. 15: N/2 | FINNEY | |
| LEASE - OIL AND GAS JOHN W NOLAN AND GLADYS F NOLAN J E O'DONNELL HIS WIFE | J E O'DONNELL | | | 9/11/1941 | 11 | 385 | 26S | 34W | 16 | 26S34W16 | 26S-34W Sec 16: 5/2 | FINNEY | |
| LEASE - OIL AND GAS MAGNOLLA PETROLEUM COMPANY CHAMPLIN REFINING COMPANY | CHAMPLIN REFINING COMF | CHAMPLIN REFINING COMPANY | | 8/1/1946 | 15 | 543 | 26S | 34W | 16 | 26S34W16 | 26S-34W Sec 16: S/2 | FINNEY | |
| G M TAYLOR | G M TAYLOR | | | 12/31/1938 | N/A | N/A | 265 | 34W | 16 | 26S34W16 | 265-34W Sec. 16: N/2 | FINNEY | |
| LEASE - OIL AND GAS MAXINE D JONES AND JOHN C JONES HOWARD KUHN | | HOWARD KUHN | | 11/2/1943 | 12 | 639 | 26S | 34W | 19 | 26S34W19 | 26S-34W Sec 19: All | FINNEY | |
| CLAUDE D WHITFIELD, SOLE AND ONLY HEIR OF IDA R WHITFIELD DECEASED AND NORMA A WHITFIELD, WIFE OF CLAUDE D WHITFIELD, WIFE OF CLAUDE D WHITFIELD | CHAMPLIN REFINING COM | CHAMPLIN REFINING COMPANY | 1 | 1/15/1948 | 17 | 2 | 265 | 34W | ß | 26S34W5 | 265-34W Sec. 5: Lots 1 & 2: 5/2 NE/4 | HINNEY | |
| LEASE - OIL AND GAS MOODY & RUBY MOODY ANUEL CHESTER O MOODY & RUBY MOODY ANUEL ET AL | CHAMPLIN REFINING COM | CHAMPLIN REFINING COMPANY | | 6/20/1949 | 19 | 328 | 26S | 34W | ß | 26S34W5 | 265-34W Sec. 5: Lots 3 & 4; 5/2 NW/4 | FINNEY | |
| LEASE - OIL AND GAS EARNEST C MOODY, SINGLE; CHESTER O MOODY & RUBY MOODY HIS WIFE, ET AL | CHAMPLIN REFINING COM | CHAMPLIN REFINING COMPANY | 1 | 6/20/1949 | 19 | 324 | 26S | 34W | ы | 26S34W5 | 265-34W Sec. 5: Lots 1 & 2; S/2 NE/4 | FINNEY | |
| LEASE - OIL AND GAS THOMAS H KEPHART SINGLE JE O'DONNELL | THOMAS H KEPHART SINGLE | JE O'DONNELL | | 8/21/1941 | 11 | 309 | 26S | 34W | 5 | 26S34W5 | 26S-34W Sec. 5: S/2 | FINNEY | |
| LEASE - OIL AND GAS CLEE REEVE A WIDOWER JE ODONNELL | C LEE REEVE A WIDOWER | J E O'DONNELL | | 8/1/1941 | Ħ | 312 | 26S | 34W | 7 | 26S34W7 | 26S-34W Soc. 7: NE/4 | FINNEY | 39 |
| LEASE - OIL AND GAS EARL W CAMPBELL ET AL PRODUCTION COMPANY | | THE FIN-KER OIL & GAS PRODUCTION COMPANY | | 3/25/1947 | 16 | 258 | 26S | 34W | 7 | 26S34W7 | 26S-34W Sec. 7: Lots 3 & 4: E/2 SW/4: SE/4 | FINNEY | |
| LEASE - OIL AND GAS JAMES YEISER A SINGLE MAN AND E O'DONNELL RYLAND D BEDFORD A SINGLE MAN J E O'DONNELL | | J E O'DONNELL | | 9/6/1941 | 11 | 444 | 26S | 34W | 8 | 26S34W8 | 26S-34W Soc 8: 5/2 NE/4: N/2 NE/4: S/2: NW/4 | FINNEY | |
| LEASE - OIL AND GAS ED M WATKINS AND MABEL E WATKINS JOE E. DENHAM HIS WIFE | | JOE E. DENHAM | | 4/20/1943 | e | 580 | 28S | 33W | 26 | 28S33W26 | 285-33W Sec. 26: SW/4 | HASKELL | 7 |
| LEASE - OIL AND GAS R. E. WINTER ET AL COMPANY COMPANY | R. E. WINTER ET AL COMPANY | NORTHERN NATURAL GAS COMPANY | | 7/16/1953 | 13 | 64 | 28S | 34W | 1 | 28S34W1 | 28S-34W SECTION 1: E/2 | HASKELL | 2 |
| LEASE - OIL AND GAS EQUAL ROYALTY HOLDING COMPANY AND JOE E. DENHAM ROYALTY HOLDING COMPANY | | JOE E. DENHAM | | 5/10/1944 | 9 | в | 28S | 34W | 29 | 28S34W29 | 28S-34W Sec. 29: SE/4 | HASKELL | и |
| LEASE - OIL AND GAS FRANK MCCOY AND ETTA MCCOY HIS CITIES SERVICE OIL COMPANY WIFE | FRANK MCCOY AND ETTA MCCOY HIS WIFE | CITIES SERVICE OIL COMPANY | | 11/9/1942 | 3 | 504 | 28S | 34W | 29 | 28S34W29 | 28S-34W Sec. 29: 5E/4 | HASKELL | 7 |
| LEASE - OIL AND GAS E M GREGG ET AL HELMRICH & PAYNE INC | | HELMRICH & PAYNE INC | | 8/20/1935 | 9 | 295 | 28S | 34W | 32 | 28S34W32 | 2BS-34W Sec. 32: SW/4 | HASKELL | 7 |
| LEASE - OIL AND GAS EQUAL ROYALTY COMPANY AND JOE E. DENHAM ROYALTY HOLDING COMPANY JOE E. DENHAM | EQUAL ROYALTY COMPANY AND ROYALTY HOLDING COMPANY | JOE E. DENHAM | _ | 5/10/1944 | 9 | m | 28S | 34W | 32 | 28S34W32 | 285-34W Sec. 32: NW/4 | HASKELL | 2 |
| LEASE - OIL AND GAS FRANK MCCOY AND ETTA MCCOY HIS CTTES SERVICE OIL COMPANY WIFE | - | CITIES SERVICE OIL COMPANY | | 7/28/1945 | 9 | 591 | 28S | 34W | 32 | 28S34W32 | 2BS-34W Sec. 32: NE/4 | HASKELL | 2 |
| LEASE - OIL AND GAS FRANK MCCOY AND ETTA MCCOY HIS CITES SERVICE OIL COMPANY WIFE | FRANK MCCOY AND ETTA MCCOY HIS WIFE | CITIES SERVICE OIL COMPANY | | 11/9/1942 | 3 | 504 | 28S | 34W | 32 | 28S34W32 | 28S-34W Sec. 32: NW/4 | HASKELL | 2 |
| LEASE - OIL AND GAS ELLENA FLORENCE TILLER A WIDOW UNITED PRODUCING COMPANY INC | ELLENA FLORENCE TILLER A WIDOW | UNITED PRODUCING COMPANY INC | | 1/15/1943 | ĸ | 514 | 29S | 34W | 10 | 29S34W10 | 295-34W Sec. 10: NW/4 SVA; NW/4, S/2 SW/4 Limited to the weight of the MLP Titler A-2 (API 1508121616 | HASKELL | æ |
| LEASE - OIL AND GAS S HOWELL BEING THE SAME PERSON UNITED PRODUCING COMPANY AS SAMUEL B HOWELL AND SUSIE H HOWELL HIS WIFE ET AL | S B HOWELL BEING THE SAME PERSON AS SAMUEL B HOWELL AND SUSIE H HOWELL HIS WIFE ET AL | UNITED PRODUCING COMPANY INC | | 1/12/1943 | m | 540 | 29S | 34W | 10 | 29S34W10 | 295-34W Sec. 10: 554 Limited to the wellbore of the MLP Titler A-2 (API 1508121616) | HASKELL | ю |

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| County | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL | HASKELL |
| Legal Description | 295-34W Sec. 11: SW/4; E/2 NW/4 | 295.34W Sec. 12: SW/4 | 295-34W Sec 13: N2 | 295-34W Sec. 13: SW/4 | 295-34W Sec. 13: SE/4 | 295-34W Sec. 14: SW/4 | 295-34W Sec. 14: SE/4 | 295-34W Sec. 14: NE4: NW/4 | 295-34W Sec. 14: NE/4 | 295-34W Sec. 14: NW/4 | 295-34W Sec. 22: S/2 NE/4: NE/4: NE/4 | 295-34W Sec. 26: SW/4 SE/4: S/2 SE/4 SE/4: S/2 NE/4 SE/4: N/2 SE/4 SE/4: N/2 NW/4 SE/4: S/2 NE/4 SE/4: N/2 SE/4 SE/4: N/2 NW/4 SE/4: N/2 NE/4 SE/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121170), and MLP 1508121172), MLP Santala A-1-26 (API 1508120868) | 295-34/V Sec. 26: NW/4 NW/4: SV/4 NW/4: SE/4 NW/4: SE/4 NE/4: NE/4 NW/4: S/2 SV/4 NE/4: N/2 SV/4 NE/4: N/2 NE/4 Limited to the wellborcs of the MLP Santial 2-36 (API 1508121177), MLP Santial 3-26 (API 1508120150), and MLP Santial A-1-26 (API 1508120150) | 295-34W Sec. 26: SW/4 Limited to the wellbores of the NLP Santala 2-36 (AP) 1508121172), NLP Santala 3-26 (API 1508120150), and MLP Santala A-1-26 (API 1508120858) | Less and except the wellbores of the MLP Santala 2-36 (API 15081211772, MLP Santala 3-35 (API 1508121170), and MLP Santala A-1-26 (API 1508120858) |
| Concatenate | 29S34W11 | 29S34W12 | 29S34W13 | 29S34W13 | 29S34W13 | 29S34W14 | 29S34W14 | 29S34W14 | 29S34W14 | 29S34W14 | 29S34W22 | 29S34W26 | 29S34W26 | 29S34W26 | 29S34W27 |
| Section | Ħ | 12 | 13 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 22 | 56 | 98 | 26 | 27 |
| Range | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W |
| Township | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S | 29S |
| Page | 9 | 407 | 530 | 517 | 509 | 489 | 234 | 230 | 232 | 221 | 183 | 537 | 511 | 539 | 178 |
| Book | 4 | m | m | m | m | 4 | 2 | 'n | 2 | 2 | 2 | m | m | m | м |
| Date | 1/13/1943 | 12/18/1942 | 1/12/1943 | 1/11/1943 | 1/13/1943 | 3/20/1944 | 4/23/1934 | 12/2/1944 | 4/23/1934 | 4/23/1934 | 4/25/1934 | 1/11/1943 | 1/1/1943 | 2/22/1943 | <i>5/7/</i> 1934 |
| Original Lessee | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | ALDEN W FOSTER | UNITED PRODUCING COMPANY INC | ALDEN W FOSTER | ALDEN W FOSTER | ALDEN W FOSTER | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | UNITED PRODUCING COMPANY INC | ALDEN W FOSTER |
| Original Lessor | KATHARINA STUCKY A WIDOW: SOLOMON S STUCKY AND CELIA STUCKY HIS WIFE ET AL | CHARLES KOENIG AND HULDAH KOENIG HIS WIFE | GRACE HUNGATE A WIDOW: MYRON L HUNGATE AND GLADYS HUNGATE HIS WIFE ET AL | PEARL D. WRIGHT AND S. EDMUND WRIGHT | PEARL WARNER ET AL | FRED W SCHROEDER A SINGLE MAN | J B WRIGHT AND LAURA A WRIGHT HIS WIFE | MYRON YUNCKER A SINGLE MAN AND AN INCOMPETENT PERSON BY EMMA R YUNCKER GUARDIAN OF HIS PERSON AND ESTATE | WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE | WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE | NONA WHITNAH A SINGLE LADY | CHAS E LESUE AND MYRTLE I LESUE HIS WIFE | FRANK MCCOY AND ETTA MCCOY HIS WIFE | SOUTHWESTERN COLLEGE A CORPORATION | HANNAH FOSTER A SINGLE WOMAN |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 30070000 | 30043000 | 30076000 | 82815000 | 82816000 | 30069000 | 30068000 | 30065001 | 30065003 | 30065002 | 30087000 67290000 | 30064000 | 30063000 67311000 | 30062000 | 30088000 67295000 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------------------|---------------------|---|------------------------------------|-----------------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 30089000 62596000 | LEASE - OIL AND GAS | RUBY GRACE SCHMITT AND H M SCHMITT HER HUSBAND | ALDEN W FOSTER | 4/25/1934 | 2 | 171 | 29S | 34W | 27 | 29S34W27 | 29S-34W Sec. 27: SVV/4 SVV/4: NVV/4 SVV/4; E/2 SVV/4 | HASKELL | 2 |
| 30990000 67297000 | LEASE - OIL AND GAS | MRS CHARLES KOENIG AND CHARLES KOENIG HER HUSBAND | ALDEN W FOSTER | 5/12/1934 | 2 | 166 | 29S | 34W | 28 | 29534W2B | 295-34W Sec. 28: SEA SEA: E2 NW/4 SE4: E7 NEA SE4: W/2 NE4 SE4: W/2 NW/4 SE4: SW/4 SE4: W/2 NE4 LESS AND EXCEPT THE MLP KOENING 1-28 WELL (API 15-081-21079) AND THE MLP KOENING 2-28 WELL (API 15-081-21077) | HASKELL | м |
| 30082000 | LEASE - OIL AND GAS | JOHN D G STUCKY AND SOPHIA STUCKY HIS WIFE | UNITED PRODUCING COMPANY INC | 9/1/1943 | 4 | 349 | 29S | 34W | 29 | 29S34W29 | 295-34VV Sec. 29: NE/4 | HASKELL | 2 |
| 30060000 67316000 | LEASE - OIL AND GAS | C L HUXMAN AND FLORENCE HUXMAN HIS WIFE | UNITED PRODUCING COMPANY INC | 2/26/1944 | 4 | 444 | 29S | 34W | 34 | 29S34W34 | 295-34W Sec. 34: S/2 SW/4 SE/4; S/2 NW/4 SE/4; N/2 NW/4 SE/4; E/2 SE/4 | HASKELL | и |
| 30059000 67298000 | LEASE - OIL AND GAS | JAMES F MOYER AND WIFE ANNA MOYER | ALDEN W FOSTER | 5/21/1934 | 2 | 192 | 29S | 34W | 34 | 29S34W34 | 295-34VV Sec. 34: NW/4 | HASKELL | 2 |
| 30061000 67318000 | LEASE - OIL AND GAS | M E THRELKELD AND J D THRELKELD HER HUSBAND | JOE E. DENHAM | 8/9/1943 | 4 | 312 | 29S | 34W | 34 | 29S34W34 | 295-34V/ Soc. 34: SW/4 SW/4; NW/4 SW/4; E/2 SW/4 | HASKELL | 2 |
| 30102001 67319001 | LEASE - OIL AND GAS | CLARA VAIL A WIDOW; OLUS H VAIL AND MYRA VAIL HIS WIFE ET AL | UNITED PRODUCING COMPANY INC | 10/14/1944 | ŝ | 287 | 29S | 34W | 35 | 29S34W35 | 295-34W Sec 35: SW/4 SW/4; SW/4 NW/4; SW/4; NW/4: E/2 W/2: E/2 | HASKELL | 2 |
| 30102003 67319003 | LEASE - OIL AND GAS | EUROMEX OIL COMPANY INC | W B OSBORN | 5/25/1946 | 2 | 327 | 29S | 34W | 35 | 29S34W35 | 295-34W Sec 35: SW/4 SW/4; SW/4 WW/4; NW/4 SW/4; NW/4 WW/4; E/2 W/2; E/2 | HASKELL | 2 |
| 30102002 67319002 | LEASE - OIL AND GAS | JOHN J FLEET AND JUANIECE FLEET HIS WIFE AND HAZEL T FLEET, EXECUTRIX OF THE ESTATE OF D F FLEET DECEASED | W B OSBORN | 12/14/1944 | 9 | 260 | 29S | 34W | 35 | 29S34W35 | 295-34W See 35: E12 W12: E12: NW14 SW14 SW14: SW14 SW14: NW14 NW14 | HASKELL | 2 |
| 30102004 67319004 | LEASE - OIL AND GAS | W B OSBORN AND JEWEL H OSBORN HIS WIFE | UNITED PRODUCING COMPANY INC | 12/14/1946 | 2 | 585 | 29S | 34W | 35 | 29S34W35 | 295-34W Sec 35: NW/4 SW/4; SW/4 NW/4; NW/4; E/2 W/2; E/2: SW/4 SW/4 SW/4 | HASKELL | 2 |
| N/A | TERM MINERAL DEED | ANADARKO PETROLEUM CORPORATION | MERIT PARTNERS, L.P., ET AL | EFFECTIVE 9/1/2004 | 181 | 674 | 29S | 34W | 4 | 29S34W4 | 295-34W Sec. 4: NW/4 | HASKELL | 2 |
| 30084000 | LEASE - OIL AND GAS | ALFRED J COLLINGWOOD AND EDNA COLLINGWOOD HIS WIFE | PANHANDLE EASTERN PIPE LINE CO | 4/30/1942 | в | 343 | 29S | 34W | 8 | 29S34W8 | 295-34W Sec. 8: NW/4; NE/4 | HASKELL | 2 |
| 30014000 | LEASE - OIL AND GAS | G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE | ALDEN W. FOSTER | 7/7/1934 | ю | 156 | 29S | 35W | 13 | 29S35W13 | 295-35W SECTION 13: SW/4 | GRANT | 2 |
| 30014000 | LEASE - OIL AND GAS | G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE | ALDEN W. FOSTER | 7/7/1934 | в | 156 | 29S | 35W | 23 | 29S35W23 | 295-35W SECTION 23: NE/4 | GRANT | 2 |
| 30014000 | LEASE - OIL AND GAS | G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE | ALDEN W. FOSTER | 7/7/1934 | е | 156 | 29S | 35W | 24 | 29S35W24 | 295-35W SECTION 24: NW/4 | GRANT | 2 |
| 30015000 | LEASE - OIL AND GAS | G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE | ALDEN W. FOSTER | 7/7/1934 | m | 155 | 29S | 35W | 24 | 29S35W24 | 295-35W SECTION 24: NE/4, S/2 | GRANT | 2 |
| 30016000 | LEASE - OIL AND GAS | AS EDWIN O. STUART AND EVA A. AS EDWIN O. STUART) AND EVA A. | ALDEN W. FOSTER | 7/6/1934 | m | 161 | 29S | 35W | 28 | 29S35W2B | 29S-35W SECTION 28: E/2 SE/4 | GRANT | 2 |
| 33171000 95561000 59528000 | LEASE - OIL AND GAS | BERT W MCGINNIS AND EVAJ MCGINNIS HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/15/1934 | 192 | 308 | ZN | 14ECM | 22 | 2N14ECM22 | 2N-14ECM 5sc. 22 NW/4 LMITED TO THE WELLBORE ONLY OF THE BOWEN 1-22 WELL (ARI 351392524) | TEXAS | |
| 33170000 95562000 60253000 | LEASE - OIL AND GAS | EFFIE BOWEN A WIDOW | STANLEY MARSH JR | 4/6/1940 | 217 | 180 | ZN | 14ECM | - 22 | 2N14ECM22 | 2N-14ECM 5e.25 W/4 LMITED TO THE WELLBOR 2NLY OF THE BOWEN 1-22 WELL (ARI 3513922624) | TEXAS | |
| 33085000 | LEASE - OIL AND GAS | CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE ESTATE | ORRIN F TUCKER | 10/20/1953 | 252 | 265 | ZN | 19ECM | ω | 2N19ECM8 | 2N-19ECM Sec. 8: NE/4 | TEXAS | 28 |

| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|---|--|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 33084000 | LEASE - OIL AND GAS | CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE TRUST ESTATE | SINCLAIR OIL & GAS COMPANY | 4/5/1952 | 257 | 523 | ZN | 19ECM | œ | 2N19ECMB | 2N-19ECM Sec 8: SE/4 | TEXAS | 28 |
| 33082001 | LEASE - OIL AND GAS | GEORGE S GILBERT AND EMMA GILBERT HUSBAND AND WIFE | UNION OIL COMPANY OF CALIFORNIA | 12/15/1951 | 307 | 523 | ZN | 19ECM | 8 | 2N19ECMB | 2N-19ECM Sec. 8: W/2 | TEXAS | 28 |
| 33082002 | LEASE - OIL AND GAS | THE RESERVE PETROLEUM COMPANY | UNION OIL COMPANY OF CALIFORNIA | 7/23/1952 | 294 | 210 | ZN | 19ECM | ω | 2N19ECMB | 2N-19ECM Sec. 8: W/2 | TEXAS | 28 |
| 31737000 | LEASE - OIL AND GAS | ROY B RAVENSCROFT AND ROSE E RAVENSCROFT HIS WIFE | PANHANDLE EASTERN PIPELINE COMPANY | 4/8/1954 | 141 | 371 | ZN | ZOECM | 13 | 2N20ECM13 | 2N-20ECM Sec. 13: S/2 S/V/4 | BEAVER | в |
| 31734000 | LEASE - OIL AND GAS | SIH HIS | PANHAND COMPAN | 12/3/1945 | 21 | 231 | ZN | 22ECM | 28 | 2N22ECM28 | 2N-22ECM Sec. 28: SW/4 SW/4 | BEAVER | m |
| 31735000 | LEASE - OIL AND GAS | RAYMOND SMITH AND LAVAUN SMITH HIS WIFE | 0 | 12/3/1945 | 21 | 412 | ZN | 22ECM | 28 | 2N22ECM28 | 2N-22ECM Sec. 28: N/2 SW/4; 5E/4 SW/4 | BEAVER | m |
| 31734000 | LEASE - OIL AND GAS | GREEN T C SMITH AND MARY I SMITH HIS WIFE | ٩ | 12/3/1945 | 21 | 231 | ZN | 22ECM | 29 | 2N22ECM29 | 2N-22ECM Sec. 29: SE/4 SE/4 | BEAVER | m |
| 31735000 | LEASE - OIL AND GAS | RAYMOND SMITH AND LAVAUN SMITH HIS WIFE | PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION | 12/3/1945 | 21 | 412 | ZN | 22ECM | 29 | 2N22ECM29 | 2N-22ECM Sec. 29: SW/4 SE/4 | BEAVER | в |
| 30058000 | | ILLINOIS BANKERS LIFE ASSURANCE | UNITED PRODUCING COMPANY | | | | | | 1 | | 305-34W Sec 2: W/2 NW/4 NW/4 | | , |
| 67307000 | LEASE - OIL AND GAS | COMPANY | N | 6/28/1941 | m | 289 | SOE | 34W | 7 | 30534W2 | Limited to the wellbords of the MLP Black 1-2 (API 1508121326), MLP Black 2-2 (API 1508121444), MLP Black 2-3 2 (API 1508121459) and MLP Black 4-2 (API 1508121459) | HASKELL | v |
| 30035000 | LEASE - OIL AND GAS | FLORENCE BELLE MOSBARGER AND G H MOSBARGER HER HUSBAND | THE DERBY OIL COMPANY | 1/22/1941 | m | 235 | SOE | 34W | 27 | 30S34W27 | 305-34W Sec. 27: NW/4 | HASKELL | 2 |
| 30037000 | LEASE - OIL AND GAS | JAMES W SMITH AND LIZZIE SMITH HIS WIFE | THE DERBY OIL COMPANY | 1/28/1941 | m | 245 | 30S | 34W | 27 | 30S34W27 | 305-34W See. 27: All that part of the SACH, lying South and East of the North and West line of the right-of-way of the Dodge City and Cimarron Valley Railway Company as more particularly described in the losse. | HASKELL | 2 |
| 30038000 | LEASE - OIL AND GAS | PAULINE MURPHY ET VIR | THE DERBY OIL COMPANY | 1/22/1941 | m | 236 | SOE | 34W | 27 | 30S34W27 | 305-34W Sec. 27: SW/4 | HASKELL | 2 |
| 0006E00E | LEASE - OIL AND GAS | A J BRYANT ET UX | THE DERBY OIL COMPANY | 1/21/1941 | m | 234 | SOE | 34W | 28 | 30S34W28 | 305-34W Sec. 28: NE/4 | HASKELL | 2 |
| 30040000 | LEASE - OIL AND GAS | EDWIN WARNER A SINGLE MAN | THE DERBY OIL COMPANY | 1/21/1941 | m | 233 | 30S | 34W | 28 | 30S34W28 | 305-34W Sec. 28: N/2 SE/4 | HASKELL | 2 |
| 30036000 | LEASE - OIL AND GAS | L O STANLEY ET UX | THE DERBY OIL COMPANY | 1/24/1941 | m | 195 | SOE | 34W | 28 | 30S34W2B | 30S-34W Sec 28: S/2 SE/4 | HASKELL | 2 |
| 30107000 67321000 | LEASE - OIL AND GAS | A R SWINDLER AND ANNA SWINDLER | THE UNION OIL & ROYALTY COMPANY | 9/28/1931 | ч | 298 | SOE | 34W | m | 30S34W3 | 305-34W Sec. 3: SW/4 SW/4: SE/4 SW/4: NW/4 SW/4: NE/4 SW/4 | HASKELL | 2 |
| 30099000 67309000 | LEASE - OIL AND GAS | EDWIN P SMITH AND CHARLOTTE M SMITH HIS WIFE | UNITED PRODUCING COMPANY INC | 9/21/1942 | ß | 248 | 30S | 34W | З | 30S34W3 | 305-34W Sec 3: Lots 1 and 2: SE/4 NE/4: SW/4 NE/4 | HASKELL | и |
| 30091000 | LEASE - OIL AND GAS | J W ONIONS AND EARLAMES EXECUTORS AND FRUSTEES UNDER THE LAST WILL AND TESTAMENT OF GRANT BLACK AND AS U G GRANT BLACK AND AS U G GRANT BLACK DECEASED | UNITED PRODUCING COMPANY INC | 7/1/1944 | ە | m | SOE | 34W | m | 30S34W3 | 36c. 3: SWIA NEA SEX; WIZ SWIA SEX; WIZ NWIA SEX; SWIA NWIA; SEU, SWIA SEX; SEA NWIA SEX; NWIA SEA SEX; NWIA NWIA; SEX; SEA NWIA; SEX; NEA NWIA SEX; SEA NWIA; NWIA NEA SEX; SWIA SEX SEX; NEA NWIA SEX; SWIA SEX; SWIA SEX SEX | HASKELL | 2 |
| 30098000 67308000 | LEASE - OIL AND GAS | JJ WALTON AND MARY ADITH WALTON HIS WIFE | UNITED PRODUCING COMPANY INC | 9/10/1942 | m | 406 | SOE | 34W | 4 | 30S34W4 | 305.34W Sec. 4: NZ NW/4 SE4; SW/4 NE4; S/2 S/2 S/4 S/2 NE4; S/2 NW/4 SE4; NW/4 NE4; NE2 SW/4 SE4; E/2 SE4; NJ2 SW/4 NE4, | HASKELL | 2 |
| 30095000 | LEASE - OIL AND GAS | H P ROONEY AND MARGUERITE ROONEY HIS WIFE | ALDEN W FOSTER | 5/28/1934 | 2 | 175 | SOE | 34W | S | 30S34W5 | 305-34W Sec. 5: SW/4 | HASKELL | 2 |
| 30094000 | LEASE - OIL AND GAS | H P ROONEY AND MARGUERITE ROONEY | ALDEN W FOSTER | 5/28/1934 | 2 | 174 | SOE | 34W | S | 30S34W5 | 30S-34W | HASKELL | 2 |

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|---------------------|--|--|------------|------|------|----------|--------|---------|-------------|--|---------|---|
| ЧЪ | H P ROONEY AND MARGUERITE ROONEY HIS WIFE | ALDEN W FOSTER | 5/28/1934 | 2 | 172 | 30S | 34W | S | 30S34W5 | 305-34W Sec. 5: NE/4 | HASKELL | 2 |
| ш | | ALDEN W FOSTER | 5/28/1934 | 2 | 173 | SOE | 34W | S | 30S34W5 | 305-34W Sec. 5: NW/4 | HASKELL | 2 |
| 0 | O. W. HUTTON AND BESSIE W. HUTTON, HIS WIFE | UNITED PRODUCING COMPANY. INC. | 10/16/1937 | 4 | 247 | 30S | 35W | 14 | 30S35W14 | 305-35W SECTION 14: NW/4 | GRANT | 2 |
| | CLYDE M LAWRENCE AND ETHEL M. LAWRENCE HIS WIFE | UNITED PRODUCING COMPANY, INC. | 3/24/1944 | 2 | 106 | SOE | 35W | 15 | 30S35W15 | 305-35W SECTION 15: N/2 NE/4 | GRANT | 2 |
| | R. G. KLEIN, ET UX | INTERSTATE PRODUCTION COMPANY | 9/4/1936 | m | 469 | 305 | 35W | 23 | 30S35W23 | 305-35W SECTION 23: NE/4 | GRANT | 2 |
| | CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE | UNITED PRODUCING COMPANY, INC. | 3/24/1944 | 2 | 106 | SOE | 35W | 25 | 30S35W25 | 30S-35W SECTION 25: SW/4 | GRANT | 2 |
| - | E. H. ELLIOTT AND MYRTLE ELLIOTT, HIS WIFE | NORTHERN NATURAL GAS COMPANY | 6/16/1943 | 2 | m | SOE | 35W | 25 | 30S35W25 | 30S-35W SECTION 25: SE/4 | GRANT | 2 |
| - | DELLA M. ROBINSON, GUARDIAN | UNITED PRODUCING COMPANY. INC. | 3/13/1948 | 10 | 157 | SOE | 35W | 26 | 30S35W26 | 305-35W SECTION 26: E/2 SW/4, SW/4 SW/4 | GRANT | 2 |
| | EDNA BILBERY ET AL | UNITED PRODUCING COMPANY, INC. | 11/8/1947 | 9 | 179 | SOE | 35W | 26 | 30S35W26 | 30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4 | GRANT | 2 |
| LEASE - OIL AND GAS | EDNA BILBERY, GUARDIAN | UNITED PRODUCING COMPANY, INC. | 11/8/1947 | 97 | 178 | SOE | 35W | 26 | 30S35W26 | 305-35W SECTION 26: E/2 SW/4, SW/4 SW/4 | GRANT | 7 |
| LEASE - OIL AND GAS | PEARL B. LINSCOTT AND M. R. LINSCOTT. HER HUSBAND | | 3/15/1944 | 7 | 140 | SOE | 35W | 26 | 30S35W26 | 30S-35W SECTION 26: NW/4 SW/4 | GRANT | 2 |
| LEASE - OIL AND GAS | R. M. SHAW, A WIDDOWER | UNITED PRODUCING COMPANY. | 5/5/1948 | 10 | 163 | SOE | 35W | 26 | 30S35W26 | 30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4 | GRANT | 2 |
| LEASE - OIL AND GAS | T. J. WAGNER, JR. AND ANNE WAGNER, HIS WIFE | UNITED PRODUCING COMPANY, INC. | 10/10/1944 | 2 | 199 | 305 | 35W | 26 | 30S35W26 | 305-35W SEC: 26: SE/4 | GRANT | 2 |
| LEASE - OIL AND GAS | RL HOOPER, HIS | | 6/10/1947 | 10 | 75 | SOE | 35W | 28 | 30S35W28 | 305-35W SECTION 28: N/2 NE/4, N/W NW/4 | GRANT | 2 |
| LEASE - OIL AND GAS | ALBERT A. GOERING ET AL | UNITED PRODUCING COMPANY, INC. | 9/4/1942 | 9 | 134 | SOE | 35W | m | EMSESOE | 305-35W SECTION 3: SW/4 | GRANT | 2 |
| LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 3/9/1900 | 69 | 61 | 315 | 34W | 17 | 31S34W17 | 31S-34W SECTION 17: N/2 SE/4 | SEWARD | 7 |
| LEASE - OIL AND GAS | FRED C. KOCH ET UX | WOOD RIVER OIL & REFINING CO. ET AL | 1/17/1947 | 75 | 514 | 315 | 34W | 17 | 31S34W17 | 31S-34W SECTION W/2 AND W/2 NE/4 | SEWARD | 7 |
| LEASE - OIL AND GAS | GUARANTY TRUST COMPANY | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75 | 271 | 315 | 34W | 17 | 31S34W17 | 31S-34W SECTION 17: N/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | HOME ROYALTY ASSOCIATION INC. | WOOD RIVER OIL & REFINING CO. ET AL | 6/3/1946 | 74 | 158 | 31S | 34W | 17 | 31S34W17 | 31S-34W SECTION W/2 AND W/2 NE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69 | 62 | 315 | 34W | 17 | 31S34W17 | 315-34W SECTION 17: N/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | BEN F. BLACK | 1/14/1946 | 75 | 220 | 315 | 34W | 17 | 31S34W17 | 315-34W SECTION 17: S/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | PATRICK H. DAY ET UX | JOE E. DENHAM | 4/28/1943 | 47 | 531 | 315 | 34W | 17 | 31S34W17 | 315-34W SECTION 17: E/2 NE/4 | SEWARD | 7 |
| LEASE - OIL AND GAS | W. V. GRIFFITH ET UX | UNITED PRODUCING COMPANY INC | 5/12/1948 | 85 | 116 | 31S | 34W | 18 | 31S34W18 | 31S-34W SECTION 18: N/2 SE/4, SW/4 SE/4 SPECIFICALLY LESS AND EXCEPT THE SE/4 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | W. V. GRIFFITH ET UX | UNITED PRODUCING COMPANY INC | 5/12/1948 | 85 | 115 | 315 | 34W | 18 | 31S34W18 | 31S-34W SECTION 18:5W/4 NE/4, NE/4 NE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 3/9/1900 | 69 | 19 | 315 | 34W | 20 | 31S34W20 | 31S-34W SECTION 20: S/2 NE/4, SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | GUARANTY TRUST COMPANY | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75 | 271 | 315 | 34W | 20 | 31S34W20 | 31S-34W SECTION 20: S/2 NE/4, SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69 | 62 | 315 | 34W | 20 | 31S34W20 | 31S-34W SECTION 20: S/2 NE/4, SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | | | 3104144 | 75 | | | 1414.0 | | | 31S-34W | | c |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 30247003 | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 3/9/1900 | 69 | 19 | 31S | 34W | 21 | 31S34W21 | 31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2 |
| 30247001 | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75 | 271 | 31S | 34W | 21 | 31S34W21 | 31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2 |
| 30247002 | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69 | 62 | 315 | 34W | 21 | 31S34W21 | 31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2 |
| 30213000 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA | FRED C. KOCH | 5/1/1944 | 1 | 615 | 31S | 34W | 22 | 31S34W22 | 31S-34W SECTION 22: W/2 NW/4 | SEWARD | 2 |
| 30251000 66132000 | LEASE - OIL AND GAS | THE FEDERAL FARM MORTGAGE CORPORATION | FRED C. KOCH | 4/3/1944 | 1 | 603 | 31S | 34W | 23 | 31S34W23 | 31S-34W SECTION 23: SE/4 | SEWARD | 2, 16 |
| 30247003 | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 3/9/1900 | 69 | 61 | 315 | 34W | 28 | 31S34W2B | 315-34W SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2 |
| 30247001 | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75 | 271 | 31S | 34W | 28 | 31S34W2B | 31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2 |
| 30247002 | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69 | 62 | 31S | 34W | 28 | 31S34W28 | 31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2 |
| 30247003 | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX | AL GA | 3/9/1900 | 69 | 61 | 31S | 34W | 29 | 31S34W29 | 315-34W SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2 |
| 30206000 | LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135 | 187 | 31S | 34W | 29 | 31S34W29 | 31S-34W SECTION 29: E/2 SE/4 | SEWARD | 2 |
| 30247001 | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75 | 271 | 31S | 34W | 29 | 31S34W29 | 31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2 |
| 30247002 | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69 | 62 | 31S | 34W | 29 | 31S34W29 | 31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2 |
| 30288000 | LEASE - OIL AND GAS | FRED M. BEATY ET UX | CITIES SERVICE OIL COMPANY | 4/9/1943 | 47 | 547 | 31S | 34W | 36 | 31S34W36 | 31S-34W SECTION 36: E/2 | SEWARD | 2 |
| 30255000 | LEASE - OIL AND GAS | ROBERT Y. HARLOW ET UX | ALDEN W FOSTER | 7/11/1934 | 44 | 638 | 31S | 34W | 4 | 31S34W4 | 31S-34W SECTION 4: W/2 NW/4 | SEWARD | 2 |
| 30260000 67325000 | LEASE - OIL AND GAS | CHARLES YOUNG ET UX | ALDEN W FOSTER | 7/5/1934 | 44 | 632 | 31S | 34W | ы | 31S34W5 | 315-34W SECTION 5: N/2 SW/4, S/2 SE/4, SE/4 SW/4, SW/4 SW/4 | SEWARD | 2 |
| 30259000 67324000 | LEASE - OIL AND GAS | JOHN DAY | ALDEN W FOSTER | 7/5/1934 | 44 | 629 | 31S | 34W | ß | 31S34W5 | 31S-34W SECTION 5: LOT 2, SW/4 NE/4, NW/4 SE/4, NE/4 SE/4 | SEWARD | 2 |
| 30255000 67329000 | LEASE - OIL AND GAS | ROBERT Y. HARLOW ET UX | ALDEN W FOSTER | 7/11/1934 | 44 | 638 | 31S | 34W | 5 | 31S34W5 | 31S-34W SECTION 5: LOT 1, S/E NE/4 | SEWARD | 2 |
| 30214000 | LEASE - OIL AND GAS | FARMERS AND MERCHANTS NATIONAL BANK OF HOOKER, HOOKER, OKLAHOMA | FRED C, KOCH | 4/4/1954 | ч | 615 | 31S | 34W | ω | 31S34WB | 315-34W SECTION 8: E/2 NE/4 | SEWARD | 2 |
| 30244001 | LEASE - OIL AND GAS | FRED C. KOCH ET UX | WOOD RIVER OIL & REFINING CO. ET AL | 1/17/1947 | 75 | 514 | 315 | 34W | 8 | 31S34WB | 31S-34W SECTION 8: S/2 SW4 | SEWARD | 2 |
| 30252000 | LEASE - OIL AND GAS | SANTA FE ENERGY COMPANY | ANADARKO PETROLEUM CORPORATION | 12/10/1987 | 389 | 520 | 31S | 34W | 6 | 31S34W9 | 31S-34W SECTION 9: W/2 NE/4 | SEWARD | 2 |
| 30253001 | LEASE - OIL AND GAS | SANTA FE ENERGY COMPANY | ANADARKO PETROLEUM CORPORATION | 12/10/1987 | 389 | 523 | 31S | 34W | 6 | 31S34W9 | 31S-34W SECTION 9: E/2 NE/4 | SEWARD | 2 |
| 30253002 | LEASE - OIL AND GAS | SANTA FE ENERGY RESOURCES INC. | ANADARKO PETROLEUM CORPORATION | 11/4/1989 | 412 | 211 | 315 | 34W | ŋ | 31S34W9 | 31S-34W SECTION 9: E/2 NE/4 | SEWARD | 2 |
| 30376000 57277000 | LEASE - OIL AND GAS | USA KSNM 09955 | T.J. WAGNER JR | 11/1/1944 | 14 | 521 | 31S | 38W | 10 | 31S38W10 | 31S-38W SECTION 10: SE/4 SE/4 | STEVENS | 2 |
| 30376000 57277000 | LEASE - OIL AND GAS | USA KSNM 09955 | T. J. WAGNER JR | 11/1/1944 | 14 | 521 | 31S | 38W | 15 | 31S38W15 | 31S-38W SECTION 15: W/2 NE/4 | STEVENS | 2 |
| 84256000 | LEASE - OIL AND GAS | E. B. MCKAY ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 7/29/1937 | 8 | 435 | 31S | 38W | 17 | 31S38W17 | 31S-38W SECTION 17: SW/4 | STEVENS | 2 |
| 62814000 | LEASE - OIL AND GAS | SECURITY ELEVATOR COMPANY | L.O.STANLEY | 3/20/1942 | 11 | 229 | 31S | 38W | 18 | 31S38W18 | 31S-38W SECTION 18: LOTS 3, 4, E/2 SW/4 | STEVENS | 2 |
| 63164000 | LEASE - OIL AND GAS | WILLIAM J. SEIGEL ET AL | L. O. STANLEY | 4/9/1942 | 11 | 257 | 31S | 38W | 18 | 31S38W18 | 315-38W SECTION 18: LOTS 1, 2, E/2 NW/4 | STEVENS | 2 |

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|----------------------|---------------------|---------------------------------------|--|-----------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 30365003 67271003 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 361 | 31S | 38W | 19 | 31S38W19 | 31S-38W SECTION 19: W/2, SE/4 | STEVENS | 2 |
| 30365001 67271001 | LEASE - OIL AND GAS | MARTHA L. REYNOLDS | D. D. HARRINGTON | 5/4/1945 | 13 | 427 | 31S | 38W | 19 | 31S38W19 | 31S-38W SECTION 19: ALL | STEVENS | 7 |
| 30365002 67271002 | LEASE - OIL AND GAS | R. M. SHAW | D. D. HARRINGTON | 5/23/1945 | 13 | 467 | 315 | 38W | 19 | 31S38W19 | 31S-38W SECTION 19: NE/4 | STEVENS | 2 |
| 84255000 | LEASE - OIL AND GAS | A. T. SPIKES ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/2/1937 | 8 | 445 | 31S | 38W | 20 | 31S38W/20 | 31S-38W SECTION 20: E/2, NV//4 | STEVENS | 2 |
| 30377000 67272000 | LEASE - OIL AND GAS | KANSAS UNIV ENDOWMENT ASSOC | A. C. MOORHEAD | 11/6/1942 | 11 | 329 | 31S | 38W | 20 | 31S38W20 | 315-38W SECTION 20: SW/4 | STEVENS | 2 |
| 30376000 57277000 | LEASE - OIL AND GAS | USA KSNM 09955 | T.J. WAGNER JR | 11/1/1944 | 14 | 521 | 315 | 38W | 21 | 31S38W21 | 31S-38W SECTION 21: NW/4 SE/4, SE/4 SW/4, SW/4 NE/4 | STEVENS | 2 |
| 30370002 67281003 | LEASE - OIL AND GAS | HATTIE KIGHT ET AL | D. D. HARRINGTON | 5/19/1945 | ព | 567 | 31S | MBE | 29 | 31S38W29 | 31S-38W SECTION 29: SW/4 SW/4, NEA NW/4, NI2 SW/4, NI2 NE/4, Sf2 NW/4 | STEVENS | 2 |
| 30379000 57277000 | LEASE - OIL AND GAS | J. D. WALKER ET UX | JOE E. DENHAM | 7/29/1943 | 13 | 139 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: 5/2 NE/4 | STEVENS | 2 |
| 30370004 67281007 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | EI | 401 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: N/2 SW/4, N/2 NE4, SW/4 SW/4, SE/4, NE/4 NW/4, S/2 NW/4 | STEVENS | 2 |
| 28386001 | TERM MINERAL DEED | MESA OPERATING LIMITED PARTNERSHIP | ANADARKO PETROLEUM CORPORATION | 2/1/1993 | 234 | 432 | 315 | 38W | 29 | 31S38W29 | 315-38W SECTION 29: S/2 NE/4 | STEVENS | 2 |
| 28386002 | TERM MINERAL DEED | MESA OPERATING LIMITED PARTNERSHIP | ANADARKO PETROLEUM CORPORATION | 2/1/1993 | 734 | 432 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: S/2 NE/4 | STEVENS | 2 |
| 28386003 | TERM MINERAL DEED | MESA OPERATING LIMITED PARTNERSHIP | ANADARKO PETROLEUM CORPORATION | 2/1/1993 | 234 | 432 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: S/2 NE/4 | STEVENS | 2 |
| 30380000 67278000 | LEASE - OIL AND GAS | R. L SMITH | JOE E. DENHAM | 9/6/1943 | 12 | 303 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: NW/4 NW/4 | STEVENS | 2 |
| 30376000 67270000 | LEASE - OIL AND GAS | USA KSNM 09955 | T.J. WAGNER JR | 11/1/1944 | 14 | 521 | 315 | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: SE/4 SW/4 | STEVENS | 2 |
| 30370005 | LEASE - OIL AND GAS | W. A. CAVNER | D. D. HARRINGTON | 5/8/1945 | 13 | 441 | 31S | 38W | 29 | 31S38W29 | 31S-38W SECTION 29: SE/4 | STEVENS | 2 |
| 30370002 | LEASE - OIL AND GAS | HATTIE KIGHT ET AL | D. D. HARRINGTON | 5/19/1945 | 13 | 567 | 31S | 38W | ор | DEWBESTE | 31S-38W SECTION 30: SE/4 SE/4, NZ SE/4 | STEVENS | 2 |
| 30370001 67281004 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 403 | 31S | 38W | 30 | 31S38W30 | 31S-38W SECTION 30: W/2, NE/4, N/2 SE/4, SE/4 SE/4 | STEVENS | 2 |
| 30376000 57277000 | LEASE - OIL AND GAS | USA KSNM 09955 | T. J. WAGNER JR | 11/1/1944 | 14 | 521 | 315 | 38W | 30 | 31S38W30 | 31S-38W SECTION 30: SW/4 SE/4 | STEVENS | 2 |
| 30370002 67281003 | LEASE - OIL AND GAS | HATTIE KIGHT ET AL | D. D. HARRINGTON | 5/19/1945 | 13 | 567 | 31S | 38W | 31 | 31S38W31 | 31S-38W SECTION 31: SW/4, SW/4 NE/4, SE/4 NW/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, NZ NE/4 | STEVENS | 2 |
| 30370001 67281004 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 405 | 31S | 38W | 31 | 31S38W31 | 31S-38W SECTION 31: SW/4, SE/4 NW/4, SE/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4, SW/4 NE/4 | STEVENS | 2 |
| 30376000 67270000 | LEASE - OIL AND GAS | USA KSNM 09955 | T.J. WAGNER JR | 11/1/1944 | 14 | 521 | 31S | 38W | 31 | 1EWBE21E | 31S-38W SECTION 31: SE/4 NE/4 | STEVENS | 2 |
| 83950000 | LEASE - OIL AND GAS | ETTA MARGARET DANIEL ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 12/7/1937 | 8 | 398 | 31S | 38W | 32 | 31S38W32 | 31S-38W SECTION 32: SE/4 | STEVENS | 2 |
| 30370006 67281009 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 409 | 31S | 38W | 32 | 31S38W32 | 31S-38W SECTION 32: SW/4, NE/4 | STEVENS | 2 |
| 83947000 | LEASE - OIL AND GAS | W. A. CAVNER | PANHANDLE EASTERN PIPE LINE COMPANY | 7/8/1937 | ω | 385 | 31S | 38W | 32 | 31S38W32 | 31S-38W SECTION 32: NW/4 | STEVENS | 2 |
| 30370005 | LEASE - OIL AND GAS | W. A. CAVNER | D. D. HARRINGTON | 5/8/1945 | 13 | 441 | 315 | 38W | 32 | 31S38W32 | 31S-38W SECTION 32: NE/4 | STEVENS | 2 |
| 84250000 | LEASE - OIL AND GAS | GUY F. MCCLURE ET UX | TEXAS INTERSTATE PIPE LINE CO. | 6/4/1934 | 7 | 218 | 31S | 38W | 33 | 31S38W33 | 31S-38W SECTION 33: SE/4 | STEVENS | 2 |

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| STEVENS 2 | STEVENS 2 | | STEVENS 2 | | | | | | | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS STEVENS | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN | STEVENS STEVEN |
|--|---|----------------------|--------------------------------|--|--|--|--|--|--|---|---|--|--|--|--|---|--|---|---|---|---|---|---|---|---|
| SECTION 33: W/2 | 31S-38W SECTION 7: LOTS 1, 2, E/2 NW/4 | 31S-38W | SECTION 7: LOTS 3, 4, E/2 SW/4 | SECTION 7: LOTS 3. 4. E/2 SW/4 315-38W SECTION 7: SE/4 | SECTION 7: LOTS 3. 4. EZ SW/4 315-38W SECTION 7: SE/4 315-39W SECTION 25: SZ | SECTION 7: LOTS 3, 4: EZ SW/4 315-38/4 SECTION 7: SE/4 315-39/4 315-39/4 SECTION 26: SZ SECTION 26: SW/4 SECTION 26: SW/4 | SECTION 7: LOT'S 3, 4, E/2 SW/4 315-38W SECTION 25: SZ 315-39W SECTION 25: SZ 315-39W SECTION 26: SW/4 SECTION 26: SW/4 SECTION 26: SW/4 SECTION 26: SW/4 | SECTION 7: LOTS 3, 4, EZ SW/4 SECTION 7: SE/4 315-39W SECTION 25: SZ 315-39W 315-39W SECTION 26: SW/4 315-39W SECTION 26: SW/4 315-39W SECTION 26: SW/4 SECTION 26: SW/4 SECTION 20: | SECTION 7: LOT'S 3, 4, E7 SW/4 315-39W SECTION 7: 54/4 315-39W SECTION 26: 5W/4 315-39W SECTION 26: SW/4 315-39W SECTION 26: SW/4 315-39W SECTION 3: SE/4 SECTION 3: SE/4 | SECTION 7: LOTS 3, LEZ SW/4 SECTION 7: LOTS 3, LEZ SW/4 SECTION 7: SE(4) SECTION 7: SE(4) 315-39W SECTION 25: SW/4 315-39W SECTION 26: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 26: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 35: SW/4 SECTION 35: SW/4 315-39W SECTION 35: SW/4 SECTION 35: SU/4 SECTION 35: SU/4 < | SECTION 7: LOTS 3, 4, EZ SW/4 315-39W 515-39W 515-39W <td>SECTION 7: LOTS 3, 4: E7 SW/4 315-39W SECTION 7: S4 315-39W SECTION 2: SX 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 3: SL A: I API 121992330 AND MIP CLOSE 6-1 (API 1518922301 AND MIP CLOSE 6-1 (API 315-39W SECTION 3: SL A: I API 1218922330 AND MIP CLOSE 6-1 (API 1518922330 AND MIP CLOSE 6-1 (API 1518922330 AND MIP CLOSE 6-1 (API 151892330 AND MIP CLOSE 6-1 (API 12) A: I API 1218922330 AND MIP CLOSE 6-1 (API 12) A: I API 1218922330 AND MIP CLOSE 6-1 (API 12) 315-39W SECTION 3: SL A: I API 131832330 AND MIP CLOSE 6-1 (API 12) 315-39W SECTION 3: SL SECTION 3: WZ</td> <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-36W SECTION 7: S24 315-39W SECTION 2: S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. SV/4 315-39W SECTION 2: S. SV/4 315-39W SECTION 3: SE/4 315-39W</td> <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-38W 515-39W 515-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: SEA 315-39W 58CTION 3: SEA 315-39W 515-39W 515-39W 315-39W 515-39W 515-315 <</td> <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-38W SECTION 7: S4, EZ SW/4 SECTION 7: S4 315-39W SECTION 26: SW/4 315-39W SECTION 25: SV/4 315-39W SECTION 25: SV/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 35: SF/4 315-39W SECTION 35: SV/4 315-39W SECTION 35: SF/4 315-39W SECTION 35: W/4 315-39W SECTION 35: W/4</td> <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-36W SECTION 7: SEX SECTION 7: SEX SECTION 2: SIX-39W SECTION 3: SE4 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: EZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ SECTION 3: W</td> <td>SECTION 7: LOTS 3, 4, E2 SW/4 315-38W 315-39W 515-39W 515-39W <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-38W SECTION 2: EXP SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL/4 315-39W SECTION 3: SE/4 315-39W SECTION 3: SE/4</td><td>SECTION 7: LOTS 3, 4, EZ SW/4 315-39W 315-39W SECTION 25: S/2 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: E(Z) 315-310W SECTION 3: E(Z)</td><td>SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 3: SEL 315-39W SECTION 3: EL 315-39W</td><td>SECTION 7: LOTS 3, 4, EZ SWI4 315-38W SECTION 5: SK2 315-39W SECTION 2: SK4 315-39W SECTION 3: SE4 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W SECTION 36: N2</td><td>SECTION 7: LOTS 3, 4, EZ SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, S4 315-39W SECTION 2: S, S4 315-39W SECTION 2: SE(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-31W SECTION 3: E(A) 315-31W SECTION 6: NE/4 315-31W</td><td>SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: SCA 315-39W SECTION 2: SCA 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 NE(4) 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 315-39W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: SEA 315-31W SECTION 4: LICT 315-31</td><td>SECTION 7: LOTS 3, 4, E2 SWM 315-36W SETION 7: SE4 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S44 315-39W SECTION 2: SE4 315-39W SECTION 3: SE4 315-34W SECTION 3: E1 315-39W SECTION 3: E1 315-39W SECTION 3: E1 315-34W SECTION 3: E1 315-34W SECTION 4: LIF4 SECTION 4: LIF4</td><td>SECTION 7: LOTS 3, 4, E2 SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, SVI 315-39W SECTION 2: S, SVI 315-39W SECTION 2: SE(A 315-39W SECTION 3: SE(A 315-31W <</td></td> | SECTION 7: LOTS 3, 4: E7 SW/4 315-39W SECTION 7: S4 315-39W SECTION 2: SX 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 2: SW/4 315-39W SECTION 3: SL A: I API 121992330 AND MIP CLOSE 6-1 (API 1518922301 AND MIP CLOSE 6-1 (API 315-39W SECTION 3: SL A: I API 1218922330 AND MIP CLOSE 6-1 (API 1518922330 AND MIP CLOSE 6-1 (API 1518922330 AND MIP CLOSE 6-1 (API 151892330 AND MIP CLOSE 6-1 (API 12) A: I API 1218922330 AND MIP CLOSE 6-1 (API 12) A: I API 1218922330 AND MIP CLOSE 6-1 (API 12) 315-39W SECTION 3: SL A: I API 131832330 AND MIP CLOSE 6-1 (API 12) 315-39W SECTION 3: SL SECTION 3: WZ | SECTION 7: LOTS 3, 4, EZ SW/4 315-36W SECTION 7: S24 315-39W SECTION 2: S2 315-39W SECTION 2: S. 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SV/4 315-39W SECTION 3: SE/4 315-39W | SECTION 7: LOTS 3, 4, EZ SW/4 315-38W 515-39W 515-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: S/2 315-39W 56CTION 2: SEA 315-39W 58CTION 3: SEA 315-39W 515-39W 515-39W 315-39W 515-39W 515-315 < | SECTION 7: LOTS 3, 4, EZ SW/4 315-38W SECTION 7: S4, EZ SW/4 SECTION 7: S4 315-39W SECTION 26: SW/4 315-39W SECTION 25: SV/4 315-39W SECTION 25: SV/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 25: SW/4 315-39W SECTION 35: SF/4 315-39W SECTION 35: SV/4 315-39W SECTION 35: SF/4 315-39W SECTION 35: W/4 315-39W SECTION 35: W/4 | SECTION 7: LOTS 3, 4, EZ SW/4 315-36W SECTION 7: SEX SECTION 7: SEX SECTION 2: SIX-39W SECTION 3: SE4 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: EZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ 315-39W SECTION 3: WZ SECTION 3: W | SECTION 7: LOTS 3, 4, E2 SW/4 315-38W 315-39W 515-39W 515-39W <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-38W SECTION 2: EXP SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL/4 315-39W SECTION 3: SE/4 315-39W SECTION 3: SE/4</td> <td>SECTION 7: LOTS 3, 4, EZ SW/4 315-39W 315-39W SECTION 25: S/2 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: E(Z) 315-310W SECTION 3: E(Z)</td> <td>SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 3: SEL 315-39W SECTION 3: EL 315-39W</td> <td>SECTION 7: LOTS 3, 4, EZ SWI4 315-38W SECTION 5: SK2 315-39W SECTION 2: SK4 315-39W SECTION 3: SE4 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W SECTION 36: N2</td> <td>SECTION 7: LOTS 3, 4, EZ SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, S4 315-39W SECTION 2: S, S4 315-39W SECTION 2: SE(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-31W SECTION 3: E(A) 315-31W SECTION 6: NE/4 315-31W</td> <td>SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: SCA 315-39W SECTION 2: SCA 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 NE(4) 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 315-39W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: SEA 315-31W SECTION 4: LICT 315-31</td> <td>SECTION 7: LOTS 3, 4, E2 SWM 315-36W SETION 7: SE4 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S44 315-39W SECTION 2: SE4 315-39W SECTION 3: SE4 315-34W SECTION 3: E1 315-39W SECTION 3: E1 315-39W SECTION 3: E1 315-34W SECTION 3: E1 315-34W SECTION 4: LIF4 SECTION 4: LIF4</td> <td>SECTION 7: LOTS 3, 4, E2 SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, SVI 315-39W SECTION 2: S, SVI 315-39W SECTION 2: SE(A 315-39W SECTION 3: SE(A 315-31W <</td> | SECTION 7: LOTS 3, 4, EZ SW/4 315-38W SECTION 2: EXP SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL/4 315-39W SECTION 3: SE/4 | SECTION 7: LOTS 3, 4, EZ SW/4 315-39W 315-39W SECTION 25: S/2 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: SE(A 315-39W SECTION 3: E(Z) 315-310W SECTION 3: E(Z) | SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: SZ 315-39W SECTION 2: SK/4 315-39W SECTION 2: SK/4 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 2: SL 315-39W SECTION 3: SEL 315-39W SECTION 3: EL 315-39W | SECTION 7: LOTS 3, 4, EZ SWI4 315-38W SECTION 5: SK2 315-39W SECTION 2: SK4 315-39W SECTION 3: SE4 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W 315-39W SECTION 36: N2 315-39W SECTION 36: N2 315-39W SECTION 36: N2 | SECTION 7: LOTS 3, 4, EZ SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, S4 315-39W SECTION 2: S, S4 315-39W SECTION 2: SE(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-39W SECTION 3: E(A) 315-31W SECTION 3: E(A) 315-31W SECTION 6: NE/4 315-31W | SECTION 7: LOTS 3, 4, E2 SW/4 315-39W 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: S/2 315-39W SECTION 2: SCA 315-39W SECTION 2: SCA 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 NE(4) 315-39W SECTION 3: SEA 315-39W SECTION 3: W/2 315-39W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: W/2 315-31W SECTION 3: SEA 315-31W SECTION 4: LICT 315-31 | SECTION 7: LOTS 3, 4, E2 SWM 315-36W SETION 7: SE4 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S2 315-39W SECTION 2: S. S44 315-39W SECTION 2: SE4 315-39W SECTION 3: SE4 315-34W SECTION 3: E1 315-39W SECTION 3: E1 315-39W SECTION 3: E1 315-34W SECTION 3: E1 315-34W SECTION 4: LIF4 SECTION 4: LIF4 | SECTION 7: LOTS 3, 4, E2 SWM4 315-39W SECTION 2: S, S2 315-39W SECTION 2: S, SVI 315-39W SECTION 2: S, SVI 315-39W SECTION 2: SE(A 315-39W SECTION 3: SE(A 315-31W < |
| 31S38W7 | | 31S38W7 | 21 C3B/M/7 | | 31S39W25 | 31S39W25 31S39W26 31S39W26 | 31539W26 31539W26 31539W26 | 31539W25 31539W26 31539W26 31539W26 31539W3 | 31539W25 31539W26 31539W26 31539W3 31539W3 31539W3 | | | | | | | | | | | | | | | | |
| ~ | | 2 | 7 | | 25 | | | | | | | | | | | | | | | | | | | | |
| 1S 38W 15 38W | | _ | 15 38W | 1S 39W | | 15 39W | | | | | | | | | | | | | | | | | | | |
| 219 31S 223 31S | | - | 221 31S | 129 31S | 27 31S | | | | | | | | | | | | | | | | | | | | |
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| 3/20/1942 3/20/1942 3/20/1942 12/21/1939 | | | | | 6/23/1939 | 2/1/1993 | 5/1/1940 | | - | | | | | | | | | | | | | | | | |
| L.O. STANLEY L.O. STANLEY L.O. STANLEY | L O. STANLEY L O. STANLEY | L.O. STANLEY | | STEVENS COUNTY OIL & GAS CO. | PANHANDLE EASTERN PIPE LINE COMPANY | ANADARKO PETROLEUM CORPORATION | | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY | PANHANDLE EASTERN PIPE LINE COMANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY THE STEVENS OIL & GAS | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS CO. | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS THE STEVENS OIL & GAS THE STEVENS OIL & GAS STEVENS COUNTY OIL & GAS CO. I. FRED LAMBRIGHT INC. | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS CO. J. FRED LAMBRIGHT INC. | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS CO. J. FRED LAMBRIGHT INC. ANADARKO PETFOLEUM COMPANY PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS CO. J. FRED LANBRIGHT INC. J. FRED LANBRIGHT INC. ANADARKO PETROLEUM COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY ANADARKO PETROLEUM COMPANY PANHANDLEUN COMPANY ANADARKO PETROLEUM COMPANY ANADARKO PETROLEUM | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY PANHANDLE EASTERN PIPE LINE ANADARKO PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM ANDARKO PETROLEUM | РАИНАИDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS CO. J. FRED LAMBRIGHT INC. J. FRED LAMBRIGHT INC. ANADARKO PETROLEUM CORPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY ANADARKO PETROLEUM ANADARKO PETROLEUM | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY ANADARKO PETROLEUM ANADARKO PETROLEUM | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS OIL & GAS CO. J. FRED LAMBRIGHT INC. ANADARYO PETROLEUM COMPANY PANHANDLE EASTERN PIPE LINE COMPANY ANADARYO PETROLEUM ANADARYO PETROLEUM CORPORATION | PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY THE STEVENS OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY STEVENS COUNTY OIL & GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY ANADARKO PETROLEUM ANADARKO PETROLEUM |
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| 30407000 | 62811000 | 30409000 62813000 | 62812000 | 30340000 84230000 | N/A | N/A | N/A | | N/A | N/A 30362000 67266000 | N/A 30362000 67266000 84251000 | N/A 30362000 67266000 84251000 84251000 | N/A 30362000 67266000 84251000 84251000 84251000 84251000 842310000 84230000 84230000 | N/A 30362000 67266000 84251000 84251000 84251000 84251000 84251000 84251000 842500000 842500000 842500000 8425000000 842500000 842500000 8420000000000000000000000000000000 | N/A 3352000 67266000 84251000 84251000 84251000 3340000 3340000 3340000 33416000 30416000 | N/A 30362000 67266000 84251000 94251000 9425000 9415000 30416000 30416000 30416000 30416000 | N/A 30362000 67266000 84251000 84251000 84251000 30416000 30000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30000 304160000 304160000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 3000000 304160000 3041600000000000000000000000000000000000 | N/A 30362000 67266000 84251000 84251000 30320000 30316000 30316000 30316000 30316000 30316000 30250000 28365003 28365003 | N/A 30362000 67266000 84251000 84251000 30340000 30340000 30340000 30316000 30416000 30416000 30216000 3020000 3020000 3020000 3020000 3020000 30200000 30200000 3020000 30200000 30200000 30200000 30200000 3020000 30200000000 | N/A 30362000 67266000 84251000 84251000 84251000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 328365003 28365003 28365003 28365003 28365003 | N/A 30362000 67266000 84251000 94251000 30416000 30000 30416000 3040000 30416000 3000000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 3040000 30400000 304000000 304000000 30400000000 | N/A 30362000 67266000 84251000 94251000 942350000 94130000 94130000 30416000 30416000 30416000 30416000 30416000 28365003 28365003 28365003 28365003 28365007 28365007 28365007 28365007 28365007 | N/A 30362000 67266000 84251000 94251000 30416000 30416000 30416000 30416000 30416000 30416000 30200000 28365003 283655003 283655003 283655003 30250000 3025000 3025000 3025000 3025000 3025000 3025000 3025000 3025000 30250000 3025000 30000 20000 2000 2 | N/A 30362000 67266000 84251000 84251000 3030000 30316000 30416000 2000000 | N/A 30362000 67266000 84251000 94251000 302416000 30416000 30416000 30416000 30416000 30416000 30416000 30416000 28365003 283650003 283650003 283650003 283650003 2856000000000000000000000000000000000000 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legat Description | County | Footnote |
|-------------|---------------------|------------------------------|--|------------|------|------|----------|-------|---------|-------------|---|---------|----------|
| 28365004 | TERM MINERAL DEED | SYLVIA M. PRAT ET VIR | ANADARKO PETROLEUM CORPORATION | 8/11/1986 | 593 | 574 | 32S | 33W | 9 | 32S33W6 | 32S-33W SECTION 6: NE/4 SW/4, SE/4 | SEWARD | 2 |
| 30201000 | LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135 | 175 | 32S | MEE | 7 | 32S33W7 | 32S-33W SECTION 7: E/2 NE/4, NW/4 NE/4 | SEWARD | 2 |
| 28365005 | TERM MINERAL DEED | CHARLES H. MORGAN | ANADARKO PETROLEUM CORPORATION | 8/14/1986 | 593 | 574 | 32S | 33W | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365003 | TERM MINERAL DEED | CONNIE MORGAN SHAW | ANADARKO PETROLEUM CORPORATION | 8/5/1986 | 593 | 574 | 32S | 33W | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365008 | TERM MINERAL DEED | HARLEY MORGAN | ANADARKO PETROLEUM CORPORATION | 8/27/1986 | 593 | 574 | 32S | MEE | 2 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365002 | TERM MINERAL DEED | KIMBERLY K. M. DAEMI ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | 32S | 33W | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365007 | TERM MINERAL DEED | LEOLA L. STALEY | ANADARKO PETROLEUM CORPORATION | 9/16/1986 | 593 | 574 | 32S | 33W | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365001 | TERM MINERAL DEED | LINDA M. BAUNHOFER ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | 32S | MEE | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28364000 | TERM MINERAL DEED | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION | 6/30/1986 | 593 | 574 | 32S | MEE | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365006 | TERM MINERAL DEED | STEPHEN MORGAN | ANADARKO PETROLEUM CORPORATION | 8/4/1986 | 593 | 574 | 32S | 33W | 2 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 28365004 | TERM MINERAL DEED | SYLVIA M. PRAT ET VIR | ANADARKO PETROLEUM CORPORATION | 8/11/1986 | 593 | 574 | 32S | MEE | 7 | 32S33W7 | 32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2 |
| 30202000 | LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135 | 177 | 32S | 33W | ω | 32S33WB | 32S-33W SECTION 8: SE/4 | SEWARD | 2 |
| 83615000 | LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1954 | 135 | 179 | 32S | MEE | ω | 32S33WB | 32S-33W SECTION 8: SW/4 | SEWARD | 2 |
| 28365005 | TERM MINERAL DEED | CHARLES H. MORGAN | ANADARKO PETROLEUM CORPORATION | 8/14/1986 | 593 | 574 | 32S | MEE | ω | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365003 | TERM MINERAL DEED | CONNIE MORGAN SHAW | ANADARKO PETROLEUM CORPORATION | 8/5/1986 | 593 | 574 | 32S | MEE | ω | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365008 | TERM MINERAL DEED | HARLEY MORGAN | ANADARKO PETROLEUM CORPORATION | 8/27/1986 | 593 | 574 | 32S | 33W | ω | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365002 | TERM MINERAL DEED | KIMBERLY K. M. DAEMI ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | 32S | MEE | ω | 32S33WB | 325-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365007 | TERM MINERAL DEED | LEOLA L. STALEY | ANADARKO PETROLEUM CORPORATION | 9/16/1986 | 593 | 574 | 32S | 33W | 8 | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365001 | TERM MINERAL DEED | LINDA M. BAUNHOFER ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | 32S | 33W | ω | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28364000 | TERM MINERAL DEED | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION | 9861/02/9 | 593 | 574 | 32S | MEE | ω | 32S33WB | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365006 | TERM MINERAL DEED | STEPHEN MORGAN | ANADARKO PETROLEUM CORPORATION | 8/4/1986 | 593 | 574 | 32S | 33W | ω | 32S33W8 | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 28365004 | TERM MINERAL DEED | SYLVIA M. PRAT ET VIR | ANADARKO PETROLEUM CORPORATION | 8/11/1986 | 593 | 574 | 325 | 33W | 8 | 32S33W8 | 32S-33W SECTION 8: SW/4, SE/4 | SEWARD | 2 |
| 30310000 | LEASE - OIL AND GAS | EMMA THOMPSON HAYS ET VIR | NORTHERN NATURAL GAS COMPANY | 5/8/1944 | 69 | 56 | 32S | 34W | 2 | 32S34W2 | 32S-34W SECTION 2: NW/4 | SEWARD | 2 |
| 30297002 | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA | NORTHERN NATURAL GAS COMPANY | 12/14/1945 | 43 | 152 | 32S | 34W | m | 32S34W3 | 32S-34W SECTION 3: E/2 SE/4, NE/4 SE/4 | SEWARD | 2 |
| 30297001 | LEASE - OIL AND GAS | J. M. HICKMAN ET UX | NORTHERN NATURAL GAS COMPANY | 6/8/1945 | 75 | 82 | 32S | 34W | m | 32S34W3 | 32S-34W SECTION 3: NE/4 SE/4 SE/4 | SEWARD | 2 |
| 30394000 | LEASE - OIL AND GAS | AGNES B. RUSSELL ET VIR | NORTHERN NATURAL GAS SUPPLY COMPANY | 1/7/1946 | 14 | 143 | 32S | 35W | 28 | 32S35W28 | 32S-35W SECTION 28: SW/4 | STEVENS | 2 |
| 30395000 | LEASE - OIL AND GAS | HAZEL MCCULLOUGH ET VIR | NORTHERN NATURAL GAS SUPPLY COMPANY | 5/6/1939 | 10 | 16 | 32S | 35W | 28 | 32S35W2B | 325-35W SECTION 28: NW/4 | STEVENS | 2 |
| 00026202 | LEASE - OIL AND GAS | HORTENSE M. CAMPBELL | NORTHERN NATURAL GAS COMPANY | 1/30/1939 | ŋ | 559 | 32S | 35W | 28 | 32S35W28 | 32S-35W SECTION 28: NE/4 | STEVENS | 2 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|--------------------------------|--|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 00026E0E | LEASE - OIL AND GAS | MARVIN MILLER ET UX | JOE E. DENHAM | 2/3/1937 | 80 | 345 | 32S | 35W | 28 | 32S35W28 | 32S-35W SECTION 28: SE/4 | STEVENS | 7 |
| 84004000 | LEASE - OIL AND GAS | JULIA E. HECHT ET AL | REPUBLIC NATURAL GAS COMPANY | 11/9/1939 | б | 617 | 32S | 37W | 19 | 32S37W19 | 32S-37W SECTION 19: LOTS 1, 2, E/2 NW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | ETHEL B SPRING ET VIR | REPUBLIC NATURAL GAS COMPANY | 12/14/1942 | 11 | 526 | 32S | 37W | 29 | 32S37W29 | 32S-37W SECTION 29: NE/4 | STEVENS | 2 |
| 30382000 | LEASE - OIL AND GAS | C. A. OLSON ET AL | ARGUS PRODUCTION COMPANY | 10/26/1929 | Ę | 299 | 32S | 38W | H | 32S38W1 | 32S-38W SECTION 1: S/2 SE/4 | STEVENS | 2 |
| 84010000 | LEASE - OIL AND GAS | MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 371 | 32S | 38W | 11 | 32S38W11 | 32S-38W SECTION 11: NE/4 SW/4 | STEVENS | 2 |
| 84009000 | LEASE - OIL AND GAS | OSCAR C. CRUMP ET UX | D. D. HARRINGTON | 5/23/1945 | 13 | 515 | 32S | 38W | 11 | 32S38W11 | 32S-38W SECTION 11: NE/4, SW/4 | STEVENS | 2 |
| 77274000 | TERM MINERAL DEED | CLARENCE H. METTS ET UX | ANADARKO PETROLEUM CORPORATION | 5/1/1986 | 234 | 432 | 32S | 38W | 12 | 32S38W12 | 32S-38W SECTION 12: N/2 | STEVENS | 2 |
| 84011000 | LEASE - OIL AND GAS | E. O. ANDERSON | PANHANDLE EASTERN PIPE LINE COMPANY | 2/11/1942 | 10 | 337 | 32S | 38W | 12 | 32S38W12 | 32S-38W SECTION 12: SW/4 | STEVENS | 2 |
| 77275000 | TERM MINERAL DEED | HARRY J. METTS ET UX | ANADARKO PETROLEUM CORPORATION | 1/1/1986 | 118 | 57 | 325 | 38W | 12 | 32S38W12 | 32S-38W SECTION 12: N/2 | STEVENS | 2 |
| 77273000 | TERM MINERAL DEED | MARY M. BARNES | ANADARKO PETROLEUM CORPORATION | 6/1/1986 | 118 | 427 | 32S | MBE | 12 | 32S3BW12 | 32S-38W SECTION 12: N/2 | STEVENS | 2 |
| 84012000 | LEASE - OIL AND GAS | RUBY METTS LOOMAN ET AL | THE TEXAS COMPANY | 1/20/1940 | 10 | 244 | 32S | MBE | 12 | 32S38W12 | 32S-38W SECTION 12: N/2 | STEVENS | 2 |
| 84013000 | LEASE - OIL AND GAS | ILL BANKERS LIFE ASSURANCE | REPUBLIC NATURAL GAS COMPANY | 6/10/1941 | 10 | 444 | 32S | MBE | ĘĮ | 32S38W13 | 32S-38W SECTION 13: NE/4, SW/4 | STEVENS | 2 |
| 84162000 | LEASE - OIL AND GAS | SARAH SEIVERD | JOE E. DENHAM | 8/6/1943 | 12 | 123 | 32S | 38W | 13 | 32S38W13 | 32S-38W SECTION 13: SE/4 | STEVENS | 2 |
| 76907000 | LEASE - OIL AND GAS | SALLIE B SUTER | PANHANDLE EASTERN PIPE LINE COMPANY | 8/28/1942 | 11 | 149 | 32S | 38W | 18 | 32S38W18 | 32S-38W SECTION 18: SW/4 | STEVENS | 2 |
| 77261000 | TERM MINERAL DEED | WENDELL S. KELLER ET UX | ANADARKO PETROLEUM CORPORATION | 9/16/1986 | 120 | 105 | 32S | 38W | 18 | 32S38W18 | 32S-38W SECTION 1B: SW/4 | STEVENS | 2 |
| 76907000 | LEASE - OIL AND GAS | SALLIE B SUTER | PANHANDLE EASTERN PIPE LINE COMPANY | 8/28/1942 | 11 | 149 | 32S | 38W | 19 | 32S38W19 | 325-38W SECTION 19: NW/4 | STEVENS | 2 |
| 84030000 | LEASE - OIL AND GAS | W. E. SPALDING ET AL | D. D. HARRINGTON | 5/27/1944 | 12 | 437 | 32S | MBE | 25 | 32S38W25 | 32S-38W SECTION 25: SE/4 | STEVENS | 2 |
| 84199000 | LEASE - OIL AND GAS | RICHARD M. STEWART ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/20/1952 | 23 | 277 | 32S | 38W | 28 | 32S38W28 | 325-38W SECTION 28: SW/4 | STEVENS | 2 |
| 83885000 | LEASE - OIL AND GAS | CENTRAL LIFE ASSURANCE SOCIETY | PANHANDLE EASTERN PIPE LINE COMPANY | 1/30/1939 | 6 | 14 | 32S | 38W | 30 | 32S38W30 | 32S-38W SECTION 30: SW/4 | STEVENS | 2 |
| 83958000 | LEASE - OIL AND GAS | AMOS VINCENT YOUNGGREN | W.J. SULLIVAN | 9/16/1937 | 8 | 446 | 32S | 38W | 32 | 32S38W32 | 32S-38W SECTION 32: SE/4 | STEVENS | 2 |
| 83936000 | LEASE - OIL AND GAS | CHARLES C. CHAMBERUN ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 9/7/1943 | 12 | 299 | 32S | 38W | 32 | 32S38W32 | 32S-38W SECTION 32: NE/4 | STEVENS | 2 |
| 83872000 | LEASE - OIL AND GAS | FRED W. DOLD ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 8/20/1943 | 12 | 309 | 32S | 38W | 33 | 32S38W33 | 32S-38W SECTION 33: N/2 SE/4 | STEVENS | 2 |
| 84165000 | LEASE - OIL AND GAS | RAYMOND D. GUSTASON ET UX | JOE E. DENHAM | 7/29/1943 | 12 | 125 | 32S | 38W | EE | 32S3BW33 | 32S-38W SECTION 33: NW/4 | STEVENS | 2 |
| 83847000 | LEASE - OIL AND GAS | JOHN BANE ET UX | TEXAS INTERSTATE PIPE LINE CO. | 6/18/1938 | 7 | 477 | 325 | MBE | 36 | 32S38W36 | 32S-38W SECTION 36: S/2 | STEVENS | 2 |
| 84250000 | LEASE - OIL AND GAS | GUY F. MCCLURE ET UX | TEXAS INTERSTATE PIPE LINE CO. | 6/4/1934 | 7 | 218 | 32S | 3BW | 4 | 32S3BW4 | 32S-38W SECTION 4: NE/4 | STEVENS | 2 |
| 30363000 67262000 | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1945 | 14 | 20 | 32S | 38W | S | 32S38W5 | 32S-38W SECTION 5: NW/4 | STEVENS | 2 |
| 30362000 67266000 | LEASE - OIL AND GAS | J. N. CLOSE | PANHANDLE EASTERN PIPE LINE COMPANY | 12/23/1940 | 10 | 361 | 325 | MGE | 10 | 32S39W10 | 32S-39W SECTION 10: NW/4 | STEVENS | 2 |
| 30363000 67262000 | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1945 | 14 | 59 | 32S | 39W | Ħ | 32S39W11 | 325-39W SECTION 11: NW/4 | STEVENS | 2 |

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| Adreement # | Adreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE | 10/30/1945 | 14 | 57 | 325 | MGE | п | 32S39W11 | 325-39W CECTION 11. NUMA CWIA CIO CWIA | STEVENS | 2 |
| 30368000 L | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 2/18/1942 | 10 | 340 | 32S | 39W | Ħ | 32S39W11 | 32S-39W SECTION 11: NE/4 | STEVENS | 2 |
| 30364000 L | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1945 | 14 | 57 | 32S | 39W | 14 | 32S39W14 | 32S-39W SECTION 14: N/2 NW/4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | C. O. JERREL ET UX | A. C. MOORHEAD | 5/20/1943 | 12 | 171 | 32S | 39W | 14 | 32S39W14 | 32S-39W SECTION 14: SW/4 NE/4, S/2 NW/4, NW/4 SW/4 | STEVENS | 2 |
| - | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1945 | 14 | 59 | 32S | MGE | 15 | 32S39W15 | 32S-39W SECTION 15: NE/4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | E. V. BARKER ET UX | JOE E. DENHAM | 4/21/1944 | 12 | 421 | 32S | MGE | 15 | 32S39W15 | 325-39W SECTION 15: SW/4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | ETHEL B SPRING | PANHANDLE EASTERN PIPE LINE COMPANY | 8/17/1948 | 23 | 129 | 32S | MGE | 15 | 32S39W15 | 325-39W SECTION 15: SE/4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | JESSE F. SIMMONS ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 7/1/1943 | 12 | 297 | 32S | MGE | 15 | 32S39W15 | 32S-39W SECTION 15: NW/4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | MAUDE H. SIMMONS ET VIR | T. J. WAGNER JR | 7/29/1943 | 12 | 211 | 32S | MGE | 22 | 32S39W22 | 32S-39W SECTION 22: N/2 SE/4 | STEVENS | 2 |
| 84198000 L | LEASE - OIL AND GAS | W. W. JENKINS ET AL | STANOLIND OIL AND GAS COMPANY | 11/5/1943 | 12 | 551 | 32S | MGE | 22 | 32S39W22 | 325-39W SECTION 22: NW/4 | STEVENS | 2 |
| 84041000 L | LEASE - OIL AND GAS | G. R. HICKOK ET UX | A. C. MOORHEAD | 5/28/1943 | 12 | 169 | 32S | 39W | 23 | 32S39W23 | 32S-39W SECTION 23: NW/4 | STEVENS | 2 |
| 84051000 L | LEASE - OIL AND GAS | DORA MOON | T. J. WAGNER JR | 12/13/1943 | 12 | 549 | 32S | MGE | 27 | 32S39W/27 | 32S-39W SECTION 27: E/2 SW/4 | STEVENS | 2 |
| 76926000 L | LEASE - OIL AND GAS | J. C. MOON ET UX | T. J. WAGNER JR | 11/16/1943 | 12 | 535 | 32S | MGE | 27 | 32S39W/27 | 325-39W SECTION 27: W/2 SW/4 | STEVENS | 2 |
| | TERM MINERAL DEED | LARRY E. KEENAN | ANADARKO PETROLEUM CORPORATION | 7/15/1986 | 234 | 432 | 32S | 39W | 27 | 32S39W27 | 32S-39W SECTION 27: W/2 SW/4 | STEVENS | 2 |
| T 00077277 | TERM MINERAL DEED | ROBERT P. KEENAN | ANADARKO PETROLEUM CORPORATION | 6/30/1986 | 234 | 432 | 32S | 39W | 27 | 32S39W27 | 32S-39W SECTION 27: W/2 SW/4 | STEVENS | 2 |
| 30363000 L | LEASE - OIL AND GAS | AMOS V. YOUNGGREN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1945 | 14 | 23 | 32S | MGE | т | 32S39W3 | 32S-39W SECTION 3: NE4 | STEVENS | 2 |
| | LEASE - OIL AND GAS | A. R. SWINDLER | JOE E. DENHAM | 5/11/1944 | 11 | 365 | 32S | 40W | 32 | 32S40W32 | 325-40W SECTION 32: SW/4 | MORTON | 2 |
| 83065000 L | LEASE - OIL AND GAS | F.J. KULE | JOE E. DENHAM | 3/16/1944 | 11 | 256 | 32S | 40W | 32 | 32S40W32 | 32S-40W SECTION 32: SE/4 | MORTON | 2 |
| 63493000 | LEASE - OIL AND GAS | GUY E. SPEAR, ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/6/1951 | 16 | 291 | 32S | 41W | 14 | 32S41W14 | 32S-41W SECTION 14: NW/4 SW/4 | MORTON | 1 |
| 63286000 L | LEASE - OIL AND GAS | THE KANSAS UNIVERSITY ENDOWMENT ASSOCIATION | | 10/3/1951 | 16 | я | 32S | 41W | 23 | 32S41W23 | 32S-41W SECTION 23: NW/4 | MORTON | 1 |
| 82933000 1 | LEASE - OIL AND GAS | COURTLAND DEAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1959 | 20 | 321 | 32S | 41W | m | 32S41W3 | 32S-41W SECTION 3: LOTS 1 AND 2 AND THE S/2 NE/4 | MORTON | 1 |
| 82933000 1 | LEASE - OIL AND GAS | COURTLAND DEAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1959 | 20 | 321 | 32S | 41W | m | 32S41W3 | 32S-41W SECTION 3: SW/4 NE/4 | MORTON | 1 |
| 82939000 | LEASE - OIL AND GAS | MARTIN RUSSELL JOHNS ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/6/1951 | 16 | 229 | 32S | 41W | m | 32S41W3 | 32S-41W SECTION 3: S/2 | MORTON | 1 |
| 83495000 1 | LEASE - OIL AND GAS | ED F. KELLER ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69 | 189 | SEE | 31W | 30 | 33S31W30 | 33S-31W SECTION 30: LOT 1 | SEWARD | 2 |
| 83625000 1 | LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 12 | 33S | зıw | 30 | 33S31W30 | 33S-31W SECTION 30: E/2 | SEWARD | 2 |
| 83624000 1 | LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 11 | 335 | MIE | 30 | 33S31W30 | 33S-31W SECTION 30: LOTS 2, 3, 4, SE/4 SW/4, NE/4 NW/4, SE/4 NW/4, NE/4 SW/4 | SEWARD | 2 |
| 83672000 1 | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | ANADARKO PETROLEUM CORPORATION | 6/28/1963 | 208 | 185 | SEE | BIW | 31 | 33S31W31 | 33S-31W SECTION 31: E/2 SE/4, SE/4 NE/4 | SEWARD | 2 |
| 83621000 | LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE | 3/1/1957 | 159 | 5 | SEE | 31W | 31 | 33S31W31 | 33S-31W SECTION 31: NE/4 NE/4, W/2 E/2 | SEWARD | 7 |

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|---------------------|--|--|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 10 | 33S | 31W | 31 | 33S31W31 | 33S-31W SECTION 31: LOTS 1, 2, 3, 4, E/2 W/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | CONNIE C. DAVIS | T.S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 743 | SEE | 32W | 2 | 332SW2 | 335-32W SECTION 2: SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | F. A. FELLERS | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 738 | 33S | 32W | 2 | 33S32W2 | 335-32W SECTION 2: SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | MAIDA DENIO | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 733 | SEE | 32W | 2 | 33S32W2 | 335-32W SECTION 2: SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | BOARD OF COUNTY COMMISSIONERS | WHITESTONE PETROLEUM CORP | 2/18/1963 | 206 | 515 | SEE | 32W | 25 | 33S32W25 | 335-32W SECTION 25: SE/4 SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | ED F. KELLER ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 8 | 185 | SEE | 32W | 25 | 33S32W25 | 335-32W SECTION 25: S/2 NW/4, N/2 NE/4, N/2 NW/4, S/2 NE/4, S/2 SE/4, N/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | ED F. KELLER ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69 | 188 | SEE | 32W | 25 | 33S32W25 | 335-32W SECTION 25: N/2 SW/4, SE/4 SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | BEVERLY H. MALIN ET VIR | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 459 | 632 | SEE | 32W | m | 33S32W3 | 33S-32W SECTION 3: LOTS 2, 3, 8, 5, 2, NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE(4) | SEWARD | 2 |
| LEASE - OIL AND GAS | CONNIE C. DAVIS | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 743 | SEE | 32W | æ | 33S32W3 | 33S-32W SECTION 3: S/2 NE/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | DONNA MARIE WALKER TRUST | T.S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 461 | 489 | SEE | 32W | n | 33S32W3 | 335-32W SECTION 3: E/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | EARL DEAN HEADRICK TRUST | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 905 | SEE | 32W | m | EW2ESEE | 335-32W SECTION 3: LOTS 2, 3, & 4, S/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4) | SEWARD | 2 |
| LEASE - OIL AND GAS | F. A. FELLERS | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 738 | 33S | 32W | m | 33S32W3 | 335-32W SECTION 3: S/2 NE/2, W/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | JACK REYNOLDS ET UX | T. S. DUDLEY LAND COMPANY INC. | 2/20/1995 | 460 | 868 | 33S | 32W | m | EWSESEE | 335-32W SECTION 3: SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | MAIDA DENIO | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 733 | SEE | 32W | m | 33S32W3 | 335-32W SECTION 3: S/2 NE/2, W/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | VERNA MAE HEADRICK TRUST | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 006 | SEE | 32W | m | 33S32W3 | 335-32W SECTION 3: LOTS 2, 3, 8, 4, 5/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4) | SEWARD | 2 |
| LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 25 | SEE | 32W | 36 | 33S32W36 | 335-32W SECTION 36: N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | RICE DAVIES ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 7 | 33S | 32W | 36 | 33S32W36 | 33S-32W SECTION 36: S/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | ARKALON GRAZING ASSOCIATION | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 461 | 499 | 33S | 32W | 4 | 33S32W4 | 33S-32W SECTION 4: E/2 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | CECIL MILHON ET UX | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460 | 626 | SEE | 32W | 4 | 33S32W4 | 33S-32W SECTION 4: SW/4, W/2 SE/4, N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | PAUL HOAG | T. S. DUDLEY LAND COMPANY INC. | 3/24/1995 | 460 | 696 | 33S | 32W | 4 | 33S32W4 | 33S-32W SECTION 4: W/2 SE/4, SW/4, N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | WILLIAM E. HIRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HIRN | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459 | 1061 | 33S | 32W | 4 | 33S32W4 | 335-32W SECTION 4: SW/4, W/2 SE/4, N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | WILLIAM J. STEWART | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459 | 1069 | 33S | 32W | 4 | 33S32W4 | 335-32W SECTION 4: SW/4, W/2 SE/4, N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | WILLIAM E. HIRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HIRN | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459 | 1061 | SEE | 32W | ŋ | 33S32W9 | 33S-32W SECTION 9: ALL | SEWARD | 2 |
| LEASE - OIL AND GAS | WILLIAM J. STEWART | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459 | 1069 | 33S | 32W | σ | 33S32W9 | 335-32W SECTION 9: ALL | SEWARD | 2 |
| LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE | 7/19/1954 | 135 | 185 | SEE | MEE | 21 | 33S33W21 | MEE-SEE | SEWARD | 2 |

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|------------------------------|-----------------|--|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| CARL W. MORGAN ET AL | - | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1954 | 135 | 186 | SEE | 33W | 21 | 33S33W21 | 335-33W SECTION 21: SW/4 | SEWARD | 7 |
| CHARLES H. MORGAN | | ANADARKO PETROLEUM CORPORATION | 8/14/1986 | 593 | 574 | SEE | 33W | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| CONNIE MORGAN SHAW | | ANADARKO PETROLEUM CORPORATION | 8/5/1986 | 593 | 574 | SEE | MEE | 21 | 12WEESEE | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| HARLEY MORGAN | | ANADARKO PETROLEUM CORPORATION | 8/27/1986 | 593 | 574 | SEE | MEE | 21 | 12WEESEE | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| KIMBERLY K. M. DAEMI ET VIR | | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | SEE | 33W | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| LEE V. SWAN ET UX | | BEN F. BLACK | 1/1/1945 | 69 | 511 | SEE | MEE | 21 | 12WEESEE | 335-33W SECTION 21: NE/4 | SEWARD | 2 |
| LEOLA L. STALEY | Ĺ | ANADARKO PETROLEUM CORPORATION | 9/16/1986 | 293 | 574 | SEE | 33W | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| LINDA M. BAUNHOFER ET VIR | A | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | SEE | 33W | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 7 |
| LOTTIE F. ARMSTRONG ET VIR | PANH | PANHANDLE EASTERN PIPE LINE COMPANY | 11/10/1944 | 69 | 352 | 33S | 33W | 21 | 33S33W21 | 33.33W SECTON 21: SEL LESS AND EXCEPT THE WELLBORE OF THE DODD MADDEN A.1-21 WELL API 1517530012 | SEWARD | и |
| NANCY BALLINGER ET VIR ET AL | < | ANADARKO PETROLEUM CORPORATION | 6/30/1986 | 293 | 574 | SEE | MEE | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| STEPHEN MORGAN | 4 | ANADARKO PETROLEUM CORPORATION | 8/4/1986 | 593 | 574 | SEE | MEE | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| SYLVIA M. PRAT ET VIR | 4 | ANADARKO PETROLEUM CORPORATION | 8/11/1986 | 593 | 574 | SEE | MEE | 21 | 33S33W21 | 335-33W SECTION 21: NW/4, SW/4 | SEWARD | 2 |
| ALICE WYATT ET VIR | | BEN F. BLACK | 12/18/1944 | 23 | 506 | SEE | MEE | 25 | 33S33W25 | 335-33W SECTION 25: N/2 NE/4, W/2 NE/4 | SEWARD | 7 |
| ANNIE K. LATIMER | | BEN F. BLACK | 1/8/1945 | 73 | 541 | SEE | MEE | 52 | 33C33W25 | 335-33W SECTION 25: SW/4, NW/4 SE/4 | SEWARD | 2 |
| FEDERAL FARM MORTGAGE CORP | PANH | PANHANDLE EASTERN PIPE LINE COMPANY | 6/12/1950 | 102 | 263 | 33S | MEE | 25 | 33S33W25 | 33S-33W SECTION 25: S/2 NE/4 NE/4 | SEWARD | 2 |
| L. A. PHILLIPS ET UX | | BEN F. BLACK | 12/1/1945 | 75 | 213 | 33S | 33W | 25 | 33S33W25 | 335-33W SECTION 25: W/2 NW/4 | SEWARD | 2 |
| LOTTIE PIEHLER ET AL | | BEN F. BLACK | 2/15/1945 | 73 | 459 | SEE | MEE | 25 | 33S33W25 | 33S-33W SECTION 25: NE/4 SE/4, S/2 SE/4, SE/4 NE/4 | SEWARD | 2 |
| ROLLAND JACQUART ET AL | PAN | PANHANDLE EASTERN PIPE LINE COMPANY | 6/12/1950 | 102 | 54 | SEE | MEE | 25 | 33S33W25 | 33S-33W SECTION 25: S/2 NE/4 NE/4 | SEWARD | 2 |
| DAISY V. HEARD ET UX | | BEN F. BLACK | 12/5/1944 | 69 | 508 | SEE | 33W | 26 | 33S33W26 | 33S-33W SECTION 26: SE/4 | SEWARD | 2 |
| CLIFFORD H. BROWNE ET UX | PAN | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69 | 431 | SEE | MEE | 27 | 33S33W27 | 33S-33W SECTION 27: NE | SEWARD | 2.17 |
| GERTRUDE BARTON | | BEN F. BLACK | 1/15/1945 | 73 | 427 | SEE | MEE | 27 | 33S33W27 | 335-33W SECTION 27: SE/4 | SEWARD | 2 |
| IDA M. GARY ET AL | | JOHN M. FRANKLIN | 10/23/1944 | 69 | 579 | SEE | MEE | 27 | 33S33W27 | 33S-33W SECTION 27: W/2 | SEWARD | 2 |
| IDA M. GARY ET AL | | JOHN M. FRANKLIN | 10/23/1944 | 69 | 579 | SEE | MEE | 28 | 33S33W28 | 33S-33W SECTION 28: SE/4 | SEWARD | ч |
| A. B. GRISHAM ET AL | PAN | PANHANDLE EASTERN PIPE LINE COMPANY | 3/31/1958 | 169 | 275 | SEE | 33W | 34 | 33S33W34 | 335-33W SECTION 34: SW/4 | SEWARD | 2 |
| IDA CAMERON | PA | PANHANDLE EASTERN PIPE LINE COMPANY | 4/2/1958 | 169 | 54 | SEE | MEE | 34 | 33S33W34 | 335-33W SECTION 34: SW/4 | SEWARD | 2 |
| LAUREL A. MARCH ET AL | 4 | PANHANDLE EASTERN PIPE LINE COMPANY | 3/31/1958 | 169 | 56 | SEE | MEE | 34 | #EMEESEE | 33S-33W SECTION 34: SW/4 | SEWARD | 2 |
| ROSS FRAIM ET UX | A | PANHANDLE EASTERN PIPE LINE COMPANY | 3/18/1958 | 166 | 687 | SEE | MEE | 34 | 33S33W34 | 335-33W SECTION 34: SW/4 | SEWARD | 2 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| | LEASE - OIL AND GAS | W. G. HARDEN ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1944 | 69 | 170 | 33S | 33W | 34 | 33S33W34 | 33S-33W SECTION 34: N/2 | SEWARD | 2 |
| | LEASE - OIL AND GAS | ROSS FRAIM ET UX | BEN F. BLACK | 12/9/1944 | 73 | 326 | SEE | MEE | 35 | SEMEESEE | 33S-33W SECTION 35: S/2 | SEWARD | 2 |
| | LEASE - OIL AND GAS | W. E. SALLEY ET UX | BEN F. BLACK | 4/18/1946 | 75 | 236 | SEE | MEE | 35 | 3333W35 | 33S-33W SECTION 35: NW/4 | SEWARD | 2 |
| 1 | LEASE - OIL AND GAS | CARL W. MORGAN ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135 | 182 | 33S | MEE | 6 | 33S33W9 | 335-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| | TERM MINERAL DEED | CHARLES H. MORGAN | ANADARKO PETROLEUM CORPORATION | 8/14/1986 | 293 | 574 | SEE | MEE | 6 | 6MEESEE | 335-33W SECTION 9: 5/2 NW/4 | SEWARD | 2 |
| | TERM MINERAL DEED | CONNIE MORGAN SHAW | ANADARKO PETROLEUM CORPORATION | 8/5/1986 | 593 | 574 | SEE | 33W | ŋ | 6MEESEE | 33S-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| <u> </u> | TERM MINERAL DEED | HARLEY MORGAN | ANADARKO PETROLEUM CORPORATION | 8/27/1986 | 593 | 574 | SEE | 33W | 6 | 6MEESEE | 335-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| - | TERM MINERAL DEED | KIMBERLY K. M. DAEMI ET VIR | ANADARKO PETROLEUM CORPORATION | 9661/1/8 | 593 | 574 | SEE | MEE | 6 | 6MEESEE | 33S-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| - | TERM MINERAL DEED | LEOLA L STALEY | ANADARKO PETROLEUM CORPORATION | 9/16/1986 | 593 | 574 | 33S | 33W | 6 | 6MEESEE | 335-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| - | TERM MINERAL DEED | LINDA M. BAUNHOFER ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996 | 593 | 574 | SEE | MEE | 6 | 6MEESEE | 335-33W SECTION 9: S/2 NW/4 | SEWARD | 7 |
| - | LEASE - OIL AND GAS | MARY N. ETZOLD | PANHANDLE EASTERN PIPE LINE COMPANY | 8/26/1944 | 69 | 124 | SEE | 33W | 6 | 6MEESEE | 33S-33W SECTION 9: SW/4 | SEWARD | 2 |
| - | TERM MINERAL DEED | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION | 6/30/1986 | 593 | 574 | SEE | 33W | 6 | 6/MEESEE | 335-33W SECTION 9: 5/2 NW/4 | SEWARD | 7 |
| - | TERM MINERAL DEED | STEPHEN MORGAN | ANADARKO PETROLEUM CORPORATION | 8/4/1986 | 593 | 574 | SEE | MEE | 6 | 6MEESEE | 335-33W SECTION 9: S/2 NW/4 | SEWARD | 2 |
| - | TERM MINERAL DEED | SYLVIA M. PRAT ET VIR | ANADARKO PETROLEUM CORPORATION | 8/11/1986 | 593 | 574 | SEE | 33W | 6 | 6MEESEE | 33S-33W SECTION 9: 5/2 NW/4 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | HAZEL LUCILLE JONES ET VIR | FRED C. KOCH | 4/3/1944 | 1 | 620 | 33S | 34W | 10 | 33S34W10 | 33S-34W SECTION 10: E/2 SE/4 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | FRED C. KOCH ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 7/11/1949 | 85 | 334 | SEE | 34W | 15 | 33S34W15 | 33S-34W SECTION 15: NW/4 NE/4, SE/4, SW/4 NE/4, W/2 | SEWARD | 2, 14 |
| | LEASE - OIL AND GAS | CECIL G. MELTON ET UX | PFRANK PARKES | 9/23/1942 | 64 | 251 | SEE | 34W | 18 | 33S34W1B | 33S-34W SECTION 18: SW/4 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | D. W. MCGEE ET UX | FRANK PARKES | 3/4/1942 | 64 | 238 | 33S | 34W | 18 | 33S34W18 | 33S-34W SECTION 1B: N/2, SE/4 | SEWARD | 2 |
| | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA | FRED C. KOCH | 4/24/1944 | ۲ | 613 | SEE | 34W | 7 | 33S34W2 | 335-34W SECTION 2: S/2 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | GUY S. SPARKMAN ET UX | CITIES SERVICE OIL COMPANY | 4/21/1943 | 47 | 552 | SEE | 34W | 2 | 33S34W2 | 33S-34W SECTION 2: NW/4 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | GLEN MARCELLUS ET UX | CITIES SERVICE OIL COMPANY | 4/24/1943 | 47 | 551 | SEE | 34W | 23 | 33S34W23 | 335-34W SECTION 23: N/2 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | OWEN E. MAXWELL ET UX | CITIES SERVICE OIL COMPANY | 4/24/1943 | 47 | 554 | SEE | 34W | 23 | 33S34W23 | 33S-34W SECTION 23: S/2 | SEWARD | 2, 16 |
| | LEASE - OIL AND GAS | JOSEPH J. SCHOONOVER ET UX | FRED C. KOCH | 5/6/1944 | 69 | 2 | SEE | 34W | 25 | 33S34W25 | 33S-34W SECTION 25: NW/4 | SEWARD | 2 |
| | LEASE - OIL AND GAS | THEOPOLIS A HACKER, OTHERWISE KNOWN AS T. A. HACKER AND ROBERTA HACKER, HIS WIFE | | 6/15/1949 | 85 | 318 | SEE | 34W | 26 | 33S34W26 | 33S-34W SECTION 26: W/2 | SEWARD | 2 |
| - | LEASE - OIL AND GAS | ANNA GUTTRIDGE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/11/1949 | 85 | 315 | SEE | 34W | 27 | 33S34W27 | 33S-34W SECTION 27: S/2 NW/4 | SEWARD | 2, 15 |
| - | LEASE - OIL AND GAS | CLARENCE M. NIX ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 7/22/1949 | 85 | 325 | 33S | 34W | 27 | 33S34W27 | 33S-34W SECTION 27: N/2 SW/4, SE/4 SW/4, SW/4 SW/4 | SEWARD | 2, 15 |
| - | LEASE - OIL AND GAS | HENRY GUTTRIDGE ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 6/10/1949 | 85 | 313 | SEE | 34W | 27 | 33S34W27 | 33S-34W SECTION 27: N/2 NW/4 | SEWARD | 2, 15 |
| | LEASE - OIL AND GAS | MAUDE GUTTRIDGE ET AL | TOM BURDEN | 4/22/1969 | 249 | 360 | SEE | 34W | 27 | 33S34W27 | 33S-34W SECTION 27: E/2 | SEWARD | 2, 15 |

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| Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|--|-----------------|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 325 | SEE | 34W | 28 | 33S34W2B | 33S-34W SECTION 28: NW/4 | SEWARD | 2 |
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 331 | 33S | 34W | 28 | 33S34W28 | 33S-34W SECTION 28: SW/4 | SEWARD | 2 |
| PANHANDLE EASTERN PIPE COMPANY | CINE | 7/22/1949 | 85 | 326 | 33S | 34W | 28 | 33S34W28 | 33S-34W SECTION 28: NE/4 | SEWARD | 2 |
| FRANK PARKES | | 9/23/1942 | 64 | 257 | 33S | 34W | 28 | 33S34W2B | 33S-34W SECTION 28: SE/4 | SEWARD | 2 |
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 326 | SEE | 34W | 29 | 33S34W29 | 33S-34W SECTION 29: SW/4 | SEWARD | 2,20 |
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 327 | 33S | 34W | 29 | 33S34W29 | 33S-34W SECTION 29: NE/4 | SEWARD | 2, 20 |
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 328 | SEE | 34W | 53 | 33S34W29 | 33S-34W SECTION 29: SE/4 | SEWARD | 2, 20 |
| PANHANDLE EASTERN PIPE COMPANY | | 6/10/1949 | 85 | 308 | 33S | 34W | 29 | 33S34W29 | 33S-34W SECTION 29: NW/4 | SEWARD | 2, 20 |
| PANHANDLE EASTERN PIPE LINE COMPANY | LINE | 10/26/1949 | 85 | 351 | 335 | 34W | 30 | 33S34W30 | 33S-34W SECTION 30: SE/4 | SEWARD | 2 |
| NHANDLE EASTERN COMPANY | BNI | 6/10/1949 | 85 | 311 | 33S | 34W | ЭО | 33S34W30 | 33S-34W SECTION 30: NE/4 | SEWARD | 2 |
| NORTHERN NATURAL GA: COMPANY | 10 | 4/10/1946 | 75 | 259 | 33S | 34W | ЭO | 33S34W30 | 33S-34W SECTION 30: Lots 3, 4, E/2 SW/4 | SEWARD | 2 |
| FRANK PARKES | | 3/3/1942 | 64 | 227 | SEE | 34W | ое | 33S34W30 | 33S-34W SECTION 30: NW/4 | SEWARD | 2 |
| CITIES SERVICE OIL COMPANY | | 6/25/1943 | 47 | 329 | SEE | 34W | æ | 33S34W33 | 33S-34W SECTION 33: NW/4 | SEWARD | 2, 19 |
| E. L. BRADLEY | | 6/18/1945 | 73 | 215 | SEE | 34W | 33 | 33S34W33 | 33S-34W SECTION 33: SE/4 | SEWARD | 2, 19 |
| FRANK PARKES | | 3/4/1942 | 64 | 238 | 33S | 34W | 7 | 33S34W7 | 33S-34W SECTION 7: SE/4 | SEWARD | 2 |
| NORTHERN NATURAL GAS COMPANY | | 11/26/1947 | 23 | 73 | 33S | 35W | 25 | 33S35W25 | 33S-35W SECTION 25: N/2 SW/4 | STEVENS | 2 |
| NORTHERN NATURAL GAS COMPANY | | 1/5/1948 | 23 | 81 | 33S | 35W | 25 | 33S35W25 | 33S-35W SECTION 25: S/2 S/V/4, SE/4 | STEVENS | 2 |
| NORTHERN NATURAL GAS COMPANY | | 3/18/1946 | 14 | 155 | 33S | 35W | 25 | 33S35W25 | 33S-35W SECTION 25: NW/4 | STEVENS | 2 |
| NORTHERN NATURAL GAS COMPANY | | 3/15/1951 | 23 | 367 | 335 | 35W | 25 | 33S35W25 | 33S-35W SECTION 25: NE/4 | STEVENS | 2 |
| NORTHERN NATURA COMPANY | | 11/27/1942 | 11 | 347 | 33S | 36W | 9 | 33S36W6 | 33S-36W SECTION 6: SW/4 | STEVENS | 2 |
| NORTHERN NATURAL GAS COMPANY | | 5/11/1939 | 10 | S | 33S | 36W | 9 | 33S36W6 | 33S-36W SECTION 6: SW/4 | STEVENS | 2 |
| WESTERN PRODUCTION COMPANY | | 9/11/1930 | 10 | 5 | 335 | 36W | 9 | 33S36W6 | 33S-36W SECTION 6: SW/4 | STEVENS | 2 |
| TEXAS INTERSTATE PIPE LINE | Ö | 10/16/1936 | 7 | 585 | 33S | 37W | 18 | 33S37W18 | 33S-37W SECTION 18: W/2 | STEVENS | 2 |
| TEXAS INTERSTATE PIPE LINE | Ö | 11/9/1935 | 7 | 418 | SEE | 37W | 18 | 33S37W18 | 33S-37W SECTION 18: SE/4 | STEVENS | 2 |
| PANHANDLE EASTERN PIPE COMPANY | LINE | 9/19/1938 | б | 11 | 33S | 37W | 18 | 33S37W18 | 33S-37W SECTION 18: NE/4 | STEVENS | 2 |
| ORVILLE H. PARKER | | 3/13/1940 | 6 | 134 | SEE | 37W | 19 | 33S37W19 | 33S-37W SECTION 19: NE/4 | STEVENS | 2 |
| ORVILLE H. PARKER | | 2/28/1940 | 6 | 147 | 335 | 37W | 19 | 33S37W19 | 33S-37W SECTION 19: NW/4 | STEVENS | 2 |
| FRED PHILLIPS | | | | | | | | | 335-37W | | |

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| ewres | 9 33537W9 9 9 33537W9 | σ σ | 9 93 37W 93 | 33S 33W 9 | 537 335 37W 9 631 335 37W 9 | 12 537 335 37W 9 11 631 335 37W 9 11 631 335 37W 9 | 537 335 37W 9 631 335 37W 9 | 12 537 335 37W 9 11 631 335 37W 9 | 1120/1943 12 537 335 37W 9 6/7/1973 11 631 335 37W 9 | D. D. HARRINGTON 11201943 12 537 335 37W 9 A. C. MOORHEAD 67/1973 11 631 335 37W 9 |
|---------|--------------------------|--|---|--|---|--|--|---|--|---|
| S | | ŋ | 9 M/E | 6 MZE SEE | 631 33S 37W | 11 631 33S 37W 9 | 11 631 33S 37W 9 | 6//1973 11 631 33S 37W 9 | A.C.MOORHEAD 6/7/1973 11 631 33S 37W 9 | H., C. STURGEON ET AL A. C. MOORHEAD 6//1973 11 631 33S 37W 9 |
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| S38\ | 1 33S38W1 | ч | 38W 1 | 1 MBE SEE | 443 33S 38W 1 | 1 443 33S 38W 1 | 443 33S 38W 1 | 1 443 33S 38W 1 | 10/28/1927 1 443 335 38W 1 | EDW B. MCKENNA 10/28/1927 1 443 335 38W 1 |
| S38W | 1 33S3BW1 | 1 | 38W 1 | 33S 38W 1 | 442 33S 38W 1 | 1 442 33S 38W 1 | 442 33S 38W 1 | 10/28/1927 1 442 33S 38W 1 | 10/28/1927 1 442 33S 38W 1 | EDW B. MCKENNA 10/28/1927 1 442 33S 3BW 1 |
| 238W11 | 11 33S38W11 | 11 | 38W 11 | 33S 38W 11 | 593 33S 38W 11 | 11 593 33S 38W 11 | 593 33S 38W 11 | LINE 4/27/1943 11 593 33S 38W 11 | LINE 4/27/1943 11 593 33S 38W 11 | PANHANDLE EASTERN PIPE LINE 4/27/1943 11 593 33S 38W 11 COMPANY COMPANY 4/27/1943 11 593 33S 38W 11 |
| S38W11 | 11 33S38W11 | 11 | 38W 11 | 11 | 42 33S 38W 11 | 9 42 33S 38W 11 | 42 33S 38W 11 | LNE 9/5/1940 9 42 33S 38W 11 | LNE 9/5/1940 9 42 33S 38W 11 | PANHANDLE EASTERN PIPE LINE 9/5/1940 9 42 33S 38W 11 COMPANY |
| S38W11 | 11 33S38W11 | 11 | 38W 11 | 33S 38W 11 | 163 33S 38W 11 | 12 163 33S 38W 11 | 163 33S 38W 11 | LNE 5/13/1943 12 163 33S 38W 11 | LNE 5/13/1943 12 163 33S 38W 11 | PANHANDLE EASTERN PIPE LINE 5/13/1943 12 163 33S 38W 11 COMPANY |
| 538W11 | 11 33S38W11 | 11 | 38W 11 | 33S 38W 11 | 165 33S 38W 11 | 12 165 33S 38W 11 | 165 33S 38W 11 | 4 PIPE LINE 5/13/1943 12 165 33S 38W 11 | LINE 5/13/1943 12 165 33S 38W 11 | PANHANDLE EASTERN PIPE LINE 5/13/1943 12 165 335 38W 11 COMPANY |
| 538W11 | 11 33S3BW11 | 11 | 38W 11 | 33S 38W 11 | 465 33S 38W 11 | 1 465 33S 38W 11 | 465 33S 38W 11 | 10/29/1927 1 465 33S 38W 11 | 10/29/1927 1 465 33S 38W 11 | EDW B. MCKENNA 10/29/1927 1 465 335 38W 11 |
| 538W12 | 12 33S38W12 | 12 | 38W 12 | 33S 38W 12 | 591 33S 38W 12 | 11 591 33S 38W 12 | 591 33S 38W 12 | LINE 4/27/1943 11 591 33S 38W 12 | LINE 4/27/1943 11 591 33S 38W 12 | PANHANDLE EASTERN PIPE LINE 4/27/1943 11 591 33S 38W 12 COMPANY |
| 538W12 | 12 33S3BW12 | 12 | 38W 12 | 33S 38W 12 | 419 33S 38W 12 | 12 419 33S 38W 12 | 419 33S 38W 12 | LINE 5/9/1944 12 419 33S 38W 12 | LINE 5/9/1944 12 419 33S 38W 12 | PANHANDLE EASTERN PIPE LINE 5/9/1344 12 419 33S 38W 12 |
| S38W12 | 12 33S38W12 | 12 | 38W 12 | 33S 38W 12 | 115 33S 38W 12 | 12 115 33S 38W 12 | 115 33S 38W 12 | 12 115 33S 38W 12 | 7/26/1943 12 115 33S 38W 12 | J.E.DENHAM 7/26/1943 12 115 33S 38W 12 |
| 538W13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 140 33S 38W 13 | 10 140 33S 38W 13 | 140 33S 38W 13 | 3/15/1940 10 140 33S 38W 13 | 3/15/1940 10 140 33S 38W 13 | ORVILLE H. PARKER 3/15/1940 10 140 33S 38W 13 |
| S38W13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 207 33S 38W 13 | 23 207 33S 38W 13 | 207 33S 38W 13 | LINE 11/1/1949 23 207 33S 38W 13 | LINE 11/1/1949 23 207 33S 38W 13 | PANHANDLE EASTERN PIPE LINE 11/1/1949 23 207 335 38W 13 COMPANY COMPANY 23 207 335 38W 13 |
| 538W13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 207 33S 38W 13 | 23 207 33S 38W 13 | 207 33S 38W 13 | LINE 11/1/1949 23 207 33S 38W 13 | LINE 11/1/1949 23 207 33S 38W 13 | PANHANDLE EASTERN PIPE LINE 11/1/1949 23 207 33S 38W 13 COMPANY |
| S3BW13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 595 33S 38W 13 | 14 595 33S 38W 13 | 595 33S 38W 13 | NG 5/5/1947 14 595 335 38W 13 | 5/5/1947 14 595 33S 38W 13 | ALF.M.LANDON 5/5/1947 14 595 335 38W 13 |
| S38W13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 31 33S 38W 13 | 23 31 33S 38W 13 | 31 33S 38W 13 | 23 31 33S 38W 13 | 7/30/1947 23 31 33S 38W 13 | ALF.M. LANDON 7/30/1947 23 31 335 38W 13 |
| S38W13 | 13 33S3BW13 | 13 | 38W 13 | 33S 38W 13 | 31 33S 38W 13 | 23 31 33S 38W 13 | 31 33S 38W 13 | 23 31 33S 38W 13 | 7/30/1947 23 31 33S 38W 13 | ALF.M.LMNDON 7/30/1347 23 31 33S 38W 13 |
| S38W13 | | 13 | 38W 13 | EI MBE SEE | 281 33S 38W 13 | 14 281 33S 38W 13 | 5 14 281 33S 38W 13 | PELINE 11/16/1945 14 281 335 38W 13 | PANHANDLE EASTERN PIPE LINE 11/1 6/1945 14 281 335 38W 13 | PANHANDLE EASTERN PIPE LINE |
| S38W13 | | 13 | 38W 13 | 33S 38W 13 | 281 33S 38W 13 | 14 281 33S 38W 13 | 14 281 33S 38W 13 | 11/16/1945 14 281 33S 38W 13 | 11/16/1945 14 281 332 340 13 | |
| | | | | | | | | | | 11/16/1945 14 281 33S 38W 13 |
| CTAADCO | | 1 | ST W85 | FT MBF SFF | FI MBE SEE 187 | 14 281 335 38W 13 | L1 W85 S55 182 41 | 11/15/1342 I4 28I 33S 38W 13 | 51 W45 245 147 21 226/01/11 | |
| S38W13 | | 13 | 38W 13 | 335 38W 13 33S 38W 13 | 31 335 38W 13 281 335 38W 13 | 23 31 335 38W 13 14 281 335 38W 13 | 23 31 335 38W 13 14 281 335 38W 13 | 7/30/1947 23 31 335 38W 13 UNE 11/16/1945 14 281 335 38W 13 | ALF.M. LANDON 7/30/1947 23 31 335 38W 13 PANHANDLE EASTERN PIPE LINE 11/1/6/1945 14 281 335 38W 13 | BELLA B. BROIDO ET AL ALF.M. LANDON 7/30/1947 23 31 335 38W 13 PANHANDLE EASTERN PIPE LINE 33 |
| | | на н | 38W 1 38W 11 38W 12 38W 12 38W 12 38W 12 38W 12 38W 13 38W 13 < | 335 38W 1 335 38W 11 335 38W 12 335 38W 13 335 38W 13 <td< td=""><td>442 335 38W 1 593 335 38W 11 42 335 38W 11 42 335 38W 11 42 335 38W 11 163 335 38W 11 165 335 38W 11 465 335 38W 11 561 335 38W 11 561 335 38W 12 419 335 38W 12 419 335 38W 12 115 335 38W 12 116 335 38W 12 115 335 38W 13 116 335 38W 13 207 335 38W 13 207 335 38W 13 31 335 38W 13 31 335 38W 13</td><td>1 442 335 38W 1 11 593 335 38W 11 9 42 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 165 335 38W 11 12 165 335 38W 11 13 591 335 38W 11 11 591 335 38W 11 13 591 335 38W 11 13 591 335 38W 12 12 115 335 38W 12 12 115 335 38W 13 13 207 335 38W 13 14 595 335 38W 13 14 595 335 38W</td><td>1 442 335 38W 1 11 593 335 38W 11 9 42 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 165 335 38W 11 12 165 335 38W 11 13 591 335 38W 11 11 591 335 38W 11 13 591 335 38W 11 13 591 335 38W 12 12 115 335 38W 12 12 115 335 38W 13 13 207 335 38W 13 14 595 335 38W 13 14 595 335 38W</td><td>IO/26/1927 1 442 335 38W 1 UNE 4/27/1943 11 593 335 38W 11 UNE 9/5/1940 9 4.2 335 38W 11 UNE 9/5/1940 9 4.2 335 38W 11 UNE 5/13/1943 12 163 335 38W 11 UNE 5/13/1943 12 163 335 38W 11 UNE 5/13/1943 12 165 335 38W 11 UNE 4/27/1943 12 465 335 38W 12 UNE 5/76/1943 11 591 335 38W 12 UNE 11/11940 12 419 335 38W 13 UNE 11/11940 23 207 335 38W 13 UNE 11/11940 23 207 335 38W 13 UNE</td><td>EDW B. MCKENNA 10/28/1927 1 442 335 38W 1 PANHANDLE EASTERN PIPE LINE 4/27/1943 11 593 335 38W 11 COMPANY COMPANY 9/5/1940 9 42 335 38W 11 PANHANDLE EASTERN PIPE LINE 9/5/13403 12 163 335 38W 11 PANHANDLE EASTERN PIPE LINE 5/13/1943 12 165 335 38W 11 PANHANDLE EASTERN PIPE LINE 5/13/1943 12 165 335 38W 11 COMPANY COMPANY 10/29/1923 12 165 335 38W 11 PANHANDLE EASTERN PIPE LINE 5/13/1943 12 165 335 38W 12 PANHANDLE EASTERN PIPE LINE 5/13/1943 11 591 335 38W 12 PANHANDLE EASTERN PIPE LINE 5/13/1943 12 140 335 38W 12 COMPANY COMPANY 7/26/1943 12</td><td>R.LOFLIN EDW & MCKENUA 107281327 1 442 335 38W 1 BRUGE SMITH FLUX PANHANDLE EASTERN PPE LINE 4/27/3943 11 533 38W 11 CENTRAL LIFE ASSURANCE SOCIETY PANHANDLE EASTERN PPE LINE 9/27/3943 11 593 38W 11 CENTRAL LIFE ASSURANCE SOCIETY PANHANDLE EASTERN PPE LINE 9/21/37943 12 165 33S 38W 11 L.M. MILLER FLUX PANHANDLE EASTERN PPE LINE 9/31/37943 12 165 33S 38W 11 L.M. MILLER FLUX PANHANDLE EASTERN PPE LINE 9/31/343 12 165 33S 38W 11 V.F. FAMEY PANHANDLE EASTERN PPE LINE 9/31/343 12 165 33S 38W 11 V.F. FAMEY PANHANDLE EASTERN PPE LINE 9/31/343 12 165 33S 38W 12 V.F. FAMEY REUCE SMITH FLUX PANHANDLE EASTERN PPE LINE 9/31/344 12 11 12 115 13S 38W 12</td></td<> | 442 335 38W 1 593 335 38W 11 42 335 38W 11 42 335 38W 11 42 335 38W 11 163 335 38W 11 165 335 38W 11 465 335 38W 11 561 335 38W 11 561 335 38W 12 419 335 38W 12 419 335 38W 12 115 335 38W 12 116 335 38W 12 115 335 38W 13 116 335 38W 13 207 335 38W 13 207 335 38W 13 31 335 38W 13 31 335 38W 13 | 1 442 335 38W 1 11 593 335 38W 11 9 42 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 165 335 38W 11 12 165 335 38W 11 13 591 335 38W 11 11 591 335 38W 11 13 591 335 38W 11 13 591 335 38W 12 12 115 335 38W 12 12 115 335 38W 13 13 207 335 38W 13 14 595 335 38W 13 14 595 335 38W | 1 442 335 38W 1 11 593 335 38W 11 9 42 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 163 335 38W 11 12 165 335 38W 11 12 165 335 38W 11 13 591 335 38W 11 11 591 335 38W 11 13 591 335 38W 11 13 591 335 38W 12 12 115 335 38W 12 12 115 335 38W 13 13 207 335 38W 13 14 595 335 38W 13 14 595 335 38W | IO/26/1927 1 442 335 38W 1 UNE 4/27/1943 11 593 335 38W 11 UNE 9/5/1940 9 4.2 335 38W 11 UNE 9/5/1940 9 4.2 335 38W 11 UNE 5/13/1943 12 163 335 38W 11 UNE 5/13/1943 12 163 335 38W 11 UNE 5/13/1943 12 165 335 38W 11 UNE 4/27/1943 12 465 335 38W 12 UNE 5/76/1943 11 591 335 38W 12 UNE 11/11940 12 419 335 38W 13 UNE 11/11940 23 207 335 38W 13 UNE 11/11940 23 207 335 38W 13 UNE | EDW B. 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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|-----------------------------|--|------------|------|------|----------|-------|---------|-------------|-----------------------------------|---------|----------|
| 63588000 | LEASE - OIL AND GAS | MONARCH ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 25 | SEE | 38W | 13 | 33S3BW13 | 33S-38W SECTION 13: NW/4 | STEVENS | 2, 25 |
| 63581000 | LEASE - OIL AND GAS | O. G. BITLER ET UX | GILBERT WOOD | 1/11/1945 | 14 | 45 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: SW/4 | STEVENS | 2, 25 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: NW/4 | STEVENS | 2, 25 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: SW/4 | STEVENS | 2, 25 |
| 63591000 | LEASE - OIL AND GAS | PHILIP SHELL ET AL | JOE E. DENHAM | 9/8/1943 | 12 | 147 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: NE/4 | STEVENS | 2, 25 |
| 63579000 | LEASE - OIL AND GAS | R. E. MCKEE ET UX | GILBERT WOOD | 6/6/1945 | 14 | 39 | SEE | 38W | 13 | 33S38W13 | 335-38W SECTION 13: SW/4 | STEVENS | 2, 25 |
| 77284000 | TERM MINERAL DEED | ROSE L FRIEDMAN | ANADARKO PETROLEUM CORPORATION | 12/1/1986 | 121 | 60 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: SW/4 | STEVENS | 2, 25 |
| N/A | LEASE - OIL AND GAS | TOKLAN ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 31 | SEE | 38W | 13 | 33S38W13 | 33S-38W SECTION 13: NW/4 | STEVENS | 2, 25 |
| 84079000 | LEASE - OIL AND GAS | ALF M. LANDON ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1949 | 23 | 209 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NW/4 | STEVENS | 2 |
| 63590000 84343000 | LEASE - OIL AND GAS | ALF M. LANDON ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1949 | 23 | 207 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NE/4 | STEVENS | 7 |
| N/A | LEASE - OIL AND GAS | ALF M. LANDON ET AL | ANADARKO PRODUCTION COMPANY | 4/10/1961 | 23 | 454 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 63585000 76965000 | LEASE - OIL AND GAS | BELLA B. BROIDO ET AL | ALF M. LANDON | 7/30/1947 | 23 | 31 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NE/4 | STEVENS | 2 |
| 63585000 76965000 | LEASE - OIL AND GAS | BELLA B. BROIDO ET AL | ALF M. LANDON | 7/30/1947 | 23 | 31 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| 63585000 76965000 | LEASE - OIL AND GAS | BELLA B. BROIDO ET AL | ALF M. LANDON | 7/30/1947 | 23 | 31 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 63578000 | LEASE - OIL AND GAS | D. D. HARRINGTON ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/16/1945 | 14 | 281 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NE/4 | STEVENS | и |
| 84328000 | LEASE - OIL AND GAS | D. D. HARRINGTON ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/16/1945 | 14 | 279 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | D. D. HARRINGTON ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/16/1945 | 14 | 279 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 84326000 | LEASE - OIL AND GAS | DOSS OIL ROYALTY-COMPANY | GILBERT WOOD | 2/7/1945 | 14 | 27 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 63583000 | LEASE - OIL AND GAS | E. W. GOEBEL ET UX | GILBERT WOOD | 2/2/1945 | 14 | 43 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| 84077000 | LEASE - OIL AND GAS | FIDELITY ROYALTY CO. ET AL | GILBERT WOOD | 1/4/1945 | 14 | 23 | SEE | 3BW | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4, NE/4 | STEVENS | 2 |
| 84080000 | LEASE - OIL AND GAS | JOSEPH WITTMAN | PANHANDLE EASTERN PIPE LINE COMPANY | 12/12/1941 | 11 | 37 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: SE/4 | STEVENS | 2 |
| 63582000 76966000 | LEASE - OIL AND GAS | L. B. JACKSON ET UX | GILBERT WOOD | 1/11/1945 | 14 | 41 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NE/4 | STEVENS | 2 |
| 63582000 76966000 | LEASE - OIL AND GAS | L B. JACKSON ET UX | GILBERT WOOD | 1/11/1945 | 14 | 41 | SEE | 3BW | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 7 |
| 63582000 76966000 | LEASE - OIL AND GAS | L. B. JACKSON ET UX | GILBERT WOOD | 1/11/1945 | 14 | 41 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| 63577000 | LEASE - OIL AND GAS | MACK GREENWOOD ET UX | T.J. WAGNERJR | 10/19/1944 | 14 | 65 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | MACK GREENWOOD ET UX | T.J. WAGNERJR | 10/19/1944 | 14 | 67 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| VIN | LEASE - OIL AND GAS | MACK GREENWOOD ET UX | T.J. WAGNERJR | 10/19/1944 | 14 | 67 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: SW/4 | STEVENS | 2 |
| 63588000 | LEASE - OIL AND GAS | MONARCH ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 25 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | и |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|-------------------------------|--|------------|------|------|----------|-------|---------|-------------|-----------------------------------|---------|----------|
| 63588000 | LEASE - OIL AND GAS | MONARCH ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 25 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 63581000 | LEASE - OIL AND GAS | O. G. BITLER ET UX | GILBERT WOOD | 1/11/1945 | 14 | 45 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NW/4 | STEVENS | 2 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | 33S | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NE/4 | STEVENS | 2 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | 33S | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: NW/4 | STEVENS | 2 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: SW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | TOKLAN ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 33 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | TOKLAN ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 33 | SEE | 38W | 14 | 33S38W14 | 33S-38W SECTION 14: SW/4 | STEVENS | 2 |
| 84078000 | LEASE - OIL AND GAS | UNITED PRODUCING COMPANY INC. | GILBERT WOOD | 1/11/1945 | 14 | 37 | SEE | 38W | 14 | 33S38W14 | 335-38W SECTION 14: NW/4, NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | ALF M. LANDON ET AL | ANADARKO PRODUCTION COMPANY | 4/10/1961 | 23 | 454 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: NE/4 | STEVENS | 2 |
| NA | LEASE - OIL AND GAS | ALF M. LANDON ET AL | ANADARKO PRODUCTION COMPANY | 4/10/1961 | 23 | 454 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| 63585000 76965000 | LEASE - OIL AND GAS | BELLA B. BROIDO ET AL | ALF M. LANDON | 7/30/1947 | 23 | 31 | 33S | 38W | 15 | 33S38W15 | 335-38W SECTION 15: SE/4 | STEVENS | 2 |
| NA | LEASE - OIL AND GAS | D. D. HARRINGTON ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 11/16/1945 | 14 | 279 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| 63582000 76966000 | LEASE - OIL AND GAS | L. B. JACKSON ET UX | GILBERT WOOD | 1/11/1945 | 14 | 41 | SEE | 38W | 15 | 33S38W15 | 335-38W SECTION 15: SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | MACK GREENWOOD ET UX | T. J. WAGNER JR | 10/19/1944 | 14 | 67 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | MACK GREENWOOD ET UX | T. J. WAGNER JR | 10/19/1944 | 14 | 67 | SEE | MBE | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| 63588000 | LEASE - OIL AND GAS | MONARCH ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 25 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| 63581000 | LEASE - OIL AND GAS | O. G. BITLER ET UX | GILBERT WOOD | 1/11/1945 | 14 | 45 | SEE | MBE | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| 76964000 63586000 | LEASE - OIL AND GAS | PHILIP FRIEDMAN ET AL | ALF M. LANDON | 7/30/1947 | 23 | 29 | SEE | MBE | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | STATE LIFE INSURANCE COMPANY | JOE E. DENHAM | 6/23/1944 | 12 | 467 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SW/4 | STEVENS | 2 |
| 84329000 | LEASE - OIL AND GAS | TOKLAN ROYALTY CORPORATION | GILBERT WOOD | 1/11/1945 | 14 | 35 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | W. C. LIGHT ET UX | JOE E. DENHAM | 10/18/1943 | 12 | 159 | SEE | 38W | 15 | 33S38W15 | 33S-38W SECTION 15: SW/4 | STEVENS | 2 |
| 30327000 | LEASE - OIL AND GAS | J. R. FATZER | REPUBLIC NATURAL GAS COMPANY | 1/15/1943 | 11 | 401 | SEE | 38W | 18 | 33S38W18 | 33S-38W SECTION 18: SE/4 | STEVENS | 2 |
| 30318000 | LEASE - OIL AND GAS | JOHN A. GREGORY ET UX | THE AGATE OIL & GAS COMPANY | 2/24/1930 | m | 448 | SEE | 38W | 61 | 33S38W19 | 33S-38W SECTION 19: NW/4 | STEVENS | 2 |
| 83860000 | LEASE - OIL AND GAS | W. M. GUYER ET UX | EDW B. MCKENNA | 10/28/1927 | 1 | 441 | SEE | 38W | 2 | 33S38W2 | 33S-38W SECTION 2: NW/4 | STEVENS | 2 |
| 83868000 | LEASE - OIL AND GAS | W. M. GUYER ET UX | EDW B. MCKENNA | 10/28/1927 | 1 | 440 | 33S | 3BW | 2 | 33S38W2 | 33S-38W SECTION 2: SW/4 | STEVENS | 7 |
| 84363000 | LEASE - OIL AND GAS | W. E. SERIGHT ET UX | ORVILLE H. PARKER | 3/8/1940 | 10 | 141 | 33S | 38W | 24 | 33S38W24 | 33S-38W SECTION 24: NE/4 | STEVENS | 2 |
| 30319000 | LEASE - OIL AND GAS | JOHN A. GREGORY ET UX | SATURN OIL & GAS COMPANY | 3/7/1935 | 7 | 232 | 33S | 38W | 30 | 0EW8ESEE | 33S-38W SECYION 30: SE/4 | STEVENS | 2 |
| 30329000 | LEASE - OIL AND GAS | LUCY E. CRAIG ET AL | D. D. HARRINGTON | 7/7/1945 | 13 | 621 | 33S | 38W | 30 | 0EWBESEE | 33S-38W SECTION 30: NE/4 | STEVENS | ы |

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| Footnote | 2 | 7 | 2 | 2 | 7 | 2 | 7 | 7 | 2 | 2 | N | м | 2 | 2 | 2 |
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| County | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS | STEVENS |
| Legal Description | 33S-38W SECTION 30: W/2 | 33S-38W SECTION 32: SW/4 | 335-38W SECTION 32: SW/4 | 33S-38W SECTION 32: SW/4 | 33S-38W SECTION 32: SW/4 | 33S-38W SECTION 36: S/2 SE/4 | 33S-38W SECTION 36: N/2 SE/4 | 335-38W SECTION 4: A PART OF THE NW/4, MORE SPECIFICALLY DESCRIBED IN SAID LEASE | 33S-38W SECTION 4: SOUTH 109.5 ACRES OF THE NE/4 | 335-38W SECTION 4: SE/4 | 335-38W 355-38W SECTION 4: A PART OF THE NORTHEAST QUARTER NE(4) OF SECTION 4: A PART OF THE NORTHEAST QUARTER NE(4) THE GTH PAL, STEVENS COUNTY, KANSAS, MORE SPECIFICALLY DESCRIBEDAS FOLLOWS, TO WIT: BEGNINING AT THE NORTHWEST CORNERDFAID NORTHEAST QUARTER (NE(4) OF SECTION 4. THENCESOUTHALONG THE WEST ULK OF SAID NORTHEAST QUARTER (NE(4) OF SECTION 4. THENCESOUTHALONG THE NEXCL SAID NORTHEAST QUARTER (NE(4) OF SAID SECTION 4. THENCE ROSTI THENCE EAST ADSTANCE OF 914.68 FEET, THENCE EAST ADSTANCE OF 914.68 FEET, TO THE NORTH A DISTANCE OF 914.68 OF SAID QUARTER SECTION A DISTANCE OF 914.68 FEET TO THE NORTH A DISTANCE OF 914.65 OF SAID QUARTER SECTION A DISTANCE OF 914.65 FEET TO THE NACE OF BEGINING, SAUD THACT FEET TO THE RUSTING TO THE SAUD CONTAUNING TO THE SAUD | 335-38W A PART OF THE NE4 OF SECTION 4, CONTAINING 33 ACRES. BEGINNING AT A POINT ON THE NORTHUNE OF SAID NE4 OF SECTION A DISTANCE OF 91445 FEET EAST OF THE NW/C OF NE4 OF SECTION. THENCE EAST ALONG THE NW/C OF NE4 OF SECTION. THENCE EAST ALONG THE NW/C OF NE4 OF SECTION. THENCE EAST ALONG THE NW/C OF NE4 OF SECTION. THENCE FOR TO THE NE4 THENCE SOUTH ALONG EAST UNE OF SECTION A DISTANCE OF 933.25 FEET, THENCE WEST LINE OF SECTION A DISTANCE OF 933.25 FEET, THENCE WEST LINE OF SECTION A SECTION 9.14.85 FEET EAST OF THE WEST LINE OF NE4. | 33S-38W SECTION 9: NE/4 | 33S-38W SECTION 9: NW/4 | 33S-38W SECTION 9: SE/4 |
| Concatenate | DEVABESEE | 33S38W32 | 33S38W32 | 33S38W32 | 33S38W32 | 9EM8ESEE | 33S38W36 | 33S38W4 | 33S38W4 | 33S3BW4 | *M8536 | 7MBESEE | 33S38W9 | 33S38W9 | 6M8ESEE |
| Section | OE | 32 | 32 | 32 | 32 | 36 | 36 | 4 | 4 | 4 | 7 | 4 | 6 | 6 | 6 |
| Range | 38W | 38W | 38W | 38W | 38W | 38W | 38W | 38W | 38W | 38W | N BE | A BE | 38W | 38W | 38W |
| Township | SEE | SEE | SEE | 33S | SEE | SEE | 33S | 33S | SEE | SEE | SE | 333 SEE | 33S | 33S | SEE |
| Page | 575 | 432 | 432 | 432 | 137 | 68 | 499 | 446 | 423 | 189 | 271 | 569 | 627 | 191 | 339 |
| Book | 12 | 234 | 234 | 234 | 12 | 13 | 12 | 8 | 14 | 12 | ñ | ß | 12 | 12 | 10 |
| Date | 8/6/1943 | 1/1/1986 | 1/1/1986 | 1/1/1986 | 8/13/1943 | 11/8/1944 | 7/6/1944 | 9/16/1937 | 11/4/1946 | 7/26/1943 | 4/25/1952 | 4/25/1952 | 3/28/1944 | 7/26/1943 | 9/2/1941 |
| Original Lessee | T. J. WAGNER JR | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | H. D. TAYLOR | REPUBLIC NATURAL GAS COMPANY | HOWARD H. SIDWELL AGENT | W'1' SULLIVAN | PANHANDLE EASTERN PIPE LINE COMPANY | T. J. WAGNER JR | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | T. J. WAGNER JR | T.J. WAGNER JR | PANHANDLE EASTERN PIPE LINE COMPANY |
| Original Lessor | W. C. LIGHT ET UX | HERMAN T. RATZLAFF | JOHN H. RATZLAFF | LAVERDA MARIE HELWIG | NETTIE RATZLAFF ET AL | DALE PERRILL ET AL | HEIRS OF R. M. CRAWFORD ESTATE | AMOS VINCENT YOUNGGREN | BERTHA A. PERRY | J. N. PERRY ET UX | PEARL R. RICH | PEARLR, RICH | HARRY V, TROUP ET UX | J. N. PERRY ET UX | J. S. MILLER ET AL |
| Agreement Type | LEASE - OIL AND GAS | TERM MINERAL DEED | TERM MINERAL DEED | TERM MINERAL DEED | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 30328000 | 28378001 | 28378002 | 28378003 | 30334000 | 84159000 | 83840000 | 83958000 | 84063000 | 84064000 | 00007858 | 83867000 | 84076000 | 84075000 | 83861000 |

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| NIA LEASE - OIL AND GAS NIA LEASE - OIL AND GAS NIA LEASE - OIL AND GAS 82971000 LEASE - OIL AND GAS 30322000 LEASE - OIL AND GAS 3032000 LEASE - OIL AND GAS NIA LEASE - OIL AND GAS NIA LEASE - OIL AND GAS 30132000 LEASE - OIL AND GAS 30132000 LEASE - OIL AND GAS 30133000 LEASE - OIL AND GAS 30144000 LEASE - OIL AND GAS 30143000 LEASE - OIL AND GAS 30143000 LEASE - OIL AND GAS 30145000 LEASE - OIL AND GAS 30145000 LEASE - OIL AND GAS | E. LESTER ET UX J. A. CHRISTOPHER ET UX HELEN BROOKS HALL ET VIR JESS DAVIDSON, ST AL. W. S. MORGAN ET UX JOHN A. GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL. | REPUBLIC NATURAL GAS COMPANY THE ARGUS PRODUCTION COMPANY | 1101/10/2 | 1 | | | | | | | | |
|---|---|--|------------|-----|-----|-----|-----|----|----------|--|---------|---|
| ASE - OIL AND GAS ASE - OIL AND GAS | J. A. CHRISTOPHER ET UX HELEN BROOKS HALL ET VIR JESS DAVIDSON, ST AL W. S. MORGAN ET UX JOHN A. GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL | THE ARGUS PRODUCTION COMPANY | THETITOIC | 10 | 141 | SEE | MGE | н | 13339W1 | 33S-39W SECTION 1: SW/4 | STEVENS | 2 |
| EASE - OIL AND GAS EASE - OIL AND GAS | HELEN BROOKS HALL ET VIR JESS DAVIDSON, ST AL. W. S. MORGAN ET UX JOHN A. GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL. | | 3/6/1930 | m | 547 | 33S | MGE | 10 | 33S39W10 | 33S-39W SECTION 10: NE/4 | STEVENS | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | JESS DAVIDSON, ST AL W. S. MORGAN ET UX JOHN A. GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL | REPUBLIC NATURAL GAS COMPANY | 7/5/1941 | 10 | 446 | 33S | MGE | 11 | 33S39W11 | 33S-39W SECTION 11: NW/4 | STEVENS | 2 |
| LEASE - OLL AND GAS LEASE - OLL AND GAS | W. S. MORGAN ET UX JOHN A. GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL | A. C. MOORHEAD | 4/15/1943 | 6 | 344 | SEE | 39W | 18 | 33S39W18 | 33S-39W SECTION 1B: NW/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | JOHN A GREGORY ET UX G. L. HAYWARD ET UX JESS DAVIDSON, ST AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/20/1942 | 11 | 152 | SEE | MGE | 23 | 33S39W23 | 33S-39W SECTION 23: NW/4 | STEVENS | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | G. L. HAYWARD ET UX JESS DAVIDSON, ST AL. | THE AGATE OIL & GAS COMPANY | 2/24/1930 | 4 | 427 | SEE | MGE | 24 | 33S39W24 | 335-39W SECTION 24: NE/4 | STEVENS | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | JESS DAVIDSON, ST AL. | A. C. MOORHEAD | 4/13/1943 | 12 | 22 | 33S | MGE | m | EMGESEE | 33S-39W SECTION 3: NW/4 | STEVENS | 7 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | | A. C. MOORHEAD | 4/15/1943 | 6 | 344 | SEE | MGE | 2 | 7W9ESEE | 335-39W SECTION 7: SW/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | G. L. HAYWARD ET UX | REPUBLIC NATURAL GAS COMPANY | 4/27/1943 | 6 | 338 | 33S | MGE | ი | 6M6ESEE | 33S-39W SECTION 9: SE/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | H. C. BOWKER | JOE E. DENHAM | 7/14/1943 | 10 | 293 | 33S | 40W | 9 | 33S40W6 | 33S-40W SECTION 6: SW/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | H. C. BOWKER | JOE E. DENHAM | 7/14/1943 | 10 | 293 | SEE | 40W | 9 | 33S40W6 | 33S-40W SECTION 6: SW/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS | JOHN W. SNYDER ET UX | JOE E. DENHAM | 3/20/1944 | 11 | 280 | SEE | 40W | 9 | 33S40W6 | 33S-40W SECTION 6: SE/4 | MORTON | 7 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS | JOHN W. SNYDER ET UX | JOE E. DENHAM | 3/20/1944 | п | 280 | 33S | 40W | 9 | 33S40W6 | 33S-40W SECTION 6: SE/4 | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS | USA KS NM 67923 | MATAGORDA ISLAND EXPLLORATION CORPORATION | 4/27/1987 | 42 | 273 | 33S | 40W | و | 33S40W6 | 335-40W SECTION 6: LOTS 3. 4, 5, 5L/4 NW/4 (A/K/A NW/4) | MORTON | 2 |
| LEASE - OIL AND GAS LEASE - OIL AND GAS | USA KSNM 67924 | MATAGORDA ISLAND EXPLORATION CORPORATION | 5/22/1987 | 42 | 414 | SEE | 40W | 7 | 33S40W7 | 33S-40W SECTION 7: LOTS 1, 2, 3 AND 4, E/2 W/2, E/2 | MORTON | 2 |
| LEASE - OIL AND GAS | CHEROKEE PITTSBURG COAL MINE | ANADARKO PETROLEUM COMPANY | 6/30/1976 | 24 | 14 | 33S | 41W | 12 | 33S41W12 | 335-41W SECTION 12: SE/4 | MORTON | 1 |
| | USA KSNM 77185 | MESA OPERATING LTD PARTNERSHIP | 5/3/1989 | 45 | 243 | SEE | 41W | 12 | 33S41W12 | 335-41W SECTION 12: W/2 | MORTON | 1 |
| LEASE - OIL AND GAS | LLOYD G. STONER ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 10/9/1951 | 16 | 139 | 33S | 43W | 1 | 33S43W1 | 335-43W SECTION 1: SE/4 | MORTON | Ħ |
| LEASE - OIL AND GAS | USA KSNM 77203 | MATAGORDA ISLAND EXPLLORATION CORPORATION | 12/1/1988 | 44 | 462 | 33S | 43W | 12 | 33S43W12 | 33S-43W SECTION 12: SW/4 | MORTON | 1 |
| LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | ANADARKO PETROLEUM CORPORATION | 11/4/1961 | 195 | 365 | 34S | 31W | 5 | 34S31W5 | 34S-31W SECTION 5: LOTS 1, 2, S/2 NE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | ANADARKO PETROLEUM CORPORATION | 11/4/1961 | 195 | 363 | 34S | MIE | S | 34S31W5 | 34S-31W SECTION 5: LOTS 3, 4, S/2 NW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944 | 69 | 194 | 34S | З1W | ß | 34S31W5 | 34S-31W SECTION 5: N/2 SE/4, SE/4 SE/4, SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | ROBERT DAVIES ET UX | ANADARKO PETROLEUM CORPORATION | 12/20/1963 | 213 | 220 | 34S | З1W | ы | 34S31W5 | 34S-31W SECTION 5: SW/4 SE/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | ANADARKO PETROLEUM CORPORATION | 11/4/1961 | 195 | 361 | 34S | 31W | و | 34S31W6 | 34S-31W SECTION 6: LOT 1 | SEWARD | 2 |
| LEASE - OIL AND GAS | RICE DAVIES | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957 | 159 | 6 | 34S | З1W | 9 | 34S31W6 | 34S-31W SECTION 6: LOTS 2 AND 3 | SEWARD | 2 |
| LEASE - OIL AND GAS | ROBERT DAVIES ET UX | E. H. ADAIR | 10/30/1956 | 159 | 116 | 34S | MIE | 9 | 34S31W6 | 34S-31W SECTION 6: NW/4 NW/4, S/2, S/2 N/2 | SEWARD | 2 |
| LEASE - OIL AND GAS | ELTA R. HOWELL ET AL | THE SUPERIOR OIL COMPANY | 11/16/1960 | 190 | 29 | 34S | 31W | 8 | 34S31WB | 34S-31W SECTION 8: SW/4 | SEWARD | 2 |
| LEASE - OIL AND GAS | FRED C. HOWELL ET UX | THE SUPERIOR OIL COMPANY | 11/24/1960 | 190 | 31 | 34S | MIE | 8 | 34S31WB | 34S-31W SECTION 8: SW/4 SW/4 | SEWARD | 2 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|-------------------------------|--|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 83746000 | LEASE - OIL AND GAS | HALLIE HOWELL RISLEY ET VIR | THE SUPERIOR OIL COMPANY | 11/24/1960 | 190 | 66 | S4E | 31W | 80 | 34S31WB | 34S-31W SECTION B: SW/4 SW/4 | SEWARD | 2 |
| 83499000 | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944 | 69 | 192 | 34S | MIE | 8 | 34S31WB | 34S-31W SECTION B: SW/4 SE/4, N/2 SW/4, NW/4, SE/4 SW/4 | SEWARD | 2 |
| 83744000 | LEASE - OIL AND GAS | JESSIE M. ROBERTS ET AL | THE SUPERIOR OIL COMPANY | 11/16/1960 | 190 | 33 | 34S | 31W | 8 | 34S31WB | 34S-31W SECTION 8: SW/4 SW/4 | SEWARD | 7 |
| 83747000 | LEASE - OIL AND GAS | LAWRENCE E. HOWELL ET UX | THE SUPERIOR OIL COMPANY | 11/24/1960 | 190 | 95 | 34S | MIE | ω | 34S31WB | 34S-31W SECTION B: SW/4 SW/4 | SEWARD | 2 |
| 8350000 | LEASE - OIL AND GAS | PANSY H. LANGHOFFER ET VIR | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944 | 69 | 190 | 34S | 31W | æ | 34S31WB | 345-31W SECTION 8: SE/4 NE/4, E/2 SE/4, NW/4 SE/4 | SEWARD | 2 |
| 83758000 | LEASE - OIL AND GAS | ROBERT DAVIES ET UX | E. H. ADAIR | 10/30/1956 | 159 | 116 | 34S | MIE | æ | 34S31WB | 345-31W SECTION 8: N/2 NE/4, SW/4 NE/4 | SEWARD | 2 |
| 83682000 | LEASE - OIL AND GAS | ALPHA ANN MARSH CADY ET VIR | ANADARKO PETROLEUM CORPORATION | 4/13/1965 | 220 | 183 | 34S | 32W | 19 | 34S32W19 | 34S-32W SECTION 19: LOTS 3, 4, E/2 SW/4, SE/4 | SEWARD | 2 |
| 83516000 | LEASE - OIL AND GAS | FRANCES O. ETZENHOUSER ET VIR | PANHANDLE EASTERN PIPE LINE COMPANY | 5/10/1945 | 75 | 144 | 34S | 32W | 19 | 34S32W19 | 345-32W SECTION 19: LOTS 1, 2, E/2 NW/4 | SEWARD | 2 |
| 83702000 | LEASE - OIL AND GAS | HARRY REDFORD ET UX | ANADARKO PRODUCTION CORPORATION | 3/6/1968 | 243 | 465 | 34S | 32W | 19 | 34S32W19 | 345-32W SECTION 19: NE/4 | SEWARD | и |
| 83776000 | LEASE - OIL AND GAS | PAUL DEAN BLASER ET AL | CROSS BAR PETROLEUM INC. | 10/30/1996 | 477 | 310 | 34S | 32W | 29 | 34S32W29 | 34S-32W SECTION 29: NW/4 | SEWARD | 2 |
| 83778000 | LEASE - OIL AND GAS | PAUL DEAN BLASER ET AL | CROSS BAR PETROLEUM INC. | 10/30/1996 | 477 | 314 | 34S | 32W | 29 | 34S32W29 | 345-32W SECTION 29: SW/4 | SEWARD | 2 |
| 83777000 | LEASE - OIL AND GAS | ROCOINC | CROSS BAR PETROLEUM INC. | 10/30/1996 | 477 | 322 | 34S | 32W | 59 | 34S32W29 | 345-32W SECTION 29: NW/4 | SEWARD | 2 |
| 83779000 | LEASE - OIL AND GAS | ROCOINC | CROSS BAR PETROLEUM INC. | 10/30/1996 | 477 | 318 | 34S | 32W | 29 | 34S32W29 | 345-32W SECTION 29: SW/4 | SEWARD | 2 |
| 83684000 | LEASE - OIL AND GAS | L. G. BLACKMER ET UX | THE CARTER OIL COMPANY | 9/16/1955 | 135 | 591 | 34S | 32W | 31 | 34S32W31 | 345-32W SECTION 31: N/2, SW/4 | SEWARD | 2 |
| 83683000 | LEASE - OIL AND GAS | M. ALACE RINDOM ET AL | O. R. WHITAKER | 10/4/1962 | 202 | 160 | 34S | 32W | 32 | 34S32W32 | 34S-32W SECTION 32: NW/4 | SEWARD | 2 |
| 83722000 | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 26 | 366 | 34S | 32W | ы | 34S32W5 | 345-32W SECTION 5: SE/4 | SEWARD | 2 |
| 83722000 | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 376 | 34S | 32W | ß | 34S32W5 | 345-32W SECTION 5: SW/4 | SEWARD | 2 |
| 83710000 | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 356 | 34S | 32W | £ | 34S32W5 | 345-34W SECTION 5: LOTS 3, 4, E/2 NW/4 | SEWARD | 2 |
| 83725000 | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 372 | 34S | 32W | 2 | 34S32W5 | 34S-32W SECTION 5: SE/4 | SEWARD | и |
| 73725000 | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 382 | 34S | 32W | ß | 34S32W5 | 34S-32W SECTION 5: SW/4 | SEWARD | 2 |
| 83713000 | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 362 | 34S | 32W | ß | 34S32W5 | 34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4 | SEWARD | 2 |
| 83723000 | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 368 | 34S | 32W | ы | 34S32W5 | 345-32W SECTION 5: SE/4 | SEWARD | 2 |
| 83723000 | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 378 | 34S | 32W | ß | 34S32W5 | 345-32W SECTION 5: SW/4 | SEWARD | 2 |
| 83711000 | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 358 | 34S | 32W | 5 | 34S32W5 | 34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4 | SEWARD | 2 |
| 83724000 | LEASE - OIL AND GAS | PAULA. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 1/30/1971 | 261 | 370 | 34S | 32W | 5 | 34S32W5 | 345-32W SECTION 5: SE/4 | SEWARD | 2 |
| 73724000 | LEASE - OIL AND GAS | PAULA. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 380 | 34S | 32W | 5 | 34S32W5 | 34S-32W SECTION 5: SW/4 | SEWARD | 2 |
| 83712000 | LEASE - OIL AND GAS | PAUL A. LIGHT ET UX | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 360 | 34S | 32W | 5 | 34S32W5 | 34S-32W SECTION 5: LOTS 3. 4. E/2 NW/4 | SEWARD | 2 |
| 83721000 | LEASE - OIL AND GAS | PAUL W. LIGHT TRUST | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261 | 364 | 34S | 32W | 5 | 34S32W5 | 34S-32W SECTION 5: SE/4 | SEWARD | 2 |

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|----------|---------------------|--|---|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 84136000 | LEASE - OIL AND GAS | GEORGE M. ROLL | A. C. MOORHEAD | 12/24/1942 | Ħ | 511 | 34S | 38W | 32 | 34S3BW32 | 345-38W SECTION 32: NW/4 | STEVENS | 2 |
| NA | LEASE - OIL AND GAS | BILLY JOE BRECHEISEN | TOUCHSTONE RESOURCES LTD | 4/17/1997 | 174 | 913 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | BRENDA JEAN FAGAN TOOLE | TOUCHSTONE RESOURCES LTD | 4/18/1997 | 174 | 943 | 34S | 38W | 33 | 34S3BW33 | 34S-38W SECTION 33: E/2 SW/4, SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | CHARLES FRED HINCH ET UX | TOUCHSTONE RESOURCES LTD | 4/7/1997 | 174 | 934 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4, SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | CHARLES P. BRECHEISEN ET UX | TOUCHSTONE RESOURCES LTD | 2/13/1997 | 174 | 931 | 34S | 38W | 33 | 34S3BW33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | FRED HINCH ET UX | TOUCHSTONE RESOURCES LTD | 3/3/1997 | 174 | 925 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | GALEN A. BRECHEISEN ET AL | TOUCHSTONE RESOURCES LTD | 6/10/1997 | 174 | 919 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | GEORGE L. HINCH ET UX | TOUCHSTONE RESOURCES LTD | 3/21/1997 | 174 | 928 | 34S | 38W | 33 | 34S38W33 | 345-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | JAN DEE FAGAN LLOYD | TOUCHSTONE RESOURCES LTD | 2/18/1997 | 174 | 922 | 34S | 38W | EE | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | LEE O. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 8/14/2001 | 199 | 789 | 34S | 38W | 33 | 34S38W33 | 345-38W SECTION 33: E/2 SW/4, SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | MARION W. BRECHEISEN ET UX | TOUCHSTONE RESOURCES LTD | 4/17/1997 | 174 | 916 | 34S | 38W | еe | 34S38W33 | 345-38W SECTION 33: E/2 SW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | PEGGY H. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 4/15/1997 | 174 | 907 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | RANDON D. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 5/7/1997 | 174 | 916 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4, SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | RODNEY L BRECHEISEN | TOUCHSTONE RESOURCES LTD | 8/14/2001 | 199 | 792 | 34S | 38W | B | 34S3BW33 | 345-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | RONALD J. SCOTT ET UX | TOUCHSTONE RESOURCES LTD | 4/16/1997 | 174 | 916 | 34S | 38W | æ | 34S38W33 | 345-38W SECTION 33: E/2 SW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | ROSEMARY FAGAN | TOUCHSTONE RESOURCES LTD | 3/24/1997 | 174 | 940 | 34S | 38W | 33 | 34S38W33 | 34S-38W SECTION 33: E/2 SW/4. SE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | HARRY C. MORRIS TRUST | ANADARKO PETROLEUM CORPORATION | 2/21/2001 | 196 | 444 | 34S | 38W | 34 | 34S38W34 | 345-38W SECTION 34: SW/4 SW/4, E/2 SW/4 | STEVENS | 2 |
| 84229000 | LEASE - OIL AND GAS | ELIZABETH M. WATKINS | BENEDUM-TREES OIL COMPANY | 5/10/1937 | 2 | 402 | 34S | 38W | 35 | 34S38W35 | 345-38W SECTION 35: SE/4 | STEVENS | 2 |
| 84227000 | LEASE - OIL AND GAS | HORACE WHEELER ET UX | VICTOR H. MARTIN | 11/15/1927 | u | 642 | 34S | 38W | 35 | 34S38W35 | 34S-3BW SECTION 35: NW/4 | STEVENS | 2 |
| 84228000 | LEASE - OIL AND GAS | HORACE WHEELER ET UX | VICTOR H. MARTIN | 11/15/1927 | u | 643 | 34S | 38W | 35 | 34S38W35 | 34S-38W SECTION 35: NE/4 | STEVENS | 2 |
| 84226000 | LEASE - OIL AND GAS | HORACE WHEELER ET UX | VICTOR H. MARTIN | 11/15/1927 | u | 641 | 34S | 38W | 35 | 34S38W35 | 345-38W SECTION 15: SW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | CARL J. AEILTS | ORVILLE H. PARKER | 11/30/1940 | 10 | 367 | 34S | 38W | 4 | 34S38W4 | 34S-38W SECTION A: NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | CLARENCE GREWELL ET UX | ORVILLE H. PARKER | 12/2/1940 | 10 | 377 | 34S | 38W | 4 | 34S38W4 | 345-38W SECTION 4: NW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | E. F. FUNKE ET UX | ORVILLE H. PARKER | 12/30/1940 | 10 | 381 | 34S | 38W | 4 | 34S38W4 | 345-38W SECTION 4: SW/4 | STEVENS | 2 |
| 30356000 | LEASE - OIL AND GAS | THE CONSERVATORSHIP OF CARL F. MATZEN ET AL | MOBIL OIL CORPORATION | 12/14/1989 | 136 | 543 | 34S | 39W | 10 | 34S39W10 | 345-39W SECTION 10: SE/4 | STEVENS | 2 |
| 28383002 | TERM MINERAL DEED | DONALD SIDWELL ET UX | MATAGORDA ISLAND EXPLORATION CORPORATION | 12/19/1986 | 121 | 414 | 34S | MGE | 11 | 34S39W11 | 345-39W SECTION 11: SW/4 | STEVENS | 2 |
| 28383001 | TERM MINERAL DEED | HOWARD SIDLESS ET UX | MATAGORDA ISLAND EXPLORATION CORPORATION | 12/19/1986 | 121 | 440 | 34S | MGE | 11 | 34S39W11 | 345-39W SECTION 11: SW/4 | STEVENS | 2 |
| 30354000 | LEASE - OIL AND GAS | JOHN W. JENNER ET UX | REPUBLIC NATURAL GAS COMPANY | 8/21/1943 | n | 301 | 34S | 39W | 11 | 34S39W11 | 345-39W SECTION 11: NE/4 | STEVENS | 2 |

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|--|-----------------|-----|------|----------|-------|---------|-------------|--|---------|----------|
| MARTELL SIDWELL ET AL EXPLORATION CORPORATION | 12/19/1986 121 | 121 | 466 | 34S | MGE | 11 | 34S39W11 | SECTION 11: SW/4 | STEVENS | 2 |
| SAM YOUNG ET UX | 7/19/1935 7 | 2 | 377 | 34S | 39W | 11 | 34S39W11 | 34S-39W SECTION 11: SW/4 | STEVENS | 2 |
| THE ARGUS PRODUCTION THE ARGUS PRODUCTION COMPANY | 1/17/1930 3 | e | 398 | 34S | MGE | 11 | 34S39W11 | 34S-39W SECTION 11: SE/4 | STEVENS | 2 |
| HOWARD OSMAN | 4/10/1943 12 | 12 | 40 | 34S | 39W | 13 | 34S39W13 | 34S-39W SECTION 13: N/2 | STEVENS | 2 |
| MOLUE A ESKRIDGE A. C. MOORHEAD | 1/10/1943 12 | 12 | 48 | 34S | MGE | 14 | 34S39W14 | 34S-39W SECTION 14: NW/4 | STEVENS | 2 |
| R. L. SMITH ET AL HOWARD KUHN | 9/6/1943 12 | 12 | 315 | 34S | MGE | 14 | 34S39W14 | 34S-39W SECTION 14: SW/4 | STEVENS | 2 |
| SAM YOUNG ET UX | 7/19/1935 7 | 7 | 376 | 34S | MGE | 14 | 34S39W14 | 34S-39W SECTION 14: NE/4 | STEVENS | 2 |
| ARTHUR FRIEDMAN ET UX PANHANDLE EASTERN PIPE LINE COMPANY | 10/11/1947 23 | 23 | 59 | 34S | MGE | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4 | STEVENS | 2 |
| BELLA B. BROIDO ET AL D. D. D. HARRINGTON | 3/5/1946 14 | 14 | 131 | 34S | 39W | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4 | STEVENS | 2 |
| DAVID FRIEDMAN ET IX COMPANY COMPANY | 10/11/1947 23 | 23 | 57 | 34S | MGE | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4 | STEVENS | 2 |
| J. S. BROLLER ET UX D. D. HARRINGTON | 5/4/1946 14 | 14 | 243 | 34S | MGE | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4 | STEVENS | 2 |
| MAGNOLIA PET CO | 2/12/1945 | EI | 385 | 34S | MGE | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4,NE/4 SW/4, SE/4, SW/4 NW/4, W/2 SW/4 | STEVENS | 2 |
| MAYOLA WILLIAMSON ET VIR | 8/2/1943 12 | 12 | 135 | 34S | MGE | 15 | 34S39W15 | 34S-39VV SECTION 15: SE/4 NW/4, N/2 NW/4 | STEVENS | 2 |
| R. L. SMITH ET AL THE ARGUS PRODUCTION COMPANY | 5/14/1930 3 | m | 432 | 34S | MGE | 15 | 34S39W15 | 34S-39W SECTION 15: NE/4 | STEVENS | 2 |
| ROSE L FRIEDMAN CORPORATION | 12/1/1986 121 | 121 | 60 | 34S | 39W | 15 | 34S39W15 | 34S-39W SECTION 15: SE/4 SW/4 | STEVENS | и |
| VIOLA MYRTLE SWEET MAGNOLIA PETROLEUM COMPANY | 4/3/1937 | 7 | 398 | 34S | 39W | 15 | 34S39W15 | 34S-39W SECTION 15: NE/4 SW/4, SE/4, SW/4 NW/4, W/2 SW/4 | STEVENS | 2 |
| YVONNE POELWUK CORPORATION | 4/1/1988 234 | 234 | 432 | 34S | 39W | 15 | 34S39W15 | 34S-39W SECTION 15: N/2 NW/4, SE/4 NW/4 | STEVENS | 2 |
| BLANCHE M. PFEIFER ET AL BENEDUM-TREES OIL COMPANY | 8/18/1941 10 | 10 | 468 | 34S | MGE | 23 | 34S39W23 | 34S-39W SECTION 23: SW/4 | STEVENS | 2, 23 |
| JOHN MCATEE BENEDUM-TREES OIL COMPANY | 8/18/1941 10 | 10 | 470 | 34S | MGE | 23 | 34S39W23 | 34S-39W SECTION 23: SE/4 | STEVENS | 2, 23 |
| R. L. SMITH ET AL HOWARD KUHN | 9/6/1943 12 | 12 | 315 | 34S | MGE | 23 | 34S39W23 | 34S-39W SECTION 23: NW/4 | STEVENS | 2, 23 |
| R. L. SMITH BENEDUM-TREES OIL COMPANY | IY 8/18/1941 10 | 10 | 473 | 34S | 39W | 24 | 34S39W24 | 34S-39W SECTION 24: SW/4 | STEVENS | 2 |
| SANTA FE LAND IMP CO. BENEDUM-TREES OIL COMPANY | Y 11/17/1941 10 | 10 | 272 | 34S | MGE | 24 | 34S39W24 | 34S-39W SECTION 24: SE/4 | STEVENS | 2 |
| BLANCHE M. PFEIFER ET AL BENEDUM-TREES OIL COMPANY | 8/18/1941 10 | 10 | 469 | 34S | MGE | 26 | 34S39W26 | 34S-39W SECTION 26: NW/4 | STEVENS | 2 |
| MAGNOLIA PETROLEUM COMPANY D. D. D. HARRINGTON | 2/12/1945 13 | 13 | 345 | 34S | 39W | 26 | 34S39W26 | 34S-39W SECTION 26: NE/4 | STEVENS | И |
| ROY N. GERROND MAGNOLIA PETROLEUM COMPANY | 7/14/1937 8 | 8 | 484 | 34S | MGE | 26 | 34S39W26 | 34S-39W SECTION 26: NE/4 | STEVENS | 2 |
| NELLIE GANN ET AL | + | EI | 141 | 34S | MGE | 35 | 34S39W35 | 34S-39W SECTION 35: SE/4 | STEVENS | 2 |
| NELUE M. GANN A. C. MOORHEAD | 1/4/1945 13 | e | 139 | 34S | MGE | 35 | 34S39W35 | 34S-39W SECTION 35: NE/4 | STEVENS | 2 |
| THE TEXAS COMPANY D. D. HARRINGTON | | - | | | | | | | | |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|---------------------------|--|------------|------|------|----------|-------|---------|-------------|--|---------|----------|
| 84308000 | LEASE - OIL AND GAS | THE TEXAS COMPANY | D. D. HARRINGTON | 2/10/1945 | 13 | 553 | 34S | MGE | 35 | 34S39W35 | 34S-39W SECTION 35: SE/4 | STEVENS | 2 |
| 83394000 | LEASE - OIL AND GAS | USA KSNM 67937 | MATAGORDA ISLAND EXPLORATION CORPORATION | 6/24/1987 | 43 | 1 | 34S | 40W | 13 | 34S40W13 | 345-40W SECTION 13: NW/4 | MORTON | 2 |
| 83395000 | LEASE - OIL AND GAS | USA KSNM 67938 | MATAGORDA ISLAND EXPLLORATION CORPORATION | 5/8/1987 | 43 | 7 | 34S | 40W | 13 | 34S40W13 | 34S-40W SECTON 13: SW/4 | MORTON | 2 |
| 83195000 | LEASE - OIL AND GAS | CLARENCE A TURNER ET AL | C. S. MCCLUNG | 6/25/1951 | 15 | 465 | 34S | 41W | 18 | 34S41W18 | 34S-41W SECTION 18: SE/4 | MORTON | 7 |
| 83260000 | LEASE - OIL AND GAS | E. P. LEWIS ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 7/29/1954 | 18 | 357 | 34S | 41W | 18 | 34S41W18 | 345-41W SECTION 18: NE/4 | MORTON | ч |
| 83262000 | LEASE - OIL AND GAS | V. A. CANFIELD ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 6/2/1954 | 18 | 360 | 34S | 41W | 2 | 34S41W7 | 345-41W SECTION 7: SW/4 | MORTON | ı |
| 83333000 | LEASE - OIL AND GAS | USA KSNM 68742 | MATAGORDA ISLAND EXPLLORATION CORPORATION | 8/19/1987 | 43 | 170 | 34S | 43W | 20 | 34S43W20 | 345-43W SECTION 20: N/2 S/2, NE/4 NE/4, S/2 NE/4, SE/4 NW/4, SW/4 SW/4 | MORTON | н |
| 83334000 | LEASE - OIL AND GAS | USA KSNM 68743 | MATAGORDA ISLAND EXPLLORATION CORPORATION | 7/2/1987 | 43 | 178 | 34S | 43W | 20 | 34S43W20 | 34S-43W SECTION 20: SE/4 SW/4 | MORTON | ħ |
| 300123000 | LEASE - OIL AND GAS | JESSIE SCOTT WIKER ET VIR | | 11/29/1951 | 16 | 275 | 34S | 43W | 32 | 34S43W32 | 345-43W SECTION 32: NW/4, SW/4, W/2 SE/4, AND NE/4 | MORTON | ı |
| 83764000 | LEASE - OIL AND GAS | ALAN S. GRAHAM ET UX | J. FRED HAMBRIGHT INC. | 10/17/1996 | 476 | 1078 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83774000 | LEASE - OIL AND GAS | BETTY L. MITCHELL ET VIR | J. FRED HAMBRIGHT INC. | 8/25/1996 | 478 | 696 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | и |
| 83768000 | LEASE - OIL AND GAS | BONITA HAYES | J. FRED HAMBRIGHT | 11/7/1997 | 487 | 980 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83762000 | LEASE - OIL AND GAS | DEAN E. GLEASON LIV TRUST | J. FRED HAMBRIGHT INC. | 8/20/1996 | 475 | 658 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83771000 | LEASE - OIL AND GAS | ELMA C. BRANDES | J. FRED HAMBRIGHT INC. | 8/25/1996 | 478 | 704 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2 |
| 86766000 | LEASE - OIL AND GAS | HAROLD E. BOX ET UX | J. FRED HAMBRIGHT | 8/13/1997 | 485 | 944 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83773000 | LEASE - OIL AND GAS | HELEN GUTTRIDGE | J. FRED HAMBRIGHT INC. | 8/25/1996 | 478 | 698 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2 |
| 83765000 | LEASE - OIL AND GAS | LEASA TITUS ET VIR | J. FRED HAMBRIGHT INC. | 10/17/1996 | 477 | 520 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83761000 | LEASE - OIL AND GAS | LOUIS K. IPSON ET UX | J. FRED HAMBRIGHT INC. | 8/20/1996 | 475 | 317 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83770000 | LEASE - OIL AND GAS | MARLIN BROWN ET UX | J. FRED HAMBRIGHT INC. | 8/24/1996 | 478 | 700 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2 |
| 83769000 | LEASE - OIL AND GAS | MELODY FRY ET VIR | J. FRED HAMBRIGHT | 11/17/1997 | 489 | 582 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83767000 | LEASE - OIL AND GAS | MILDRED IRENE OMAN | J. FRED HAMBRIGHT INC. | 8/31/1996 | 476 | 926 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 83772000 | LEASE - OIL AND GAS | URIEL W. BROWN ET UX | J. FRED HAMBRIGHT INC. | 8/25/1996 | 478 | 702 | 355 | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2 |
| 83763000 | LEASE - OIL AND GAS | WRIGHT FAMIILY TRUST | J. FRED HAMBRIGHT INC. | 10/11/1996 | 476 | 1076 | 35S | 32W | 9 | 35S32W6 | 35S-32W SECTION 6: SE/4 | SEWARD | 2 |
| 62266000 | LEASE - OIL AND GAS | HENRY V. TUCCKER ET UX | F. W. KAMPF | 11/21/1944 | 69 | 623 | 355 | MEE | 9 | 35533W6 | 35S-33W SECTION 6: THE SOUTH 120 ACRES OF THE SW/4 | SEWARD | 2 |
| 30156000 | LEASE - OIL AND GAS | רסח אסררבא | PANHANDLE EASTERN PIPELINE CO. | B/30/1944 | 69 | 125 | 35S | MEE | 7 | 35S33W7 | 355-33W SECTION 7: SE/4 | SEWARD | 2 |
| N/A | LEASE - OIL AND GAS | CAROL SLAYMAKER | ANADARKO PRODUCTION COMPANY | 3/2/1982 | 335 | 57 | 35S | 34W | 1 | 35S34W1 | 35S-34W SECTION 1: SW/4 NE/4 | SEWARD | 2 |
| N/A | LEASE - OIL AND GAS | GORDON M. SLAYMAKER | ANADARKO PRODUCTION COMPANY | 3/2/1982 | 335 | 19 | 35S | 34W | 1 | 35S34W1 | 35S-34W SECTION 1: SW/4 NE/4 | SEWARD | 2 |
| N/A | LEASE - OIL AND GAS | HENRY V. TUCKER JR. ET UX | ANADARKO PRODUCTION COMPANY | 2/17/1982 | 332 | 579 | 35S | 34W | 1 | 35S34W1 | 355-34W SECTION 1: S/2 NE/4 SE/4 | SEWARD | 2 |

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| Footnote | 2 | 2 | 2 | и | 2 | 2 | 2 | 7 | 2 | 2 | 2 | и | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | и | 2 | 2 |
|-------------------|---|--------------------------------|--------------------------------|---------------------------------|------------------------------------|-----------------------------|---------------------------------|--------------------------------|-----------------------------|--------------------------------|--------------------------------|---|---|--------------------------------|--------------------------------|--------------------------------|---|--------------------------------|--|--|--|--|--------------------------------|--|
| County | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD | SEWARD |
| Legal Description | 355-34W SECTION 1: SE/4 SE/4, W/2 SE/4 | 35S-34W SECTION 1: SW/4 | 35S-34W SECTION 1: S/2 NW/4 | 35S-34W SECTION 1: SW/4 NE/4 | 35S-34W SECTION 10: SW/4 | 35S-34W SECTION 10: NE/4 | 355-34W SECTION 11: N/2 NE/4 | 35S-34W SECTION 11: SE/4 | 35S-34W SECTION 11: NW/4 | 35S-34W SECTION 12: NW/4 | 35S-34W SECTION 12: NE/4 | 35S-34W SECTION 13: A 2.19 ACRE TRACT IN THE NORTHWEST QUARTER THAT WAS EXCLEDED FROM AN OLL AND GAS LEASE DATED JUNE 20, 1378 BETWEEN THE LESSOR AND THE LESSEE AND RECORDED IN BOOK 303. PAGE 37-39. | 35S-34W SECTION 13: LOTS 1, 2, N/2 S/2 | 35S-34W SECTION 13: NW/4 | 35S-34W SECTION 13: NE/4 | 355-34W SECTION 13: NW/4 | 35S-34W SECTION 13: LOTS 1, 2, N/2 S/2 | 35S-34W SECTION 13: NE/4 | 35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | 355-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | 355-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | 35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NV/4 SW/4, N/2 SE/4 | 35S-34W SECTION 14: NE/4 | 35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 |
| Concatenate | 35S34W1 | 35S34W1 | 35S34W1 | 35S34W1 | 35S34W10 | 35S34W10 | 35S34W11 | 35S34W11 | 35S34W11 | 35S34W12 | 35S34W12 | 35S34W13 | 35S34W13 | 35S34W13 | 35S34W13 | 35S34W13 | 35S34W13 | 35S34W13 | 35S34W14 | 35S34W14 | 35S34W14 | 35S34W14 | 35S34W14 | 35S34W14 |
| Section | ч | Ţ | Ţ | - | 10 | 10 | п | 11 | 11 | 12 | 12 | 13 | E | 13 | E | E | e | 13 | 14 | 14 | 14 | 14 | 14 | 14 |
| Range | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W | 34W |
| Township | 35S | 35S | 35S | 35S | 35S | 35S | 35S | 35S | 35S | 35S | 35S | 355 | 35S | 35S | 35S | 35S | 355 | 35S | 35S | 355 | 355 | 35S | 35S | 355 |
| Page | 365 | 358 | 362 | 59 | 396 | 485 | 360 | 962 | 485 | 60 | 8 | 564 | 640 | 628 | 634 | 642 | 610 | 525 | 904 | 622 | 616 | 639 | 128 | 486 |
| Book | 333 | 180 | 180 | 335 | 47 | u. | 180 | 304 | Ч | 331 | 331 | 332 | 355 | 355 | 355 | 356 | 355 | 355 | 497 | 355 | 355 | 356 | 303 | 500 |
| Date | 2/17/1982 | 10/30/1959 | 10/30/1959 | 3/2/1982 | 2/22/1943 | 2/19/1918 | 10/30/1959 | 8/14/1978 | 2/19/1918 | 10/14/1981 | 10/14/1981 | 5/5/1982 | 8/22/1984 | 8/22/1984 | 8/22/1984 | 1/27/1984 | 8/22/1984 | 10/10/1984 | 12/12/1997 | 8/22/1984 | 8/22/1984 | 11/27/1984 | 6/26/1978 | 12/12/1997 |
| Original Lessee | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | QUINQUE OIL & GAS PRODUCING CO. | THE TRADERS OIL CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | THE TRADERS OIL CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PETROLEUM COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY |
| Original Lessor | HENRY V. TUCKER JR. ET UX | JOHN S. GROVER ET UX | RITA HAYES | SUSAN D. STECK ET VIR | HATTIE E. MORRELL ET AL | JOHN L. BOLES ET UX | ESTHER L. HILL | IVAN D. HEADRICK ET UX | JOHN L BOLES ET UX | JOSEPHINE LIGHT ET VIR ET AL | JOSEPHINE LIGHT ET VIR ET AL | EMMA FULLER | EMMA FULLER ESTATE | EMMA FULLER ESTATE | EMMA FULLER ESTATE | FEDERAL LAND BANK OF WICHITA | HARRIET E. APSLEY ESTATE | HENRY L NICHOLS ET AL | CAROL ANN PLUMMER ET VIR | EMMA FULLER ESTATE | EMMA FULLER ESTATE | FEDERAL LAND BANK OF WICHITA | JAMES PAUL MCHARGUE ET UX | JOYCE NADINE DISHON ET VIR |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 83732000 | 83648000 | 83645000 | N/A | 83604000 | 30198000 | 83647000 | 83729000 | 30198000 | 83730000 | 83731000 | 30230000 | 30235001 | 30239001 | 30235001 | 30239002 | 30237002 | 30235002 | N/A | N/A | N/A | N/A | 83728000 | N/A |

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| KATHERINE L KELMAN REVOC TRUST A SYLVIA LAVINIA HELFRECHT A Y. MARIAN FULLER LIVING TRUST A ERNEST P. BOLES ET UX QUIN HATTRE E. MORRELL ET AL QUIN JOHN L BOLES ET UX THE' JOHN L BOLES ET UX THE' JOHN L BOLES ET UX THE' | ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION COMPANY QUINQUE OIL & GAS PRODUCING CO. | 12/12/1997 | 499 | 90 | | 10000 | | | | | |
|--|--|------------|-----|-----|-----|-------|----|----------|--|---------|---|
| | NIVADARKO PRODUCTION COMPANY NIVADARKO PRODUCTION COMPANY QUE OIL & GAS PRODUCING CO. | | | 5 | 355 | 34W | 14 | 35S34W14 | 355-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2 |
| | NADARKO PRODUCTION COMPANY VQUE OIL & GAS PRODUCING CO. VQUE OIL & GAS PRODUCING | 12/12/1997 | 497 | 572 | 355 | 34W | 14 | 35S34W14 | 35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2 |
| | NQUE OIL & GAS PRODUCING CO. NQUE OIL & GAS PRODUCING CO. | 12/12/1997 | 497 | 363 | 355 | 34W | 14 | 35S34W14 | 355-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NV/4 SW/4, N/2 SE/4 | SEWARD | 2 |
| | VQUE OIL & GAS PRODUCING CO. | 1/8/1943 | 47 | 387 | 355 | 34W | 15 | 35S34W15 | 355-34W SECTION 15: LOTS 1, 2, N/2 SE/4, N/2 SW/4, NE/4 | SEWARD | 2 |
| | | 2/22/1943 | 47 | 396 | 355 | 34W | 15 | 35S34W15 | 35S-34W SECTION 15: NW/4 | SEWARD | 2 |
| | ANADARKO PRODUCTION COMPANY | 9/7/1982 | 337 | 26 | 35S | 34W | 17 | 35S34W17 | 355-34W SECTION 17: NE/4, N/2 SE/4 | SEWARD | 2 |
| | ANADARKO PRODUCTION CORP | 8/22/1984 | 364 | 622 | 355 | 34W | 17 | 35S34W17 | 35S-34W SECTION 17: NE/4 | SEWARD | 2 |
| | THE TRADERS OIL CORPORATION | 2/19/1918 | L | 485 | 355 | 34W | 2 | 35S34W2 | 35S-34W SECTION 2: W/2 | SEWARD | 2 |
| | ANADARKO PRODUCTION COMPANY | 10/30/1959 | 180 | 358 | 355 | 34W | 2 | 35S34W2 | 355-34W SECTION 2: SE/4 | SEWARD | 2 |
| | ANADARKO PRODUCTION COMPANY | 10/30/1959 | 180 | 364 | 35S | 34W | 2 | 35S34W2 | 355-34W SECTION 2: NE/4 | SEWARD | 2 |
| | THE TRADERS OIL CORPORATION | 2/19/1918 | u. | 485 | 35S | 34W | в | 35S34W3 | 35S-34W SECTION 3: ALL | SEWARD | 2 |
| | E. W. MOORE | 2/23/1928 | 34 | 114 | 35S | 34W | 4 | 35S34W4 | 35S-34W SECTION 4: NE/4 | SEWARD | 2 |
| | THE TRADERS OIL CORPORATION | 2/19/1918 | u | 485 | 35S | 34W | 4 | 35S34W4 | 35S-34W SECTION 4: SE/4 | SEWARD | 2 |
| | QUINQUE OIL & GAS PRODUCING CO. | 1/9/1943 | 47 | 388 | 355 | 34W | 4 | 35S34W4 | 35S-34W SECTION 4: SW/4 | SEWARD | 2 |
| VICTOR H. TEGARDEN ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 12/1/1950 | 106 | 14E | 35S | 34W | 4 | 35S34W4 | 35S-34W SECTION 4: NW/4 | SEWARD | 7 |
| OLA M. VICKERS | THE VICKERS PETROLEUM CO. | 11/2/1950 | 106 | 35 | 35S | 34W | 6 | 35S34W9 | 35S-34W SECTION 9: W/2 | SEWARD | 2 |
| MAGNOLIA PETROLEUM COMPANY | D. D. HARRINGTON | 2/12/1945 | 13 | 357 | 355 | 38W | 14 | 35S38W14 | 35S-38W SECTION 14: SE/4 | STEVENS | 2 |
| WILLIAM M. FARRAR ET UX | MAGNOLIA PETROLEUM COMPANY | 3/9/1937 | 2 | 406 | 35S | 38W | 14 | 35S38W14 | 35S-38W SECTION 14: SE/4 | STEVENS | 2 |
| DON P. EBY ET UX | PIONEER PETROLEUM COMPANY | 9/1/1932 | S | 387 | 35S | MBE | 16 | 35S38W16 | 355-38W SECTION 16: N/2, SE/4 | STEVENS | 2 |
| S. R. YOUNG ET AL | DONALD T. INGLING TRUSTEE | 1/22/1941 | 10 | 36E | 35S | 38W | 16 | 35S38W16 | 355-38W SECTION 16: SW/4 | STEVENS | 2 |
| A. C. MOORHEAD ET UX DO | DONALD T. INGLING TRUSTEE | 1/22/1941 | 61 | 393 | 355 | MBE | 17 | 35S38W17 | 35S-38W SECTION 17: NE/4 | STEVENS | 2 |
| FARM MORTGAGE CORP W056843 | REPUBLIC NATURAL GAS COMPANY | 12/31/1942 | Ħ | 437 | 35S | 38W | 17 | 35S38W17 | 35S-3BW SECTION 17: SW/4 | STEVENS | 2 |
| MESA OPERATING LIMITED | ANADARKO PETROLEUM CORPORATION | 6/24/1993 | 234 | 432 | 35S | 38W | 17 | 35S38W17 | 35S-38W SECTION 17: NW/4 | STEVENS | 2 |
| sco | DONALD T. INGLING TRUSTEE | 1/8/1941 | 10 | 166 | 35S | 38W | 17 | 35S38W17 | 35S-38W SECTION 17: NW/4 | STEVENS | 2 |
| S. R. YOUNG ET AL | DONALD T. INGLING TRUSTEE | 1/22/1941 | 01 | 395 | 35S | 38W | 17 | 35S38W17 | 35S-38W SECTION 17: NE/4, SE/4 | STEVENS | 2 |
| BILLY JOE BRECHEISEN TOU | TOUCHSTONE RESOURCES LTD | 4/17/1997 | 174 | 913 | 35S | 38W | 4 | 35S3BW4 | 355-38V/ SECTION 4: N/2 NE/4 | STEVENS | 2 |
| BRENDA JEAN FAGAN TOOLE TOU | TOUCHSTONE RESOURCES LTD | 4/18/1997 | 174 | 943 | 35S | 38W | 4 | 35S38W4 | 355-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|----------------------------------|---------|----------|
| N/A | LEASE - OIL AND GAS | CHARLES FRED HINCH ET UX | TOUCHSTONE RESOURCES LTD | 4/7/1997 | 174 | 934 | 355 | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | CHARLES P. BRECHEISEN ET UX | TOUCHSTONE RESOURCES LTD | 2/13/1997 | 174 | 931 | 355 | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |
| 30335000 | LEASE - OIL AND GAS | EMMA F. LANDER | JOE E. DENHAM | 3/23/1944 | 12 | 491 | 355 | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: NW/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | FRED HINCH ET UX | TOUCHSTONE RESOURCES LTD | 3/1997 | 174 | 925 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | GALEN A. BRECHEISEN ET AL | TOUCHSTONE RESOURCES LTD | 6/10/1997 | 174 | 919 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| NIA | LEASE - OIL AND GAS | GEORGE L HINCH ET UX | TOUCHSTONE RESOURCES LTD | 3/21/1997 | 174 | 928 | 355 | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | JAN DEE FAGAN LLOYD | TOUCHSTONE RESOURCES LTD | 2/18/1997 | 174 | 922 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | LEE O. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 8/14/2001 | 199 | 289 | 35S | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | MARION W. BRECHEISEN ET UX | TOUCHSTONE RESOURCES LTD | 4/17/1997 | 174 | 916 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | PEGGY H. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 4/15/1997 | 174 | 907 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | RANDON D. BRECHEISEN | TOUCHSTONE RESOURCES LTD | 5/7/1997 | 174 | 916 | 35S | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | RODNEY L BRECHEISEN | TOUCHSTONE RESOURCES LTD | 8/14/2001 | 199 | 792 | 355 | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | RONALD J. SCOTT ET UX | TOUCHSTONE RESOURCES LTD | 4/16/1997 | 174 | 916 | SSE | 38W | 4 | 35S38W4 | 35S-38VV SECTION 4: N/2 NE/4 | STEVENS | 2 |
| N/A | LEASE - OIL AND GAS | ROSEMARY FAGAN | TOUCHSTONE RESOURCES LTD | 3/24/1997 | 174 | 940 | 355 | 38W | 4 | 35S38W4 | 35S-38W SECTION 4: N/2 NE/4 | STEVENS | 2 |
| 30337000 | LEASE - OIL AND GAS | WESTERN ROYALTY AND DEVELOPMENT COMPANY | M. L. BENEDUM, J. C. TREES AND JOHN S. WELLER | 5/31/1933 | 9 | 613 | 35S | 38W | თ | 35S3BW9 | 35S-38W SECTION 9: SE/4 | STEVENS | 2 |
| 84183000 | LEASE - OIL AND GAS | ARGO OIL CORPORATION | JOE E. DENHAM | 3/25/1944 | 11 | 601 | 355 | MGE | 12 | 35S39W12 | 35S-39W SECTION 12: SW/4 | STEVENS | 2 |
| 84180000 | LEASE - OIL AND GAS | C. E. MCCARTY ET AL | JOE E. DENHAM | 7/23/1943 | 12 | 121 | 355 | 39W | 12 | 35S39W12 | 35S-39W SECTION 12: NW/4 | STEVENS | 2 |
| 77305000 | TERM MINERAL DEED | ELSIE L GRASSMUCK | ANADARKO PETROLEUM CORPORATION | 3/25/1986 | 117 | 622 | 35S | 39W | 12 | 35S39W12 | 35S-39W SECTION 12: SW/4 | STEVENS | 2 |
| 84181000 | LEASE - OIL AND GAS | LULU STANLEY COMLEY ET AL | JOE E. DENHAM | 3/25/1944 | 12 | 597 | 35S | 39W | 12 | 35S39W12 | 35S-39W SECTION 12: SW/4 | STEVENS | 2 |
| 77270000 | TERM MINERAL DEED | MARY ELIZABETH MYER ET AL | ANADARKO PETROLEUM CORPORATION | 2/1/1993 | 234 | 432 | 355 | 39W | 12 | 35S39W12 | 35S-39W SECTION 12: NW/4 | STEVENS | 2 |
| 84182000 | LEASE - OIL AND GAS | SALTMOUNT OIL COMPANY | JOE E. DENHAM | 3/25/1944 | ü | 599 | 355 | MGE | 12 | 35S39W12 | 35S-39W SECTION 12: SW/4 | STEVENS | 2 |
| 84197000 | LEASE - OIL AND GAS | H. C. GERBER ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 12/18/1947 | 23 | 83 | 355 | MGE | 14 | 35S39W14 | 35S-39VV SECTION 14: N/2 NE/4 | STEVENS | 2 |
| 85446000 | LEASE - OIL AND GAS | B G MANWARREN AND DENA MANWARREN HIS WIFE | CITIES SERVICE OIL COMP/ | 12/31/1942 | 240 | 10 | NE | 12ECM | 1 | 3N12ECM1 | 3N-12ECM Sec. 1: N/2; SW/4 | TEXAS | 28, 34 |
| 85290000 | LEASE - OIL AND GAS | ELAINE LEVAND AND MORTON J LEVAND HER HUSBAND | PANHANDLE EASTERN PIPE LINE COMPANY | 3/15/1951 | 257 | 306 | NE | 12ECM | 1 | 3N12ECM1 | 3N-12ECM Sec. 1: SE/4 | TEXAS | 28, 34 |
| 85287000 | LEASE - OIL AND GAS | GEORGE C HITCH AND WILLIE HITCH HIS PANHANDLE EASTERN PIPE WIFE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | 8/21/1945 | 251 | 456 | Nm | 12ECM | T | 3N12ECM1 | 3N-12ECM Sec. 1: SE/4 | TEXAS | 28, 34 |
| 85289000 | LEASE - OIL AND GAS | MARGARET STEPHENS A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 3/14/1951 | 257 | 307 | NE | 12ECM | 1 | 3N12ECM1 | 3N-12ECM See. 1: SE/4 | TEXAS | 28, 34 |
| 85480000 | LEASE - OIL AND GAS | TRUSTEES OF UNITY CHURCH OF RED POINT TOWNSHIP OF TEXAS COUNTY, OKLAHOMA | | 3/7/1951 | 257 | 305 | NE | 12ECM | 1 | 3N12ECM1 | 3N-12ECM Sec. 1: NE4 | TEXAS | 28, 34 |
| 85288000 | LEASE - OIL AND GAS | WILLIAM O (BILLY) STEPHENS A SINGLE PERSON | PANHANDLE EASTERN PIPE LINE COMPANY | 3/14/1951 | 257 | 308 | NE | 12ECM | 1 | 3N12ECM1 | 3N-12ECM Sec. 1: SE/4 | TEXAS | 28, 34 |

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|---------------------|--|--|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| | GAYDON M. BRUNDIDGE ET VIR | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1945 | 251 | 447 | Zm | 13ECM | 10 | 3N13ECM10 | 3N-13ECM SECTION 10: SW/4 LUNTED FROM THE SUFFACE TO THE BASE OF THAT CERTAIN COUNCLL GROVE (BADER) FORMATION AT A DEFTH OF 31.67 FEET, OR THE STRATIGRAPHIC EQUIVALENT THEREOF. AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK | TEXAS | |
| LEASE - OIL AND GAS | GROVER C. JONES ET UX | PANHANDLE EASTEAN PIPE LINE COMPANY | 10/8/1941 | 231 | 234 | Zm | 13ECM | 5 | 3N13ECM10 | 3N-13ECM SECTION 10: NW/4 LIMITED FROM THE SUPFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 31.67 FEET, OR THE STRATGAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STRATHEND 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK | TEXAS | |
| | STONEBRAKER RANCH | CITIES SERVICE GAS COMPANY | 5/15/1936 | 198 | 551 | Ze | 13ECM | ę | 3N13ECM10 | 3N-13ECM SECTION 10: E7 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORGATION AT A DEPTH OF 31.45 FEET, OR THE STRATGARATIC EQUIVALENT THERED: AS FOUND IN THE STEPHEND JO #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 | TEXAS | |
| LEASE - OIL AND GAS | CHARLES U REUST AND FLORA E REUST HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 5/17/1933 | 189 | 393 | ЗN | 14ECM | 'n | 3N14ECM5 | 3N-14ECM Soc. 5: SE/4 | TEXAS | 28, 36 |
| LEASE - OIL AND GAS | H W LONG AND E D LONG HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/13/1933 | 180 | 349 | NE | 14ECM | 5 | 3N14ECM5 | 3N-14ECM Sec 5: NW/4 | TEXAS | 28, 36 |
| LEASE - OIL AND GAS | HENRY J BEHNE A SINGLE MAN | T B ROACH | 4/22/1942 | 232 | 107 | M | 14ECM | S | 3N14ECM5 | 3N-14ECM Soc. 5: NE/4 | TEXAS | 28, 33 |
| LEASE - OIL AND GAS | IDA CLAWSON A SINGLE WOMAN | J W MCCOLL | 9/19/1940 | 219 | 388 | NE | 14ECM | ß | 3N14ECM5 | 3N-14ECM Sec. 5: SW/4 | TEXAS | 28, 36 |
| LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OCS-1738 | PANHANDLE EASTERN PIPE LINE COMPANY | 5/14/1951 | 269 | 441 | NE | 14ECM | 9 | 3N14ECM6 | 3N-14ECM Sec 6: SE/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE OUNIV-63 | FRANK A GRIFFIN JR | 5/14/1951 | N/A | N/A | NE | 14ECM | ω | 3N14ECM6 | 3N-14ECM Sec. 6: SE/4 SW/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | GEO L AYCOCK AND MAXIE P AYCOCK HIS WIFE | PANHANDLE EASTERN PIPE COMPANY | 9/4/1947 | 257 | 160 | NE | 14ECM | 9 | 3N14ECM6 | 3N-14ECM Sec. 6: SE/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | JAMES E COPP AND BEULAH F COPP HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 1/13/1945 | 251 | 301 | NE | 14ECM | 9 | 3N14ECM6 | 3N-14ECM Sec. 6: N/2 SW/4: N/2: SW/4 SW/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | JACOB REWERTS A SINGLE MAN | R G KELLER AND I L ENNIS | 6/14/1922 | 114 | 535 | NE | 15ECM | 25 | 3N15ECM25 | 3N-15ECM Soc 25: NE/4; NW/4; SW/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | C J VOTH AND AGNES VOTH HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1948 | 257 | 184 | NE | 18ECM | 19 | 3N18ECM19 | 3N-18ECM Sec. 19: E/2 | TEXAS | 28 |
| LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO A&M- 803 | UNITED OIL CORPORATION | 4/27/1976 | 470 | 382 | NE | 21ECM | ч | 3N21ECM1 | 3N-21ECM Sec 1: Lot 3: SE/4 NW/4 | BEAVER | 3, 11 |
| LEASE - OIL AND GAS | JOEL E FOGLEMAN AND GUADALUPE FOGLEMAN HUSBAND AND WIFE | RONNIE LAWSON | 12/8/1975 | 440 | 325 | SN | 21ECM | 1 | 3N21ECM1 | 3N-21ECM Soc. 1: Lots 1 & 2: SW/4 NE/4 | BEAVER | 3, 11 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--------------------------------|-----------|------|------|----------|-------|---------|-------------|---|--------|----------|
| | LEASE - OIL AND GAS | L R FOGLEMAN AKA LONAM RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HUSBAND AND WIFE | RONNIE LAWSON | 12/8/1975 | 440 | 333 | Nm | 21ECM | н | 3N21ECM1 | 3N-21ECM Sec. 1: Lots 1 & 2; SW/4 NE/4 | BEAVER | 3, 11 |
| | LEASE - OIL AND GAS | LEON B MORRIS AND WINIFRED G MORRIS HIS WIFE | RONNIE LAWSON | 3/9/1976 | 442 | 381 | M | 21ECM | 1 | 3N21ECM1 | 3N-21ECM Sec 1: Lot 3: 5E/4 NW/4 | BEAVER | 3, 11 |
| 31903013 | LEASE - OIL AND GAS | B F FINLEY AND NETTIE ANN FINLEY HIS WIFE | FUNK EXPLORATION | 1/18/1983 | 608 | 81 | M | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUX4; SEV; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW14 | BEAVER | m |
| 31903009 | LEASE - OIL AND GAS | BARBARA ARNOLD COLTHARP AKA BARBARA JEAN ARNOLD COLTHARP AND HUSBAND FORREST COLTHARP | FUNK EXPLORATION | 1/11/1983 | 607 | 527 | N | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUVX; SEV; SW/4 Less and except a square one acre tract in the Northwest Conner of the NWVF | BEAVER | m |
| 31903016 | LEASE - OIL AND GAS | C W MANN DEALING IN HIS OWN AND SEPARATE PROPERTY | FUNK EXPLORATION INC | 2/1/1983 | 608 | 560 | Nm | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUX4; SEV; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW14 | BEAVER | m |
| 31903020 | LEASE - OIL AND GAS | CAROL JUNE BARNETT AND DAVID BARNETT HER HUSBAND | FUNK EXPLORATION INC | 2/22/1983 | 610 | 798 | Nm | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUX4; SEV4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW14 | BEAVER | m |
| 31903022 | LEASE - OIL AND GAS | CHRIS SAMUEL HOLZER A SINGLE PERSON | FUNK EXPLORATION INC | 2/22/1983 | 610 | 796 | Nm | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUK4; SEV4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW12 | BEAVER | m |
| 31903017 | LEASE - OIL AND GAS | CLIFFORD P HICKOK AND MARION LEE HICKOK HIS WIFE | FUNK EXPLORATION INC | 1/24/1983 | 609 | 565 | NE | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUK4; SEV4; SVV4 Less and except a square one acre tract in the Northwest Conner of the NW12 | BEAVER | m |
| 31903019 | LEASE - OIL AND GAS | EUZABETH FELL OVEN FORMERLY ELIZABETH FELL CUMMINS DEALING IN HER SOLE AND SEPARATE PROPERTY | FUNK EXPLORATION INC | 3/3/1983 | 611 | m | NE | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NE/4; NV/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW/4 | BEAVER | ĸ |
| 31903024 | LEASE - OIL AND GAS | FLORENCE J WASS A WIDOW | FUNK EXPLORATION INC | 3/1/1983 | 609 | 543 | Nm | 21ECM | 11 | 3N21ECM12 | 3N-21ECM Sec. 12: NUK4; SEV4; SWV4 Less and except a square one arce tract in the Northwest Conner of the NWV2 | BEAVER | m |
| 31903018 | LEASE - OIL AND GAS | FRANCIS FELL MALONE FORMERLY FRANCES FELL KILPATRICK | FUNK EXPLORATION INC | 1/26/1983 | 609 | 575 | NE | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NEX; NWX; SEX; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4 | BEAVER | m |
| 31903010 | LEASE - OIL AND GAS | JOE EXTON AND WIFE NANCY J EXTON | FUNK EXPLORATION | 1/11/1983 | 607 | 517 | NE | 21ECM | 12 | 3N21ECM12 | an-21ECM Sec. 12: NEK; NWK; SEK; SW/4 Less and except a square one acre tract in the Northwest Corner of the NWK | BEAVER | m |
| 31903033 | LEASE - OIL AND GAS | JULIA E GILKEY, AKA JULIA WILSON RICHEY GILKEY, DEALING IN HER SOLE AND SEPARATE PROPERTY | FUNK EXPLORATION | 1/11/1983 | 606 | 628 | NE | ZIECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NUV4; SEV4; SWV4 Less and except a square one acre tract in the Northwest Conner of the NWV4 | BEAVER | m |
| 31903001 | LEASE - OIL AND GAS | LEON B MORRIS AND WINIFRED MORRIS HIS WIFE | ANADARKO PRODUCTION COMPANY | 1/28/1982 | 575 | 103 | ЗN | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: SW/4 | BEAVER | m |
| 31903002 | LEASE - OIL AND GAS | LEON B MORRIS AND WINIFRED MORRIS HIS WIFE | ANADARKO PRODUCTION COMPANY | 1/28/1982 | 575 | 109 | SN | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec 12: SE/4 | BEAVER | m |
| 31903003 | LEASE - OIL AND GAS | LEON B MORRIS AND WINIFRED MORRIS HIS WIFE | ANADARKO PRODUCTION COMPANY | 1/28/1982 | 575 | 112 | ЗN | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NE/4 | BEAVER | m |
| 31903004 | LEASE - OIL AND GAS | LEON B MORRIS AND WINIFRED MORRIS HIS WIFE | ANADARKO PRODUCTION COMPANY | 1/28/1982 | 575 | 106 | NE | 21ECM | 12 | 3N21ECM12 | 3N-21ECM Sec. 12: NW/4; one acre in the NW/4 NW/4 NW/4 | BEAVER | ε |

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| | | | er of the NW/4 | | | | | | | | | | | | |
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| Original Lessor |
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| VENETA BERRY ARRINGTON & LUKE L NIGLIAZZO JA CO-TRUSTEES OF THE VENETA BERRY ARRINGTON REVOCABLE TRUST |
| WANDA IUNE MARTIN AND GARY MARTIN HER HUSBAND MARTIN HER HUSBAND |
| WILLIAM D ARNOLD AND WIFE MARY FUNK EXPLORATION 1/1/1/1983 |
| JAN RADER, STANLEY C KARBER & DANA T S DUDLEY LAND COMPANY INC 3/1/2001 R WALKER |
| JOY L BOBBITT T S DUDLEY LAND COMPANY INC 3/1/2001 |
| JUDITH MORRIS DEPEW ET VIR T S DUDLEY LAND COMPANY INC 5/1/2001 |
| MARY E BOBBITT. JOYCE L TAYLOR AND JEFFERY LYNN BOBBITT SOLE HEIRS OF T S DUDLEY LAND COMPANY INC SALPH M BOBBITT DECEASED |
| ALLISON ETTA EGAN A SINGLE WOMAN ANADARKO PRODUCTION 6/10/1982 |
| CANNON B MCMAHAN A MARRIED MAN DEALING IN HIS DOLE AND SEPARATE COMPANY PROPERTY 1201392 |
| D ROBERT M |
| E F MORAN INC ANADARKO PRODUCTION 4/28/1982 COMPANY |
| G T NORRIS AND GWENDOLYN F MORRIS ANADARKO PRODUCTION 12/21/1981 HIS WIFE COMPANY 12/21/1981 |
| |
| GENE R GROVE AND LILLIE P GROVE HIS ANADARKO PRODUCTION 8/28/1981 WIFE COMPANY |
| GEORGIA GAMELSON ANADARKO PRODUCTION 10/8/1981 COMPANY |
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| SIF |
| KEITH SULLIVAN AND ELZALENE ANADARKO PRODUCTION 12/22/1981 SULLIVAN HIS WIFE COMPANY 12/22/1981 |
| LORANE HURLEY GREGORY G NIXON 2/7/1985 |
| ROBERTA W BAILEY A WIDOW ANADARKO PRODUCTION COMPANY |
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| Footnote | m | ю | m | e | m | m | m | e | m | m | m | en . | e | e | ю | m | ю | ю | ю | e | E | 28, 35 | 28,35 | 28, 35 |
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| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | TEXAS | TEXAS | TEXAS |
| Legal Description | 3N-22ECM Sec. 4: NE/4 | 3N-22ECM Sec. 4: NE/4 | 3N-22ECM Sec.4: NW/4: S/2 | 3N-22ECM Sec. 4: NE/4 | 3N-22ECM Sec. 4: NE/4 | 3N-22ECŃ Sec. 4: NW/4: S/2 | 3N-22ECM Sec. 4: NE/4 | 3N-22ECM Sec. 4: NVV/4; S/2 | 3N-22ECM Sec. 9: SE/4 | 3N-22ECM Sec. 9: SE/4 | 3N-22ECM Sec. 9: NW/4 | 3N-22ECM Sec. 9: SW/4 | 3N-22ECM Sec. 9: NE/4 | 3N-22ECM Sec. 9: SE/4 | 3N-22ECM Sec. 9: SE/4 | 3N-22ECM Sec. 9: NE/4 | 3N-22ECM Sec. 9: SW/4; NW/4 | 3N-22ECM Sec. 9: SE/4 | 3N-22ECM Soc. 9: NE/4: NW/4: SW/4 | 3N-22ECM Sec. 9: NW/4; SW/4 | 3N-22ECM Sec. 9: NE/4 | 4N-12ECM Sec. 13: SW/4 | 4N-12ECM Sec. 13: SW/4 | 4N-12ECM Sec 13: NW/4 |
| Concatenate | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM4 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 3N22ECM9 | 4N12ECM13 | 4N12ECM13 | 4N12ECM13 |
| Section | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | EI | 13 | 13 |
| Range | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 12ECM | 12ECM | 12ECM |
| Township | ЗN | NE | Zm | N | ЗN | Zm | Nm | Nm | M | NE | NE | Zm | NE | NE | N | NE | NE | NE | N | NE | NE | 4N | 4N | 4N |
| Page | 171 | 415 | 179 | 670 | 175 | 295 | 411 | 413 | 342 | 207 | 468 | 472 | 66 | 209 | 299 | 36 | 260 | 277 | 556 | 263 | 42 | 88 | 311 | 337 |
| Book | 987 | 987 | 987 | 987 | 987 | 886 | 987 | 987 | 458 | 461 | 462 | 462 | 414 | 461 | 458 | 414 | 416 | 458 | 415 | 415 | 414 | 252 | 257 | 251 |
| Date | 3/27/1997 | 2/27/1997 | 4/3/1997 | 4/2/1997 | 3/27/1997 | 4/18/1997 | 3/27/1997 | 4/18/1997 | 10/26/1976 | 10/12/1976 | 3/26/1974 | 3/26/1974 | 4/13/1974 | 10/26/1976 | 10/26/1976 | 4/19/1974 | 9/17/1974 | 10/26/1976 | 8/19/1974 | 9/17/1974 | 4/13/1974 | 12/28/1945 | 3/20/1951 | 12/14/1944 |
| Original Lessee | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | MICHAEL D LEONHART | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | RALPH P CLARK JR | RALPH P CLARK JR | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | PAN EASTERN EXPLORATION COMPANY | CITIES SERVICE GAS COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY |
| Original Lessor | JUANITA THELMA SLAYTON | LAYMON H JONES JR AND DIANE JONES HIS WIFE | MILDRED W LEWIS TRUSTEE UNDER AGREEMENT DATED FEBRUARY 15, 1979 WITH MILDRED W LEWIS AS TRUSTOR | NORA BELL JONES A WIDOW | OPAL SCONCE JONES A WIDOW | RUTH C WILLIANS & ORIN PAUL WILLIAMS, SUCCESSOR CO-TRUSTEES FIGO THE WYATT H& RUTH C WILLIANS FIRENOCABLE TRUST B #1515 U/A DATED JUNE 15, 1978 | UNA M HAMILTON AND ROBERT HAMILTON HER HUSBAND | WALTER J WILLIAMS | ANN BOWLING & TOM BOWLING HER HUSBAND | BILLIE JEAN ROSS & WARREN C ROSS HER HUSBAND | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12984 | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12985 | HUGH B WILLIAMS | KAYE SIPES & BOB SIPES HER HUSBAND | MARK MYERS A SINGLE PERSON | MILDRED W LEWIS AND B N LEWIS HER HUSBAND | MILDRED W LEWIS AND B N LEWIS HER HUSBAND | NEILL MYERS & BARBARA MYERS HIS WIFE | WALTER J WILLIAMS AND MILDRED E WILLIAMS HIS WIFE | WYATT H WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE | WYATT M WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE | ALICE C STAMPER AND FAY M STAMPER HER HUSBAND | ANITA FERGUSON AS GUARDIAN OF THE PERSON AND ESTATE OF JERRY BANKS A MINOR | C A BRANAMAN AND L GRACE BRANAMAN HIS WIFE |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 32137002 | 32137007 | 32145001 | 32137008 | 32137005 | 32145004 | 32137006 | 32145002 | 32095004 | 32095001 | 32087005 | 32087008 | 32087002 | 32095002 | 32095005 | 32087001 | 32087006 | 32095003 | 32087004 | 32087007 | 32087003 | 85417000 | 85422000 | 85259000 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|----------------------------|--------|----------|
| 85419000 | LEASE - OIL AND GAS | CARRIE BARTON AND GREGG BARTON HER HUSBAND | CITIES SERVICE GAS COMPANY | 1/14/1946 | 252 | 86 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SVV/4 | TEXAS | 28, 35 |
| 85390000 | LEASE - OIL AND GAS | FRANK F HALEY AND KATE M HALEY HIS WIFE | CITIES SERVICE OIL COMPANY | 12/16/1942 | 233 | 232 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec 13: SE/4 | TEXAS | 28, 35 |
| 85415000 | LEASE - OIL AND GAS | INA BANKS A WIDOW AND RUTH FRARY A SINGLE WOMAN | CITIES SERVICE GAS COMPANY | 10/29/1945 | 252 | 74 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SW/4 | TEXAS | 28, 35 |
| 85416000 | LEASE - OIL AND GAS | JOHN E LUTTRELL AND MARY DOROTHY LUTTRELL HUSBAND AND WIFE | CITIES SERVICE GAS COMPANY | 12/20/1945 | 255 | 624 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SW/4 | TEXAS | 28, 35 |
| 85418000 | LEASE - OIL AND GAS | MARIE FRARY- SINGLE | CITIES SERVICE GAS COMPANY | 1/8/1946 | 252 | 71 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SVV/4 | TEXAS | 28, 35 |
| 85420000 | LEASE - OIL AND GAS | RAYMOND BANKS WIDOWER; ANITA BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL | CITIES SERVICE GAS COMPANY | 10/29/1945 | 260 | 229 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SW/4 | TEXAS | 28, 35 |
| 85421000 | LEASE - OIL AND GAS | RICHARD BANKS AND FRANCES BANKS HIS WIFE | CITIES SERVICE OIL COMPANY | 3/14/1949 | 252 | 209 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: SVV/4 | TEXAS | 28, 35 |
| 85389000 | LEASE - OIL AND GAS | ROGER Y SHAFFER A SINGLE PERSON | PANHANDLE EASTERN PIPE LINE COMPANY | 4/11/1951 | 257 | 322 | 4N | 12ECM | 13 | 4N12ECM13 | 4N-12ECM Sec. 13: NE/4 | TEXAS | 28, 35 |
| 85425000 | LEASE - OIL AND GAS | ALICE C STAMPER AND FAY M STAMPER HER HUSBAND | CITIES SEF | 12/28/1945 | 252 | 87 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SVV/4 | TEXAS | 28 |
| 85422000 | LEASE - OIL AND GAS | ANITA FERGUSON AS GUARDIAN OF THE PERSON AND ESTATE OF JERRY BANKS A MINOR | PANHANDLE EASTERN PIPE LINE COMPANY | 3/20/1951 | 257 | 312 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SW/4 | TEXAS | 28 |
| 85427000 | LEASE - OIL AND GAS | CARRIE BARTON AND GREGG BARTON HER HUSBAND | CITIES SERVICE GAS COMPANY | 1/14/1946 | 252 | 84 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SVV/4 | TEXAS | 28 |
| 85142000 | LEASE - OIL AND GAS | DELLA DELONG A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 5/9/1942 | 231 | 285 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: NE/4 | TEXAS | 28 |
| 85155000 | LEASE - OIL AND GAS | DONALD NICHOLAS AND HELEN NICHOLAS HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 1/25/1943 | 240 | 66 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: NW/4 | TEXAS | 28 |
| 85423000 | LEASE - OIL AND GAS | INA BANKS A WIDOW AND RUTH FRARY A SINGLE WOMAN | CITIES SERVICE GAS COMPANY | 10/29/1945 | 252 | 73 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SW/4 | TEXAS | 28 |
| 85424000 | LEASE - OIL AND GAS | JOHN E LUTTRELL AND MARY DOROTHY LUTTRELL HUSBAND AND WIFE | CITIES SERVICE GAS COMPANY | 12/20/1945 | 252 | 622 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SW/4 | TEXAS | 28 |
| 85133000 | LEASE - OIL AND GAS | JOHN M GLODEN A WIDOWER AND MURIEL GLODEN SINGLE ET AL | PANHANDLE EASTERN PIPE LINE COMPANY | 6/4/1941 | 233 | 27 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Soc. 24: SE/4 | TEXAS | 28 |
| 85426000 | LEASE - OIL AND GAS | MARIE FRARY- SINGLE | CITIES SERVICE GAS COMPANY | 1/8/1946 | 252 | 70 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SVV/4 | TEXAS | 28 |
| 85428000 | LEASE - OIL AND GAS | RAYMOND BANKS WIDOWER: ANITA BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL | CITIES SERVICE GAS COMPANY | 10/29/1945 | 260 | 231 | N4 | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SW/4 | TEXAS | 28 |
| 85429000 | LEASE - OIL AND GAS | RICHARD BANKS AND FRANCES BANKS HIS WIFE | CITIES SERVICE OIL COMPANY | 3/14/1949 | 252 | 208 | 4N | 12ECM | 24 | 4N12ECM24 | 4N-12ECM Sec. 24: SW/4 | TEXAS | 28 |
| 85282000 | LEASE - OIL AND GAS | C E TROUT AS TRUSTEE UNDER A CERTAIN TRUST AGREEMENT DATED SEPTEMBER 9, 1942 BETWEEN OKED OIL COMPANY AND C E TROUT | PANHANDLE EASTERN PIPE LINE COMPANY | 1/22/1947 | 257 | 67 | AN N | 12ECM | 36 | 4N12ECM36 | 4N-12ECM Sec 36: SE4 | TEXAS | 28 |
| 85277000 | LEASE - OIL AND GAS | C L MATHEWSON AND LULU B MATHEWSON HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 4/14/1945 | 251 | 380 | 4N | 12ECM | 36 | 4N12ECM36 | 4N-12ECM Sec 36: SE/4 | TEXAS | 28 |
| 85344000 | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6014 | W C ARROWSMITH | 9/2/1947 | 260 | 627 | N4 | 12ECM | 36 | 4N12ECM36 | 4N-12ECM Sec 36: NW/4 | TEXAS | 28 |
| 85279000 | LEASE - OIL AND GAS | E E WESTERVELT AN INDIVIDUAL | PANHANDLE EASTERN PIPE LINE COMPANY | 1/22/1947 | 257 | 56 | 4N | 12ECM | 36 | 4N12ECM36 | 4N-12ECM Sec 36: SE/4 | TEXAS | 28 |
| 85280000 | LEASE - OIL AND GAS | J M NOBLE A WIDOWER | PANHANDLE EASTERN PIPE LINE COMPANY | 1/22/1947 | 257 | 58 | 4N | 12ECM | 36 | 4N12ECM36 | 4N-12ECM Sec. 36: SE/4 | TEXAS | 28 |

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| Footnote | 28 | 28 | 28 | 28 | 28 | 28 | | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | ç |
|-------------------|--|--|--|--|--|--|---|--|--|-----------------------------------|---------------------------------|--|-----------------------------------|--|---|-----------------------------------|---|--|--|--|---|----------|
| County | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | |
| Legal Description | 4N-12ECM Sec. 36: SE/4 | 4N-12ECM Sec. 36: SVV/4 | 4N-12ECM Sec. 36: SE/4 | 4N-12ECM Sec. 36: NE/4 | 4N-12ECM Sec 36: 5E4 | 4N-12ECM Sec 36: SE/4 | 4N-12ECM SECTION 5: LOTS 1, 2, S/2 NE/4 AND SW/4 LIMITED TO THE WELLBORE ONLY OF THE BESSIE 5-1 WELL (API 3513933601). | 4N-13ECM Sec 1: SW/4 | 4N-13ECM See 1: Lots 1, 2, 3, 4: SZ N/2 | 4N-13ECM Sec. 11: NW/4: 5/2 | 4N-13ECM Sec. 11: NE4 | 4N-13ECM Sec. 12: NE/4 | 4N-13ECM Sec. 12: NE4 | 4N-13ECM Sec. 12: NE/4 | 4N-13ECM Sec. 12: NE/4 | 4N-13ECM Sec 12: NW/4 | 4N-13ECM Sec. 12: NE/4 | 4N-13ECM Sec.12: NE4 | 4N-13ECM Sec. 12: NE/4 | 4N-138CM Sec. 12: NE4 | 4N-13ECM Sec. 12: NE4 | 4N-13FCM |
| Concatenate | 4N12ECM36 | 4N12ECM36 | 4N12ECM36 | 4N12ECM36 | 4N12ECM36 | 4N12ECM36 | 4N12ECM5 | 4N13ECM1 | 4N13ECM1 | 4N13ECM11 | 4N13ECM11 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | 4N13ECM12 | |
| Section | 36 | 36 | 36 | 36 | 36 | 36 | ú | T | H | 11 | 1 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | |
| Range | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | |
| Township | N4 | 4N | 4N | 4N | N4 | 4N | N4 | 4N | N4 | 4N | N4 | 4N | N4 | 4N | 4N | 4N | 4N | N4 | 4N | A N | 4N | |
| Page | 379 | 348 | 45 | 142 | 325 | 29 | 72 | 130 | 171 | 72 | 2 | 553 | 443 | 723 | 744 | 72 | 565 | 557 | 439 | 725 | 727 | |
| Book | 251 | 233 | 257 | 251 | 2 2 2 | 257 | 244 | 252 | 260 | 231 | 217 | 958 | 196 | 961 | 963 | 231 | 958 | 958 | 961 | 961 | 961 | |
| Date | 3/17/1943 | 3/4/1943 | 1/29/1947 | 9/18/1944 | 5/1/1951 | 1/21/1947 | 6/10/1943 | 11/12/1946 | 3/25/1946 | 6/2/1941 | 9/8/1938 | 11/1/1997 | 11/13/1997 | 11/13/1997 | 1001/1/11 | 6/2/1941 | 1001/1/11 | 11/1/19 | 11/13/1997 | 11/15/1997 | 11/13/1997 | |
| Original Lessee | PANHANDLE EASTERN PIPE LINE COMPANY | CITIES SERVICE OIL COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | FRED C. KOCH | PANHANDLE EASTERN PIPE LINE COMPANY | JEWOOD | PANHANDLE EASTERN PIPE LINE CO | STANLEY MARSH JR | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | PANHANDLE EASTERN PIPE LINE CO | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | |
| _ | | LAWSON G GOODWIN AND MATILDA S GOODWIN HIS WIFE | S G NELSON AND BOB NELSON HIS WIFE | TRUDIE J STRONG A SINGLE WOMAN | | W C KITE AND MAUDE BANDEL KITE HIS WIFE | KANSAS LIFE INSURANCE CO | CITIES SERVICE OIL COMPANY | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE 3-25-1946 SALE | INTER-STATE CATTLE LOAN CO | INTER-STATE CATTLE LOAN COMPANY | C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | HITCH ENTERPRISES INC | HORTENSE BARRERE TRUSTEE OF THE HORTENSE BARRERE FAMILY TRUST | HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE | INTER-STATE CATTLE LOAN CO | JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | JERRY W RIZLEY AND MARGARET RIZLEY HIS WIFE | KARICK ASA PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO- TRUSTEES OF THE MARJORIE H PRICE TESTAMENTARY TRUST | LAMOYNE COX AND JOHN COX HER HUSBAND | |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | |
| Agreement # | 85276000 | 85413000 | 85281000 | 85253000 | 85283000 | 85278000 | 95911000 59885000 | 33053000 | 33059000 | 33019000 | 33023000 | N/A | N/A | N/A | N/A | 33019000 | N/A | N/A | N/A | N/A | N/A | |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| NIA | LEASE - OIL AND GAS | MARY DONNA LONG WILMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 11/19/1997 | 959 | 748 | 4N | 13ECM | 12 | 4N13ECM12 | 4N-13ECM Sec. 12: NE4 | TEXAS | 28 |
| NIA | LEASE - OIL AND GAS | MAX D RIZLEY A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 1901/E1/11 | 961 | 141 | 4N | 13ECM | 12 | 4N13ECM12 | 4N-13ECM Sec. 12: NE4 | TEXAS | 28 |
| NIA | LEASE - OIL AND GAS | MELVIN R CAMP SR INDIVIDUALLY AND AS EXECUTOR OF THE ESTATE OF M ELAINE CAMP, DECEASED | ANADARKO PETROLEUM CORPORATION | 101/01/11 | 965 | 181 | 4N | 13ECM | n | 4N13ECM12 | 4N-13ECM Sec. 12: NE4 | TEXAS | 28 |
| NIA | LEASE - OIL AND GAS | ROBERT S RIZLEY A SINGLE MAN | ANADARKO PETROLEUM CORPORATION | 1/16/1998 | 962 | 468 | 4N | 13ECM | 12 | 4N13ECM12 | 4N-13ECM Sec. 12: NE/4 | TEXAS | 28 |
| NIA | LEASE - OIL AND GAS | W K PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO-TRUSTEES OF THE MARJORIE H PRICE TESTAMENTARY TRUST | ANADARKO PETROLEUM CORPORATION | 1/20/1998 | 967 | 177 | 4N | 13ECM | 12 | 4N13ECM12 | 4N-13ECM Sec 12: NE4 | TEXAS | 28 |
| 3301800 | LEASE - OIL AND GAS | Ł | PANHANDLE EASTERN PIPE LINE CO | 6/2/1941 | 231 | 71 | 4N | 13ECM | 14 | 4N13ECM14 | 4N-13ECM Sec. 14: All | TEXAS | 28 |
| 85147000 | LEASE - OIL AND GAS | JAMES E SHAFFER AND MADDIE A SHAFFER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/19/1942 | 233 | 196 | 4N | 13ECM | 18 | 4N13ECM18 | 4N-13ECM Sec. 18: W/2 | TEXAS | 28 |
| 85146000 | LEASE - OIL AND GAS | R B SMITH AND IRENE G SMITH HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/19/1942 | 240 | 4 | 4N | 13ECM | 18 | 4N13ECM18 | 4N-13ECM Sec. 18: SE/4 | TEXAS | 28 |
| 85148000 | LEASE - OIL AND GAS | ROGER Y SHAFFER AND MAYME SHAFFER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/19/1942 | 240 | 7 | 4N | 13ECM | 18 | 4N13ECM18 | 4N-13ECM Soc. 18: NE/4 | TEXAS | 28 |
| 95853000 | LEASE - OIL AND GAS | JAMES E. SHAFFER ET UX | HENRY W. WACKER | 3/1/1944 | 232 | 543 | 4N | 13ECM | 19 | 4N13ECM19 | 4N-13ECM SECTION 19: NE/4 LIMITED TO RIGHTS BELOW THE BASE OF THE CHASE FORMATION | TEXAS | 6 |
| 85120000 | LEASE - OIL AND GAS | | PANHANDLE EASTERN PIPE LINE COMPANY | 6/3/1941 | 210 | 66 | 4N | 13ECM | 19 | 4N13ECM19 | 4N-13ECM Sec. 19: E/2 W/2: Lots 1, 2. 3, 4 | TEXAS | 28 |
| 85120000 | LEASE - OIL AND GAS | SSIE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/3/1941 | 210 | 66 | 4N | 13ECM | 20 | 4N13ECM20 | 4N-13ECM Sec. 20: NW/4: S/2 | TEXAS | 28 |
| 85301000 | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6022 | JE WOOD | 3/25/1946 | 260 | 169 | 4N | 13ECM | 21 | 4N13ECM21 | 4N-13ECM Sec. 21: NW/4 | TEXAS | 28 |
| 85107000 | LEASE - OIL AND GAS | FRANCIS J GROVE AND OPAL GROVE HIS WIFE: EUGENE R GROVE AND LILLIE GROVE HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 10/29/1974 | 231 | 246 | 4N | 13ECM | 21 | 4N13ECM21 | 4N-13ECM Sec. 21: SW/4 | TEXAS | 28 |
| 85106000 | LEASE - OIL AND GAS | LEON ALLEN AND MARY ALLEN HIS WIFE | 1000 | 11/8/1941 | 231 | 248 | 4N | 13ECM | 21 | 4N13ECM21 | 4N-13ECM Sec. 21: NE/4 | TEXAS | 28 |
| 85120000 | LEASE - OIL AND GAS | O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/3/1941 | 210 | 66 | 4N | 13ECM | 21 | 4N13ECM21 | 4N-13ECM Sec: 21: SE/4 | TEXAS | 28 |
| 3302000 | LEASE - OIL AND GAS | CONTINENTAL ASSURANCE COMPANY, A CORPORATION | Æ | 6/4/1941 | 210 | 136 | 4N | 13ECM | 22 | 4N13ECM22 | 4N-13ECM Sec. 22: N/2 | TEXAS | 28 |
| 85120000 | LEASE - OIL AND GAS | O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/3/1941 | 210 | 66 | 4N | 13ECM | 22 | 4N13ECM22 | 4N-13ECM Sec. 22: SW/4 | TEXAS | 28 |
| 85746000 | LEASE - OIL AND GAS | ROY P VAIL AND HELEN J VAIL CO- TRUSTEES OF THE VAIL-GLATTHAAR FAMILY TRUST DATED THE 28TH DAY OF JANUARY, 1994 | ANADARKO PETROLEUM CORPORATION | 11/10/1997 | 959 | 753 | N4 | 13ECM | 22 | 4N13ECM22 | 4M-13ECM Sec. 22: N/2 SW/4; S/2 SW/4 | TEXAS | 28 |
| 33052000 | LEASE - OIL AND GAS | EDDIE T POWELL A SINGLE AND UNMARRIED MAN | PANHANDLE EASTERN PIPE LINE COMPANY | 11/9/1944 | 251 | 203 | 4N | 13ECM | 23 | 4N13ECM23 | 4N-13ECM Sec. 23: NW/4 | TEXAS | 28 |
| 33038000 | LEASE - OIL AND GAS | 1 | PANHANDLE EASTERN PIPE LINE COMPANY | 9/19/1945 | 251 | 458 | 4N | 13ECM | 23 | 4N13ECM23 | 4N-13ECM Sec: 23: SE4 | TEXAS | 28 |
| 33021000 | LEASE - OIL AND GAS | H W WACKER AND ELGIE WACKER HIS WIFE: GREAT SOUTHERN LIFE INSURANCE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1941 | 231 | 265 | 4N | 13ECM | 23 | 4N13ECM23 | 4N-13ECM Sec. 23: NE4 | TEXAS | 28 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|--------------|---------------------|---|--|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 33016000 LEA | LEASE - OIL AND GAS | | PANHANDLE EASTERN PIPE LINE COMPANY | 1461/11/1 | 231 | 215 | 4N | 13ECM | 23 | 4N13ECM23 | 4N-13ECM Sec. 23: SW/4 | TEXAS | 28 |
| 85189000 LEA | LEASE - OIL AND GAS | MARTIN H KEENAN AND KATE KEENAN HIS WIFE | J W MCCOLL | 3/24/1941 | 210 | 47 | 4N | 13ECM | 25 | 4N13ECM25 | 4N-13ECM Sec. 25: NW/4 | TEXAS | 28 |
| 85181000 LEA | LEASE - OIL AND GAS | MARTIN KEENAN AND KATE KEENAN HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/28/1936 | 198 | 539 | 4N | 13ECM | 25 | 4N13ECM25 | 4N-13ECM Soc. 25: E/2: SW/4 | TEXAS | 28 |
| 85181000 LEA | LEASE - OIL AND GAS | MARTIN KEENAN AND KATE KEENAN HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/28/1936 | 198 | 539 | 4N | 13ECM | 26 | 4N13ECM26 | 4N-13ECM Sec. 26: E/2 | TEXAS | 28 |
| 85123000 LEA | LEASE - OIL AND GAS | PAUL A SMITH AND RUTH SMITH HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 1/11/1941 | 231 | 222 | AN | 13ECM | 27 | 4N13ECM27 | 4N-13ECM Sec. 27: N/2 S/2: NW/4 | TEXAS | 28 |
| 85143000 LEA | LEASE - OIL AND GAS | R B SMITH AND IRENE G SMITH HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 5/23/1942 | 231 | 286 | 4N | 13ECM | 30 | 4N13ECM30 | 4N-13ECM Sec. 30: All | TEXAS | 28 |
| 85123000 LEA | LEASE - OIL AND GAS | PAUL A SMITH AND RUTH SMITH HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 7/17/1941 | 231 | 222 | 4N | 13ECM | 34 | 4N13ECM34 | 4N-13ECM Sec 34: SW/4 | TEXAS | 28 |
| 85188000 LEA | LEASE - OIL AND GAS | EULA BURK A SINGLE WOMAN | T B ROACH | 3/24/1942 | 232 | 100 | 4N | 13ECM | 35 | 4N13ECM35 | 4N-13ECM Sec. 35: NE/4 NE/4 | TEXAS | 28 |
| 85187000 LEA | LEASE - OIL AND GAS | L D MARR AND JULIA LEE MARR HIS WIFE | 5NOL W H | 1/25/1941 | 210 | 20 | 4N | 13ECM | 35 | 4N13ECM35 | 4N-13ECM Sec. 35: W/2 NE/4: SE/4 NE/4: NW/4 | TEXAS | 28 |
| 85210000 LEA | LEASE - OIL AND GAS | LOLA AND EDD GRIFFITH HER HUSBAND | J W MCCOLL | 3/10/1941 | 210 | 48 | 4N | 13ECM | 35 | 4N13ECM35 | 4N-13ECM Sec 35: SE4 | TEXAS | 28 |
| 33016000 LEA | LEASE - OIL AND GAS | WINFIELD A POWELL A SINGLE MAN; KENNETH POWELL AND GLADYS POWELL HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 1461/71/7 | 231 | 215 | A4 | 13ECM | 35 | 4N13ECM35 | 4N-13ECM Sec. 35: SW/4 | TEXAS | 28 |
| 85204000 LEA | LEASE - OIL AND GAS | MOC | PANHANDLE EASTERN PIPE LINE COMPANY | 7/26/1948 | 257 | 176 | 4N | 13ECM | 36 | 4N13ECM36 | 4N-13ECM Sec. 36: NE/4 NE/4 | TEXAS | 28 |
| 85184000 LEA | LEASE - OIL AND GAS | KATE KEENAN A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 4/30/1947 | 257 | 114 | 4N | 13ECM | 36 | 4N13ECM36 | 4N-13ECM Sec. 36: NE/4 NE/4 | TEXAS | 28 |
| 85181000 LEA | LEASE - OIL AND GAS | MARTIN KEENAN AND KATE KEENAN HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/28/1936 | 198 | 539 | 4N | 13ECM | 36 | 4N13ECM36 | 4N-13ECM Sec. 36: NW/4: NW/4 NE/4: S/2: S/2 NE/4: NE/4 NE/4 | TEXAS | 28 |
| 85186000 LEA | LEASE - OIL AND GAS | | PANHANDLE EASTERN PIPE LINE COMPANY | 4/14/1949 | 257 | 229 | AN N | 13ECM | 36 | 4N13ECM36 | 4N-13ECM Sec. 36: NE/4 NE/4 | TEXAS | 28 |
| 85158000 LEA | LEASE - OIL AND GAS | GLENN BROCE AND EDITH M BROCE HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 7/6/1943 | 232 | 221 | 4N | 13ECM | 7 | 4N13ECM7 | 4N-13ECM Sec. 7: NE/4 | TEXAS | 28 |
| 82121000 FE/ | LEASE - OIL AND GAS | R M GEORGE A WIDOWER | PANHANDLE EASTERN PIPE LINE COMPANY | 12/11/1942 | 240 | 8 | 4N | 13ECM | 2 | 4N13ECM7 | 4N-13ECM Sec. 7: SE/4 | TEXAS | 28 |
| 85149000 LEA | LEASE - OIL AND GAS | ROGER Y SHAFFER AND MAYME SHAFFER HUSBAND AND WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/25/1942 | 240 | 9 | 4N | 13ECM | 7 | 4N13ECM7 | 4N-13ECM Sec. 7: W/2 | TEXAS | 28 |
| 33037000 LEA | LEASE - OIL AND GAS | INTER-STATE CATTLE LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 9/19/1936 | 204 | 122 | 4N | 14ECM | 16 | 4N14ECM16 | 4N-14ECM Soc. 16: E/2 NE/4; S/2; W/2 NE/4 | TEXAS | 28 |
| 33036000 LEA | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 5/31/1933 | 189 | 397 | 4N | 14ECM | 16 | 4N14ECM16 | 4N-14ECM Sec. 16: NW/4 | TEXAS | 28 |
| 33049000 LEA | LEASE - OIL AND GAS | INTER-STATE CATTLE LOAN COMPANY | REPUBLIC NATURAL GAS COMPANY | 2/16/1942 | 232 | 79 | 4N | 14ECM | 17 | 4N14ECM17 | 4N-14ECM Sec. 17: NW/4 | TEXAS | 28 |
| N/A LEZ | LEASE - OIL AND GAS | INTER-STATE CATTLE LOAN COMPANY | REPUBLIC NATURAL GAS COMPANY | 11/22/1939 | 217 | 127 | AN | 14ECM | 17 | 4N14ECM17 | 4N-14ECM Sec. 17: SW/4 | TEXAS | 28 |
| 33037000 LE/ | LEASE - OIL AND GAS | INTER-STATE CATTLE LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 9/19/1936 | 204 | 122 | N4 | 14ECM | 17 | 4N14ECM17 | 4N-14ECM Sec. 17: SE/4 | TEXAS | 28 |
| 33036000 LEA | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 5/31/1933 | 189 | 397 | 4N | 14ECM | 17 | 4N14ECM17 | 4N-14ECM Sec. 17: NE/4 | TEXAS | 28 |
| 85177000 LEA | LEASE - OIL AND GAS | INTER-STATE CATTLE LOAN COMPANY | F C HALL | 10/10/1935 | 176 | 552 | 4N | 14ECM | 18 | 4N14ECM18 | 4N-14ECM Sec: 18: NE/4 | TEXAS | 28 |
| 33036000 LE/ | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 5/31/1933 | 189 | 397 | 4N | 14ECM | 18 | 4N14ECM18 | 4N-14ECM Sec. 18: S/2 SE/4: N/2 SE/4 | TEXAS | 28 |
| 33034000 LEA | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND | EMPIRE OIL AND REFINING | 11/6/1933 | 192 | 11 | 4N | 14ECM | 18 | 4N14ECM18 | 4N-14ECM | TEXAS | 28 |

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|--|-------------|---------------------|--|--|------------|------|------|----------|-------|----------------|-------------|--|--------|----------|
| Instruction | 33036000 | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 5/31/1933 | 189 | 397 | 4N | 14ECM | 19 | 4N14ECM19 | 4N-14ECM Sec. 13: E/2 SE/4; E/2 NE/4 | TEXAS | 28 |
| Lucci: CL, AND GLS Freq CUL, AND GLS Event CL, AND GLS Event CL, AND GLS Freq CUL, AND GLS Event CL, AND GLS Freq CL, AND GLS Fred CL, AND GLS Fred CL, A | 33034000 | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 11/6/1933 | 192 | 11 | 4N | 14ECM | 19 | 4N14ECM19 | 4N-14ECM Sec. 19: NW/4 NW/4: S/2 NW/4: SW/4 SE/4 | TEXAS | 28 |
| Luca: Luca: <th< td=""><td>33036000</td><td>LEASE - OIL AND GAS</td><td>THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY</td><td>EMPIRE OIL AND REFINING COMPANY</td><td>5/31/1933</td><td>189</td><td>397</td><td>N4</td><td>14ECM</td><td>20</td><td>4N14ECM20</td><td>4N-14ECM Sec. 20: NW/4</td><td>TEXAS</td><td>28</td></th<> | 33036000 | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 5/31/1933 | 189 | 397 | N4 | 14ECM | 20 | 4N14ECM20 | 4N-14ECM Sec. 20: NW/4 | TEXAS | 28 |
| Loss: -0.LAND GAR MATRINALIANA MONTEREDANINE Dente CLAND STATISTIC Statis Statistic Statistic | 33034000 | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 11/6/1933 | 192 | 11 | 4N | 14ECM | 29 | 4N14ECM29 | 4N-14ECM Sec. 29: N/2 N/V/4 | TEXAS | 28 |
| Lude: Concrete Unitability Entrine Curva Not En | 85181000 | LEASE - OIL AND GAS | MARTIN KEENAN AND KATE KEENAN HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 3/28/1936 | 198 | 539 | N4 | 14ECM | оĉ | 4N14ECM30 | 4N-14ECM Sec. 30: SE/4; W/2 | TEXAS | 28 |
| LEAGE- OL. AND GKS DELIVIDE CUL, AND GKS DEPIDE GL, AND GKS ALVA GKS | 85201000 | LEASE - OIL AND GAS | CHARLES U REUST AND FLORA E REUST HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 5/17/1933 | 189 | 86E | N4 | 14ECM | 32 | 4N14ECM32 | 4N-146CM Sec 32: E/2 SE/4: NE/4 NE/4; SE/4 NE/4; W/2 NE/4; W/2 SE/4 | TEXAS | 28 |
| LEGE: OL, AND GAS ANGEW, WILLIANGONARD MARTY EMPRE OL, AND GAS EMPRE OL, AND GAS EMPRE OL, AND GAS EMPRE OL, AND GAS EMPRE OL, AND MARTY EMPRE OL, AND MARTY EMPRE OL, AND MARTY EMPRE OL, AND MARTY EMPLE MALLE MALTY EMPLE MALLE MALTY MALLE | 33030000 | LEASE - OIL AND GAS | DELLA DELONG A SINGLE WOMAN | EMPIRE OIL AND REFINING COMPANY | 4/24/1933 | 180 | 457 | 4N | 14ECM | ß | 4N14ECM5 | 4N-14ECM Sec. 5: E/2 | TEXAS | 28, 30 |
| Twee FEER-0L AND GAR LEASE- CL AND GAR MANNOFTTA VIECT FEER-0L ALUAR MANNOFTTA VIECT AND FAIL MANNOFTTA VIECT AND FAIL | 33029000 | LEASE - OIL AND GAS | JAMES W J WILLIAMSON AND DAISY WILLIAMSON HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 6/30/1933 | 189 | 460 | N4 | 14ECM | S | 4N14ECM5 | 4N-14ECM Sec. 5: NW/4 | TEXAS | 28, 30 |
| LEASE-OLAND GLA CONTONICIÓNG ANARRED MANI ANALARKO FETICLEUM 11/11/397 958 514 41 414.EE/07 LEASE-OLAND GLA HERN LASTERAD SERAGATE ANADARKO FETICLEUM 10.11/1397 958 574 4N 1467 7 4N14EE/07 LEASE-OLAND GLA HUBERT LADOTENSTER ANADARKO FETICLEUM 10.11/1397 958 572 4N 1467 7 4N14EE/07 LEASE-OLAND GLA ANUERTA ANADARKO FETICLEUM 11/11397 958 572 4N 140 7 4N14EE/07 LEASE-OLAND GLA ANALONE KETICLEUM 11/11397 958 559 4N 145E/07 7 4N14EE/07 LEASE-OLAND GLA ANALONE KETICLEUM 11/11397 958 559 4N 146E/07 7 4N14EE/07 LEASE-OLAND GLA ANADARKO FETICLEUM 11/11397 958 559 4N 146E/07 7 4N14EE/07 LEASE-OLAND GLA ANADARKO FETICLEUM 11/11397 958 559 4N 146E/07 7 | 85167000 | LEASE - OIL AND GAS | THE FEDERAL FARM MORTGAGE CORPORATION BY THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS ITS AGENT AND ATTORNEY-IN-FACT | PANHANDLE EASTERN PIPE LINE COMPANY | 7/9/1943 | 232 | 296 | N4 | 14ECM | ъ | 4N14ECM5 | 4N-14ECM Sec 5: SW/4 | TEXAS | 28, 30 |
| Lexes - 0.L. AND GAS HELRE LearnEFEW CODE DOUNDE A SINGLE ANUMARION 107.1/1397 557 AN 14ECM 7 4N14ECM LEAGE - 0.L. AND GAS HUBERT RAD FERSIE ANUDARSTE ANUDARST ANULARST | N/A | LEASE - OIL AND GAS | C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 11/1/1997 | 958 | 555 | 4N | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec 7: NW/4 | TEXAS | 28, 32 |
| Exest-oil AND GAS Huber AND MADRANC FERCUEMIN 11/1/397 953 742 4N 14ECM 7 4N14ECM7 Lexse-oil AND GAS MULER EXOD TRUST FR CORPOATION 11/1/1397 959 557 4N 14ECM 7 4N14ECM7 Lexse-oil AND GAS MARTED VOLVAN FELLING AND ARO FETIGUEMIN 11/1/1397 959 557 4N 14ECM 7 4N14ECM7 Lexse-oil AND GAS MARTED VOLVAN FELLING AND ARO FETIGUEMIN 11/1/1397 959 551 4N 14ECM 7 4N14ECM7 MARTED VOLVAN FEDICINAN AND ARO FETIGUEMIN 11/1/1397 959 553 4N 14ECM 7 4N14ECM7 MARTED VOLVAN FEDICINAN AND ARO FETIGUEMIN 11/1/1397 959 551 4N 14ECM 7 4N14ECM7 MARTED VOLVAN FEDICINAN AND ARO FETIGUEMIN 11/1/1397 959 746 4N 141ECM 7 4N14ECM7 LEXES - OLL AND GAS THE SOUTHWEETERIUNE CORPORATION 10/1/13979 959 561 | N/A | LEASE - OIL AND GAS | HELEN EASTERWOOD BOUNDS A SINGLE WOMAN | | 10/21/1997 | 958 | 574 | 4N | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec. 7: NW/4 | TEXAS | 28, 32 |
| I EASE - OL AND GAS JAY LIE A MARRIED MAN DEALING IN HIS ANADARKO PETROLEUM 11/1/1997 96 667 4N 14ECM 7 4N14ECM I EASE - OL AND GAS IBNNELOU LONG NCKINNON A CORPORATION ANADARKO PETROLEUM 11/1/1997 959 559 4N 14ECM 7 4N14ECM I EASE - OL AND GAS MARRIED WOMAN DEALING IN HER SOLE ANADARKO PETROLEUM 11/1/1997 959 746 4N 14ECM 7 4N14ECM I EASE - OL AND GAS MARRIED WOMAN DEALING IN HER SOLE CORPORATION 11/1/1997 959 746 4N 14ECM 7 4N14ECM I EASE - OL AND GAS THE SOLITE RODRETTY CORPORATION 11/1/1997 959 746 4N 14ECM 7 4N14ECM I EASE - OL AND GAS THE SOLITE RODRATIC CORPORATION 10/7/1997 959 563 4N 14ECM 7 4N14ECM I EASE - OL AND GAS TOLAN COMPAKT CORPORATION 10/7/1997 959 563 4N 14ECM 7 4N14ECM I EASE - OL AND GAS THAL EASTERWOOD A SINGLE WOMAN CORPORATION 10/7/1997 959 563 4N 14ECM 7 4N14ECM I EASE - OL AND GAS THAL EASTERWOOD A SINGLE | N/A | LEASE - OIL AND GAS | HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE | ANADARKO PETROLEUM CORPORATION | 11/1/1997 | 963 | 742 | 4N | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec. 7: NW/4 | TEXAS | 28, 32 |
| LEASE-OIL AND GAS IENNIE LOU LONG MCRINNON A ANADARKO PETROLEUM 111/19197 958 559 4N 14ECM 7 4N14ECM7 LEASE-OIL AND GAS MANDAMA DEJUGIO MINI PERSOLE CORPORATION 111/191397 959 746 4N 7 4N14ECM7 MAND SERVARTE RAPPERTON MANDARKO PETROLEUM 111/191397 959 746 4N 7 4N14ECM7 LEASE-OIL AND GAS THE SOUTHWESTERN LIVE STOCK AND EMPIRE OIL AND RETINUK 111/191397 959 746 4N 14ECM 7 4N14ECM7 LEASE-OIL AND GAS THIL SEATERNOOD A SINGLE ANADARKO PETROLEUM 1002713997 958 561 4N 14ECM 7 4N14ECM7 LEASE-OIL AND GAS VILL EASTERNOOD A SINGLE ANADARKO PETROLEUM 1002713997 958 561 4N 14ECM 7 4N14ECM7 LEASE-OIL AND GAS VILL EASTERNOOD A SINGLE ANADARKO PETROLEUM 1002713997 958 561 4N 14ECM 7 4N14ECM7 LEASE-OIL AND GAS VILL EASTERNOOD A SINGLE ANADARKO PETROLEUM 1002713997 958 561 4N 14E | N/A | LEASE - OIL AND GAS | JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | | 11/1/1997 | 958 | 567 | A4 | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec. 7: NW/4 | TEXAS | 28, 32 |
| Lesse - OIL AND GAS MART PORNAL LONG WILNER AND ARROD MART PONAL LONG WILNER MAD ARROD MAD | NIA | LEASE - OIL AND GAS | JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | | 11/1/1997 | 958 | 559 | V4 | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec 7:NW/4 | TEXAS | 28, 32 |
| LEAGE-OIL AND GAS THE SOUTHWESTERN LIVE STOCK AND EMPIRE OIL AND REFINING 11/6/1933 192 11 4/N 1.4ECM 7 4/N.4ECM LEAGE-OIL AND GAS TWILA EASTERN UNC STOCK AND EMPIRE OIL AND REFINING 11/6/1393 192 11 4/N 1.4ECM 7 4/N.4ECM7 LEAGE-OIL AND GAS TWILA EASTERN UDO A SINGLE WOMAN ANADARKO FEROLEUM 10/27/1997 958 563 4/N 1.4ECM 7 4/N.4ECM7 LEAGE-OIL AND GAS MLBERT GUMPER AND ROSA GUMPER EMPIRE OIL AND REFINING 10/27/1997 958 563 4/N 1.4ECM 7 4/N.4ECM7 LEAGE-OIL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OIL AND REFINING 5/12/1933 180 542 4/N 1.4ECM 9 4/N.4ECM7 LEAGE-OIL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OIL AND REFINING 5/12/1933 180 542 4/N 1.4ECM 9 4/N.4ECM3 LEAGE-OIL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OLLAND ROMAN 5/12/1933 180 542 4/N 1.4ECM | N/A | LEASE - OIL AND GAS | MARY DONNA LONG WILMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | | 11/19/1997 | 959 | 746 | 4N | 14ECM | 2 | 4N14ECM7 | 4N-14ECM Sec 7:NW/4 | TEXAS | 28, 32 |
| LEAGE-OLLAND GAS TIALEXTERWOOD A SINGLE WOMAN ANADARKO PERTOLEUM 10/27/1397 956 561 4N 14ECM 7 4N14ECM7 LEAGE-OLLAND GAS VERAJANE EASTERWOOD A SINGLE ACORPORTIOLUM 10/27/1397 956 563 4N 14ECM 7 4N14ECM7 LEAGE-OLLAND GAS WERATELERE ANADARKO PERTINCIU 10/27/1397 956 563 4N 14ECM 7 4N14ECM7 LEAGE-OLLAND GAS ALBERT GUMPER EMPRE OLLAND REFINING 10/27/1393 180 542 4N 14ECM 9 4N14ECM9 LEAGE-OLLAND GAS ALBERT GUMPER AND ROSA GUMPER EMPRE OLLAND REFINING 5/12/1333 180 542 4N 14ECM 9 4N14ECM9 LEAGE-OLLAND GAS ALBERT GUMPER AND ROSA GUMPER EMPRE OLLAND REFINING 5/12/1333 180 542 4N 14ECM 9 4N14ECM9 LEAGE-OLLAND GAS ALBERT GUMPER AND ROSA GUMPER EMPRE OLLAND REFINING 5/12/1333 180 542 4N 14ECM 9 4N14ECM9 LEAGE-OLLAND GAS MAREHENSON ALLACE AND MARVIELE CLEM ROMPANDE EASTENDELUN 2/12/1333 </td <td>33034000</td> <td>LEASE - OIL AND GAS</td> <td>THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY</td> <td>EMPIRE OIL AND REFINING COMPANY</td> <td>11/6/1933</td> <td>192</td> <td>11</td> <td>4N</td> <td>14ECM</td> <td>7</td> <td>4N14ECM7</td> <td>4N-14ECM Sec. 7: E/2 SE/4; W/2 SW/4</td> <td>TEXAS</td> <td>28</td> | 33034000 | LEASE - OIL AND GAS | THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY | EMPIRE OIL AND REFINING COMPANY | 11/6/1933 | 192 | 11 | 4N | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec. 7: E/2 SE/4; W/2 SW/4 | TEXAS | 28 |
| LEASE-OIL AND GAS VERA IANE EASTERWOOD A SINGLE ANADARKO PETROLEUM 10/27/1397 956 563 4N 1.4ECM 7 4N14ECM7 UEASE-OIL AND GAS ALBERT GUNPER AND FOSA GUMPER EMPIRE OIL CORPORATION 5/12/1333 190 542 4N 1.4ECM 9 4N14ECM9 LEASE-OIL AND GAS ALBERT GUNPER AND FOSA GUMPER EMPIRE OIL AND FREINING 5/12/1333 190 542 4N 1.4ECM 9 4N14ECM9 LEASE-OIL AND GAS ALBERT GUNPER AND FOSA GUMPER EMPIRE OIL AND FREINING 5/12/1333 190 542 4N 1.4ECM 9 4N14ECM9 LEASE-OIL AND GAS MARE HENSION COMPANY 5/12/1333 180 542 4N 1.4ECM 9 4N14ECM9 LEASE-OIL AND GAS MARE HENSION COMPANY 7/14/13 257 99 4N 1.4ECM 9 4N14ECM9 LEASE-OIL AND GAS MARE HENSION COMPANY 7/24/1343 247 257 99 4N 1.4ECM 9 4N14ECM9 | N/A | LEASE - OIL AND GAS | TWILA EASTERWOOD A SINGLE WOMAN | | 10/27/1997 | 958 | 561 | 4N | 14ECM | 7 | 4N14ECM7 | 4N-14ECM Sec. 7: NW/4 | TEXAS | 28, 32 |
| LEAGE - OLL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OLL AND REFINIG 5/12/1933 180 542 4N 14ECM 9 4N14ECM9 LEAGE - OLL AND KNE COMPARY EMPIRE OLLAND REFINIG 5/12/1933 180 542 4N 14ECM 9 4N14ECM9 LEAGE - OLL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OLLAND REFINING 5/12/1933 180 542 4N 14ECM 9 4N14ECM9 LEAGE - OLL AND GAS GEORGEH CLEM AND MARYELLE GLEM PANHANDLE EATERN PIPE LINE 4/91947 257 99 4N 14ECM 9 4/14ECM9 LEAGE - OLL AND GAS MARIE HENSON WALLAGE AND WR COMPANY 7/24/1943 244 189 4N 14ECM 9 4/14ECM9 LEAGE - OLL AND GAS MARIE HENSON WALLAGE AND WR COMPANY 7/24/1943 244 189 4N 14ECM 9 4/14ECM9 LEAGE - OLL AND GAS THE REDERAL LAND BANK OF WILL 7/24/1943 244 188 4N 14ECM 9 4/14ECM9 LEAGE - OLL AND GAS THE REDERAL LAND BANK OF WILL TB ROACH 7/24/1943 244 | NIA | LEASE - OIL AND GAS | VERA JANE EASTERWOOD A SINGLE WOMAN | ANADARKO PETROLEUM CORPORATION | 10/27/1997 | 958 | 563 | 4N | 14ECM | . ² | 4N14ECM7 | 4N-14ECM Sec. 7: NW/4 | TEXAS | 28, 32 |
| LEASE - OIL AND GAS ALBERT GUMPER AND ROSA GUMPER EMPIRE OIL AND REFINIG 51,21,933 180 542 4N 1.4ECM 9 4N1.4ECM9 HEASE - OIL AND GAS GEORGEH CLEM AND MARYELLE ECLEM PANHANDLE EXTERNY COMPANY 49,1147 257 99 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS MARRE HENSON WALLYGE AND WR COMPANY 70,41343 257 99 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS WARRE HENSON WALLYGE AND WR COMPANY 72,41343 244 188 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS WARRE HENSON WALLYGE AND WALLY THE REDRUL AND EXARCIS 72,41343 2.44 188 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS WICHTA THE REDRUL AND SANGE WALN 77,41343 2.44 188 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS THE REDRUL AND SANGE WALN THE REDRUL AND SANGE WALN 77,41343 2.44 188 4N 1.4ECM 9 4N1.4ECM9 LEASE - OIL AND GAS THE REDRUL LAND SANKOF WALN TB | 33035000 | LEASE - OIL AND GAS | ALBERT GUMPER AND ROSA GUMPER HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 5/12/1933 | 180 | 542 | 4N | 14ECM | 6 | 4N14ECM9 | 4N-14ECM Sec. 9: E/2 NE/4: W/2 NE/4: W/2 SE/4 | TEXAS | 28, 31 |
| LEASE - OIL AND GAS GEORGE H CLEM AND MARVELLE E CLEM PANHANDLE EASTERN PIPE LINE 49/1947 257 99 4N 14ECM 9 4N14ECM9 MARREHENSON MARREHENSON MARREHENSON NUME MARREHENSON AND MARVELAR E AND WAR COMPANY 7/24/1943 244 188 4N 14ECM 9 4N14ECM9 LEASE - OIL AND GAS MALLACE HER MUSBAND, AND EVALER TERS SERVICE OIL COMPANY 7/24/1943 244 188 4N 14ECM 9 4N14ECM9 LEASE - OIL AND GAS THE FEDERAL LAND BANK OF WICHTA T B ROACH 9/18/1941 232 65 4N 14ECM 9 4N14ECM9 LEASE - OIL AND GAS THE FEDERAL LAND BANK OF WICHTA T B ROACH 9/18/1941 232 65 4N 14ECM 9 4N14ECM9 | 33035000 | LEASE - OIL AND GAS | ALBERT GUMPER AND ROSA GUMPER HIS WIFE | EMPIRE OIL AND REFINING COMPANY | 5/12/1933 | 180 | 542 | 4N | 14ECM | 6 | 4N14ECM9 | 4N-14ECM Sec. 9: E/2 SE/4 | TEXAS | 28, 31 |
| LEASE - OIL AND GAS WARE HENSON WALLACE AND WR TCALIDEA TCALIDIA TCALIDIA <thtcalidia< th=""> TCALIDIA <thtcalidia< th=""></thtcalidia<></thtcalidia<> | 33031003 | LEASE - OIL AND GAS | GEORGE H CLEM AND MARVELLE E CLEM HIS WIFE | PANHANDLE EASTERN PIPE COMPANY | 4/9/1947 | 257 | 66 | 4N | 14ECM | 6 | 4N14ECM9 | 4N-14ECM Sec. 9: W/2 SW/4 | TEXAS | 28, 31 |
| LEASE - OIL AND GAS THE FEDERAL LAND BANK OF WICHITA T B ROACH 9/18/1941 232 65 4N 146CM 9 VICHITA, KANSAS VICHITA, KANSAS 0.0 0.0 0.0 0.0 0.0 0.0 | 33031002 | LEASE - OIL AND GAS | MARIE HENSON WALLACE AND W R WALLACE HER HUSBAND: AND EVALEEN HENSON A SINGLE WOMAN | | 7/24/1943 | 244 | 188 | 4N | 14ECM | ŋ | 4N14ECM9 | 4N+1AECM Sec 9: W/2 SW/4 | TEXAS | 28, 31 |
| CHARLESE CHITTENDEN AND JOANNA M PANHANDLE EASTERN PIPE LINE | 33031001 | LEASE - OIL AND GAS | THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | T B ROACH | 9/18/1941 | 232 | 65 | 4N | 14ECM | 6 | 4N14ECM9 | 4N-14ECM Sec. 9: E/2 SW/4: W/2 NW: W/2 SW/4: E/2 NW/4 | TEXAS | 28, 31 |
| LEASE - OIL AND GAS CHITTENDEN HIS WIFE COMPANY 7/18/1941 231 88 4N 10ELM 11 4N10ELM11 | 33169000 | LEASE - OIL AND GAS | CHARLES E CHITTENDEN AND JOANNA M CHITTENDEN HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 7/18/1941 | 231 | 88 | 4N | 16ECM | Ħ | 4N16ECM11 | 4N-16ECM Sec. 11: S/2 NW/4: NW/4 NW/4 | TEXAS | 28 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 33167000 | LEASE - OIL AND GAS | GEORGE D LOWRY AND WIFE ROSA | PEERLESS OIL AND GAS | 11/22/1942 | 210 | 207 | 4N | 16ECM | 11 | 4N16ECM11 | 4N-16ECM Sec. 11: E/2 NE/4: SW/4: SW/4 NE/4 | TEXAS | 28 |
| 33168000 | LEASE - OIL AND GAS | GOTTLIEB WERNER, THE FORMER HUSBAND OF ELIZABETH WERNER DECEASED AND ANNA WERNER HIS WIFE ET AL | VIRGIL THURMAN | 8/12/1939 | 215 | 586 | 4N | 16ECM | Ħ | 4N16ECM11 | 4N-16ECM Sec. 11: NE/A NW/4, NW/4 NE/4 | TEXAS | 28 |
| 33132000 | LEASE - OIL AND GAS | JOSEPHINE LONG A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 8/10/1944 | 251 | 36 | N4 | 16ECM | 17 | 4N16ECM17 | 4N-1GECM Sec 17: ALL | TEXAS | 28 |
| 33133002 | LEASE - OIL AND GAS | CLARICE SINGLETON NEVENS AND RALEIGH OWEN NEVENS HER HUSBAND ET AL | D D HARRINGTON | 6/21/1947 | 257 | 124 | AN | 16ECM | 20 | 4N16ECM20 | 4N-16ECM Sec. 20: SE/4 | TEXAS | 28 |
| 33133001 | LEASE - OIL AND GAS | ERNEST FISCHER AND ANNA E FISCHER HIS WIFE | | 8/8/1944 | 251 | 33 | A4 | 16ECM | 20 | 4N16ECM20 | 4/N-16ECM Sec. 20: 5E/4 | TEXAS | 28 |
| 33132000 | LEASE - OIL AND GAS | JOSEPHINE LONG A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 8/10/1944 | 251 | 36 | 4N | 16ECM | 20 | 4N16ECM20 | 4N-16ECM Sec. 20: NE/4 | TEXAS | 28 |
| 33135000 | LEASE - OIL AND GAS | KENNETH E LOWTHER ADMINISTRATOR OF THE ESTATE OF NELUE B LOWTHER DECEASED: KENNETH E LOWTHER INDIVIDUALLY AND BARBARA HICKS INDIVIDUALLY AND BARBARA HICKS | SKELLY OIL COMPANY | 9/16/1944 | 255 | 351 | 4N | 16ECM | 20 | 4N16ECM20 | 4N-16ECM See. 20: NW/4 | TEXAS | 28 |
| 33136000 | LEASE - OIL AND GAS | WILLIAM BRUNE AND PAULINE BRUNE HUSBAND AND WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/3/1944 | 232 | 625 | 4N | 16ECM | 20 | 4N16ECM20 | 4N-1GECM Sec. 20: SW/4 | TEXAS | 28 |
| 33178000 | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE EI 861 | STANOLIND OIL AND GAS COMPANY | 4/7/1944 | 243 | 618 | 4N | 17ECM | 15 | 4N17ECM15 | 4N-17ECM Sec 15: NE/4: NW/4: SE/4 | TEXAS | 28 |
| 33177000 | LEASE - OIL AND GAS | HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 2/3/1943 | 240 | 28 | 4N | 17ECM | 15 | 4N17ECM15 | 4N-17ECM Sec. 15: SW/4 | TEXAS | |
| 33177000 | LEASE - OIL AND GAS | HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 2/3/1943 | 240 | 28 | 4N | 17ECM | 16 | 4N17ECM16 | 4N-17ECM Sec. 16: NE/4 | TEXAS | 28 |
| 33120000 | LEASE - OIL AND GAS | C A MOORE A SINGLE MAN AKA CARL A MOORE | PEERLESS OIL AND GAS COMPANY | 12/31/1942 | 210 | 200 | 4N | 17ECM | 18 | 4N17ECM18 | 4N-17ECM Sec. 18: NE/4 | TEXAS | 28 |
| 33126000 | LEASE - OIL AND GAS | HARVEY E FRINFROCK AND ERNA A FINFROCK HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 6/6/1941 | 231 | 77 | 4N | 17ECM | 18 | 4N17ECM18 | 4N-17ECM Soc. 18: SWV/4: W/2 NWV/4 | TEXAS | 28 |
| 33125000 | LEASE - OIL AND GAS | SIDNEY F DAFFORN AND BERNICE M DAFFORN HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | B/22/1944 | 251 | 57 | 4N | 17ECM | 18 | 4N17ECM18 | 4N-17ECM Sec. 18: SE/4 | TEXAS | 28 |
| 33127000 | LEASE - OIL AND GAS | WHEELER A GUSTIN A SINGLE MAN | D D HARRINGTON | 9/5/1946 | 251 | 618 | 4N | 17ECM | 18 | 4N17ECM18 | 4N-17ECM Sec. 18: E/2 NW/4 | TEXAS | 28 |
| 31807000 | LEASE - OIL AND GAS | CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT | ANADARKO PRODUCTION COMPANY | 4/28/1980 | 534 | 432 | N4 | 21ECM | 1 | 4N21ECM1 | 4N-21ECM Sec. 1: Lots 3 & 4: SZ NW/4 | BEAVER | m |
| 31850002 | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22356 | ANADARKO PETROLEUM CORPORATION | 1/11/1999 | 1025 | 72 | N4 | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NW/4 NE/4 | BEAVER | m |
| 31850003 | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22357 | ANADARKO PETROLEUM CORPORATION | 1/11/1999 | 1025 | 68 | N4 | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NE/4 NW/4 | BEAVER | m |
| 32246021 | LEASE - OIL AND GAS | JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 508 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SE/4 | BEAVER | m |
| 32246015 | LEASE - OIL AND GAS | JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 504 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SW/4 | BEAVER | m |
| 32246003 | LEASE - OIL AND GAS | JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 500 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NW/4 NW/4; S/2 NW/4 | BEAVER | m |
| 32246009 | LEASE - OIL AND GAS | JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 496 | N4 | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Soc. 10: 5/2 NE/4 | BEAVER | m |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|--|--------------------------------|------------|------|------|----------|--------------|---------|-------------|--|--------|----------|
| 32246025 | LEASE - OIL AND GAS | MILTON H BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 271 | 4N | 21ECM | 5 | 4N21ECM10 | 4N-21ECM Sec 10: SE/4 | BEAVER | ю |
| 32246020 | LEASE - OIL AND GAS | MILTON H BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 267 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SW/4 | BEAVER | m |
| 32246013 | LEASE - OIL AND GAS | MILTON H BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 263 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: S/2 NE/4 | BEAVER | m |
| 32246006 | LEASE - OIL AND GAS | MILTON H BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 259 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NW/4 NW/4: S/2 NW/4 | BEAVER | 'n |
| 32246007 | LEASE - OIL AND GAS | OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-29314 | ANADARKO PETROLEUM CORP | 2/16/1999 | 1021 | 450 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NW/4 NW/4; S/2 NE/4; S/2 NW/4; SE/4; SW/4 | BEAVER | n |
| 32155000 | LEASE - OIL AND GAS | PAUL G EDIGER AND WIFE SARAH EDIGER AKA SARA EDIGER | T S DUDLEY LAND COMPANY INC | 8/5/1997 | 994 | 759 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NE/4 NE/4 | BEAVER | m |
| 31850001 | LEASE - OIL AND GAS | SARAH EDIGER AKA SARA EDIGER AND HUSBAND PAUL G EDIGER | T S DUDLEY LAND COMPANY INC | 8/5/1997 | 994 | 762 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NE/4 NW/4: NE/4 | BEAVER | m |
| 32246016 | LEASE - OIL AND GAS | THOMAS G BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 480 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SVV/4 | BEAVER | З |
| 32246022 | LEASE - OIL AND GAS | THOMAS G BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 492 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SE/4 | BEAVER | m |
| 32246004 | LEASE - OIL AND GAS | THOMAS G BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 488 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: NVV/4 NVV/4: S/2 NVV/4 | BEAVER | e |
| 32246010 | LEASE - OIL AND GAS | THOMAS G BLAKEMORE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 484 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: S/2 NE/4 | BEAVER | З |
| 32246017 | LEASE - OIL AND GAS | THOMAS JERRY BLAKEMORE II | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 476 | AN | ZIECM | 10 | 4N21ECM10 | 4N-21ECM Sec 10: SW/4 | BEAVER | е |
| 32246011 | LEASE - OIL AND GAS | THOMAS JERRY BLAKEMORE II | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 464 | N4 | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: S/2 NE/4 | BEAVER | ю |
| 32246023 | LEASE - OIL AND GAS | THOMAS JERRY BLAKEMORE II | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 468 | ÅN V | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SE/4 | BEAVER | e |
| 32246001 | LEASE - OIL AND GAS | THOMAS JERRY BLAKEMORE II | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1020 | 472 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: S/2 NW/4; NW/4 NW/4 | BEAVER | m |
| 32246014 | LEASE - OIL AND GAS | VICTORY PRODUCTION LLC | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1019 | 144 | 4N | 21ECM | 10 | 4NZ1ECM10 | 4N-21ECM Sec. 10: SW/4 | BEAVER | m |
| 32246019 | LEASE - OIL AND GAS | VICTORY PRODUCTION LLC | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1019 | 140 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SE/4 | BEAVER | m |
| 32246008 | LEASE - OIL AND GAS | VICTORY PRODUCTION LLC | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1019 | 152 | 4N | 21ECM | 10 | 4NZ1ECM10 | 4N-21ECM Sec. 10: 5/2 NE/4 | BEAVER | в |
| 32246002 | LEASE - OIL AND GAS | VICTORY PRODUCTION LLC | TEXOMA LAND CONSULTANTS INC | 12/28/1998 | 9101 | 148 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: S/2 NW/4; NW/4 NW/4 | BEAVER | m |
| 32246018 | LEASE - OIL AND GAS | YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 307 | 4N | 21ECM | 10 | 4N21ECM10 | 4N-21ECM Sec. 10: SW/4 | BEAVER | m |
| 32246012 | LEASE - OIL AND GAS | YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 315 | 4N | 21ECM | 10 | 4NZ1ECM10 | 4N-21ECM Sec. 10: S/2 NE/4 | BEAVER | m |
| 32246024 | LEASE - OIL AND GAS | YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 303 | 4N | 21ECM | 10 | 4NZ1ECM10 | 4N-21ECM Sec. 10: SE/4 | BEAVER | m |
| 32246005 | LEASE - OIL AND GAS | YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE | T S DUDLEY LAND COMPANY INC | 12/28/1998 | 1022 | 311 | 4N | 21ECM | 10 | 4NZ1ECM10 | 4N-21ECM Sec. 10: NW/4 NW/4: S/2 NW/4 | BEAVER | m |
| 32206000 | LEASE - OIL AND GAS | OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-29331 | T S DUDLEY LAND COMPANY INC | 5/1/2001 | 1064 | 124 | N‡ | 21ECM | 16 | 4N21ECM16 | 4N-21ECM Sec. 16: ALL | BEAVER | m |
| 31774000 | LEASE - OIL AND GAS | ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE | DALE K LAWYER | 4/1/1978 | 492 | EI | N4 | 21ECM | 2 | 4N21ECM2 | 4N-21ECM Sec. 2: E/2 SW: SE/4 | BEAVER | 3,5 |
| 31845002 | LEASE - OIL AND GAS | H S BLAKEMORE AND T JERRY BLAKEMORE | SHENANDOAH OIL CORPORATION | 10/1/1976 | 455 | 317 | N4 | 21ECM | 2 | 4N21ECM2 | 4N-21ECM Sec 2: W/2 SW/4 | BEAVER | 3, 5 |

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| Footnote | з'г | 3, 5 | 3,5 | 3,5 | 3, 5 | e | в | m | ε | e | m | m | m | в | e | е | e | E | 7 | E |
|-------------------|---|---|-----------------------------|--|--|---|---|--|---|---|---|---|--|--|--|--|---|--|---|---------------------------------|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM Sec 2: W/2 SW/4 | 4N-21ECM Soc. 2: Lots 1 & 2: S/2 NE/4 | 4N-21ECM Sec 2: V/2 SV/4 | 4N-21ECM Sec. 2: Lots 3 & 4: NW/4: S/2 NW/4 | 4N-21ECM Sec. 2: W/2 SW/4 | 4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4 | 4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4 | 4N-21ECM Sec. 20: E/2 NE/4: NE/4 SE/4 | 4N-21ECM Sec 20: W/Z NE/4 | 4N-21ECM Sec. 20: N/2 NW/4; S/2 NW/4 | 4N-21ECM Sec 20: SW/4 | 4N-21ECM Soc 20: S/2 SE/4 | 4N-21ECM Sec 20: EZ NE4, NE4 SE4 | 4N-21ECM Sec. 20: N/2 N/V/4; W/2 NE/4 | 4N-21ECM Sec. 20: NW/4 SE/4 | 4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4 | 4N-21ECM Sec. 20: NE/4 SE/4; E/2 NE/4 | 4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4 | 4N-21ECM Sec. 20: N/2 NV/4; W/2 NE/4 | 4N-21ECM Sec. 20: NW/4 SE/4 |
| Concatenate | 4N21ECM2 | 4N21ECM2 | 4N21ECM2 | 4N21ECM2 | 4N21ECM2 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 | 4N21ECM20 |
| Section | 2 | 2 | 2 | 2 | 2 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 5 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N | N4 | N4 | N4 | N4 | 4N | 4N | 4N | 4N | 4N | 4N | 4N |
| Page | 349 | 81 | 301 | 384 | 333 | 801 | 578 | 580 | 590 | 567 | 570 | 594 | 584 | 797 | 586 | 740 | 256 | 582 | 793 | 588 |
| Book | 455 | 447 | 455 | 450 | 455 | 649 | 649 | 649 | 649 | 563 | 563 | 649 | 649 | 649 | 649 | 650 | 650 | 649 | 649 | 649 |
| Date | 10/1/1976 | 5/13/1976 | 10/1/1976 | 6/14/1976 | 10/1/1976 | 6/20/1984 | 5/29/1984 | 5/29/1984 | 6/20/1984 | 8/7/1981 | 8/7/1981 | 6/20/1984 | 5/23/1984 | 6/20/1984 | 5/23/1984 | 7/7/1984 | 5/29/1984 | 5/29/1984 | 6/20/1984 | 5/23/1984 |
| Original Lessee | SHENANDOAH OIL CORPORATION | W R GRAY | SHENANDOAH OIL CORPORATION | C M FLEETWOOD | SHENANDOAH OIL CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | АМАРАЯКО РЕОРИСТТОМ СОМРАМҮ | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY |
| Original Lessor | JAMES A BLAKEMORE JR. BETTY JANE FEITELSON AND JOYCE ELEINE YEAGER FORMERLY JOYCE ELEINE ELLIS S/P/A JOYCE ELEYNE YEAGER | LOUIS BRUCE JOHNSON, WENDY RENEE JOHNSON AND DEANNA GAIL JOHNSON | MILTON H BLAKEMORE | PAUL G EDIGER AND SARA EDIGER HIS WIFE | THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT | E R JONES JR AND BETTY JONES HIS WIFE | ELBERT CARTER AND CHAROLETTE CARTER HIS WIFE | ELIZABETH P LARCHIAN AND HARRY LARCHIAN HER HUSBAND | GERTRUDE B BROWN A WIDOW, L BARR BROWN A MARRIED MAN DEALING IN HIS OWN SEPARATE PROPERTY AND LOVA JO BARNES, SINGLE | GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES, SINGLE | GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES, SINGLE | GERTRUDE B BROWN, L BARR BROWN A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY AND LOVA JO BARNES SINGLE | IANE B HAYDEN AND BETHALTA PATTERES OF THAUSTERES OF THE TRUST FUND A, TRUST FUND B AND TRUST FUND C UNDER THE TERMS & PROVISIONS OF THE LAST WILL AND TESTAMENT OF VIRGINIA MORRISON DECEASED | JEAN MARGARET PARSONS AND WAYNE PARSONS HER HUSBAND | JOHN S WRIGHT AND LUCILLE W WRIGHT HIS WIFE | M C MORRISON A SINGLE MAN | RICHARD C CARTER AND PAM CARTER HIS WIFE | ROBERT S CARTER AND ANITA CARTER HIS WIFE | RUTH WOOLEY MCDONALD A WIDOW | THOMAS C WRIGHT JR A SINGLE MAN |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 31845004 | 31849000 | 318450001 | 32024000 | 31845003 | 31996001 | 31986003 | 31986006 | 31996004 | 31857000 | 31858000 | 31995000 | 31986001 | 31996002 | 31993002 | 31987007 | 31986005 | 1009861E | 31996003 | 10056615 |

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| Footnote | m | в | 3, 11 | m | 3 Force Pooling Order No. 233772 | 3, 8 | ю | n | 3 Force Pooling Order No. 233772 | m | m | e | m | e | e | 3 Force Pooling Order No. 233772 | 3, 8 | 3 Force Pooling Order No. 233772 |
|-------------------|--|-----------------------------|----------------------------------|--|---|--------------------------------|---|---|---|--------------------------------|---|---|--|--|--|--|---|---|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM Sec 20: E/2 NE/4: NE/4 SE/4 | 4N-21ECM Sec. 21: NE/4 | 4N-21ECM Sec. 25: SE/4 | 4N-21ECM Soc. 28: SVV/4; SVV/4 NVV/4; E/2 NVV/4; NE/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: SW/4; SW/4 NW/4; EZ NW/4; NE/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: SW/4; SW/4; E/2 NW/4; NE/4 | 4N-21ECM Sec 28: NW/4 | 4N-21ECM Sec. 28: NE/4; SVV/4; E/2 NVV/4; SVV/4 NVV/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec 28: EZ NW/4 | 4N-21ECM Sec 28: E/2 NW/4 | 4N-21ECM Sec 28: SW/4 |
| Concatenate | 4N21ECM20 | 4N21ECM21 | 4N21ECM25 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM2B | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 |
| Section | 50 | 21 | 25 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 58 | 28 | 28 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | 4N | N4 | 4N | 4N | N4 | 4N | 4N | 4N | N4 | 4N | 4N | 4N | 4N | 4N | N4 | N4 | 4N | N4 |
| Page | 254 | н | 26 | 604 | N/A | N/A | 409 | 236 | 615 | 653 | m | 141 | 410 | 393 | 143 | N/A | N/A | N/A |
| Book | 650 | 1014 | 546 | 588 | N/A | N/A | 584 | 592 | 608 | 608 | 594 | 592 | 591 | 584 | 592 | N/A | N/A | N/A |
| Date | 5/21/1984 | 9/2/1998 | 12/9/1980 | 6/21/1982 | 2/23/1983 | 2/23/1983 | 4/15/1982 | 7/27/1982 | 2/14/1983 | 2/8/1983 | 8/11/1982 | 7/26/1982 | 7/27/1982 | 4/18/1982 | 7/27/1982 | 2/23/1983 | 2/23/1983 | 2/23/1983 |
| Original Lessee | ANADARKO PRODUCTION COMPANY | T S DUDLEY LAND COMPANY INC | MCFARLAND EXPLORATION COMPANY | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC |
| Original Lessor | WILLIAM B POWERS AND JEANNETTE POWERS AKA JEANNE L POWERS HIS WIFE (WILLIAM B POWERS SOLE HEIR OF EUGENE S POWERS DECEASED) | | ESTHER L HANSHU | ALBERT HERBEL AND WIFE HELEN HERBEL | SWLING ANN BOWLING | ANN BOWLING | ARVEL JONES AND MARTHA JONES HIS WIFE | BERNICE M ANDERSON A SINGLE PERSON AND HEIR TO WALTER M ANDERSON DECEASED | BERTHA V BARR A WIDOW | DELLA E BARR A WIDOW | DELLA JEAN HILBURN AND JERRY HILBURN HER HUSBAND | DR RALPH H FLESHER AND BEVERLY H FISHER HUSBAND AND WIFE | EARL LANDERSEN A MARRIED PERSON ACTING INDIVIDUALLY AND HEIR OF WALTER M ANDERSON DECEASED | ELIZABETH L BURDGE AND GEORGE BURDGE HER HUSBAND | ELVA FAYE CLARK A SINGLE PERSON AND HEIR TO WALTER M ANDERSON DECEASED | FIDEUTY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT | FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT | FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT |
| Agreement Type | S | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST |
| Agreement # | 31986002 | 32165032 | 31820000 | 33283015 | 33283035 | 33283035 | 33283004 | 33283029 | 33283032 | 33283033 | 33283031 | 33283016 | 33283030 | 33283012 | 33283028 | 33283024 | 33283024 | 33283024 |

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| Agreement Type Original Lessor | Original Le | ssor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|---|---|----------------------|-----------------|------------|------|------|----------|-------|---------|-------------|--|--------|---|
| FORCE POOLED INTEREST PARKES TRUST AGREEMENT PARKES TRUST AGREEMENT | | FUNK EXPLORAT | 10N INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST FIDELITY BANK AS TRUSTEES FOR THE FUNK EXPLORATION INC PARKES TRUST AGREEMENT | FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT | FUNK EXPLORAT | 10N INC | 2/23/1983 | N/A | N/A | Å | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SV/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST FIDELITY BANK AS TRUSTEES FOR THE FUNK EXPLORATION INC PARKES TRUST AGREEMENT | | FUNK EXPLORATIC | ON INC | 2/23/1983 | N/A | N/A | AN | 21ECM | 28 | 4N21ECM28 | Sec | BEAVER | в |
| FORCE POOLED INTEREST PARKES TRUST AGREEMENT | | FUNK EXPLORATIO | N INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SW/4 NW/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST FIDELITY BANK AS TRUSTEES FOR THE FUNK EXPLORATION INC PARKES TRUST AGREEMENT | FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT | FUNK EXPLORATIO | UNI 7 | 2/23/1983 | N/A | N/A | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 3,8 |
| LEASE - OIL AND GAS FRANK OGDEN AND GLORIA OGDEN HIS FUNK EXPLORATION WIFE | | FUNK EXPLORAT | NO | 4/15/1982 | 584 | 391 | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4: E/2 NW/4: SW/4: SW/4 NW/4 | BEAVER | m |
| LEASE - OIL AND GAS GERTRUDE B BROWN A WIDOW FUNK EXPLORATION | | FUNK EXPLORATIO | Z | 11/19/1982 | 603 | 239 | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: E/2 NW/4; NW/4; NW/4; SW/4; SW/4 NW/4 | BEAVER | Э |
| LEASE - OIL AND GAS HOME-STAKE OIL & GAS COMPANY JAMES H HUTCHISON | | JAMES H HUTCHIS | N | 3/12/1980 | 533 | 69 | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4; SV//4; E/2 NV//4; SV//4 NV//4 | BEAVER | ß |
| LEASE - OIL AND GAS HOME-STAKE ROYALTY CORP JAMES H HUTCHISON | | JAMES H HUTCHIS | ZO | 3/12/1980 | 533 | 16 | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4 | BEAVER | Ð |
| LEASE - OIL AND GAS HUBERT K ELROD AND HELEN ELROD HIS FUNK EXPLORATION WIFE | | FUNK EXPLORATIO | z | 4/16/1982 | 583 | 798 | 4N | 21ECM | 28 | 4N21ECM28 | Sec. 28: SW/4; 5 | BEAVER | m |
| LEASE - OIL AND GAS JANET DAVIS DEALING IN HER SOLE AND FUNK EXPLORATION SEPARATE PROPERTY | | FUNK EXPLORATION | 7 | 1/12/1983 | 608 | 651 | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4: E/2 NW/4: SW/4: NW/4 | BEAVER | m |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | | FUNK EXPLORATION IN | υ | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SW/4 NW/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | | FUNK EXPLORATION INC | | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: SW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST JEAN HINSHAW FUCK EXPLORATION INC | JEAN HINSHAW | FUNK EXPLORATION INC | | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | U S | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | | FUNK EXPLORATION IN | U | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SW/4 | BEAVER | З, В |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | | FUNK EXPLORATION IN | υ | 2/23/1983 | NA | N/A | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Soc 28: E/2 NW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | JEAN HINSHAW | FUNK EXPLORATION IN | ų | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Soc 28: E/2 NW/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST JEAN HINSHAW FORCE POOLED INTEREST | | FUNK EXPLORATION IN | с <u>у</u> | 2/23/1983 | NA | N/A | AN A | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC | JEAN HINSHAW | FUNK EXPLORATION I | UZ | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 3,8 |

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| Footnote | 3 Force Pooling Order No. 233772 | я 3,8 | с 3 | | 3 Force Pooling Order No. 233772 | R 3,8 | e E | е | я 3,8 | 3 R Force Pooling Order No. 233772 | 3 R Force Pooling Order No. 233772 | а, в | 3 R Force Pooling Order No. 233772 | R 3,8 | R 3,8 | 3 R Force Pooling Order No. 233772 |
|-------------------|---|--------------------------------|---|--|---|----------------------------|--|---|---------------------------|---|---|---------------------------|---|--------------------------------|------------------------------|---|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM Sec. 28- NW/4 NW/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NE/4: SW/4: NW/4: E/2 NW/4 | 4N-21ECM Sec. 28: SW/4; SW/4 NW/4; E/2 NW/4; NE/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NVV/4 | 4N-21ECM Sec. 28: NE/4: SW/4: E/2 NW/4: SW/4 NW/4 | 4N-21ECM Soc. 28: E/2 NW/4; NW/4; NW/4; SW/4; SW/4 NW/4 | 4N-21ECM Sec. 28: NE/4 | 4N-ZIECM Soc. 28: NE/4 | 4N-ZIECM Sec 28: SW/4 | 4N-21ECM Sec. 28: SW/4 | 4N-21ECM See 28: SW/4 NW/4 | 4N-21ECM Sec. 28: SV/4 NW/4 | 4N-21ECM Sec 28: E/2 NW/4 | 4N-21ECM Sec.28: E/2 NW/4 |
| Concatenate | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 |
| Section | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | N4 | Nħ | 4N | N4 | 4N | 4N | N4 | N4 | N4 | N4 | 4N | 4N | N4 | 4N | 4N | N4 |
| Page | NA | N/A | 800 | 361 | NIA | N/A | 68 | 241 | N/A | N/A | NIA | N/A | NIA | N/A | N/A | N/A |
| Book | N/A | N/A | 583 | 592 | NIA | N/A | 533 | 603 | N/A | NIA | NIA | N/A | NIA | N/A | N/A | NIA |
| Date | 2/23/1983 | 2/23/1983 | 4/15/1982 | 7/22/1982 | 2/23/1983 | 2/23/1983 | 3/12/1980 | 11/19/1982 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 |
| Original Lessee | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | JAMES H HUTCHISON | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC |
| Original Lessor | JOE MARK MYERS | JOE MARK MYERS | JOHN BOARD AND MERLENE BOARD HIS WIFE | JOY GILL AKA JOYCE GILL A WIDOW LIFE TENANT | KAYE SIPE ET AL | KAYE SIPE ET AL | KERSHAW PROPERTIES A CO- PARTNERSHIP | L BARR BROWN AKA LLOYD B BROWN A MARRIED MAN ACTING INDIVIDUALLY | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE | LEE BLAKE ESTATE |
| Agreement Type | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST |
| Agreement # | | 33283037 | 33283005 | 33283017 | 3328034 | 3328034 | 33283011 | 33283003 | 33283022 | 33283022 | 33283022 | 33283022 | 33283022 | 33283022 | 33283022 | 33283022 |

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| Footnote | 3 Force Pooling Order No. 233772 | 3,8 | 3 Force Pooling Order No. 233772 | 3,8 | 3,8 | 3 Force Pooling Order No. 233772 | 3 Force Pooling Order No. 233772 | m | в | m | 3 Force Pooling Order No. 233772 | 3,8 | E | e | n | m | 3,8 | 3 Force Pooling Order No. 233772 |
|-------------------|---|-------------------------------|---|--------------------------------|---------------------------|---|---|---|--|---|---|---------------------------------|--|--|--|---|-------------------------------|---|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM Soc 28: E/2 NW/4 | 4N-21ECM Sec. 28: E/2 NW/4 | 4N-21ECM Sec 28: SW/4 NW/4 | 4N-21ECM Sec. 28: SW/4 NW/4 | 4N-21ECM Sec. 28: NE/4 | 4N-21ECM Sec. 28: NE/4 | 4N-21ECM Sec 28: SW/4 | 4N-21ECM Sec. 28: E/2 NW/4; NE/4; NW/4 NW/4; SW/4; SW/4 NW/4 | 4N-21ECM Sec. 28: SW/4: SW/4 NW/4: E2 NW/4: NE/4 | 4N-21ECM Sec. 28: NW/4 NW/4 | 4N-ZIECM Sec. 28: NW/4 NW/4 | 4N-21ECM Sec. 28: NW//4 NW/4 | 4N-21ECM Sec. 28: E/2 NW/4: NE/4: SW/4: SW/4 NW/4 | 4N-21ECM Sec. 28: SE/4 | 4N-21ECM Sec. 28: E/2 NW/4; NE/4; SW/4; SW/4 NW/4 | 4N-21ECM Soc. 28: NE/4: SW/4 NW/4; E/2 NW/4; SW/4 | 4N-21ECM Sec. 28: E/2 NW/4 | 4N-21ECM Sec 28: E/2 NW/4 |
| Concatenate | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 | 4N21ECM28 |
| Section | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 82 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | 4N | 4N | N4 | N4 | N4 | 4N | 4N | N4 | N4 | 4N | N4 | N4 | N4 | N4 | N4 | 4N | 4N | N4 |
| Page | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 214 | 615 | 412 | N/A | N/A | 138 | 98 | 685 | 501 | N/A | N/A |
| Book | N/A | N/A | NIA | N/A | N/A | NIA | N/A | 604 | 594 | 591 | N/A | N/A | 585 | 533 | 584 | 607 | N/A | N/A |
| Date | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 2/23/1983 | 11/19/1982 | 6/24/1982 | 7/27/1982 | 2/23/1983 | 2/23/1983 | 5/18/1982 | 3/21/1980 | 5/18/1982 | 1/12/1983 | 2/23/1983 | 2/23/1983 |
| Original Lessee | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION INC | FUNK EXPLORATION | JAMES H HUTCHISON | FUNK EXPLORATION | FUNK EXPLORATION | FUNK EXPLORATION INC | FUNK EXPLORATION INC |
| Original Lessor | LEROY ESTERAK | LEROY ESTERAK | LEROY ESTERAK | LEROY ESTERAK | LEROY ESTERAK | LEROY ESTERAK | LEROY ESTERAK | LOVA JO BARNES A SINGLE WOMAN | MARTINA C SCHMITT MARRIED WOMAN ACTING INDIVIDUALLY | MILDRED O HILL A SINGLE PERSON AND HEIR OF WALTER M ANDERSON DECEASED | NEILL MYERS | NEILL MYERS | P A LYON JR AND BUENA V LYON HIS WIFE | PYRCIE P MEYERS AND HUSBAND FLOYD H MYERS | R P FULLER AND ELAINE FULLER HIS WIFE | ROBERT C DAVIS DEALING IN HIS SOLE AND SEPARATE PROPERTY | SANDRA CLUFF | SANDRA CLUFF |
| Agreement Type | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST |
| Agreement # | 33283025 | 33283025 | 33283025 | 33283025 | 33283025 | 33283025 | 33283025 | 33283002 | 33283013 | 33283027 | 33283036 | 33283036 | 33283020 | 29285000 | 33283019 | 33283018 | 33283021 | 33283021 |

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| | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-----------------------|--|----------------------|-----------|------|------|----------|-------|---------|-------------|---|--------|---|
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | NIA | N/A | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: NE/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 8 °C |
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | N/A | NA | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: SW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SW/4 | BEAVER | 3,8 |
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM See 28: SW/4 NW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| | SANDRA CLUFF | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | ZIECM | 28 | 4N21ECM28 | 4N-21ECM Soc. 28: SW/4 NW/4 | BEAVER | 3,8 |
| | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-ZIECM Sec. 28: NE4 | BEAVER | 3 Force Pooling Order No. 233772 |
| 1 | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: E/2 NV//4 | BEAVER | 3.8 |
| | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: NE/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: SW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| FORCE POOLED INTEREST | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-Z1ECM Sec. 28: SW/4 | BEAVER | 3,8 |
| FORCE POOLED INTEREST | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | N4 | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec 28: SW/4 NW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| - | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SVV/4 NVV/4 | BEAVER | 3,8 |
| | THE FLUOR CORPORATION | FUNK EXPLORATION INC | 2/23/1983 | N/A | N/A | V4 | 21ECM | 28 | 4N21ECM28 | 4N-ZIECM Soc 28: E/2 NW/4 | BEAVER | 3 Force Pooling Order No. 233772 |
| | VEDA HOLLMAN A WIDOW LIFE TENANT | FUNK EXPLORATION | 4/22/1982 | 586 | 340 | 4N | 21ECM | 28 | 4N21ECM28 | 4N-21ECM Sec. 28: SVV/4; SVV/4 E/2 NVV/4; NE/4 | BEAVER | Э |
| | ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE | DALE K LAWYER | 4/1/1978 | 492 | 16 | 4N | 21ECM | З | 4N21ECM3 | 4N-21ECM Sec. 3: Lot 4: W/2 SW/4: SW/4 NW/4 | BEAVER | m |
| | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14721 | FUNK PETROLEUM | 6/13/1978 | 509 | 172 | 4N | 21ECM | m | 4N21ECM3 | 4N-21ECM Sec. 3: Lot 3: SE/4 NW/4 | BEAVER | m |

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| Footnote | m | т | m | m | E | ß | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3,11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 3, 11 |
|-------------------|--|--|---|--|--|--|-----------------------------------|-----------------------------------|---|--|---|---|--------------------------------|--|--|--|---|---|--|--|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM Sec. 3: E/2 SW/4; W/2 SE/4 | 4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4 | 4N-21ECM Soc. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4 | 4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4 | 4N-21ECM Sec. 3: W/2 SE/4: Lot 3: E/2 SW/4: SE/4 NW/4 | 4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4; S/2 NE/4 | 4N-21ECM Sec. 36: SVV/4 | 4N-21ECM Sec. 36: SE/4 | 4N-21ECM Sec. 36: SW/4 | 4N-21ECM Sec. 36: SVV/4 | 4N-21ECM Sec. 36: NE4 | 4N-21ECM Sec 36: SW/4 | 4N-21ECM Sec. 36: NVV/4 | 4N-21ECM SECTION 36: NE/4, E/2 SW/4 | 4N-21ECM SECTION 36: NE/4, E/2 SW/4 | 4N-21ECM SECTION 36: NE/4, E/2 SW/4 | 4N-21ECM Sec 36: SW/4 | 4N-21ECM Sec. 36: NE/4 | 4N-21ECM Sec. 36: SVV/4 | 4N-21ECM Sec 36: SE/4 |
| Concatenate | 4N21ECM3 | 4N21ECM3 | 4N21ECM3 | 4N21ECM3 | 4N21ECM3 | 4N21ECM3 | 4N21ECM36 | 4N21ECM36 | 4N2IECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 | 4N21ECM36 |
| Section | m | m | m | m | m | m | 36 | 36 | 96 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 | 36 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | ZIECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | 4N | 4N | 4N | N4 | 4N | 4N | N4 | 4N | N4 | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N | 4N |
| Page | 174 | 321 | 353 | 305 | 549 | 337 | 497 | 494 | 48 | 263 | 291 | 289 | 582 | 124 | 124 | 124 | 287 | 293 | 487 | 484 |
| Book | 509 | 455 | 455 | 455 | 533 | 455 | 577 | 577 | 238 | 537 | 580 | 580 | 535 | 1157 | 1157 | 1157 | 580 | 580 | 576 | 576 |
| Date | 6/13/1978 | 10/1/1976 | 10/1/1976 | 10/1/1976 | 4/18/1980 | 10/1/1976 | 2/12/1982 | 2/12/1982 | 0851/2/2 | 7/17/1980 | 2/12/1982 | 2/12/1982 | 5/23/1980 | 5/1/1997 | 5/1/1997 | 5/1/1997 | 2/22/1982 | 2/22/1982 | 2/12/1982 | 2/12/1982 |
| Original Lessee | FUNK PETROLEUM | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | ANADARKO PRODUCTION COMPANY | SHENANDOAH OIL CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | JAMES H HUTCHISON | BEREN CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY |
| Original Lessor | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14722 | | JAMES A BLAKEMORE JR, BETTY JANE FEITELSON AND JOYCE ELEINE YEAGER FORMERLY JOYCE ELEINE ELLIS S/P/A JOYCE ELEYNE YEAGER | | PAUL G EDIGER AND SARA EDIGER HIS WIFE | THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT | BETTY JO ANDERSON A SINGLE PERSON | BETTY JO ANDERSON A SINGLE PERSON | BILLY J ALLEN ATTORNEY-IN-FACT FOR MABEL 6 ALLEN, MADOREL CONG, JAMES H LONG, LOIS SCHARNHORST, LELA BOOHER, GANLON LEE SCHULTZ, LAURA LONG, DOROTHY LONG, WILMA B RUSSEL, MANNE LUCAG, DONG, BETTY SLOUACHEK LUELLA CROUSE, BELUA J MOORE, MONA ECCLES, LENORA PECK | BOBBIE R PHELPS AND CAMILLA PHELPS HUSBAND AND WIFE | CECIL F RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY, CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE | CECIL F RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY: CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE | ERNESTINE L MYERS A WIDOW | ESTELLE BEIER | JOAN GUMERMAN | LORRAINE FRANCK | LUCY E STAFFORD A MARRIED WOMAN DEALING IN HER SOLE & SEPARATE PROPERTY | LUCY E STAFFORD A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | MARY H REYNOLDS AND BILL REYNOLDS HER HUSBAND | MARY H REYNOLDS AND BILL REYNOLDS HER HUSBAND |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | TERM MINERAL DEED | TERM MINERAL DEED | TERM MINERAL DEED | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 31781002 | 31831002 | 31831001 | 31831003 | 31781003 | 31831004 | 31946009 | 31961003 | 31946014 | 31946013 | 31942004 | 31946008 | 31808000 | V/N | N/A | N/A | 31946007 | 31942003 | 31946002 | 31961001 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|----------------------------------|---|--------------------------------|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 31946011 | LEASE - OIL AND GAS | MILDRED W LEWIS TRUSTEE FOR MILDRED W LEWIS TRUST | FUNK EXPLORATION | 5/7/1982 | 584 | 389 | N4 | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec 36: SW/4 | BEAVER | 3, 11 |
| 31946005 | LEASE - OIL AND GAS | OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND | ANADARKO PRODUCTION COMPANY | 2/17/1982 | 576 | 744 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: SW/4 | BEAVER | 3, 11 |
| 31961002 | LEASE - OIL AND GAS | OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND | ANADARKO PRODUCTION COMPANY | 2/17/1982 | 576 | 741 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec 36: SE/4 | BEAVER | 3, 11 |
| 31946006 | LEASE - OIL AND GAS | RAYMOND L SMITH A/K/A RAY SMITH AND LOUISE SMITH HIS WIFE | ANADARKO PRODUCTION COMPANY | 2/12/1982 | 580 | 299 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: SW/4 | BEAVER | 3, 11 |
| 31942002 | LEASE - OIL AND GAS | RAYMOND L SMITH A/K/A RAY SMITH AND LOUISE SMITH HIS WIFE | ANADARKO PRODUCTION COMPANY | 2/12/1982 | 580 | 301 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: NE/4 | BEAVER | 3, 11 |
| 31946001 | LEASE - OIL AND GAS | RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND | ANADARKO PRODUCTION COMPANY | 2/11/1982 | 576 | 493 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: SW/4 | BEAVER | 3, 11 |
| 31942001 | LEASE - OIL AND GAS | RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND | ANADARKO PRODUCTION COMPANY | 2/11/1982 | 576 | 496 | AN | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: NE/4 | BEAVER | 3, 11 |
| 31946004 | LEASE - OIL AND GAS | RONALD J KAUP A SINGLE MAN | ANADARKO PRODUCTION COMPANY | 2/12/1982 | 576 | 480 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec 36: SW/4 | BEAVER | 3, 11 |
| 31946003 | LEASE - OIL AND GAS | VIRGINIA DAVIS WHITAKER AND HAL R WHITAKER HER HUSBAND | ANADARKO PRODUCTION COMPANY | 2/13/1982 | 576 | 482 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec 36: SW/4 | BEAVER | 3, 11 |
| 31946012 | LEASE - OIL AND GAS | WALTER J WILLIAMS & MILDRED M WILLIAMS HIS WIFE | FUNK EXPLORATION | 5/7/1982 | 585 | 61 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec 36: SW/4 | BEAVER | 3, 11 |
| 31946010 | LEASE - OIL AND GAS | WYATT H WILLIAMS JR TRUSTEE OF TRUST #1615 | FUNK EXPLORATION | 6/24/1982 | 595 | 201 | 4N | 21ECM | 36 | 4N21ECM36 | 4N-21ECM Sec. 36: SW/4 | BEAVER | 3, 11 |
| 31853003 | LEASE - OIL AND GAS | DOYLE DOLLARHIDE ET UX | ANADARKO PRODUCTION COMPANY | 8/13/1981 | 572 | 135 | 4N | 21ECM | 4 | 4N21ECM4 | 4N-21ECM SECTION 4: NE/4 | BEAVER | З |
| 31853002 | LEASE - OIL AND GAS | MORRIS ATKINSON ET AL | ANADARKO PRODUCTION COMPANY | 1861/61/8 | 563 | 565 | 4N | 21ECM | 4 | 4N21ECM4 | 4N-21ECM SECTION 4: NE/4 | BEAVER | З |
| 31853001 | LEASE - OIL AND GAS | STEVE FRANZ ET UX | ANADARKO PRODUCTION COMPANY | 1861/21/2 | 560 | 157 | 4N | 21ECM | 4 | 4N21ECM4 | 4N-21ECM SECTION 4: NE/4 | BEAVER | ß |
| 31984002 | CORRECTED LEASE - OIL AND GAS | 2 | ANADARKO PRODUCTION COMPANY | 3/13/1984 | 655 | 226 | 4N | 21ECM | ß | 4N21ECM5 | 4N-21ECM Sec. 5: SE/4 | BEAVER | 3 |
| 31984001 | LEASE - OIL AND GAS | RETTA E EHLERS AND HENRY EHLERS HER HUSBAND | ANADARKO PRODUCTION COMPANY | 3/13/1984 | 653 | 495 | 4N | 21ECM | ß | 4N21ECM5 | 4N-21ECM Soc. 5: SE/4 | BEAVER | З |
| 31876001 | CORRECTED LEASE - OIL AND GAS | ROY E SMITH AND MARGARET E SMITH HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 586 | 715 | 4N | 21ECM | ß | 4N21ECM5 | 4N-21ECM Sec. 5: Lots 1 & 2: S/2 NE/4 | BEAVER | Э |
| 31878001 | LEASE - OIL AND GAS | ROY E SMITH AND MARGARET E SMITH HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 573 | 06 | 4N | 21ECM | ß | 4N21ECM5 | 4N-21ECM Sec. 5: Lot 3 & 4; S/2 NW/4 | BEAVER | 3 |
| 31880001 | LEASE - OIL AND GAS | ROY E SMITH AND MARGARET E SMITH HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 573 | 98 | 4N | 21ECM | 5 | 4N21ECM5 | 4N-21ECM Sec. 5: SW/4 | BEAVER | m |
| 31878002 | LEASE - OIL AND GAS | THOMAS E SMITH A SINGLE MAN | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 573 | 94 | N4 | 21ECM | 5 | 4N21ECM5 | 4N-21ECM Sec. 5: Lots 3 & 4: S/2 NW/4 | BEAVER | m |
| 31876002 | LEASE - OIL AND GAS | THOMAS E SMITH A SINGLE MAN | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 586 | 711 | 4N | 21ECM | S | 4N21ECM5 | 4N-21ECM Sec 5: Lots 1 & 2: S/2 NE/4 | BEAVER | e |
| 31880002 | LEASE - OIL AND GAS | THOMAS E SMITH A SINGLE MAN | ANADARKO PRODUCTION COMPANY | 9/23/1981 | 573 | 102 | 4N | 21ECM | S | 4N21ECM5 | 4N-21ECM Sec. 5: SW/4 | BEAVER | m |
| 33256000 | LEASE - OIL AND GAS | SIMCOLC | R D DAVIS & ASSOCIATES INC | 12/18/2002 | 1094 | 435 | 4N | 21ECM | 7 | 4N21ECM7 | 4N-21ECM Sec. 7: Lot 4: SE/4 SW/4 | BEAVER | Ð |
| 33251001 | LEASE - OIL AND GAS | THOMAS E SMITH REVOCABLE TRUST THOMAS E SMITH TRUSTEE | R D DAVIS & ASSOCIATES INC | 12/18/2002 | 1094 | 443 | N4 | 21ECM | 2 | 4N21ECM7 | 4N-21ECM Soc 7: Lots 1, 2 & 3: E/2 NV/4: N/2 SE/4: NE/4: NE/4 SW/4: S/2 SE/4 | BEAVER | ε |
| 33254002 | LEASE - OIL AND GAS | X DIAMOND X LC | R D DAVIS & ASSOCIATES INC | 12/18/2002 | 1094 | 439 | N4 | 21ECM | 7 | 4N21ECM7 | 4N-21ECM Soc 7: Lots 1, 2 & 3: E/2 NW/4: N/2 SE/4: NE/4: NE/4 SW/4: S/2 SE/4 | BEAVER | ε |
| 32156008 | LEASE - OIL AND GAS | ERNEST EDIGER AND MARGARET E EDIGER HUSBAND AND WIFE | T S DUDLEY LAND COMPANY INC | 3/12/1998 | 1009 | 208 | 4N | 21ECM | 8 | 4N21ECMB | 4N-21ECM Sec. 8: 5/2 NW/4: N/2 NW/4 | BEAVER | m |
| 32156006 | LEASE - OIL AND GAS | HELEN R EDIGER WIDOW AND SOLE HEIR OF HERMAN EDIGER DECEASED | T S DUDLEY LAND COMPANY INC | 3/12/1998 | 1005 | 502 | 4N | 21ECM | 8 | 4N21ECM8 | 4N-21ECM Sec. 8: 5/2 NW/4: N/2 NW/4 | BEAVER | e |

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| Footnote | E | е | m | ε | e | ю | m | m | в | Э | ß | m | m | 3, 11 | 3, 11 | 3, 11 | 3, 11 | 11, 13 | 3, 11 | 3, 11 | 3. 11, and further limited to rights obtained under Force Pooling Order #229816. |
|-------------------|--|--|---|---|---|---|----------------------------|---|----------------------------|----------------------------|--|--|---|--|---------------------------------------|---|---|---|--|--|---|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 4N-21ECM See 8: S/2 NW/4: SW/4 | 4N-21ECM Sec. 8: N/2 NVV/4; S/2 NVV/4 | 4N-21ECM Sec. 8: NE4 | 4N-21ECM Sec. 8: SE/4 | 4N-21ECM Sec. 8: S/2 NW/4; N/2 NW/4 | 4N-21ECM Sec. 8: N/2 NW/4; NE/4; S/2 NW/4; SE/4; SW/4 | 4N-21ECM Sec 9: All | 4N-21ECM Sec.9: All | 4N-21ECM Sec 9: All | 4N-21ECM Sec 9: All | 4N-21ECM Sec 9: All | 4N-22ECM Sec. 15: SW/4 LIMITED TO THE WELL BORE OF THE JOYCE 1-15 WELL | 4N-22ECM Sec 15: SE/4 | 4N-22ECM Sec. 30: Lots 3 & 4; NE/4 SW/4; S/2 SE/4 & SE/4 SW/4 | 4N-22ECM Sec. 31: NE/4 | 4N-22ECM Sec. 31: Lots 3 & 4: E/2 SW/4 | 4N-22ECM Sec 31: Lot 1 & Lot 2: E/2 NW/4 | 4N-22ECM Sec. 31: NE/4 | 4N-22ECM Sec. 31: NE/4 | 4N-22ECM Soc. 31: Lots 1 & 2: E/2 NVV/4 | 4N:22ECM Sec 31: Lot 1 & Lot 2: EZ NW/4 |
| Concatenate | 4N21ECM8 | 4N21ECM8 | 4N21ECM8 | 4N21ECM8 | 4N21ECMB | 4N21ECM8 | 4N21ECM9 | 4N21ECM9 | 4N21ECM9 | 4N21ECM9 | 4N21ECM9 | 4N22ECM15 | 4N22ECM15 | 4N22ECM30 | 4N22ECM31 | 4N22ECM31 | 4N22ECM31 | 4N22ECM31 | 4N22ECM31 | 4N22ECM31 | 4N22ECM31 |
| Section | 8 | 8 | 8 | œ | œ | 8 | 6 | σ | 6 | თ | σ | 15 | 15 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | ä |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM | 22ECM |
| Township | 4N | 4N | 4N | N4 | N4 | 4N | 4N | N4 | N4 | 4N | N4 | 4N | N4 | 4N | N4 | 4N | N4 | 4N | 4N | N4 | N4 |
| Page | 741 | 756 | 746 | 687 | 505 | 751 | 417 | 473 | 373 | 389 | 445 | 191 | 632 | 474 | 130 | 435 | 504 | 295 | 570 | 624 | 618 |
| Book | 994 | 994 | 994 | 395 | 1005 | 994 | 455 | 455 | 457 | 455 | 455 | 32 | 222 | 576 | 535 | 594 | 689 | 580 | 598 | 165 | 662 |
| Date | 8/23/1997 | 8/15/1997 | 60/19/1997 | 2/19/1997 | 3/12/1998 | 2/19/1997 | 10/1/1976 | 10/1/1976 | 10/26/1976 | 10/1/1976 | 10/1/1976 | 4/16/1951 | 3/24/1961 | 2/11/1982 | 5/19/1980 | 7/20/1982 | 11/28/1982 | 3/23/1982 | 9/24/1982 | 6/10/1982 | 12/16/1982 |
| Original Lessee | T S DUDLEY LAND COMPANY INC | T S DUDLEY LAND COMPANY INC | T S DUDLEY LAND COMPANY INC | T S DUDLEY LAND COMPANY INC | T S DUDLEY LAND COMPANY INC | T S DUDLEY LAND COMPANY INC | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | PANHANDLE EASTERN PIPELINE COMPANY | PHILLIPS PETROLEUM COMPANY A CORPORATION | ANADARKO PRODUCTION COMPANY | D A BASH & ASSOCIATES INC | FUNK EXPLORATION | FUNK EXPLORATION INC | ANADARKO PRODUCTION COMPANY | FUNK EXPLORATION INC | FUNK EXPLORATION | FUCP DRILLING INC |
| Original Lessor | JOHN T SMITH LIVING TRUST DATED 9-1- 93, JOHN T SMITH TRUSTEE | MENNO EDIGER | NANCY S ALLEN INDIVIDUALY AND AS TRUSTEE OF THE RAY E ALLEN TRUST DATED 3-17-93 | ROY E SMITH LIVING TRUST, JOHN T SMITH & NANCY S ALLEN CO-TRUSTEES | SELMA REUSSER AKA SELMA EDIGER REUSSER AND GAIL REUSSER HER HUSBAND | THOMAS E SMITH REVOCABLE TRUST, THOMAS E SMITH TRUSTEE | | JAMES A BLAKEMORE JR, BETTY JANE FEITELSON AND JOYCE ELEINE YEAGER FORMERLY JOYCE ELEINE ELLIS S/P/A JOYCE ELEYNE YEAGER | | MILTON H BLAKEMORE | THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT | CLYDE L KILE AND RUTH M KILE, HIS WIFE | D H WALTON AND HIS WIFE MORETA J WALTON | WAYNE M WILSON AND PAT WILSON HIS WIFE | AMERICAN NATIONAL BANK OF AMARILLO | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 17167 | DORIS A WALSH | ELLEN FLY AND CLARENCE FLY HER HUSBAND | ELLEN FLY GUARDIAN OF THE ESTATE OF GRACE ALLENE WILSON AN INCOMPETENT | ERNEST L LIPPERT JR A SINGLE MAN | FARMERS UNITED COOPERATIVE POOL |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | CORRECTED LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 32156004 | 32156001 | 32156002 | 32156005 | 32156007 | 32156003 | 31871002 | 31871003 | 31871001 | 31871005 | 31871004 | 31736000 | 31747000 | 31964000 | 31965008 | 32082001 | 31975006 | 31965002 | 31965005 | 31975003 | 31975008 |

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| Footnote | ю | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28, 29 | 28, 29 | 28, 29 | 28, 29 | 28, 29 | 28, 29 | 28, 29 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
|-------------------|---|--|--|--|----------------------------|---|---|--|--|--|--|------------------------------|---------------------------|----------------------------------|-----------------------------|---|--|--|---|-------------------------------|---|---|
| County | BEAVER | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS |
| Legal Description | 4N-22ECM Sec 35: E/2: W/2 | 5N-12ECM Sec. 1: NE/4 | 5N-12ECM Sec. 1: SW/4 | 5N-12ECM Sec. 1: SE/4 | 5N-12ECM Sec. 1: SE/4 | 5N-12ECM Sec. 10: NE/4 | 5N-12ECM Sec. 10: E/2 E/2 SW/4: SE/4 | 5N-12ECM Sec 10: NVV/4; VV/2 E/2 SVV/4; VV/2 SVV/4 | SN-12ECM Sec. 11: NE/4 | 5N-12ECM Sec. 11: SEM | 5N-12ECM Sec 11: NW/4 | 5N-12ECM Sec 11: NW/4 | 5N-12ECM Sec 11: NW/4 | 5N-12ECM Sec. 11: SVV/4 | 50-11: NW/A Sec 11: NW/A | 5N-12ECM Sec. 15: NW/4 | 5N-12ECM Sec. 4: 5E/4: E/2 E/2 SW/4 | 5N-12ECM Sec. 4: W/2 E/2 SW/4: W/2 NW/4: W/2 SW/4 | 5N-12ECM Sec. 4: E/2 NW/4: NE/4 | 5N-12ECM Sec. 5: SE/4 SE/4 | 5N-12ECM Sec. 7: Lots 1 and 2: E/2 NV//4 | 5N-12ECM Sec. 7: NE/4 |
| Concatenate | 4N22ECM35 | SN12ECM1 | 5N12ECM1 | 5N12ECM1 | 5N12ECM1 | 5N12ECM10 | 5N12ECM10 | 5N12ECM10 | 5N12ECM11 | 5N12ECM11 | 5N12ECM11 | SN12ECM11 | 5N12ECM11 | 5N12ECM11 | 5N12ECM11 | 5N12ECM15 | 5N12ECM4 | 5N12ECM4 | 5N12ECM4 | SN12ECM5 | 5N12ECM7 | SN12ECM7 |
| Section | 35 | ч | 1 | Ħ | Ţ | 10 | 10 | 10 | Ħ | я | п | п | Ħ | п | я | 15 | 4 | 4 | 4 | S | 7 | 2 |
| Range | 22ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM | 12ECM |
| Township | A4 | Z | SN | SN | SN | SN | SN | S | S | ŝ | SN | ßN | SN | SN | ß | SN | SN | SN | SN | SN | SN | S |
| Page | 330 | 446 | 395 | 340 | 146 | 24 | 397 | 400 | 607 | 250 | 341 | 289 | 290 | 199 | 291 | 354 | 65 | 56 | 23 | 181 | 407 | 468 |
| Book | 405 | 294 | 294 | 251 | 257 | 257 | 294 | 294 | 251 | 233 | 251 | 257 | 257 | 232 | 257 | 232 | 244 | 244 | 244 | 251 | 294 | 294 |
| Date | 11/27/1973 | 5/15/1953 | 3/20/1953 | 3/6/1945 | 9/26/1947 | 1/25/1947 | 4/3/1953 | 4/3/1953 | 5/7/1946 | 6/12/1943 | 3/8/1945 | 12/20/1950 | 12/20/1950 | 5/29/1943 | 12/20/1950 | 2/19/1943 | 5/25/1943 | 5/25/1943 | 5/24/1943 | 10/28/1944 | 4/21/1953 | 5/19/1953 |
| Original Lessee | PAN EASTERN EXPLORATION COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | CITIES SERVICE OIL COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | G R GEAR | CITIES SERVICE OIL COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | M T DRISKO | M T DRISKO | FRANK PARKES | M T DRISKO | PANHANDLE EASTERN PIPE LINE COMPANY | H BEN COX | H BEN COX | H BEN COX | H W LONG | PANHANDLE EASTERN PIPE LINE COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY |
| Original Lessor | HELEN R JAMES JONES AND EARL S JONES HER HUSBAND | 100 mm | | JOHN H ULLOM AND MAURINE ULLOM HIS WIFE | MAGNOLIA PETROLEUM COMPANY | C R THOMAS AND MRS ETHEL W THOMAS HIS WIFE | MADGE W BEVAN ET UX | MAUD W WOODARD (NEE WOODWARD AND LJ WOODARD HER HUSBAND | GRACE I DOGGETT OGLE FORMERLY GRACE I DOGGETT AND H B OGLE HER HUSBAND | GRACE I DOGGETT OGLE FORMERLY GRACE I DOGGETT AND H B OGLE HER HUSBAND ET AL | J E HEINTZ AND MARGARET M HEINTZ HIS WIFE | LOIS LINDEMANN FRANKENBERGER | MRS FLORENCE MILLER TEBBS | S T TUCKER AND WIFE ADA P TUCKER | W F REICH JR | MAUD W WOODARD AND LJ WOODARD PANHANDLE EASTERN PIPE HER HUSBAND COMPANY | E G POLLOCK AND ANNA POLLOCK HIS WIFE | FRED L SUTTON AND BONNA L SUTTON HIS WIFE | MANNAH H WOODWARD AND J C WOODWARD HER HUSBAND | MARTHA E BACON A WIDOW | AGNES L SEALEY A SINGLE PERSON | CLAREMONT COLLEGE A CALIFORNIA CORPORATION AS TRUSTEE UNDER THE WILL OF MARIE RANKIN CLARKE |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 32105001 | 85475000 | 85474000 | 85396000 | 85395000 | 85338000 | 85214000 | 33113000 | 85302000 | 85410000 | 85263000 | 69958002 85764000 | 10082669 | 85164000 | 69958003 85265000 | 0006E0EE | 33069000 | 33068000 | 85407000 | 85384000 | 85163000 | 85461000 |

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| Agreement I ype | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|---------------------|--|--|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| - | ROY L BOOTH AND MARY E BOOTH HUSBAND AND WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 4/17/1953 | 294 | 412 | ß | 12ECM | 2 | 5N12ECM7 | 50-125CM 5cc 7: Lots 3 & 4: E/2 SW/4: SE/4 | TEXAS | 28 |
| | MARTHA E BACON A WIDOW | 5NOJ W H | 10/28/1944 | 251 | 181 | SN | 12ECM | 80 | 5N12ECM8 | 5N-12ECM Sec. 8: E/2 NE/4 | TEXAS | 28 |
| | MARY HAAR A WIDOW | CITIES SERVICE OIL COMPANY | 6/14/1943 | 244 | 179 | ß | 13ECM | 2 | 5N13ECM7 | 5N-135CM Sec 7:5E4 | TEXAS | 28 |
| | DOROTHEA CROWTHER WHITE TRUSTEE | PANHANDLE EASTERN PIPE LINE COMPANY | 1/23/1942 | 231 | 271 | SN | 14ECM | 18 | 5N14ECM18 | 5N-14ECM Sec. 18: NV/4 | TEXAS | 28 |
| - | DE MOSS RUDD A WIDOWER | PANHANDLE EASTERN PIPE LINE COMPANY | 10/14/1944 | 251 | 154 | SN | 16ECM | 10 | SN16ECM10 | | TEXAS | 28 |
| 1 | WILLIAM N HAMLIN AKA W N HAMLIN AND HATTIE B HAMLIN HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 4/25/1944 | 232 | 630 | SN | 16ECM | 12 | 5N16ECM12 | 5N-16ECM Sec. 12: SW/4 | TEXAS | 28 |
| - | BEAVER, MEADE AND ENGLEWOOD RAILROAD COMPANY | D D HARRINGTON | 7/1/1947 | 260 | 565 | ß | 16ECM | 25 | 5N16ECM25 | 5N-16ECM Sec. 25: 3.04 acres in the NE4 as more particularly described in said lease | TEXAS | 28 |
| 1 | NICHOLAS T RODGERS AND INES RODGERS HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 5/23/1944 | 232 | 632 | SN | 16ECM | 26 | 5N16ECM26 | 5N-16ECM Sec. 26: SE/4 | TEXAS | 28 |
| 1 | EMIL A MATTER AND HEDWIG MATTER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | B/31/1944 | 251 | 84 | SN | 16ECM | 4 | 5N16ECM4 | 5N-16ECM Sec: 4: NE/4 | TEXAS | 28 |
| - | EMIL A MATTER AND HEDWIG MATTER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 2/10/1941 | 210 | 14 | SN | 16ECM | 4 | 5N16ECM4 | 5N-16ECM Sec. 4: SE/4 | TEXAS | 28 |
| <u> </u> | F A SWINGER AND LINDA SWINGER HIS WIFE: AND BERT W SWINGER A WIDOWER | PANHANDLE EASTERN PIPE LINE COMPANY | 6/19/1944 | 232 | 628 | S | 16ECM | 4 | 5N16ECM4 | 5N-16ECM Sec. 4: NW/4 | TEXAS | 28 |
| | F A SWINGER AND LINDA SWINGER HIS WIFE: AND BERT W SWINGER A WIDOWER | PANHANDLE EASTERN PIPE LINE COMPANY | 6/19/1944 | 232 | 629 | 2N | 16ECM | 4 | 5N16ECM4 | 5N-16ECM Sec. 4: SW/4 | TEXAS | 28 |
| | EMIL A MATTER AND HEDWIG MATTER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 8/31/1944 | 251 | 85 | SN | 16ECM | 6 | SN16ECM9 | 5N-16ECM Sec. 9: E/2 SW/4; NW/4; E/2; NW/4 SW/4; SW/4 SW/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 12/2/1943 | 232 | 477 | SN | 17ECM | 31 | 5N17ECM31 | 5N-17ECM Sec. 31: 5/2 | TEXAS | 28 |
| LEASE - OIL AND GAS | EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE | | 12/2/1943 | 232 | 478 | SN | 17ECM | 31 | 5N17ECM31 | 50-175CM Soc. 31: NE/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | EVELYN B MENDENHALL A SINGLE WOMAN | | 2/19/1943 | 232 | 132 | SN | 17ECM | 31 | 5N17ECM31 | 5N-17ECM Sec. 31: NVV/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | B E BATEMAN AND FERNA FAYE BATEMAN HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 1/6/1942 | 232 | 77 | SN | 17ECM | 2 | 5N17ECM7 | 5N-17ECM Sec. 7: NE/4 | TEXAS | 28 |
| LEASE - OIL AND GAS | ALYCE L CURRY AKA ALICE L CURRY AND P V CURRY HER HUSBAND | ANADA | 8/27/1979 | 518 | 340 | SN | ZOECM | 10 | 5N20ECM10 | 5N-20ECM Sec 10: SE/4 | BEAVER | З, 7 |
| LEASE - OIL AND GAS | CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/4/1979 | 518 | 343 | SN | ZOECM | 10 | SN20ECM10 | 5N-20ECM Sec. 10: S/2 NW/4; SW/4 | BEAVER | З, 7 |
| LEASE - OIL AND GAS | EDNA L ELLISON A WIDOW AND DALE L LONG | | 9/4/1979 | 519 | 364 | SN | 20ECM | 10 | 5N20ECM10 | 5N-20ECM Sec. 10: SW/4 | BEAVER | 3, 7 |
| 1 | H WAYNE PETERS AND SHIRLEY PETERS HIS WIFE | | 8/27/1979 | 518 | 337 | SN | 20ECM | 10 | 5N20ECM10 | 0 | BEAVER | З, 7 |
| <u> </u> | MARY ANN BUSH AND JOHN P BUSH HER HUSBAND | RANADARKO PRODUCTION COMPANY | 9/4/1979 | 519 | 361 | SN | 20ECM | 10 | 5NZOECM10 | 5N-20ECM Sec 10: N/2 NW/4 | BEAVER | 3,7 |
| | BESSIE LOUISE COLVIN AND CHARLES COLVIN HER HUSBAND | ANADARKO PETROLEUM CORPORATION | 7/7/2000 | 1046 | 445 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | m |
| - | CECIL ADAIR CASADY AND IVAMAE CASADY HIS WIFE | ANADARKO PETROLEUM CORPORATION | 6/18/2000 | 1046 | 441 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | з |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|---|-----------------------------------|------------|-------------|------------|----------|-------|---------|-------------|--|--------|----------|
| 32013003 | LEASE - OIL AND GAS | DORIS SWAN A WIDOW | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 412 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: NE/4 SV/4 | BEAVER | Е |
| 32271003 | LEASE - OIL AND GAS | EDNA MAE CORRELL A WIDOW | ANADARKO PETROLEUM CORPORATION | 5/25/2000 | 1046 | 437 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SV/4 | BEAVER | E |
| 32023000 | LEASE - OIL AND GAS | EDNA MAY CORRELL AND ROSCOE RAY CASADY AS CO-PERSONAL REPRESENTATIVES UNDER THE WILL OF EDNA A CASADY DECEASED | ANADARKO PETROLEUM CORPORATION | 12/5/1985 | 704 | 436 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | m |
| 32012000 | LEASE - OIL AND GAS | ELSA HUEBNER A WIDOW | ANADARKO PETROLEUM CORPORATION | 11/25/1985 | 704 | 402 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec 23: SE/4 | BEAVER | в |
| 32010000 | LEASE - OIL AND GAS | FELIX HUEBNER AKA FELIX LOUIS HUEBNER A SINGLE MAN | ANADARKO PRODUCTION COMPANY | 2/21/1985 | 674 | 249 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: NW/4 | BEAVER | e |
| 32271005 | LEASE - OIL AND GAS | HAROLD OSCAR CASADY AND MARTHA LOU CASADY HIS WIFE | ANADARKO PETROLEUM CORPORATION | 5/30/2000 | 1046 | 429 | SN | 20ECM | 23 | 5NZ0ECM23 | 5N-20ECM Sec. 23: SVV/4 SVV/4 | BEAVER | m |
| 32011000 | LEASE - OIL AND GAS | JACK A SLATTEN AKA JACK SLATTEN AND VERDEEN L SLATTEN | ANADARKO PETROLEUM CORPORATION | 11/25/1985 | 704 | 398 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: NE/4 | BEAVER | m |
| 32271006 | LEASE - OIL AND GAS | JENNIFER GAIL BREDELL A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 5/25/2000 | 1046 | 431 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | ю |
| 32271001 | LEASE - OIL AND GAS | JESSE DARL CASADY AND MARY ELLEN CASADY HIS WIFE | ANADARKO PETROLEUM CORPORATION | 6/12/2000 | 1046 | 435 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SVV/4 SVV/4 | BEAVER | e |
| 32271008 | LEASE - OIL AND GAS | JULIA ELIZABETH JORDAN A WIDOW | ANADARKO PETROLEUM CORPORATION | 7/7/2000 | 1046 | 443 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SVV/4 SVV/4 | BEAVER | З |
| 32016004 | LEASE - OIL AND GAS | KAREN D BARNES A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 424 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | m |
| 32016006 | LEASE - OIL AND GAS | LARRY D PLATZ A SINGLE PERSON | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 430 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | в |
| 32016001 | LEASE - OIL AND GAS | LEE L CASADY AND EFFIE M CASADY HIS WIFE | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 415 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | e |
| 32013002 | LEASE - OIL AND GAS | M I SWAN AND MARGARET SWAN HIS WIFE | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 409 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: NE/4 SW/4 | BEAVER | e |
| 32016003 | LEASE - OIL AND GAS | PATRONS STATE BANK & TRUST COMPANY AS TRUSTEE OF THE VERA NUGEN TRUST | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 421 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | ю |
| 32016002 | LEASE - OIL AND GAS | RICHARD L CASADY SR A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 418 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | m |
| 32013001 | LEASE - OIL AND GAS | RICHARD SWAN AND ESTHER E SWAN HIS WIFE | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 406 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Soc 23: NE/4 SW/4 | BEAVER | m |
| 32016005 | LEASE - OIL AND GAS | RITA MAE ZIELKE A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 427 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SE/4 SW/4 | BEAVER | m |
| 32271004 | LEASE - OIL AND GAS | ROSCOE RAY CASADY AND ROBERTA M CASADY HUSBAND AND WIFE | ANADARKO PETROLEUM CORPORATION | 5/25/2000 | 1046 | 439 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | m |
| 32271002 | LEASE - OIL AND GAS | VIDA MARGARET NOLAND AND JAMES FRANKLIN NOLAND HER HUSBAND | ANADARKO PETROLEUM CORPORATION | 5/30/2000 | 1046 | 433 | SN | ZOECM | 23 | 5N20ECM23 | 5N-20ECM Sec. 23: SW/4 SW/4 | BEAVER | ε |
| 32022000 | LEASE - OIL AND GAS | VINNY LUBBERS A WIDOW | ANADARKO PETROLEUM CORPORATION | 11/27/1985 | 704 | 433 | SN | 20ECM | 23 | 5N20ECM23 | 5N-20ECM Sec 23: NW/4 SW/4 | BEAVER | ю |
| 32131002 | LEASE - OIL AND GAS | CLEFTON L LYNCH A SINGLE MAN | ANADARKO PETROLEUM CORPORATION | 3/5/1998 | 1002 | 91 | SN | 20ECM | 36 | 5N20ECM36 | 5N-20ECM Sec. 36: N/2 NE/4: SW/4 NE/4 | BEAVER | m |
| 32153001 | LEASE - OIL AND GAS | DANIEL EDWARD DUERSON A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY | ANADARKO PETROLEUM CORPORATION | 6/14/1997 | 066 | 442 | S | 20ECM | 36 | 5N20ECM36 | 5N-20ECM Sec. 36: W/2 | BEAVER | m |
| 32153002 | LEASE - OIL AND GAS | DORTHA LEA DUERSON A SINGLE WOMAN | ANADARKO PETROLEUM CORPORATION | 6/14/1997 | 990 1019 | 439 519 | SN | 20ECM | 36 | 5N20ECM36 | SN-20ECM Sec. 36: W/2 | BEAVER | m |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|-----------------------|--|-----------------------------------|-----------------|------|------|----------|-------|---------|-------------|---|--------|---|
| 32164001 | LEASE - OIL AND GAS | HAROLD G LOWREY AND VIRGINIA J LOWREY HUSBAND AND WIFE | ANADARKO PETROLEUM CORPORATION | 9/22/1997 | 994 | 495 | SN | ZOECM | 36 | 5N20ECM36 | 5N-20ECM Sec. 36: SE/4 | BEAVER | 3 |
| 32131001 | LEASE - OIL AND GAS | LESLIE JOHN LYNCH AND VIRGINIA LYNCH HUSBAND AND WIFE | ANADARKO PETROLEUM CORPORATION | 3/5/1998 | 1022 | 88 | SN | ZOECM | 36 | 5N20ECM36 | 5N-20ECM Sec. 36: N/2 NE/4; SE/4 NE/4; SW/4 NE/4 | BEAVER | e |
| 32164002 | FORCE POOLED INTEREST | THE NORTHERN TRUST COMPANY. TRUSTEE OF THE DAS TRUST UNDER TRUST AGREEMENT DATED JUNE 11. 1379 AND ARENDED ON MAY 15, 1987 TRUST NO. 0250054) | ANADARKO PETROLEUM CORPORATION | 4/23/1998 | NIA | N/A | S | ZOECM | 36 | SN20ECM36 | 5N-20ECM Sec 36: 5E/4 | BEAVER | 3 Force Pooling Order No. 422559 |
| 32164002 | FORCE POOLED INTEREST | THE N TRUSTE TRUST | ANADARKO PETROLEUM CORPORATION | 4/23/1998 | NIA | N/A | SN | 20ECM | 36 | 5N20ECM36 | 5N-20ECM Sec 36: 5E/4 | BEAVER | 3 Force Pooling Order No. 422559 |
| 31793000 | LEASE - OIL AND GAS | CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/13/1979 | 519 | 371 | SN | 20ECM | 6 | 5N20ECM9 | 50-20ECM Sec 9 NE/4 | BEAVER | 3,10 |
| 31794000 | LEASE - OIL AND GAS | CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE | ANADARKO PRODUCTION COMPANY | 9/13/1979 | 519 | 374 | SN | 20ECM | თ | 5N20ECM9 | 5N-20ECM Sec. 9 SW/4 | BEAVER | 3,10 |
| 31811000 | LEASE - OIL AND GAS | VICTOR H TEGARDEN AND FRECES TEGARDEN HIS WIFE | ANADARKO PRODUCTION COMPANY | 7/10/1980 | 537 | 301 | 5N | 20ECM | 6 | 5N20ECM9 | 5N-20ECM Sec. 9: SE/4 | BEAVER | 3, 10 |
| 31778002 | LEASE - OIL AND GAS | CARL M HULING | DALE K LAWYER | 3/28/1978 | 491 | 611 | SN | 21ECM | 11 | 5N21ECM11 | 5N-21ECM Sec 11: NW/4 | BEAVER | m |
| 31778001 | LEASE - OIL AND GAS | DORA NEARON A WIDOW | DALE K LAWYER | 3/28/1978 | 491 | 615 | SN | 21ECM | п | 5N21ECM11 | 5N-21ECM Sec 11: NW/4 | BEAVER | m |
| 31777000 | LEASE - OIL AND GAS | H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS WIFE | DALE K LAWYER | 4/19/1978 | 491 | 623 | SN | 21ECM | 11 | 5N21ECM11 | 5N-21ECM Sec 11: SE4 | BEAVER | m |
| 31763000 | LEASE - OIL AND GAS | H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS WIFE | DALE K LAWYER | 4/19/1978 | 491 | ,627 | SN | 21ECM | 11 | 5N21ECM11 | 5N-21ECM Sec. 11: NE/4 | BEAVER | m |
| 31764000 | LEASE - OIL AND GAS | HAROLD CHEFLBAR AND LAWERNE L TRETBAR CO-EXECUTORS OF THE ESTATE OF GLADYS J TRETBAR DECEASED, AND HAROLD C TRETBAR INDIVIDUALY AND LANGENE L INDIVIDUALY | DALE K LAWYER | <i>4/5/1978</i> | 491 | 631 | SN | 21ECM | 11 | SN21ECM11 | 5N-21ECM Sec 11: SW/4 | BEAVER | m |
| 31797000 | LEASE - OIL AND GAS | ROY C STICKLER JR AND BETTY J STICKLER HUSBAND AND WIFE | C L CARTER | 12/12/1979 | 525 | 761 | SN | 21ECM | 12 | 5N21ECM12 | 5N-21ECM Sec. 12: SW/4 | BEAVER | в |
| 31756006 | LEASE - OIL AND GAS | DALE LLONG | DALE K LAWYER | 4/3/1978 | 491 | 595 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec 13: NW/4 | BEAVER | m |
| 31756007 | LEASE - OIL AND GAS | HATTIE ASPLIN ABBOTT | DALE K LAWYER | 4/4/1978 | 491 | 597 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec 13: NW/4 | BEAVER | e |
| 32134000 | LEASE - OIL AND GAS | JAMES W KEATING AND MARLENE KEATING HUSBAND AND WIFE | CHRIS DEVINE | 2/28/1980 | 529 | 332 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec. 13: E/2 SE/4 | BEAVER | е |
| 31802001 | LEASE - OIL AND GAS | LAURA MOORE AND EUGENE MOORE HER HUSBAND | ANADARKO PRODUCTION COMPANY | 4/1/1980 | 532 | 605 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec. 13: NE/4 | BEAVER | m |
| 31802004 | LEASE - OIL AND GAS | LAURENCE WIENS AND BERTHA WIENS HIS WIFE | ANADARKO PRODUCTION COMPANY | 4/1/1980 | 535 | 262 | SN | ZIECM | 13 | 5NZ1ECM13 | 5N-21ECM Sec. 13: NE/4 | BEAVER | e |
| 31756004 | LEASE - OIL AND GAS | LOREE E CHAMPIOMONT A SINGLE WOMAN | DALE K LAWYER | 4/4/1978 | 491 | 601 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec 13: NW/4 | BEAVER | ю |
| 32135000 | LEASE - OIL AND GAS | MARLENE KEATING, ADMINISTRATIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRANZ DECEASED | CHRIS DEVINE | 2/8/1980 | 528 | 788 | SN | 21ECM | 13 | 5N21ECM13 | 5N-21ECM Sec. 13: W/2 SE/4 | BEAVER | m |

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| Footnote | m | m | e | m | m | e | ю | м | ε | в | n | e | в | ε | ε | m | ю | 3,9 | 3,9 | 3,9 | 3.9 | m | 3,9 | в'в |
|-------------------|--|--------------------------|--|--------------------------|----------------------------------|--------------------------|--|--|--|-------------------------------------|--|---|---|---|--|--|---|---|---------------------------|---------------------------|---------------------------|--|---------------------------|--|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | 5N-21ECM Sec 13: SW/4 | 5N-21ECM Sec 13: NW/4 | 5N-21ECM Sec 13: NW/4 | 5N-21ECM Sec 13: NW/4 | 5N-21ECM Sec. 13: NE/4 | 5N-21ECM Sec 13: NW/4 | 5N-21ECM Sec. 13: NE/4 | 5ec. 16: S/2 S/2 NW/4 | 5N-21ECM Sec 16: SW/4 | 5N-21ECM Sec. 16: N/2 NW/4 | 50-21ECM Sec.16: N/2 S/2 NW/4 | 50-215CM Sec. 17: NE/4 | 5N-21ECM Sec 17: SW/4 | 5N-21ECM Sec 17: NW/4 | 5N-21ECM Sec 17: SE/4 | 5N-21ECM Sec. 18: NE/4 | 5N-21ECM Sec. 21: NW/4 | 5N-21ECM Sec. 23: SW/4 | 5N-21ECM Sec. 23: SE/4 | 5N-21ECM Sec. 23: SE/4 | 5N-21ECM Sec. 23: SE/4 | 5N-21ECM Sec 23: NW/4 | 5N-21ECM Sec. 23: SE/4 | 5N-21ECM Sec. 23: NE/4 |
| Concatenate | 5N21ECM13 | 5N21ECM13 | 5N21ECM13 | 5N21ECM13 | 5N21ECM13 | 5N21ECM13 | 5N21ECM13 | 5N21ECM16 | 5N21ECM16 | 5N21ECM16 | 5N21ECM16 | 5N21ECM17 | 5N21ECM17 | 5N21ECM17 | SN21ECM17 | 5N21ECM18 | 5N21ECM21 | 5N21ECM23 | 5N21ECM23 | 5N21ECM23 | 5N21ECM23 | 5N21ECM23 | 5N21ECM23 | 5N21ECM23 |
| Section | 13 | 13 | 13 | 13 | EI | 13 | 13 | 16 | 16 | 16 | 16 | 17 | 17 | 17 | 17 | 18 | 21 | 23 | 23 | 23 | 23 | 53 | 23 | 23 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | S | SN | SN | SN | SN | SN | SN | SN | SS | SN | S | SN | SN | S | SN | S | SN | SN | SN | SN | SN | S | SN | SN |
| Page | 783 | 603 | 605 | 599 | 557 | 641 | 565 | 550 | 516 | 335 | 510 | 4 | 8 | 716 | 245 | 627 | 94 | 592 | 562 | 544 | 354 | 127 | 356 | 351 |
| Book | 528 | 491 | 491 | 491 | 533 | 491 | 533 | 465 | 465 | 446 | 465 | 541 | 541 | 519 | 501 | 527 | 533 | 491 | 492 | 488 | 490 | 545 | 490 | 456 |
| Date | 2/8/1980 | 4/4/1978 | 5/22/1978 | 4/4/1978 | 4/1/1980 | 4/4/1978 | 4/1/1980 | 1/11/1977 | 12/15/1976 | 5/10/1976 | 12/16/1976 | 9/10/1980 | 9/10/1980 | 10/22/1979 | 11/30/1978 | 2/28/1980 | 3/28/1980 | 3/30/1978 | 6/15/1978 | 6/15/1978 | 6/15/1978 | 11/4/1980 | 6/15/1978 | 11/12/1976 |
| Original Lessee | CHRIS DEVINE | DALE K LAWYER | JACK D COLLIER | DALE K LAWYER | ANADARKO PRODUCTION COMPANY | DALE K LAWYER | ANADARKO PRODUCTION COMPANY | D E DAVIS INC | D E DAVIS INC | W R GRAY | D E DAVIS INC | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | D E DAVIS INC | TEXAS OIL AND GAS CORPORATION | ANADARKO PRODUCTION COMPANY | ANADARKO PRODUCTION COMPANY | DALE K LAWYER | A E MARTIN | A E MARTIN | A E MARTIN | ANADARKO PRODUCTION COMPANY | A E MARTIN | SHENANDOAH OIL CORPORATION |
| Original Lessor | MARLENE KEATING, ADMINISTRATIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRANZ DECEASED | ROY C LONG | ROY G STICKLER JR AND BETTY J STICKLER HIS WIFE | RUBY ARNOLD | RUTH ARP AND T E ARP HER HUSBAND | RUTH L SWART | VIOLA JARRELL AND J M JARRELL HER HUSBAND | HENRY J BOESE AND THELMA BOESE HIS WIFE | HULDA I DICK AKA HULDA DICK AND N W DICK WIFE AND HUSBAND | JOHNNY DIRKS AND EVA DIRKS HIS WIFE | VERA M WINDSOR AKA VERA WINDSOR AND CHESTER F WINDSOR WIFE AND HUSBAND | ABRAM A ISAAC AND AGNES V ISAAC HIS WIFE | ABRAM A ISAAC AND AGNES V ISAAC HIS WIFE | MARLENE KEATING ADMINISTRATIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRANZ DECEASED | Howard L. Franz and Dorothy Franz, husband and wife | MARLENE KEATING ADMINISTRATIX WITH WILL ANNEXED OF THE ESTATE OF ANNA FRANZ DECEASED | L C WHISENANT AND ALICE WHISENANT HIS WIFE | CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE | DALE WAYNE PATTERSON | FLORENCE PATTERSON | GLENN R PATTERSON | LOUIS BRUCE JOHNSON, WENDY RENEE JOHNSON AND DEANNA JOHNSON PROCOPIOU, FORMERLY DEANNA GAIL JOHNSON | PAUL LEE PATTERSON | RICHARD H DORMAN AKA RICHARD DORMAN AND NEVA M DORMAN HIS WIEE |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 32136000 | 31756003 | 31756002 | 31756005 | 31802002 | 31756001 | 31802003 | 31814000 | 31813000 | 31815000 | 31812000 | 31816000 | 31817000 | 31795000 | n/a | 31796000 | 31810000 | 31776000 | 31824006 | 31824002 | 31824005 | 31818000 | 31824004 | 31830000 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------|---------------------|---|---|------------|-------|------|----------|-------|---------|-------------|---|--------|----------|
| 31824001 | LEASE - OIL AND GAS | A RICHARD DRMAN HIS | SHENANDOAH OIL CORPORATION | 11/12/1976 | 456 | 311 | SN | 21ECM | 53 | 5N21ECM23 | 5N-21ECM Sec 23: SE/4 | BEAVER | з, 9 |
| 31824003 | LEASE - OIL AND GAS | SYLVIA ESTHER PATTERSON WICKERSHAM | A E MARTIN | 6/15/1978 | 488 | 546 | SN | 21ECM | 23 | 5N21ECM23 | 5N-21ECM Sec 23: SE/4 | BEAVER | 3.9 |
| 31773000 | LEASE - OIL AND GAS | ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE | DALE K LAWYER | 4/1/1978 | 491 | 617 | SN | 21ECM | 26 | 5N21ECM26 | 5N-21ECM Sec 26: SE/4 | BEAVER | m |
| 31780000 | LEASE - OIL AND GAS | CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE | DALE K LAWYER | 3/31/1978 | 491 | 608 | SN | 21ECM | 26 | 5N21ECM26 | 5N-21ECM Sec 26: NW/4 | BEAVER | m |
| 31819000 | LEASE - OIL AND GAS | GENE R GROVE AND LILLIE P GROVE HUSBAND AND WIFE | ANADARKO PRODUCTION COMPANY | 6/6/1980 | 536 | 543 | SN | 21ECM | 26 | 5N21ECM26 | 5N-21ECM Sec. 26: NE/4 | BEAVER | m |
| 31771000 | LEASE - OIL AND GAS | BERT EARL PATTERSON COMPANY | A B POLK | 5/6/1978 | 492 | 22 | SN | 21ECM | 27 | 5N21ECM27 | SN-21ECM Sec. 27: NE/4 | BEAVER | e |
| 31806000 | LEASE - OIL AND GAS | CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT | ANADARKO PRODUCTION COMPANY | 4/7/1980 | 233 | 29 | SN | 21ECM | 27 | 5N21ECM27 | 5N-21ECM Sec 27: NW/4 | BEAVER | m |
| 31754000 | LEASE - OIL AND GAS | ELSIE PEARL JOHNSON A WIDOW | | 4/7/1978 | 486 | 120 | SN | 21ECM | 27 | 5N21ECM27 | 5N-21ECM Sec. 27: SW/4 | BEAVER | m |
| 31809000 | LEASE - OIL AND GAS | JAMES E HUSTED AND HELEN R HUSTED HIS WIFE | ANADARKO PRODUCTION COMPANY | 4/1/1980 | 533 | 552 | SN | 21ECM | 27 | 5N21ECM27 | 5N-21ECM Sec 27: SE/4 | BEAVER | ю |
| 31745000 | LEASE - OIL AND GAS | BENJAMIN WITZKE AND ANNIE WITZKE HIS WIFE | GULF OIL CORPORATION | 6/14/1949 | 28 | 205 | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec 31: Lot 4: SE/4 SW/4 | BEAVER | m |
| 31738006 | LEASE - OIL AND GAS | E DUNIGAN JR, JANRE P DUNIGAN AS TRUSTEES FOR THE MARGART SUE DUNIGAN ORIGINAL TRUST, THE W E DUNIGAN ORIGINAL TRUST, THE W E JANRE P DUNIGAN ORIGINAL TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30, 1550 | PANHANDLE EASTERN PIPELINE COMPANY | 4/18/1958 | 186 | 262 | S | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec 31: Lot: 1, 2 & 3: NE4 SW/4 | BEAVER | m |
| 31738004 | LEASE - OIL AND GAS | F A DUNIGAN AND (BESS DUNIGAN WIFE OF F A DUNIGAN) | E PANHANDLE EASTERN PIPELINE COMPANY | 4/18/1958 | . 186 | 264 | 5N | 21ECM | 31 | 5N21ECM31 | Sec. 31: Lots 1.2 & 3: NE/4 SW/4 | BEAVER | £ |
| 31738005 | LEASE - OIL AND GAS | F A DUNIGAN, J P DUNIGAN, J P BROWN, AS TRUSTEES FOR THE ROBERT TIMOTH DUNIGAN OBIONAL TRUST. THE WILLIAM DENNIS DUNIGAN ORIGINAL TRUST. THE JOHN TERANCE DUNIGAN ORIGINAL TRUST NOT THE EDWARD MICHAEL DUNIGAN ORIGINAL TRUST UNDER TRUST INSTRUMENT TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30, 1950 | PANHANDLE EASTERN PIPELINE COMPANY | 4/18/1958 | 186 | 260 | Zg | 21ECM | 31 | 5N21ECM31 | 56c 31: Lots 1, 2 & 3: NE4 SW/4 | BEAVER | m |
| 31746000 | LEASE - OIL AND GAS | MANSELL L MCNEW AND WIFE ALINE MCNEW | S E ALLISON | 8/21/1951 | 33 | 499 | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec. 31: 5/2 SE/4 | BEAVER | m |
| 31744000 | LEASE - OIL AND GAS | N W DICK AND HULDA DICK HIS WIFE | PANHANDLE EASTERN PIPELINE COMPANY | 1/22/1958 | 183 | 640 | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec. 31: NE/4: E/2 NW/4: N/2 SE/4 | BEAVER | m |
| 31738001 | LEASE - OIL AND GAS | N W DICK AND HULDA DICK HIS WIFE | PANHAND | 1/22/1958 | 184 | н | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec. 31: Lots 1, 2 & 3: NE/4 SW/4 | BEAVER | m |
| 31738003 | LEASE - OIL AND GAS | O D WILLIAMS AND MARJORIE WILLIAMS HIS WIFE | S PANHANDLE EASTERN PIPELINE COMPANY | 4/16/1958 | 185 | 223 | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec 31: Lots 1. 2 & 3: NE/4 SW/4 | BEAVER | £ |
| 31738002 | LEASE - OIL AND GAS | OSCAR HATCHER AND E C HATCHER HIS WIFE | S PANHANDLE EASTERN PIPELINE COMPANY | 4/22/1958 | 185 | 316 | SN | 21ECM | 31 | 5N21ECM31 | 5N-21ECM Sec. 31: Lots 1, 2 & 3: NE/4 SW/4 | BEAVER | B |
| 31765001 | LEASE - OIL AND GAS | HOWARD L FRANZ ET AND DOROTHY FRANZ HIS WIFE | DALE K LAWYER | 4/24/1978 | 492 | 27 | SN | 21ECM | 33 | 5N21ECM33 | 5N-21ECM Sec. 33: SV/4; NE/4; SE/4; NV//4 | BEAVER | e |

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| Footnote | m | m | m | ю | n | 3 Force Pooling Order No. 174181 | 3 Force Pooling Order No. 174181 | 3 Force Pooling Order Na. 174181 | m | 3 Force Pooling Order No. 174181 | 3 Force Pooling Order No. 174181 | 3, 4 | 3, 4 Force pooled interest under Order No. 179280 | 3, 4 | 3.4 | 3, 4 |
|-------------------|---|----------------------------|---|----------------------------|--|--|--|--|--|--|--|---|--|-------------------------------------|-------------------------------------|---|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER |
| Legal Description | SN-21ECM Sec 36: SW/4 | 5N-21ECM Sec. 36: SE/4 | 5N-21ECM Sec. 36: NE/4 | 5N-21ECM Sec 36: NW/A | 5N-21ECM Sec. 6: NW/4 | 5N-21ECM Sec. 6: SE/4 | 5N-21ECM Sec. 6: SE/4 | 5N-21ECM Sec. 6: Lots 6 & 7: E/2 SW/4: NW/4 | 50-215CM Sec. 6: Lots 1 & 2: S/2 NE/4 | 5N-21ECM Sec. 6: NW/4 | 5N-21ECM Sec. 6: SE/4 | 5N-21ECM Soc. 9: W/2 NW/4 | 5N-21ECM Sec. 9: SEM | 5N-21ECM Sec. 9: W/2 NW/4 | 5N-21ECM Sec. 9: SVV/4 | 50-21ECM 565 9: E/2 NW/4: NE/4 |
| Concatenate | 5N21ECM36 | 5N21ECM36 | 5N21ECM36 | 5N21ECM36 | 5N21ECM6 | 5N21ECM6 | 5N21ECM6 | SN21ECM6 | 5N21ECM6 | SN21ECM6 | SN21ECM6 | 5N21ECM9 | SN21ECM9 | 5N21ECM9 | 5N21ECM9 | 5N21ECM9 |
| Section | 36 | 36 | 36 | 36 | 9 | ە | ٥ | و | و | ٥ | و | თ | Ø | g | 6 | 6 |
| Range | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM | 21ECM |
| Township | Z | SN | SN | SN | SN | ZS | 2N | NS | SN | SN | SN | SN | S | SN | SN | SN |
| Page | 710 | 326 | 331 | 336 | 659 | 104 | 101 | 79 | 113 | 765 | 86 | 392 | 223 | 332 | 338 | 601 |
| Book | 549 | 456 | 456 | 456 | 521 | 531 | 531 | 531 | 521 | 530 | 531 | 446 | 504 | 446 | 446 | 532 |
| Date | 2/5/1981 | 11/12/1976 | 11/12/1976 | 11/12/1976 | 11/27/1979 | 10/11/1979 | 10/11/1979 | 10/2/1979 | 10/23/1979 | 10/17/1979 | 10/11/01 | 5/15/1976 | 11/30/1978 | 5/10/1976 | 5/10/1976 | 4/1/1980 |
| Original Lessee | ANADARKO PRODUCTION COMPANY | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | SHENANDOAH OIL CORPORATION | DAVID M DAYVAULT | BRIDGER PETROLEUM CORPORATION | BRIDGER PETROLEUM CORPORATION | BRIDGER PETROLEUM CORPORATION | DAVID M DAYVAULT | BRIDGER PETROLEUM CORPORATION | BRIDGER PETROLEUM CORPORATION | W R GRAY | TEXAS OIL AND GAS CORPORATION | W R GRAY | W R GRAY | ANADARKO PRODUCTION COMPANY |
| Original Lessor | ARCHIE VIVIAN PATTERSON AKA ARCHIE V PATTERSON AKA A V PATTERSON AND VIOLA PATTERSON HIS WIFE | | HUGH DORMAN AND VIRGINIA DORMAN HIS WIFE | ET UX | ARNOLD H REGIER AND HELEN REGIER HUSBAND AND WIFE | BETTY JEAN BODIN AND CARL EDWIN BODIN HER HUSBAND | DONALD LEE FRANZ AND JOYCE M FRANZ HIS WIFE | EDNA A REGIER AND ED L REGIER HER HUSBAND | GARY D FRANZ AND MARY A FRANZ AKA MARY FRANZ AKA MARY ANN FRANZ HIS WIFE | JOHNNY DIRKS AND EVA DIRKS HIS WIFE | MARY LOU DUERKSEN AND JOSEPH J DUERKSEN HER HUSBAND | A E BECKER, CHESTER WINDSOR AND HENRY BOESE, TRUSTEES MENNONITE CHURCH OF TURPIN OKLAHOMA- 1976 | HOWARD L FRANZ AND DOROTHY D FRANZ HUSBAND AND WIFE | JOHNNY DIRKS AND EVA DIRKS HIS WIFE | JOHNNY DIRKS AND EVA DIRKS HIS WIFE | LAURA MOORE AND EUGENE MOORE HER HUSBAND |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980 | LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980 | LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980 | LEASE - OIL AND GAS | LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980 | LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980 | LEASE - OIL AND GAS | LEASE - OIL AND GAS AS PORCE POOLED UNDER ORDER NO 179280 DATED 11/17/1980 | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS |
| Agreement # | 31823000 | 31869000 | 31870000 | 31868000 | 32110000 | 28751003 | 28781001 | 28750000 | 32109000 | 287490000 | 28751002 | 32129000 | 31902000 | 32128000 | 32130000 | 31798001 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|-------------------------|-----------------------|---|--|------------|------|------|----------|-------|---------|-------------|---|--------|--------------------------------------|
| \vdash | | | | | | | | | | | | | 3, 4 |
| 31798004 FOR | FORCE POOLED INTEREST | LAWRENCE S WIENS ET UX | FIRST NATIONAL BANK FAIRFIELD | 11/17/1980 | NA | NIA | S | 21ECM | Ø | 5N21ECM9 | 5N-21ECM Sec 9: NE4: E2 NW | BEAVER | Force Pooling Order No. 178840 |
| 31798002 LE | LEASE - OIL AND GAS | RUTH ARP AND T E ARP HER HUSBAND | ANADARKO PRODUCTION COMPANY | 4/1/1980 | 533 | 667 | SN | 21ECM | 6 | 5N21ECM9 | 5N-21ECM Sec. 9: NE/4: E/2 NW/4 | BEAVER | 3, 4 |
| 31798003 LE | LEASE - OIL AND GAS | VIOLA JARRELL AND J M JARRELL HER HUSBAND | ANADARKO PRODUCTION COMPANY | 4/1/1980 | 533 | 561 | SN | 21ECM | 6 | 5N21ECM9 | 50-21ECM Sec. 9: NE/4: E/2 NW | BEAVER | 3, 4 |
| 33076000 LE | LEASE - OIL AND GAS | STELLA MCMURRY AND CHARLES MCMURRY HER HUSBAND | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1953 | 301 | 347 | N9 | 10ECM | 16 | 6N10ECM16 | 6N-10ECM Sec. 16: S/2 | TEXAS | 1, 26 |
| 3 | LEASE - OIL AND GAS | John M. Hardwick, Et Ux | Edwin L. Cox | 7/17/1953 | 301 | 11 | 9N | 10ECM | 16 | 6N10ECM16 | 6N-10ECM Soc 16: S/2 NW/4 | TEXAS | 1, 26 |
| 33111000 LE 60111000 | LEASE - OIL AND GAS | CHAS M PAUL & MARY K PAUL HUSBAND & WIFE | FRANK PARKES | 9/4/1952 | 257 | 541 | N9 | 10ECM | 23 | 6N10ECM23 | 6N-IOECM Sec. 23: NVV/4 | TEXAS | 28 |
| | LEASE - OIL AND GAS | ROBERT O QUIGLEY AND WIFE ROXIE B QUIGLEY. THE SAID ROBERT O QUIGLEY BEING ONE AND THE SAME PERSON AS R O OLIVICI FY | PANHANDLE EASTERN PIPE LINE COMPANY | 2/5/1952 | 257 | 407 | N9 | TOECM | 23 | 6N10ECM23 | 6N-10ECM Sec 23: SW/4 | TEXAS | 12 |
| 33025001 LE | LEASE - OIL AND GAS | VD HUSBAND BES | PANHANDLE EASTERN PIPE LINE COMPANY | 2/6/1952 | 257 | 410 | 9N | 10ECM | 24 | 6N10ECM24 | 6N-10ECM Sec. 24: SW/4 | TEXAS | 12 |
| 33024000 LE | LEASE - OIL AND GAS | FLOYD V SHRAUNER AND WIFE ROBERTA SHRAUNER | PANHANDLE EASTERN PIPE LINE COMPANY | 2/16/1952 | 257 | 417 | 6N | 10ECM | 24 | 6N10ECM24 | 6N-10ECM Sec. 24: N/2 NW/4; NE/4; S/2 NW/4; SE/4 | TEXAS | 12 |
| 33080000 | LEASE - OIL AND GAS | THE ATCHISON, TOPEKA AND SANTA FE PANHANDLE EASTERN PIPE RAILWAY COMPANY COMPANY | PANHANDLE EASTERN PIPE LINE COMPANY | 4/8/1959 | 310 | 637 | N | 10ECM | 24 | 6N10ECM24 | 6N-10ECM Sec. 24: 0.55 Acres in the NE/4; 7.59 Acres in the NW/4 and 3.04 Acres in the SW/4, all as more fully described in the lease | TEXAS | 12 |
| 33025002 LE | LEASE - OIL AND GAS | THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS | PANHANDLE EASTERN PIPE LINE COMPANY | 3/6/1953 | 294 | 366 | 9 | 10ECM | 24 | 6N10ECM24 | 6N-10ECM Sec 24: SW/4 | TEXAS | 12 |
| 33118000 LE | LEASE - OIL AND GAS | COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE NO. OSEI-809 | GULF OIL CORPORATION | 10/10/1955 | 305 | 233 | Z9 | 11ECM | 17 | 6N11ECM17 | 6N-11ECM Soc. 17: SW/4 | TEXAS | 28 |
| 33054002 LE | LEASE - OIL AND GAS | EDDIE F TUCKER AND LILLIAN PEARL TUCKER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/26/1954 | 301 | 407 | 6N | 11ECM | 17 | 6N11ECM17 | 6N-11ECM Sec. 17: Lot 1 & 2: S/2 NE/4 | TEXAS | 12 |
| 33116000 LE | LEASE - OIL AND GAS | RAY STUDEBAKER AND FLORENCE STUDEBAKER HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 11/11/1954 | 301 | 398 | 9N | 11ECM | 17 | 6N11ECM17 | 6N-11ECM Sec. 17: Lots 3 & 4: S/2 NW/4 | TEXAS | 28 |
| 33079000 | LEASE - OIL AND GAS | THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY | | 4/8/1959 | 310 | 626 | 9N | 11ECM | 17 | 6N11ECM17 | 6N-11ECM Sec. 17: 2.95 Acres in the NW/4, more fully described in the lease | TEXAS | 12 |
| 33054001 LE | LEASE - OIL AND GAS | W GLENN MUNCY AND NELLIE LEE MUNCY HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 12/17/1954 | 301 | 410 | 9N | 11ECM | 17 | 6N11ECM17 | 6N-11ECM Sec. 17: Lot 1 & 2: S/2 NE/4 | TEXAS | 12 |
| 33077000 LE | LEASE - OIL AND GAS | ESSIE A HERSHBERGER A WIDOW | PANHANDLE EASTERN PIPE LINE COMPANY | 8/20/1955 | 301 | 448 | Ng | 11ECM | 35 | 6N11ECM35 | 6N-11ECM Soc. 35: N/2 SE/4; NE/4 | TEXAS | 12 |
| 69952003 Lf | LEASE - OIL AND GAS | AUGUST EDDY | W C PEERY | 2/7/1950 | 257 | 261 | Ng | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: N/2 SE/4: SE/4 SE/4 | TEXAS | 28 |
| 85397000 Lt | LEASE - OIL AND GAS | C A SWARTZ AND HELEN SWARTZ HIS WIFE | H BEN COX | 5/24/1943 | 244 | 4 | 6N | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec 25: SW/4 | TEXAS | 28 |
| 85274000 LI | LEASE - OIL AND GAS | EFFIE M OWINGS STOUFFER AND MYRON STOUFFER WIFE AND HUSBAND | PANHANDLE EASTERN PIPE LINE COMPANY | 3/7/1945 | 251 | 374 | 9N | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: SW/4 SE/4 | TEXAS | 28 |
| 69952004° LI | LEASE - OIL AND GAS | HELENA V LONG AND DAVID LONG HER HUSBAND | W C PEERY | 1/16/1950 | 257 | 259 | 6N | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: N/2 SE/4; SE/4 | TEXAS | 28 |

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| Origina | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|--|----------------------------------|-----------------------|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| LELA АRNAMAN POWELL AND LEROY D POWELL НЕЯ НИЗВАЛЮ: EVELYN BARTIK АND АRTHUR P BARTIK НЕЯ НИЗВАЛО: FERN BARTIK AND ИLLIE F BARTIK НЕЯ HUSBAND HUSBAND | W C PE | ERY | 1/14/1950 | 257 | 260 | Ng | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec 25: N/2 SE/4: SE/4 SE/4 | TEXAS | 28 |
| MARY C KLAPMEYER AND RAY M PANHANDLE EASTERN PIPE LI KLAPMEYER HER HUSBAND COMPANY | PANHANDLE EAS | TERN PIPE LINE ANY | 9/16/1944 | 251 | 143 | N9 | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: NE/4 | TEXAS | 28 |
| ANN | W C PEEI | 34 | 2/3/1950 | 257 | 262 | N8 | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: N/2 SE/4: SE/4 SE/4 | TEXAS | 28 |
| WILLIAM ARTHUR ENZ AND ROBERT W C PEERY EUGENE ENZ | W C PEER | > | 4/21/1950 | 257 | 272 | N9 | 12ECM | 25 | 6N12ECM25 | 6N-12ECM Sec. 25: NW/4 | TEXAS | 28 |
| REX MCCLURE AND LOIS MCCLURE HIS PANHANDLE EASTERN PIPE LINE WIFE COMPANY | | PIPE LINE | 3/3/1945 | 251 | 387 | Zg | 12ECM | 29 | 6N12ECM29 | 6N-12ECM Sec. 29: SW/4 | TEXAS | 28 |
| ELLA DOHRMANN A WIDOW: BERTHA SHAFFER STARGEL AND CECIL D STARGEL HER HUSBAND ET AL STARGEL HER HUSBAND ET AL | PANHANDLE EASTERN COMPANY | I PIPE LINE | 4/9/1953 | 294 | 414 | Ng | 12ECM | 31 | 6N12ECM31 | 6N-12ECM Sec. 31: N2 | TEXAS | 28 |
| ETHEL F FELDHAUS AND JOHN E PANHANDLE EASTERN PIPE LI FELDHAUS HER HUSBAND: AND LENA COMPANY FRICKE A WIDOW | PANHANDLE EASTERN COMPANY | PIPE LINE | 4/9/1953 | 294 | 417 | 8N | 12ECM | 31 | 6N12ECM31 | 6N-12ECM Sec 31: S/2 | TEXAS | 28 |
| GORDON QUILTER AND HIS WIFE RUTH WALTER KUHN M QUILTER | WALTER KUHN | - | 6/18/1954 | 252 | 278 | N9 | 12ECM | 32 | 6N12ECM32 | 6N-12ECM Sec. 32: SW/4 NE/4 | TEXAS | 28 |
| HENRY E STROBEL AND MARIE STROBEL HIS WIFE | CITIES SERVICE OIL CO | MPANY | 6/22/1943 | 244 | 173 | N9 | 12ECM | 32 | 6N12ECM32 | 6N-12ECM Soc. 32: NW/4 | TEXAS | 28 |
| J R MCCLANAHAN AND ESTHER G PANHANDLE EASTERN PIPE L MCCLANAHAN HIS WIFE COMPANY | PANHANDLE EASTERN P COMPANY | IPE LINE | 4/23/1953 | 257 | 630 | N9 | 12ECM | 32 | 6N12ECM32 | 6N-12ECM Soc. 32: S/2 | TEXAS | 28 |
| LE TYRON AND MARY A TYRON HIS WIFE PANHANDLE EASTERN PIPE I COMPANY | | IPE LINE | 10/31/1944 | 251 | 185 | 6N | 12ECM | 32 | 6N12ECM32 | 6N-12ECM Sec. 32: N/2 NE/4; SE/4 NE/4 | TEXAS | 28 |
| | GUY S SPEAKMAN | | 6/30/1944 | 251 | 102 | 6N | 12ECM | 34 | 6N12ECM34 | 6N-12ECM Sec. 34: NW/4 | TEXAS | 28 |
| FRANK H KUHN AND ELIZA KUHN HIS PANHANDLE EASTERN PIPE I WIFE COMPANY | PANHANDLE EASTERN PII COMPANY | DE LINE | 3/21/1946 | 251 | 591 | 8N | 12ECM | 34 | 6N12ECM34 | 6N-12ECM Sec. 34: S/2 | TEXAS | 28 |
| HERMAN H DROSSELMEYER AND ALMA N DROSSELMEYER HUSBAND AND WIFE COMPANY | | PE LINE | 8/12/1943 | 232 | 334 | 6N | 12ECM | 34 | 6N12ECM34 | 6N-12ECM Sec. 34: NE/4 | TEXAS | 28 |
| A F STYLES SINGLE CITIES SERVICE OIL COMPANY | CITIES SERVICE OIL COM | PANY | 7/9/1943 | 244 | 163 | 6N | 12ECM | 36 | 6N12ECM36 | 6N-12ECM Sec. 36: E/2 | TEXAS | 27, 28 |
| COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6017 | J E WOOD | | 3/25/1946 | 260 | 175 | 6N | 12ECM | 36 | 6N12ECM36 | 6N-12ECM Sec. 36: NW/4; SW/4 | TEXAS | 28 |
| VINCENT HORNER AND ELVA V HORNER HIS WIFE, ELTON HORNER AND BEULAH HORNER HIS WIFE AND MARCELLA HORNER A SINGLE WOMAN | | | 8/4/1943 | 244 | 422 | N9 | 13ECM | 17 | 6N13ECM17 | 6N-13ECM Sec. 17: SE4 | TEXAS | 28 |
| GEORGE HAAR A SINGLE MAN | JOE E. DENH | AM | 10/5/1943 | 244 | 507 | N9 | 13ECM | 61 | 6N13ECM19 | 6N-13ECM Sec. 19: SE/4 | TEXAS | 28 |
| JOHN B DOWD AND MARY E DOWD HIS JOE E. DENHAM WIE | | AM | 10/21/1943 | 244 | 502 | 9N | 13ECM | 19 | 6N13ECM19 | 6N-13ECM Sec. 19: NW/4 | TEXAS | 28 |
| NELUE LEVALLEY AND FS LEVALLEY HER JOE E. DENHAM HUSBAND | | MM | 8/27/1943 | 244 | 417 | 6N | 13ECM | 19 | 6N13ECM19 | 6N-13ECM Sec. 19: SW/4 | TEXAS | 28 |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range | Section | Concatenate | Legal Description | County | Footnote |
|----------------------|---------------------|--|---|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 59906000 | LEASE - OIL AND GAS | VINCENT HORNER AND ELVA V HORNER HIS WIFE, ELTON HORNER AND BEULAH HORNER HIS WIFE AND MARCELLA HORNER A SINGLE WOMAN | JOE E. DENHAM | 8/4/1943 | 244 | 422 | N9 | 13ECM | 19 | 6N13ECM19 | 6N-13ECM Sec. 19: NE4 | TEXAS | 28 |
| 85435000 | LEASE - OIL AND GAS | HELEN M HOLLAND A WIDOW; ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL | FRANK PARKES | 1/6/1937 | 209 | 36 | N9 | 13ECM | 22 | 6N13ECM22 | 6N-13ECM Sec. 22: SW/4 | TEXAS | 28 |
| 85437000 | LEASE - OIL AND GAS | GEORGE E REARDON AND CLARA M REARDON HIS WIFE | REPUBLIC NATURAL GAS COMPANY | 11/1/1944 | 251 | 230 | Ng | 13ECM | 27 | 6N13ECM27 | 6N-13ECM Sec. 27: NE/4 | TEXAS | 28 |
| 85434000 | LEASE - OIL AND GAS | EDITH LEE BEATY AND FRED M BEATY HER HUSBAND | CITIES SERVICE OIL COMPANY | 2/10/1943 | 233 | 294 | N9 | 13ECM | 28 | 6N13ECM28 | 6N-13ECM Sec. 28: E/2 S/V/4: 5E/4 | TEXAS | 28 |
| 85435000 | LEASE - OIL AND GAS | HELEN M HOLLAND A WIDOW; ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL | FRANK PARKES | 1/6/1937 | 209 | 36 | N9 | 13ECM | 28 | 6N13ECM28 | 6N-13ECM Sec. 28: NE4 | TEXAS | 28 |
| 69946008 | LEASE - OIL AND GAS | ALMON ROY SHUTT AND SELMA I SHUTT HUSBAND AND WIFE | R E CRAWFORD | 12/9/1950 | 252 | 230 | 9N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 69946005 | LEASE - OIL AND GAS | EDGAR SHUTT AND GENEVA C SHUTT HIS WIFE | R E CRAWFORD | 12/22/1950 | 252 | 232 | N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 69946003 | LEASE - OIL AND GAS | EFFIE D GRINER A WIDOW AKA EFFIE GRANNER | J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN | 11/22/1946 | 252 | 138 | N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 69946004 | LEASE - OIL AND GAS | FRANK SHUTT A SINGLE MAN | J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN | 11/22/1946 | 252 | 135 | 6N | 13ECM | 30 | 6N13ECM30 | GN-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 33065000 | LEASE - OIL AND GAS | GEORGE HAAR A SINGLE MAN | JOE E. DENHAM | 10/5/1943 | 244 | 507 | N9 | TJECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: NE/4 | TEXAS | 28 |
| 69946002 | LEASE - OIL AND GAS | GRANT SHUTT A SINGLE MAN | J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN | 11/22/1946 | 252 | 137 | 6N | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 69946006 | LEASE - OIL AND GAS | HAROLD SHUTT | R E CRAWFORD | 1/2/1951 | 252 | 233 | N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SVV/4 | TEXAS | 28 |
| 69946001 | LEASE - OIL AND GAS | JOEL SHUTT AND LAURA SHUTT HUSBAND AND WIFE | J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN | 11/22/1946 | 252 | 136 | 6N | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 69971000 | LEASE - OIL AND GAS | JOHN W KELLY AND GRACE KELLY HIS WIFE | JOE E. DENHAM | 8/4/1943 | 244 | 399 | 6N | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: NW/4 | TEXAS | 28 |
| 69976000 85400000 | LEASE - OIL AND GAS | MARY HAAR A WIDOW | CITIES SERVICE OIL COMPANY | 6/14/1943 | 244 | 179 | N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SEM | TEXAS | 28 |
| 69946009 | LEASE - OIL AND GAS | MRS BERTHA E STOCKTON | R E CRAWFORD | 12/9/1950 | 252 | 229 | 8N | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30, SW/4 | TEXAS | 28 |
| 69946007 | LEASE - OIL AND GAS | STANDFORD F SHUTT AND LILLIAN I SHUTT HIS WIFE | R E CRAWFORD | 1/2/1951 | 252 | 231 | N9 | 13ECM | 30 | 6N13ECM30 | 6N-13ECM Sec. 30: SW/4 | TEXAS | 28 |
| 85401000 | LEASE - OIL AND GAS | ALBERT R JOHNSON AND MARY E JOHNSON HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | B/13/1941 | 231 | 210 | 6N | 13ECM | 31 | 6N13ECM31 | 6N-13ECM Sec. 31: SE/4 | TEXAS | 28 |
| 33065000 | LEASE - OIL AND GAS | GEORGE HAAR A SINGLE MAN | JOE E. DENHAM | 10/5/1943 | 244 | 507 | 6N | 13ECM | 31 | 6N13ECM31 | 6N-13ECM Sec. 31: W/2 | TEXAS | 28 |
| 69976000 | LEASE - OIL AND GAS | MARY HAAR A WIDOW | CITIES SERVICE OIL COMPANY | 6/14/1943 | 244 | 179 | 6N | 13ECM | 31 | 6N13ECM31 | 6N-13ECM Sec. 31: NE4 | TEXAS | 28 |
| 85403000 | LEASE - OIL AND GAS | MARY HAAR A WIDOW | CITIES SERVICE OIL COMPANY | 6/14/1943 | 244 | 143 | 6N | 13ECM | 32 | 6N13ECM32 | 6N-13ECM Sec. 32: E/2 NW/4; NE/4; W/2 NW/4; SW/4 | TEXAS | 28 |
| 85431000 | LEASE - OIL AND GAS | PEARL VANTINE AND MARK VANTINE HER HUSBAND | CITIES SERVICE OIL COMPANY | 2/18/1950 | 257 | 265 | 8N | 13ECM | 32 | 6N13ECM32 | 6N-13ECM Sec. 32: SE/4 | TEXAS | 28 |
| 85457000 | LEASE - OIL AND GAS | A B HICKS AND OLIVE MAY HICKS HIS WIFE | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1951 | 257 | 310 | 6N | 13ECM | 7 | 6N13ECM7 | 6N-13ECM Sec. 7: Lot 2 | TEXAS | 28 |
| 85513000 | LEASE - OIL AND GAS | H E RILEY AND MARGARET RILEY HIS WIFE | W W KENNEDY | 2/8/1947 | 240 | 69 | 6N | 13ECM | 7 | 6N13ECM7 | 6N-13ECM Sec. 7: Lot 1 | TEXAS | 28 |

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| Footnote | m | З | e | e | n | £ | ß | E | m | 3 Force Pooling Order No. 306679 | e | ß | 3 Force Pooling Order No. 306679 | 3 Force Pooling Order No. 306679 | ĸ | m | 2 | 28 | 28 | 28 | 28 | 28 | |
|-------------------|---|---|---|---|---|---|-----------------------------|--|---|--|--|---|---|---|---|---|-----------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------|
| County | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | BEAVER | GRANT | TEXAS | TEXAS | TEXAS | TEXAS | TEXAS | |
| Legal Description | 6N-23ECM Sec. 16: SE/4 | 6N-23ECM Sec. 16: NE/4 | 6N-23ECM Sec. 16: SW/4 | 6N-23ECM Sec. 16: SW/4 | 6N-23ECM Sec 16: NW/4 | 6N-23ECM Sec 16: NW/4 | 6N-23ECM Sec. 23: NE/4 | 6N-23ECM Sec. 23: SE/4 | 6N-23ECM Sec 23: SE/4 | 6N-23ECM Sec 23: NW/4 | 6N-23ECM Sec. 23: NW/4 | 6N-23ECM Sec 23: SW/4 | 6N-23ECM Sec 23: NW/4 | 6N-23ECM Sec 23: NW/4 | 6N-23ECM Sec 9: Lot 3 & Lot 4: S/2 SW/4 | 6N-23ECM Sec. 9: Lot 1 & Lot 2; S/2 SE/4 | 30S-35W SEC. 23: NE/4 | 4N-13ECM SEC 11: ALL | 4N-13ECM SEC 14: ALL | 4N-13ECM SEC 16: ALL | 4N-13ECM SEC 17: ALL | 4N-13ECM SEC 18: ALL | 4N-21ECM |
| Concatenate | 6N23ECM16 | 6N23ECM16 | 6N23ECM16 | 6N23ECM16 | 6N23ECM16 | 6N23ECM16 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM23 | 6N23ECM9 | 6N23ECM9 | 30S35W23 | 4N13ECM11 | 4N13ECM14 | 4N13ECM16 | 4N13ECM17 | 4N13ECM18 | |
| Section | 16 | 16 | 16 | 16 | 16 | 16 | ន | 53 | 23 | 53 | 23 | 53 | 23 | 23 | 6 | 6 | 23 | Ħ | 14 | 16 | 17 | 18 | |
| Range | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 23ECM | 35W | 13ECM | 13ECM | 13ECM | 13ECM | 13ECM | |
| Township | N9 | 6N | 9 | 9N | 9N | 6N | 9N | ß | N9 | Zg | N9 | Ŋ | Zg | Zg | N | N9 | 305 | 4N | ÅN | 4N | 4N | 4N | |
| Page | 476 | 471 | 563 | 565 | 558 | 560 | 483 | 487 | 491 | N/A | 495 | 499 | N/A | N/A | 434 | 439 | 137 | 231 | 231 | 231 | 231 | 231 | |
| Book | 713 | 713 | 714 | 714 | 714 | 714 | 713 | 713 | 713 | N/A | 713 | 713 | N/A | N/A | 713 | 713 | 74 | 233 | 233 | 233 | 233 | 233 | |
| Date | 4/23/1986 | 4/23/1986 | 5/27/1986 | 5/27/1986 | 5/27/1986 | 5/27/1986 | 4/25/1986 | 4/23/1986 | 4/24/1986 | 12/16/1986 | 4/23/1986 | 4/23/1986 | 12/16/1986 | 12/16/1986 | 4/23/1986 | 4/23/1986 | 2/1/1993 | 12/1/1943 | 12/1/1943 | 12/1/1943 | 12/1/1943 | 12/1/1943 | |
| Original Lessee | DINARDO & MARKHAM | DINARDO & MARKHAM | DINARDO & MARKHAM | DINARDO & MARKHAM | ANADARKO PETROLEUM CORPORATION | DINARDO & MARKHAM | DINARDO & MARKHAM | ANADARKO PETROLEUM CORPORATION | ANADARKO PETROLEUM CORPORATION | DINARDO & MARKHAM | DINARDO & MARKHAM | ANADARKO PETROLEUM CORPORATION | CITIES SERVICE OIL COMPANY | |
| Original Lessor | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND IESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | CLEBERNE C ELLIOT A WIDOWER | FRANK ORLIN NICHOLS AKA FRANK NICHOLS AND MARLENE M NICHOLS HUSBAND AND WIFE | GENE NICHOLS AND VIVIAN NICHOLS HUSBAND AND WIFE | GERALDA M TRAPP AND C STRAPP CO- TRUSTEES OF THE M E TRAPP JR REVOCABLE LIFETIME TRUST, EXECUTED 10-31-75 | JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE | JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE AND FEER RADCLIFF A WIDOW | LOCHBUE LTD PRTNRSHP LOUCHBUE INC | THE RESERVE PETROLEUM CO | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW | MESA OPERATING LTD PARTNERSHIP | INTER-STATE CATTLE LOAN CO | |
| Agreement Type | LEASE - OIL AND GAS | LEASE - OIL AND GAS | OPTION AGREEMENT- OIL AND GAS | LEASE - OIL AND GAS | OPTION AGREEMENT- OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | FORCE POOLED INTEREST | FORCE POOLED INTEREST | LEASE - OIL AND GAS | LEASE - OIL AND GAS | TERM MINERAL DEED | MINERAL DEED | MINERAL DEED | MINERAL DEED | MINERAL DEED | MINERAL DEED | |
| Agreement # | 32030000 | 32031000 | 32038000 | 32038000 | 32039000 | 32039000 | 32025000 | 32028001 | 32028002 | 32027004 | 32027001 | 32026000 | 32027003 | 32027002 | 32036000 | 32037000 | | 60432000 | 60432000 | 60432000 | 60432000 | 60432000 | |

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| A 4444 4444 444 | | Colored Protocol | Outstand Lances | Cato | Dool | Dana | Townshin | Dance | Cartion | Concatemate | Legal Description County | Footnote |
|-----------------|--|--|---|---|---------------------------|---------------------------|--------------------|--------------------------|--------------|----------------------------------|---|--------------|
| Agreement # | + | Original Lessor | Original Lessee | Cate | NDDD | ager | diusimo | afiny | 100000 | CONTRACTOR | | |
| | LEASE- OIL AND GAS | MILTON H. BLAKEMORE | GREEN RIVER EXPLORATION | 9/26/2001 | 1069 | 454 | 4N | 21ECM | 16 | 4N21ECM16 | SEC. 16: ALL | m |
| | LEASE- OIL AND GAS | THE YEAGER TRUST | GREEN RIVER EXPLORATION | 9/26/2001 | 1069 | 745 | 4N | 21ECM | 16 | 4N21ECM16 | 4N-21ECM BEAVER SEC. 16: ALL | ю |
| | LEASE- OIL AND GAS | THOMAS G. BLAKEMORE TRUST | GREEN RIVER EXPLORATION | 9/26/2001 | 1070 | 35 | AN | 21ECM | 16 | 4N21ECM16 | 4N-21ECM SEC. 16: ALL | з |
| | LEASE- OIL AND GAS | JAMES A. BLAKEMORE | GREEN RIVER EXPLORATION | 9/26/2001 | 1069 | 458 | 4N | 21ECM | 16 | 4N21ECM16 | 4N-21ECM BEAVER SEC. 16: ALL | 3 |
| | LEASE- OIL AND GAS | THOMAS HERRY BLAKEMORE II | GREEN RIVER EXPLORATION | 9/26/2001 | 1069 | 781 | N4 | 21ECM | 16 | 4N21ECM16 | 4N-21ECM SEC. 16: ALL | 3 |
| | LEASE- OIL AND GAS | PHYLLIS C RAHE AND MAX B RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST | FUNK EXPLORATION | 1/11/1984 | 650 | 611 | NE | 21ECM | 11 | 3N21ECM12 | 3N-21ECM SEC. 12: NE44; NW/4; SE45; SW/4 LESS AND EXCEPT A SQUARE ONE ACRE TRACT IN THE NORTH-WEST CORNER OF THE NW/4 | m |
| | | | | | 5 | FOOTNOTES | | | | | | |
| 1 | INSOFAR AND ONLY INSC (PANHANDLE EASTERN P | PFAR AS SAID CONTRACT COVERS RIGHTS B IPELINE COMPANY GOING NO. 2 SEC 35 32S- | BELOW THE BASE OF THE MISSOUN -41W). | IAN FORMATION AS | DEFINED BY | THE BASE OF | THE PLEASA | NTION SHAL | E WHICH OC | CURS AT 4,240 F | INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE MISSOUNIAN FORMATION AS DEFINED BY THE BASE OF THE PLEASANTION SHALE WHICH OCCURS AT 4,240 FT ON THE KANSAS GEOLOGICAL SOCIETY TYPE LOG FOR MORTON COUNTY, KS 1966 (PANHANDLE EASTERN PIPELINE COMPANY GOING NO. 2 SEC 35 32-4,14%). | S 1966 |
| 2 | INSOFAR AND ONLY INSC GEOLOGICAL SOCIETY TY | PFAR AS SAID CONTRACT COVERS THE RIGH PE LOG FOR THE STEVENS, GRANT, SEWARD | TTS BELOW THE TOP OF THE WABA D AND HASKELL COUNTIES 1966 (M | UNSEE GROUP WH | ICH OCCURS JCTION WM 1 | AT 3,352 FT CUTTER NO | ON THE AVAL | ON ENERGY S R36W STEV | /ENS COUN | 7 (API 15 189 213 IY KANSAS). | INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS THE RIGHTS BELOW THE VORD OF THE WABAUNSEE GROUP WHICH OCCURS AT 3.352 FT ON THE AVALON ENERGY CULISON #3 1 (API 15 189 21385) SECTION 3, T-31-S, R-35 WEST WHICH CORRELATES TO 3.360 OF THE KANSAS GEOLOGICAL SOCIETY TYPE LOG FOR THE STEVENS, GRANT, SEWARD AND HASKELL COUNTES 1966 (MOBIL UNITED PRODUCTION WM I CUTTER NO. 1 SEC 1, T315 R35W STEVENS COUNTY KANSAS). | NSAS |
| m | INSOFAR AS AND ONLY IN | INSOFAR AS AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE CI | | E GROUP, WHICH O | CURS AT 268 | 30 FT. IN THE | CROSS TIMBI | ERS OPERATI | NG CO. TAR | RANT #2-22 (API # | 425 GROUP, WHICH OCCURS AT 2680 FT. IN THE CROSS TIMBERS OPERATING CO. TARRANT #2-22 (API #3513922839) IN SECTION 22-6N-17ECM, TEXAS COUNTY, OKLAHOMA | |
| 7 | SAID LEASE EXCLUDES A | SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR TH | | ROUGH. THE FRANZ 1-9 WELL (API #3500722103) LOCATED IN SECTION 9-5N-21ECM. BEAVER COUNTY. OKLAHOM | MELL (API #2 | 3500722103) | LOCATED IN | SECTION 9-5 | N-21ECM, B | EAVER COUNTY, C | манам | |
| ы | FOOTNOTE #5- SAID LEA: | FOOTNOTE #5- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU | ST TO, AND RIGHTS TO PRODUCE F | ROM OR THROUGH. | THE JOHNSO | N D-1 WELL | (API #350072 | 4810) LOCAT | ED IN SECTI | ON 2-4N-21ECM, | CE FROM OR THROUGH, THE JOHNSON D-1 WELL (API #3500724810) LOCATED IN SECTION 2-4N-21ECM, BEAVER COUNTY, OKLAHOMA | |
| و | FOOTNOTE #6- SAID LEA: | FOOTNOTE #6- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU | ST TO, AND RIGHTS TO PRODUCE F | ROM OR THROUGH. | דאב טונטב א | ELL (API #35 | 00722976) LC | CATED IN SE | CTION 21-3 | N-22ECM, BEAVE | CE FROM OR THROUGH. THE LILLIE WELL (API #3500722976) LOCATED IN SECTION 21-3N-22ECM, BEAVER COUNTY, OKLAHOMA | |
| 2 | FOOTNOTE #7- SAID LEA: | FOOTNOTE #7- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU | ST TO, AND RIGHTS TO PRODUCE F | ROM OR THROUGH. | THE PETERS. | A1 WELL (AF | n #35007216- | 43) LOCATED | IN SECTION | 10-5N-20ECM, BE | CE FROM OR THROUGH, THE PETERS A1 WELL (API #3500721643) LOCATED IN SECTION 10-5N-20ECM, BEAVER COUNTY, OKLAHOMA | |
| ω | FOOTNOTE #8- FORCE POOLED INTEREST ONLY | JOLED INTEREST ONLY | | | | | | | | | | |
| ത | FOOTNOTE #9- SAID LEA | FOOTNOTE #9- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU | ST TO, AND RIGHTS TO PRODUCE F | ROM OR THROUGH | THE JOHNSO | N C1 WELL (| API #3500724 | 1330) LOCATE | ED IN SECTIO | 0N 23-5N-21ECM. | CE FROM OR THROUGH, THE JOHNSON C1 WELL (API #3500724330) LOCATED IN SECTION 23-5N-21ECM, BEAVER COUNTY, OKLAHOMA | |
| 10 | FOOTNOTE #10- SAID LE | FOOTNOTE #10- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PROD | | FROM OR THROUG | 4, THE WINDS | OR C 1 WEL | L (API #35007 | 24065) LOCA | TED IN SEC | rion 9-5N-20ECM | JCE FROM OR THROUGH. THE WINDSOR C 1 WELL (API #3500724065) LOCATED IN SECTION 9-5N-20ECM. BEAVER COUNTY, OKLAHOMA | |
| п | LESS AND EXCEPT THE B. ORDER NO. 410690 (CAU: | U POOL ENHANCED RECOVERY UNIT, FORMEI SE CD NO. 960002866) ISSUED BY THE CORP | ED AND GOVERNED BY THAT CERTA PORATION COMMISSION OF THE ST. | IN PLAN OF UNITIZA ATE OF OKLAHOMA | TION FOR TH | E DEVELOPN | IENT AND OP | ERATION OF | THE BJ POOL | ENHANCED REC | LESS AND EXCEPT THE BI POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITZATION FOR THE DEVELOPMENT AND OPERATION OF THE BI POOL ENHANCED RECOVERY UNIT, BEAVER COUNTY, OKLAHOMA, EFFECTIVE AS OF MAY 1, 1997, AS DEFINED IN ORDER NO. 410699 (CAUSE ON 0.960002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA. | S DEFINED IN |
| 11 | LIMITED TO THE MORROV STRATIGRAPHIC EQUIVAI | W FORMATION AS ENCOUNTERED BETWEEN LENTS THEREOF AS DEFINED IN THE DIL-SFL | V THE DEPTHS OF 6504' AND 6888' - LOG OF THE LEROY 1-31 WELL LOV | BELOW THE SURFA CATED IN THE SW S | CE AND THE W OF SECTIO | STRATIGRAP N 31-4N-22E | HIC EQUIVAL CM. | ENTS THERE(| JF AND THE | ENTIRE CHESTER | LIMITED TO THE MORROW FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6504" AND 6888" BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888" AND 7380" AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888" AND 7380" AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888" AND 7380" AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AS DEFINED IN THE DEFTHE OF THE LEROY 1-31 WELL LOCATED IN THE SURFACED IN THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888" AND 7380" AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AS DEFINED IN THE DEPTHS OF 6488" AND 7380" AND 748 | AND THE |
| 13 | LIMITED IN DEPTH FROM 22ECM. | BELOW THE BASE OF THE CHASE FORMATIC | ON AS DEFINED IN FOOTNOTE 3 TO | THE BASE OF THE (| HESTER FOR | MATION WH. | ICH IS ENCON | INTERED AT / | DEPTH OF | 7380' AS DEFINED | LIMITED IN DEPTH FROM BELOW THE BASE OF THE CHASE FORMATION AS DEFINED IN FOOTNOTE 3 TO THE BASE OF THE CHESTER FORMATION WHICH IS ENCOUNTERED AT A DEFITH OF 7380' AS DEFINED IN THE LEROY #1-31 WELL LOCATED IN THE SW/4 SW/4 OF SECTION 31-4N- 22ECM. | 10N 31-4N- |
| 14 | LESS AND EXCEPT THE H | ITCH UNIT WELLS CONVEYED TO CISCO OPI | PERATING, LLC IN THAT CERTAIN AS | SIGNMENT, CONVER | 'ANCE AND B | ILL OF SALE I | DATED JULY 1 | . 2010 REECC | RDED IN VO | JLUME 632, PAGE | LESS AND EXCEPT THE HITCH UNIT WELLS CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANISAS | |
| 15 | LESS AND EXCEPT THE G COUNTY, KANSAS | UTTRIDGE F3 WELL AND THE ETZOLD UNIT : | SOUTH 5-4 AND 4-3 WELLS CONVE | PED TO CISCO OPE | ATTING, LLC II | N THAT CER | FAIN ASSIGNN | AENT, CONVE | YANCE AND | BILL OF SALE DA | LESS AND EXCEPT THE GUTTRIDGE F3 WELL AND THE ETZOLD UNIT SOUTH 5-4 AND 4-3 WELLS CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS | F SEWARD |
| | | | | | | | | | | | | |

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| Agreement # | Agreement Type Original Lessor Original Lessoe Date Book Page Township Range Section Concatenate Legal Description County Footnote |
|-------------|--|
| 16 | LESS AND EXCEPT THE MAXWELL B-2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 17 | LESS AND EXCEPT THE BROWN APC B-1 WELL CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 18 | LESS AND EXCEPT THE MCGILL A 2-10 AND A 3-10 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 19 | LESS AND EXCEPT THE ALEXANDER A 2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 20 | LESS AND EXCEPT THE GUTTRIDGE 28 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1. 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 21 | LESS AND EXCEPT THE LENEHAN A-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS |
| 22 | LESS AND EXCEPT THE MAYBERRY B-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS |
| 33 | LESS AND EXCEPT THE NORDIKE 1 WELL CONVERED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS |
| 24 | LESS AND EXCEPT THE BANE 1-H WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS |
| 25 | LESS AND EXCEPT THE MOORHEAD D-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS |
| 26 | SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE BOALDIN B WELL (API #3513922669) LOCATED IN SECTION 16-6N-10ECM, TEXAS COUNTY, OKLAHOMA |
| 27 | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE OKLAHOMA STATE 1 2 WELL (API #3513921276] LOCATED IN SECTION 36-6N-12ECM, TEXAS COUNTY, OKLAHOMA |
| 28 | INSOFAR AS AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE CHASE GROUP, WHICH OCCURS AT 2680 FT. IN THE CROSS TIMBERS OPERATING CO. TARRANT #2.22 (API #3513922839) IN SECTION 22-6N-17ECM. TEXAS COUNTY, OKLAHOMA |
| 29 | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE OGLE 1 WELL (API #3513935676) LOCATED IN SECTION 11-5N-12ECM, TEXAS COUNTY, OKLAHOMA |
| о́е | SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE SHIELDS WELL (API #351321555) LOCATED IN SECTION 5-4N-14ECM, TEXAS COUNTY, OKLAHOMA |
| 31 | SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE BONNER A WELL (API #3513921121) LOCATED IN SECTION 9-4N-14ECM, TEXAS COUNTY, OKLAHOMA |
| 32 | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO. AND RIGHTS TO PRODUCE FROM OR THROUGH. THE INTERSTATE H WELL (API #3513930052) LOCATED IN SECTION 7-4N-14ECM, TEXAS COUNTY, OKLAHOMA |
| 33 | FORCE POOLED INTEREST ONLY |
| 34 | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO. AND RIGHTS TO PRODUCE FROM OR THROUGH, THE RICH A #2 WELL (API #3513924107) LOCATED IN SECTION 1-3N-12ECM, TEXAS COUNTY, OKLAHOMA |
| 35 | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE SHAFFER M #1 WELL (API #3513924126) LOCATED IN SECTION 13-4N-12EGM, TEXAS COUNTY, OKLAHOMA |

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| Agreement # | Agreement Type | Original Lessor | Original Lessee | Date | Book | Page | Township | Range Se | Section Cor | Concatenate | | Legal Description | ription | | County | Footnote |
|-------------|--|--|--|---|--|--|--|---|--|--|---|--|--|--|---|---------------------------------------|
| 36 | SAID LEASE EXCLUDES ALL | SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO. AND RIGHTS TO PRODUCE FROM OR | TS TO PRODUCE FROM OR THRO | THROUGH, THE CLAWSON A #1 WELL (AP! #3513921119) AND THE REUST 8-1 WELL (AP! #3513922729) LOCATED IN SECTION 5-3N-14ECM, TEXAS COUNTY, OKLAHOMA | 4 #1 MELL (AI | PI #35139211 | 19) AND THE | REUST B-1 WE | ELL (API #3513 | 1922729) LOCA | ATED IN SECTION | ON 5-3N-14ECM | TEXAS COUNTY | OKLAHOMA | | |
| 37 | INSOFAR AND ONLY INSOFA RECOVERY UNIT, COUNTY O CORPORATION USA AC NO. FOUND AT A DEPTH OF 5.46 INTERVAL | INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE STIRRUP ENHANCED RECOVERY UNT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNIT ZATION FOR THE DEVELOPMENT AND OPERATION OF THE STIRRUP ENHANCED RECOVERY UNIT. COUNTY OF AN OLIVINIST AND RUN INT THE ANALYST OF THE USE TO AND | JED WITHIN THE STIRRUP ENHAI TTO AS OF THE 31ST DATE OF JAI ECTION 11, TOWNSHIP 33 SOUTH DUAL INDUCTION LATERALOG D | ENHANCED RECOVERY UNT, FORMED AND GOVERNED BY THAT CERTAIN UNT AGREEMENT AND PLAN OF UNTIZATION FOR THE DEVELOPMENT AND OPERATION OF THE STIRKUP ENHANCED OF JANUARY, 2003. THE UNITIZED INTERVAL FOR THE STIRKUP ENHANCED RECOVERY UNIT IS THE UPPER MORROW FORMATION AS IDENTIFIED BY THE LOK RUN IN THE AMADARKO PETROLEUN SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITIZED FORMATION BEING FOUND AT A DEPTH OF SA40 FETRAUP THE BASE OF THE UNTIZED FORMATION BEING SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITIZED FORMATION BEING FOUND AT A DEPTH OF SA40 FETRAUP THE BASE OF THE UNITIZED FORMATION BEING SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITIZED FORMATION BEING FOUND AT A DEPTH OF SA40 FETRAUP THE BASE OF THE UNITIZED FORMATION BEING SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITIZED FORMATION BEING FOUND AT DEPTH OF SA40 FETRAUP THE BASE OF THE UNITIZED FORMATION BEING SO DATED DECEMBER 1, 1992. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTHAF SROM THE SURFACE TO THE UNITIZED SO DATED DECEMBER 1, 1992. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTHAF SROM THE SURFACE TO THE UNITIZED SO DATED DECEMBER 1, 1992. | , FORMED AN IITIZED INTER ORTON COUN 992. ASSIGNO | ID GOVERNEC VAL FOR THE ITY KANSAS, DR IS RETAINI | BY THAT CEF STIRRUP ENH WITH THE TOF NG ALL NON-L | RTAIN UNIT AG ANCED RECO OF THE UNIT INITIZED AGRE | SREEMENT AN VERY UNIT IS 1 'IZED FORMATI EEMENTS, WEI | D PLAN OF UN THE UPPER MC ION BEING FOI LLS AND INTE! | ITTIZATION FOI DRROW FORM JND AT A DEF TVALS INSOF | R THE DEVELOPI ATION AS IDENT TH OF 5,340 FEE ,R AS THE DEPTI | IENT AND OPER FIED BY THE LOO T AND THE BASE HS FROM THE SU | ATION OF THE ST S RUN IN THE AN OF THE UNITIZE RFACE TO THE T | TRRUP ENHAT ADARKO PETI D FORMATION OP OF THE UN | NCED ROLEUM IN BEING NITIZED |
| œ | INSOFAR AND ONLY INSOF. DECEMBER 1, 2003: CERTIFI UNITIZED IS THAT PORTION AGREEMENTS. WELLS AND | INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE EUBANK NORTH UNIT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OFERATION OF THE EUBANK NORTH UNIT AND EFFECTIVE AS OF DECEMBER 1, 2003: CERTIFICATE OF KANSAS CORPORATION COMMISSION AS TO ESTABLISHMENT OF A UNIT, ARD ENDER, DOKET NO. 04-CONS-043 CUNI, DATED DECEMBER 1, 2003; RECORDED IN VOLUME 168, PAGE 655, HASKELL COUNT, KANSAS. THE FORMATION UNITIZED IS THAT PORTINO OF THE MORROW FORMATION ENCOUNTERED BETWEED THE DITAS OF 5,130 AND 5,344 FEET AND 5,344 FEET. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS. WELLS AND INTERVALS INSOFAR AS THE DEPTHS FROM THE UNITIZED INTERVAL | JED WITHIN THE EUBANK NORTH JON AS TO ESTABLISHMENT OF J JON AS TO ESTABLISHMENT OF J ATHE BETWEEN THE DEPTHS OF 5 1 THE SURFACE TO THE TOP OF 1 | IORTH UNIT, FORMED AND GC T OF A UNIT AREA UNDER UNI 5 OF 5,130 AND 5,334 FEET AN • OF THE UNITIZED INTERVAL | GOVERNED B INITIZATION C AND THAT PC | Y THAT CERT DRDER, DOCK DRTION OF TH | AIN UNIT AGR ET NO. 04-CON IE CHESTER F(| EEMENT AND VS-049 CUNI, t DRMATION EN | PLAN OF UNIT DATED DECEN ICOUNTERED (| TZATION FOR ' IBER 16, 2003, BETWEEN THE | THE DEVELOP RECORDED IN | MENT AND OPEF I VOLUME 168, F ,334 FEET AND 5 | ation of the El age 655, haske ,544 feet. Assic | JBANK NORTH U LL COUNTY, KAN SNOR IS RETAINI | INIT AND EFFE SAS. THE FO NG ALL NON-I | ECTIVE AS OF DRMATION -UNITIZED |
| 39 | LESS AND EXCEPT ALL RIGI PAGE 605, BOOK 316 ON P/ | LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN IN THE FOLLOWING DEED OF CONVEYANCE AND ASSIGNMENT AND BILL OF SALE FROM OXY USA WTP LP, ET AL, AS SELLER, AND MERIT HUGOTON, LP, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 315 ON PAGE 805, BOOK 323 ON PAGE 247, BOOK 323 ON PAGE 556, BOOK 326 ON PAGE 513 IN THE RECORDS OF FINNEY COUNTY, KANSAS. | IN IN THE FOLLOWING DEED OF 5 ON PAGE 513 IN THE RECORDS | CONVEYANCE AND A OF FINNEY COUNTY, I | SSIGNMENT | AND BILL OF | SALE FROM OX | N USA WTP LI | P, ET AL, AS SI | ELLER, AND MI | ERIT HUGOTO. | V, L.P., AS BUYEF | , RECORDED IN S | EPARATE DOCUI | MENTS IN BO | DOK 315 ON |
| 40 | LESS AND EXCEPT ALL RIG PAGE 346, BOOK 261, AT P/ | LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN IN THE FOLLOWING DEED OF CONVEYANCE AND ASSIGNMENT. AND BILL OF SALE FROM OXY USA WTP LP, ET AL, AS SELLER, AND MERIT HUGOTON, LP, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 260 AT PAGE 346, BOOK 261, AT PAGE 153, BOOK 270 AT PAGE 650, BOOK 270 AT PAGE 672, KEARNY COUNTY, KANSAS | IN IN THE FOLLOWING DEED OF | CONVEYANCE AND A KANSAS | SSIGNMENT | AND BILL OF | SALE FROM OX | N USA WTP L | P. ET AL, AS SI | ELLER, AND MI | ERIT HUGOTO | N, L.P., AS BUYEF | , RECORDED IN S | EPARATE DOCUI | MENTS IN BO | OOK 260 AT |
| | | | | | | | | | | | | | | | | |

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| 3500723445 ADAMS H-1 3500723445 ADAMS H-1 3500723517 ADAMS H-1 3500724543 ADAMS H-1 3500724543 ADAMS M-1 (U CHERT 35007245440 ADAMS M-1 (U CHERT 35007245440 ADAMS M-1 (U CHERT 3500724543 ADAMS M-1 (U CHERT 3500724540 ADAMS M-1 (U CHERT 3500724734 ADAMS N-1 (U CHERT 3500724734 ADAMSON 4-11 151752155 ADAMSON 4-5 3513920149 ALLEN C-1 (CHEROKEE) 35139220156 AURERSON 3 35139220106 ANDERSON 1 1505521465 ANDERSON 3 35139220156 ANDERSON 3 35139220150 ANDERSON 3 1505521465 ANDERSON 3 1505521465 ANDERSON 3 150552165 BAKER 1-6 1505520383 BAKER 1-1 | NTO) ESTER) NTO) | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 1 | 16 6 | | 735 | | OTHORS. | NUNDANCY PAILING ANDANY |
|--|---|----------|----------|----------|------------|--------|----------|------|-------|--------|-------------|---------------|--------------------------------------|
| | | 1.000000 | | | | I | | | NIQ | 20 | | TORONIO | PANIEKA ENEKGY COMPANY |
| | | | 0.812500 | SAME | SAME | OK BE | | | | 23E | | LOWER | PANTERA ENERGY COMPANY |
| | (ТОRОNTО) +6674 (U CHESTER) (U CHESTER) (TORONTO) 3-11 | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 1 | | | 23E | | LOWER | PANTERA ENERGY COMPANY |
| | .46574 (U CHESTER) (TORONTO) 3-11 | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 9 | | 6N 2 | 23E | | TORONTO | PANTERA ENERGY COMPANY |
| | (U CHESTER) (TORONTO) 3-11 | 1.000000 | 0.812500 | SAME | SAME | OK BE | BEAVER 9 | | 6N 2 | 23E SI | SE | TORONTO | PANTERA ENERGY COMPANY |
| | (TORONTO) 3-11 | 1.000000 | 0.812500 | SAME | SAME | OK BE | BEAVER 1 | 15 6 | 6N 2 | 23E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| | 3-11 | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 1 | 10 6 | 6N 2 | 23E S' | SW | TORONTO | PANTERA ENERGY COMPANY |
| | 3-11 | 1.000000 | 0.812500 | SAME | SAME | OK BE | BEAVER 9 | | | | SW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | | 0.125000 | 0.098242 | SAME | SAME | | SEWARD 1 | 11 3 | | 34W | | MORROW | EDISON OPERATING COMPANY LLC |
| | 1-11 | 0.125000 | 0.098242 | SAME | SAME | KS SEV | | 11 3 | 34S 3 | 34W | | CHESTER | EDISON OPERATING COMPANY LLC |
| | 5-11 | 0.125000 | 0.098242 | SAME | SAME | Γ | SEWARD 1 | | 34S 3 | 34W | | CHESTER | EDISON OPERATING COMPANY LLC |
| | A-5 | 0.750000 | 0.645117 | SAME | SAME | | | 11 3 | | 34W | | MORROW | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 2 | | 4N | 13E | | CHEROKEE 2 | PANTERA ENERGY COMPANY |
| | CHEROKEE) | 1.000000 | 0.875000 | SAME | SAME | Γ | | | | 13E | | CHEROKEE | PANTERA ENERGY COMPANY |
| | 1 | 1.000000 | 0.875000 | 0.754688 | 0.66035157 | | FINNEY 1 | | | 33W S | SE NE NW | CHASE GROUP | PANTERA ENERGY COMPANY |
| | 2-15 | 1.000000 | 0.875000 | 0.754688 | 0.66035157 | | | 15 2 | 24S | 33W S | SENW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | 3 | 1.000000 | 0.875000 | 0.754688 | 0.66035157 | KS FIN | FINNEY 1 | | | 33W N | NENW | CHASE | PANTERA ENERGY COMPANY |
| | 1- | 1.000000 | 0.874999 | SAME | SAME | | | | | 14E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.882813 | SAME | SAME | | 2 | | 25S 3 | | SWNW | CHASE GROUP | PANTERA ENERGY COMPANY |
| | | 1.00000 | 0.882813 | SAME | SAME | KS KE | Γ | | | | NWSE | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| | 5 | 1.00000 | 0.882813 | SAME | SAME | | | | | | NENE | CHASE | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | 2 | | | NWSE | CHASE GROUP | PANTERA ENERGY COMPANY |
| | | 0.250000 | 0.218750 | SAME | SAME | | | | | 34W S | SE NE SW | | LARIO OIL & GAS COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | | 23S 3 | | | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | 15 2 | | 34W N | NENE | DEEP | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | KS FIN | | | | | SWNESE | MORROW | PANTERA ENERGY COMPANY |
| | | 0.958333 | 0.721874 | SAME | SAME | | TEXAS 3 | | | 12E | | MORROW C | PANTERA ENERGY COMPANY |
| 1505521493 BARKER 3 | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | 34W | | MORROW | PANTERA ENERGY COMPANY |
| 1505521527 BARKER 4 | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | 34W N | NESE | CHESTER | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | 12 2 | | | SESE | MISSISSIPPI | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | | | | SWNE | MORROW | PANTERA ENERGY COMPANY |
| | | 1.00000 | 0.875000 | SAME | SAME | KS FIN | | | 26S | | NESW | CHASE GROUP | |
| 1505520322 BARKER 2 | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | 34W | | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505521773 BARKER GAS UNIT 3-H | S UNIT 3-H | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | 12 1 | 26S | 34W S | SWSENW | CHASE | PANTERA ENERGY COMPANY |
| 1505500422 BARTLOW 1 | | 1.000000 | 0.875000 | SAME | SAME | KS FIN | FINNEY 9 | | | 34W S | SESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505521491 BARTLOW 3 | | 1.000000 | 0.875000 | SAME | SAME | KS FIN | FINNEY 9 | | | | SESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1517521171 BAUGHMAN F 1-18 | V F 1-18 | 0.000000 | 0.082250 | SAME | SAME | KS SE | SEWARD 1 | 18 | | 34W | | MARMATON | MCCOY PETROLEUM CORPORATION |
| 1505500721 BEDFORD 2 | | 0.500000 | 0.437500 | SAME | SAME | | FINNEY 8 | | | | NESW | PERMIAN-CIGC | CASILLAS PETROLEUM CORPORATION |
| 1505521617 BEDFORD 2-2 | -2 | 0.50000 | 0.437500 | SAME | SAME | KS FII | FINNEY 8 | | 26S | 34W | | CHASE | |
| 1505520264 BEDFORD A-2 | 7 | 0.500000 | 0.437500 | SAME | SAME | | FINNEY 8 | | | 34W | | COUNCIL GROVE | - |
| | 2. | 0.500000 | 0.437500 | SAME | SAME | | FINNEY 8 | | | 34W N | NE SE NW NE | CHASE AND | CASILLAS PETROLEUM CORPORATION |
| 3500722058 BENNETT C-1 | | 1.000000 | 0.830035 | SAME | SAME | | BEAVER 2 | | 4N | 21E | | KANSAS CITY | PANTERA ENERGY COMPANY |
| 3500724303 BENNETT F- | BENNETT F-1 (CHESTER) | 0.735797 | 0.628493 | SAME | SAME | OK BE | BEAVER 2 | 26 | SN | 21E | | CHESTER | PANTERA ENERGY COMPANY |
| 3513923698 BESSIE 5-1 | | 0.958333 | 0.860417 | SAME | SAME | OK TE | TEXAS 5 | 5 | 4N | 12E C | C SE NE | KANSAS CITY | PANTERA ENERGY COMPANY |
| 1505500389 BIDWELL 1 | | 1.00000 | 0.875000 | SAME | SAME | KS FII | FINNEY 1 | 13 | | 34W N | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520771 BIDWELL 3-13 | 13 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | | NWSWNW | DEEP | PANTERA ENERGY COMPANY |
| 1505520842 BIDWELL 5-13 | -13 | 1.00000 | 0.875000 | SAME | SAME | KS FII | | | | | NESENW | FORT SCOTT | PANTERA ENERGY COMPANY |
| | -13 | 1.000000 | 0.875000 | SAME | SAME | | | | | | SESENW | LANSING-KC | PANTERA ENERGY COMPANY |
| 1505520912 BIDWELL 7-13 | -13 | 1.000000 | 0.875000 | SAME | SAME | KS FI | FINNEY 1 | 13 | 23S | 34W S | SWNE | LKC-FT SCOTT | PANTERA ENERGY COMPANY |

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| 1505520360 1505520748 1517500120 1517521703 1517521703 | BIEHN 2 | 1.000000 | 0 875000 | SAME | | Γ | Ι | | | | | | | |
|--|--------------------------------|----------|-----------|----------|----------|-------|-----------|-------|--------|--------|-------------|---------------|-------------------------------------|---|
| 1505520748 1517500120 1517521703 1517521724 | | | 0.01 0000 | | SAME | E S | FINNEY 1 | 16 2 | 24S 3. | 34W S | S2 | COUNCIL GROVE | PANTERA ENERGY COMPANY | |
| 1517500120 1517521703 1517521724 | BIEHN 3-16 | 1.000000 | 0.875000 | SAME | SAME | | | | | 34W N | NWNE | DEEP | PANTERA ENERGY COMPANY | |
| 1517521703 1517521724 | BLACKMER 1-31 | 1.000000 | 0.759453 | SAME | SAME | Γ | 6 | | | 32W | | MORROW | PANTERA ENERGY COMPANY | |
| 1517521724 | BLACKMER A-3 | 1.000000 | 0.759453 | SAME | SAME | | | | | 32W | | CHESTER | PANTERA ENERGY COMPANY | |
| a recomposition | BLACKMER A-4 (CHESTER) | 1.000000 | 0.820313 | SAME | SAME | KS SE | SEWARD 3 | 31 3 | | 32W | | CHESTER | PANTERA ENERGY COMPANY | |
| 3500722015 | BLAKEMORE L-1 | 1.000000 | 0.824629 | SAME | SAME | | BEAVER 3 | | 4N 2 | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY | |
| 3500721918 | BLAKEMORE M-1 | 1.000000 | 0.786621 | SAME | SAME | | BEAVER 9 | | | 21E | | | PANTERA ENERGY COMPANY | |
| 3500724427 | BLAKEMORE M-2 (B CHESTER) | 1.000000 | 0.786621 | SAME | SAME | OK BE | BEAVER 9 | | | 21E | | BASAL CHESTER | PANTERA ENERGY COMPANY | |
| 3500724428 | BLAKEMORE N-1 | 1.000000 | 0.812373 | SAME | SAME | | BEAVER 1 | | | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY | |
| 3500724792 | BLAKEMORE-WILDLIFE 2-16 | 1.000000 | 0.801130 | SAME | SAME | | | 16 4 | 4N 2 | 21E S | SW | BASAL CHESTER | PANTERA ENERGY COMPANY | |
| 1517520784 | BLOOM B-1 | 0.500000 | 0.437500 | SAME | SAME | | SEWARD 2 | 26 3 | 34S 3. | 34W | | LOWER | PANTERA ENERGY COMPANY | |
| 1517521722 | BOLES C-2 | 1.000000 | 0.875000 | SAME | SAME | | | | | 34W S | SWNENW | ST LOUIS | PANTERA ENERGY COMPANY | |
| 1517521720 | BOLES C-3 | 1.000000 | 0.875000 | SAME | SAME | KS SE | SEWARD 1 | | | 34W S | SENW | ST LOUIS | PANTERA ENERGY COMPANY | |
| 1517520646 | BOLES 1-11 | 1.000000 | 0.854492 | SAME | SAME | | SEWARD 1 | 11 3 | | 34W N | N2NWSE | MORROW | PANTERA ENERGY COMPANY | |
| 1517500067 | BOLES 1-4 | 1.000000 | 0.875000 | SAME | SAME | | | | 35S 3. | 34W | | TORONTO 2 | PANTERA ENERGY COMPANY | * |
| 1517521757 | BOLES B-5 (CHESTER) | 1.000000 | 0.875000 | SAME | SAME | Γ | SEWARD 4 | | | 34W | | CHESTER | PANTERA ENERGY COMPANY | |
| 1517521669 | BOLES F-1 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 2 | | | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 1517521707 | BOLES F-2 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 2 | | | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 1517521708 | BOLES F-3 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | KS SE | SEWARD 2 | | | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 1517521718 | BOLES F-4 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 2 | | | 34W | | ST LOUIS | PANTERA ENERGY COMPANY | |
| 1517521794 | | 1 00000 | 0.875000 | SAME | SAME | Γ | SFWARD 2 | | | 34W | | LANSING | PANTERA ENERGY COMPANY | |
| 3513920113 | BORCHERS A-1 | 1.00000 | 0.875000 | SAME | SAME | | Γ | | | 14E | | CHEROKEE | PANTERA ENERGY COMPANY | |
| 2512022624 | BOWEN 1-22 | 0 700021 | 0 505313 | CAME | CAME | Γ | | | | 146 | | CHASE | PANTERA ENERGY COMPANY | |
| 1517571683 | BOX 4-1 (I MORROW) | 1 00000 | 0.232225 | SAME | SAME | Γ | 6 | | | 32W | | LOWER | PANTERA ENERGY COMPANY | |
| 1518071010 | | 1 00000 | 0.020100 | SAME | SAME | | | | | 38\M | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY | |
| 1518977400 | BRECHEISEN 8-1 | 1.00000 | 0 718006 | 0 718750 | 0.538504 | Τ | | | 34S 3 | | SE | LOWER | PANTERA ENERGY COMPANY | |
| 3513900409 | BROCE 1-7 | 1.000000 | 0.875000 | SAME | SAME | | | | | 13E | | MORROW | PANTERA ENERGY COMPANY | |
| 3500722831 | BROWN J-1 | 1.000000 | 0.824219 | SAME | SAME | OK BE | | 20 4 | 4N 2 | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY | |
| 3500724906 | BROWN J-2 | 1.000000 | 0.824219 | SAME | SAME | | BEAVER 2 | | | 21E N | MN | CHESTER | PANTERA ENERGY COMPANY | |
| 1517521621 | BROWN K-1 (L MORROW) | 1.000000 | 0.833333 | SAME | SAME | | | | 35S 3 | 32W | | LOWER | PANTERA ENERGY COMPANY | |
| 3500722100 | BUNYARD A-1 | 1.000000 | 0.816421 | SAME | SAME | | BEAVER 5 | | | 20E | | UPPER MORROW | PANTERA ENERGY COMPANY | |
| 1517520829 | BUSH B-1H | 1.000000 | 0.875000 | SAME | SAME | | | | 33S 3 | 33W S | SE SE NW SE | | PANTERA ENERGY COMPANY | |
| 1517521622 | BUSH B-3 (MARMATON) | 1.000000 | 0.875000 | SAME | SAME | KS SE | SEWARD 2 | | | 33W | | LANSING | PANTERA ENERGY COMPANY | |
| 1517521813 | BUSH B-4 (MARMATON B) | 1.00000 | 0.875000 | SAME | SAME | | | 35 35 | | 33W | | MARMATON | PANTERA ENERGY COMPANY | |
| 1517520029 | CADY A-1 | 1.000000 | 0.875000 | SAME | SAME | KS SE | SEWARD 1 | | 34S 3 | 32W | | LOWER | PANTERA ENERGY COMPANY | |
| 1517521562 | CADY A-2 (U CHESTER) | 1.000000 | 0.875000 | SAME | SAME | KS SE | SEWARD 1 | 19 3 | | | | CHESTER | PANTERA ENERGY COMPANY | |
| 1505520012 | CAMPBELL 4 (SWD) | 1.000000 | N/A | SAME | SAME | | FINNEY 7 | 7 2 | 26S 3 | | NESE | LANSING-KC | PANTERA ENERGY COMPANY | |
| 1517521770 | CAMPION A-1 (L MORROW) | 1.000000 | 0.760000 | 0.875 | 0.703125 | | SEWARD 2 | | | 34W | | LOWER | PANTERA ENERGY COMPANY | |
| 1518922352 | CAVNER A-5A | 1.000000 | 0.875000 | SAME | SAME | | STEVENS 3 | | | 38W S | SW | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 1518922362 | CAVNER A-6 (SWD) | 1.000000 | N/A | SAME | SAME | KS S1 | | 33 3 | | | NW | LOWER | PANTERA ENERGY COMPANY | |
| 1518922363 | CAVNER A-7 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | | STEVENS 3 | | | | SW | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 1508120361 | KMU 12-1 (CHARLES 1-12) WIW | 1.000000 | 0.875000 | SAME | SAME | KS H | HASKELL 1 | | 29S 3 | 34W | | MORROW | PANTERA ENERGY COMPANY | |
| 1517521792 | CITY OF LIBERAL C-1 (ST LOUIS) | 1.000000 | 0.847656 | SAME | SAME | KS SE | SEWARD 3 | | 34S 3 | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY | |
| 3513935787 | CITIES SERVICE A-1 (CHEROKEE) | 1.000000 | 1.000000 | SAME | SAME | | TEXAS 1 | | 4N 1 | 14E | | CHEROKEE | PANTERA ENERGY COMPANY | |
| 3513921253 | CITIES SERVICE A-5 | 1.000000 | 1.00000 | SAME | SAME | | TEXAS 1 | | 4N 1 | 14E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY | |
| 3513921679 | CITIES SERVICE A-7 | 1.000000 | 1.000000 | SAME | SAME | | | | 4N 1 | 14E | | KEYES | PANTERA ENERGY COMPANY | |
| 3513935788 | CITIES SERVICE B-1 | 1.000000 | 1.000000 | SAME | SAME | OK TE | TEXAS 1 | | 4N 1 | 13E | | KEYES 2 | PANTERA ENERGY COMPANY | |
| 3513920634 | CITIES SERVICE B-3 | 1.000000 | 1.00000 | SAME | SAME | OK TI | | 14 | | 13E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY | |
| 3513922479 | CITIES SERVICE B-5 | 1.000000 | 1.000000 | SAME | SAME | XO | TEXAS 1 | 14 4 | 4N 1 | 13E | | | PANTERA ENERGY COMPANY | |

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| 3513935789 | CITIES SERVICE C-1 | 1.000000 | 1.000000 | SAME | SAME | OK TE | TEXAS 11 | 20 | 4N | 13E | | UPPER MORKOW | UPPER INICANOW PAIN ENA ENERGY CONTAINS |
|------------|-----------------------------|----------|----------|----------|---------|--------|------------|-------|--------|--------|--------|-----------------|---|
| 3513935795 | CITIES SERVICE C-2 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 11 | | 4N 15 | 13E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3513935790 | CITIES SERVICE D-1 | 1.00000 | 1.000000 | SAME | SAME | | TEXAS 17 | | | 14E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3513920851 | CITIES SERVICE D-3 (MORROW) | 1.000000 | 1.000000 | SAME | SAME | | | | | 14E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3513935792 | CITIES SERVICE F-1 | 1.000000 | 1.000000 | SAME | SAME | | | | | 14E | | KEYES | PANTERA ENERGY COMPANY |
| 3513921898 | CITIES SERVICE I-2 (SWD) | 1.000000 | N/A | SAME | SAME | | TEXAS 1: | 11 4 | 4N 1 | 13E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3513920697 | CITIES SERVICE K-1 | 1.000000 | 1.000000 | SAME | SAME | | | | | 14E | | CHEROKEE | PANTERA ENERGY COMPANY |
| 3513922538 | CLAREMONT A-3 | 1.000000 | 0.875000 | SAME | SAME | 100 | | | | 12E | | MORROW F | PANTERA ENERGY COMPANY |
| 1517500034 | DAVIES 1-36 | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 3 | 36 3: | 33S 33 | 32W | | CHESTER | PANTERA ENERGY COMPANY |
| 3500721730 | CLENNY 24-6 | 0.249458 | 0.218276 | SAME | SAME | | BEAVER 6 | | 1N 2 | 23E | | CHESTER | RESOURCE OIL AND GAS LLC |
| 1518920514 | COBB UNIT 1-3 | 0.000000 | 0.020000 | SAME | SAME | | STEVENS 8 | | 33S 3(| 36W | | | EDISON OPERATING COMPANY LLC |
| 1517521481 | COOK 3-35 | 0.078125 | 0.075800 | SAME | SAME | | Γ | 35 33 | | 34W | | MORROW | EDISON OPERATING COMPANY LLC |
| 3513922780 | COPP A-2 (UPPER MORROW) | 0.969040 | 0.847904 | SAME | SAME | | Г | | | 14E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 1505500337 | CORMACK 1-34 | 1.000000 | 0.875000 | SAME | SAME | | | | | | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505521151 | CORMACK 1-34 | 0.000000 | 0.175000 | SAME | SAME | | | | | | SESENW | | BEREXCO LLC |
| 1505520877 | CORMACK 2-34 | 1.000000 | 0.875000 | SAME | SAME | KS FIN | | | 225 3. | | 2WSW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505521161 | CORMACK 2-34 | 0.000000 | 0.175000 | SAME | SAME | | | | | 34W SE | SENENW | | BEREXCO LLC |
| 1505521190 | CORMACK 3-34 | 0.00000 | 0.175000 | SAME | SAME | | | | | | NENWSW | | MANUEL CORPORATION |
| 1505521198 | CORMACK 4-34 | 0.000000 | 0.175000 | SAME | SAME | | | | | 34W NE | NESWNW | | BEREXCO LLC |
| 1505521319 | CORMACK 5-34 | 0.000000 | 0.175000 | SAME | SAME | | FINNEY 3. | | | 34W EN | ENWNW | | BEREXCO LLC |
| 1505521694 | CORMACK 6-34 | 0.000000 | 0.175000 | SAME | SAME | | FINNEY 3. | | | 34W EV | EWSW | | BEREXCO LLC |
| 1517521653 | CORRELL A-3 | 1.000000 | 0.859375 | SAME | SAME | | SEWARD 2 | | | 33W | | LOWER | PANTERA ENERGY COMPANY |
| 1518922409 | COTTRELL A-3 | 1.000000 | 0.875000 | SAME | SAME | | STEVENS 3: | | | 38W NW | 2 | LOWER | PANTERA ENERGY COMPANY |
| 1505500537 | COWGILL 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | | SENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520889 | COWGILL 2-19 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | 25S 3: | | SESW | DEEP | PANTERA ENERGY COMPANY |
| 1518922163 | CRISS A-2 (MORROW) | 1.000000 | 0.900391 | SAME | SAME | | | | | 38W | | MORROW C | PANTERA ENERGY COMPANY |
| 1517520426 | CROW A-1 | 1.000000 | 0.875000 | SAME | SAME | KS SE | | | | 34W | | UPPER CHESTER 2 | UPPER CHESTER 2 PANTERA ENERGY COMPANY |
| 1517520593 | CROW B-1 | 1.000000 | 0.875000 | SAME | SAME | | _ | | | 34W | | LOWER CHESTER | PANTERA ENERGY COMPANY |
| 1505522329 | CUNDIFF A-3 | 1.000000 | 0.875000 | SAME | SAME | | | | | | | | PANTERA ENERGY COMPANY |
| 1505500406 | DANLER 1 | 0.50000 | 0.437500 | SAME | SAME | | | | | 34W NV | NWNWSE | | PANTERA ENERGY COMPANY |
| 1505520380 | DANLER 2 | 0.500000 | 0.437500 | SAME | SAME | | | | | | NWSE | щ | PANTERA ENERGY COMPANY |
| 1505520585 | DANLER 3 | 0.500000 | 0.437500 | SAME | SAME | | FINNEY 3 | | 23S 3. | 34W NE | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1517510137 | DAVIES 1-30 | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 3 | | 33S 3. | 31W | | LOWER | PANTERA ENERGY COMPANY |
| 1517510005 | DAVIES C-1 | 1.000000 | 0.875000 | SAME | SAME | | | | | 31W | | LOWER | PANTERA ENERGY COMPANY |
| 1517510172 | DAVIES 2-6 | 1.000000 | 0.875000 | SAME | SAME | | | | 34S 33 | 31W | | | PANTERA ENERGY COMPANY |
| 1517521558 | DAVIES E-1 (MORROW/CHESTER) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 3 | | | 32W | | _ | PANTERA ENERGY COMPANY |
| 3513923336 | DAVIS TRUST B-1 | 1.000000 | 0.812500 | SAME | SAME | OK TE | | 26 6 | | | NWNWNE | BASAL CHESTER | PANTERA ENERGY COMPANY |
| 1517521561 | DAVIES F-1 (MORROW/CHESTER) | 1.000000 | 0.865156 | SAME | SAME | | | | | 31W | | L MORROW & U | PANTERA ENERGY COMPANY |
| 1517521737 | DAVIES G-2 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | | | | | 31W | | LOWER | PANTERA ENERGY COMPANY |
| 1518921776 | DAVIS D-2 | 1.000000 | 0.820312 | SAME | SAME | | | | | 38W | | LOWER | PANTERA ENERGY COMPANY |
| 1518920410 | DAVIS G-1 | 1.000000 | 0.875000 | SAME | SAME | | | | | 38W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521715 | DOWNS A-1 (ST LOUIS) | 1.000000 | 0.875000 | SAME | SAME | | | 11 3 | | 34W | | ST LOUIS | PANTERA ENERGY COMPANY |
| 1505500733 | DEVLIN 1 | 0.825196 | 0.722047 | SAME | SAME | | | | | 34W | | CHASE | PANTERA ENERGY COMPANY |
| 1505520369 | DEVLIN 2 | 0.549805 | 0.481079 | SAME | SAME | | FINNEY 1 | | | 34W | | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1505520924 | DEVLIN A-1H | 0.825196 | 0.722047 | SAME | SAME | | FINNEY 1 | | | 34W | | | PANTERA ENERGY COMPANY |
| 3500700218 | DICK 1-31 | 1.000000 | 0.857419 | SAME | SAME | OK BE | | | 5N 2 | 21E | | | PANTERA ENERGY COMPANY |
| 3500723840 | DICK A-2 | 1.000000 | 0.857420 | SAME | SAME | | | 31 5 | | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3500721961 | DIRKS A-1-6 | 1.000000 | 0.833536 | SAME | SAME | | ~ | | | 21E | | LOWER CHESTER | PANTERA ENERGY COMPANY |
| 3513921288 | DIXON A-1 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 5 | | | | | KEYES | PANTERA ENERGY COMPANY |
| 3500723421 | DORMAN 1-1 | 0.000000 | 0.000000 | 0.252886 | 0.20547 | OK BE | BEAVER 1 | 4 | 4N 2 | 21E NE | | CHESTER | MONTEREY PRODUCTION COMPANY LLC |

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| 3500725256 | DORMAN 2-1 | 0.00000 | 0.000000 | 0.252886 | 0.20547 | X | BEAVER | н | 4N | 21E | SE | CHESTER | MONTEREY PRODUCTION COMPANY LLC |
|------------|----------------------------|----------|----------|----------|---------|----|---------|----|-----|-----|-------------|---------------|--------------------------------------|
| 3500724318 | DORMAN C-1 (CHESTER) | 0.718750 | 0.574829 | SAME | SAME | ð | BEAVER | 36 | SN | 21E | | CHESTER | PANTERA ENERGY COMPANY |
| 1505500036 | EARL CAMPBELL 1 | 1.00000 | 0.875000 | SAME | SAME | ß | FINNEY | 7 | 26S | 34W | SWSE | MORROW-MISS | PANTERA ENERGY COMPANY |
| 1518921387 | DUNNE-HOFFMANN K-1 | 0.50000 | 0.437889 | SAME | SAME | KS | STEVENS | 16 | 355 | 38W | | MORROW C | PANTERA ENERGY COMPANY |
| 1509320951 | FISCHER D 2-13 (SWD) | 1.000000 | N/A | SAME | SAME | KS | KEARNY | 13 | 24S | 35W | NWSE | LANSING-KC | PANTERA ENERGY COMPANY |
| 3513935801 | EASTERWOOD A-3 | 1.000000 | 1.000000 | SAME | SAME | OK | TEXAS | 11 | 4N | 13E | | KEYES 2 | PANTERA ENERGY COMPANY |
| 1517500187 | ETZOLD 1-22 | 1.00000 | 0.875000 | SAME | SAME | KS | SEWARD | 22 | 33S | 34W | NE NE NE SW | CHESTER | PANTERA ENERGY COMPANY |
| NUMEROUS | ETZOLD UNIT NORTH | 0.000000 | 0.075000 | SAME | SAME | KS | SEWARD | 22 | 33S | 34W | | CHESTER | ELM III OPERATING COMPANY LLC |
| 1517510145 | FINCHAM A-2 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 29 | 33S | 34W | | MORROW | PANTERA ENERGY COMPANY |
| 1517520361 | FINCHAM A-3 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 29 | 33S | 34W | NWNE | LOWER | PANTERA ENERGY COMPANY |
| 1517510144 | FINCHAM B-1 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 28 | 33S | 34W | | MORROW & | PANTERA ENERGY COMPANY |
| 1517521657 | FINCHAM G-2 (L MORROW) | 1.00000 | 0.875000 | SAME | SAME | ß | SEWARD | 33 | 33S | 34W | | LOWER | PANTERA ENERGY COMPANY |
| 1509320370 | FISHER D 1-13 | 1.00000 | 0.875000 | SAME | SAME | 8X | KEARNY | 13 | 24S | 35W | | MULTIPLE | PANTERA ENERGY COMPANY |
| 1505520736 | FOSTER 3-19 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 19 | 23S | 34W | SWNENW | MORROW | PANTERA ENERGY COMPANY |
| 1517521624 | FITZGERALD B-1 (U LANSING) | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 2 | 34S | 33W | | UPPER LANSING | PANTERA ENERGY COMPANY |
| 1505500395 | FOSTER 1 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 19 | 23S | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 3500722233 | FRANZ E-1 | 1.00000 | 0.839844 | SAME | SAME | 9K | BEAVER | 4 | 4N | 21E | | KANSAS CITY 2 | PANTERA ENERGY COMPANY |
| 1505520760 | FOSTER 4-19 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY | 19 | 23S | 34W | NENW | DEEP | PANTERA ENERGY COMPANY |
| 1505500481 | FOTOPOLOUS 1 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 17 | 24S | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520348 | FOTOPOLOUS 2 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY | 17 | 24S | 34W | E2 | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1505520749 | FOTOPOULOS -3-17 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 17 | 24S | 34W | SESE | DEEP | PANTERA ENERGY COMPANY |
| 1509300388 | GARDEN A-1 | 1.000000 | 0.875000 | SAME | SAME | | KEARNY | | 24S | 35W | SESENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1517520070 | FULLER A-1 | 1.00000 | 0.875000 | SAME | SAME | | SEWARD | 30 | 33S | 34W | | MORROW | PANTERA ENERGY COMPANY |
| 1517520820 | FULLER C-1 | 1.000000 | 0.812500 | SAME | SAME | | SEWARD | 13 | 355 | 34W | | LOWER | PANTERA ENERGY COMPANY |
| 1517520642 | GAMMELL A-1 | 1.000000 | 0.812500 | SAME | SAME | KS | SEWARD | 29 | 34S | 34W | | CHESTER | PANTERA ENERGY COMPANY |
| 1509320586 | GARDEN A-3 | 1.000000 | 0.875000 | SAME | SAME | ks | KEARNY | 1 | 24S | 35W | NWSE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1509321005 | GARDEN A-4 (SWD) | 1.00000 | N/A | SAME | SAME | KS | KEARNY | 1 | 24S | 35W | NENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1509321494 | GARDEN A-S | 1.00000 | 0.875000 | SAME | SAME | KS | KEARNY | 1 | 24S | 35W | SENE | CHASE | PANTERA ENERGY COMPANY |
| 1509320805 | GARDEN B D1-13 | 1.000000 | 0.875000 | SAME | SAME | KS | KEARNY | 13 | 23S | 35W | SWNE | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1509300085 | GARDEN B-1 | 1.000000 | 0.875000 | SAME | SAME | KS | KEARNY | 13 | 23S | 35W | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505500394 | GARDEN C-1 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 18 | 23S | 34W | NWSE | CHASE GROUP | |
| 1505520356 | GARDEN C-10 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 16 | 23S | 34W | NE | COUNCIL GROVE | |
| 1505520741 | GARDEN C-12-18 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 18 | 23S | 34W | NENW | CHASE | PANTERA ENERGY COMPANY |
| 1505521342 | GARDEN C-14 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 22 | 23S | 34W | SESW | DEEP | PANTERA ENERGY COMPANY |
| 1505500398 | GARDEN C-3 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY | 22 | 23S | 34W | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520294 | GARDEN C-8 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY | 22 | 23S | 34W | W2 | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520573 | GARDEN CITY 11 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 16 | 23S | 34W | SWSE | CHASE | PANTERA ENERGY COMPANY |
| 1505521148 | GARDEN CITY 1-16 | 0.000000 | 0.125000 | SAME | SAME | | FINNEY | 16 | 23S | 34W | NWNE | | WHITCO PETROLEUM LP |
| 1505521180 | GARDEN CITY 2-16 | 0.000000 | 0.125000 | SAME | SAME | | FINNEY | 16 | 23S | 34W | NENE | | WHITCO PETROLEUM LP |
| 1505521192 | GARDEN CITY 3-16 | 0.00000 | 0.125000 | SAME | SAME | | FINNEY | 16 | 23S | 34W | NENW | | |
| 1509300398 | GARDEN CITY 0-1 | 0.889100 | 0.778137 | SAME | SAME | KS | KEARNY | 11 | 24S | 35W | N2SE | COUNCIL GROVE | |
| 1509321540 | GARDEN CITY O-2 | 0.889100 | 0.778137 | SAME | SAME | KS | KEARNY | 11 | 24S | 35W | SW NW SE NE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1509321823 | GARDEN CITY 0-3 | 0.889100 | 0.778137 | SAME | SAME | KS | KEARNY | 11 | 24S | 35W | | CHASE/COUNCIL | PANTERA ENERGY COMPANY |
| 1505521189 | GARDEN CITY UPR 1-13 | 0.00000 | 0.125000 | SAME | SAME | KS | FINNEY | 13 | 23S | 34W | ESWSE | | BEREXCO LLC |
| 1517521618 | GAREY A-3 (LOWER MORROW) | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 27 | 33S | 33W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521667 | GAREY A-4 (L MORROW) | 1.00000 | 0.875000 | SAME | SAME | KS | SEWARD | 27 | 33S | 33W | | LOWER | PANTERA ENERGY COMPANY |
| 1505500469 | GARNAND 1 | 0.632500 | 0.553443 | SAME | SAME | KS | FINNEY | 5 | 24S | 34W | SWNE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520321 | GARNAND 2 | 1.000000 | 0.829057 | SAME | SAME | KS | FINNEY | 5 | 24S | 34W | S2NW | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1505520827 | GARNAND 3-5 | 0.632500 | 0.553443 | SAME | SAME | KS | FINNEY | 5 | 24S | 34W | SWNW | DEEP | PANTERA ENERGY COMPANY |
| 1508120800 | GILES 1-27 | 0.000000 | 0.118100 | SAME | SAME | KS | HASKELL | 27 | 295 | 34W | SESENE | CHESTER | DARRAH OIL COMPANY LLC |

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| | GLENN 1-214 GODWIN A-1 GGODWIN A-1 GGODWIN A-2 GROVER B-2 (ST LOUIS) GROVER B-2 (ST LOUIS) HAAR 2-3 HAAR 2-3 HAAA | 0.50000 1.00000 1.00000 1.000000 1.000000 0.550000 1.000000 1.000000 1.000000 0.750000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.00000000 | 0.471094 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 | SAME SAME SAME SAME | SAME SAME SAME | | MORTON 14 TEXAS 36 TEVAS 36 | | | N2 NW NE | MORROW MORROW D | PIONEER OIL COMPANY INC PANTERA ENERGY COMPANY PANTERA ENERGY COMPANY |
|---------------------------|---|---|--|------------------------------|----------------------|----------|-----------------------------------|-----|-----|-------------|--------------------|---|
| | N 4-1 N 4-2 B-2 (ST LOUIS) B-2 (ST LOUIS) D-1 (UPPER CHESTER) D-1 (UPPER CHESTER) -1-28 -1-28 -1-28 -1-28 -1-28 -1-28 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1-28 -1-33 -1 | 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 0.756000 0.756000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.218750 0.218750 | SAME SAME SAME | SAME SAME | | | | | | MORROW D | PANTERA ENERGY COMPANY |
| | N 4-2 B-2 (ST LOUIS) B-1 (ST LOUIS) D-1 (UPPER CHESTER) D-1 (UPPER CHESTER) 1-28 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | 1.000000 | 0.875000 0.875000 0.875000 0.875000 0.875000 0.218750 0.218750 | SAME SAME | SAME | | | | | | INICOOCAN | DANITEDA ENERGY COMPANY |
| | B-2 (ST LOUIS) 3-1 3-2 (ST LOUIS) 3-2 (ST LOUIS) 0-1 (UPPER CHESTER) 1-28 1-128 1-13 1-13 1-13 1-13 1-13 1-13 1-13 1-1 | 1.000000 1.000000 1.000000 0.250000 0.250000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 0.875000 0.875000 0.875000 0.218750 0.218750 0.218750 | SAME | | П | | 4N | 12E | SW NE SW SW | IVIORROVV | |
| | 8-1 8-2 (ST LOUIS) 0-1 (UPPER CHESTER) 0-1 (UPPER CHESTER) 1-28 1-33 1-13 1-13 1-13 1-13 1-13 1-13 1-1 | 1.000000 1.000000 0.1500000 0.1500000 1.000000 1.000000 0.7500000 0.7500000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 0.875000 0.875000 0.218750 0.218750 | | SAME | T | 0 | | | | ST. LOUIS | PANTERA ENERGY COMPANY |
| | B-2 (ST LOUIS) D-1 (UPPER CHESTER) 1-28 -1-28 -1-23 -1-23 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -13 | 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 0.875000 0.2187500 0.875000 | SAME | SAME | KS SEW | SEWARD 1 | 355 | 34W | | | PANTERA ENERGY COMPANY |
| | D-1 (UPPER CHESTER) 1-28 1-28 1-28 1-33 1-1-33 1-1-33 1-1-33 1-1-33 1-1-33 1-2-33 1 | 1.000000 0.250000 1.000000 1.000000 0.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 0.218750 0.875000 | SAME | SAME | | SEWARD 2 | 355 | 34W | | ST LOUIS | PANTERA ENERGY COMPANY |
| | 1-28 2 2 1-33 1-1-3 1-1-3 1-1-3 1-1-3 1-1-3 1-1-3 1-1-3 1-1-3 1-1 1-3 1-1 1-3 1-1 1-1 | 0.256000 1.000000 1.000000 1.000000 0.756000 0.756000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.218750 0.875000 | SAME | SAME | | SEWARD 17 | 355 | 34W | | multiple | PANTERA ENERGY COMPANY |
| | 2 -1-33 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -1-13 -13 | 1.00000 1.00000 1.000000 0.750000 0.750000 0.750000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | OK BEA | BEAVER 28 | 2N | 22E | NWSE | CHESTER | COURSON OIL & GAS INCORPORATED |
| | 1-13 1-13 1-13 (| 1.00000 1.00000 0.750000 0.750000 0.750000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | | SAME | SAME | OK TEXAS | (AS 32 | | 13E | | MORROW C | PANTERA ENERGY COMPANY |
| | -1-33 -1-33 -1-13 -1-13 -1-13 -1-13 -1-1 -1-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 | 1.00000 1.00000 0.75000 0.75000 0.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.846399 | SAME | SAME | OK TEXAS | | 6N | 13E | | MORROW C | PANTERA ENERGY COMPANY |
| | -1-33 -1-33 -1-13 -1-3 -1-3 -1-3 -1-3 - | 1.00000 0.75000 0.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | | | | 13E | | KEYES | PANTERA ENERGY COMPANY |
| | -1-33 1-13 1-13 (V-3 (CHESTER) (N-3 (CHESTER) (E-3 (CH LOUIS) (E-1 (ST LOUIS) (C-1 (ST LOUIS) (C-1 (ST LOUIS) (C-1 (ST LOUIS) (S-15) (S-15) (S-15) (S-12) (| 0.75000 0.00000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | OK TEX | TEXAS 31 | | 13E | | MORROW | PANTERA ENERGY COMPANY |
| | 1-13 1.4.3 (CHESTER) 1.8-3 (CHESTER) 1.8-5 1.8-5 1.8-5 1.0-1 (MARMATON) 2.1 2.1 2.1 2.3 3.15 2.3 2.1 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.2 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.1 2.3 2.3 2.1 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 2.3 | 0.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.656250 | SAME | SAME | Γ | BEAVER 33 | | 20E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| | 4 4-3 (CHESTER) : 8-3 : 8-4 : 8-4 : 8-5 : 8-5 : 8-2 (ST LOUIS) 5 1 : 7 : 2 2 : 3-15 : 3-15 : 4-1 : K-1 | 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.0000000 | 0.015625 | SAME | SAME | Γ | BEAVER 13 | | 20E | NW | HUNTINGTON | HUNTINGTON ENERGY LLC |
| | 8-3 18-4 18-4 19-5 10-1 (MARMATON) 10-1 (MARMA | 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | KS SEV | | | | | CHESTER | PANTERA ENERGY COMPANY |
| | 8-4 8-5 18-5 1-1 (MARMATON) 5-1 (MARMATON) 5-2 3-15 3-15 3-15 3-15 3-15 3-15 3-15 3-15 | 1.000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.00000000 | 0.875000 | SAME | SAME | Γ | | | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| | 8-5 (-C-1 (ST LOUIS) (-D-1 (MARMATON) KA-2 (ST LOUIS) 0.1 0.1 0.2 2.2 0.3-15 K A-1 K A-1 | 1.000000 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | | | | | | ST. LOUIS | PANTERA ENERGY COMPANY |
| | . C-1 (ST LOUIS) 1.D-1 (MARMATON) K.A-2 (ST LOUIS) 0.1 0.2 0.2 1.5 2.2 1.5 2.2 1.5 2.5 1.5 2.5 1.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2 | 1.000000 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | | SEWARD 35 | | 34W | | ST LOUIS | PANTERA ENERGY COMPANY |
| | . D-1 (MARMATON) K.A-2 (ST LOUIS) 2.1 2.2 3.1.5 3.3.1 2.3 (UPPER CHESTER) K.A-1 | 1.000000 1.000000 1.000000 | 0.875000 | SAME | SAME | | SEWARD 34 | | | | ST LOUIS | PANTERA ENERGY COMPANY |
| | K 4-2 (ST LOUIS) 1 2 2 3-15 3 3-15 X 4-1 K 4-1 | 1.000000 | 0.875000 | SAME | SAME | Γ | | 335 | | SE | MARMATON | PANTERA ENERGY COMPANY |
| |) 1) 2) 3-15 K 32A (UPPER CHESTER) K A-1 | 1.000000 | 0.875000 | SAME | SAME | Γ | SEWARD 11 | | 34W | | ST LOUIS | PANTERA ENERGY COMPANY |
| | 12 03-15 K 32A (UPPER CHESTER) K A-1 | | 0.875000 | SAME | SAME | KS FIN | FINNEY 15 | | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| |) 3-15 K 32A (UPPER CHESTER) K A-1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 15 | | 34W | SENW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | K 32A (UPPER CHESTER) K A-1 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY 15 | | 34W | SESW | DEEP | PANTERA ENERGY COMPANY |
| | K A-1 | 0.125000 | 0.101563 | SAME | SAME | OK BEA | BEAVER 32 | 6N | 20E | NE | UPPER CHESTER | FOUNDATION ENERGY MANAGEMENT LLC |
| | | 1.00000 | 0.830889 | SAME | SAME | | SEWARD 11 | | 34W | | LOWER | PANTERA ENERGY COMPANY |
| | -2 | 0.924651 | 0.798816 | SAME | SAME | KS STE | STEVENS 35 | | | | MORROW | PANTERA ENERGY COMPANY |
| | HEADRICK A-3 (CHESTER) | 1.000000 | 0.830889 | SAME | SAME | | | | | | CHESTER | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | 255 | | SENWSE | CHASE GROUP | |
| | | 1.000000 | 0.875000 | SAME | SAME | | KEARNY 6 | 25S | | SWNE | COUNCIL GROVE | |
| | -6 | 1.000000 | 0.875000 | SAME | SAME | | KEARNY 6 | | | SENW | DEEP | PANTERA ENERGY COMPANY |
| | T, | 0.989583 | 0.867023 | SAME | SAME | | | | | | MORROW F | PANTERA ENERGY COMPANY |
| 3513924084 HELEN 19-1 H | н 1-6 | 1.000000 | 0.811119 | SAME | SAME | OK TEX | | | | NE | ADMIRE | PANTERA ENERGY COMPANY |
| | 1-1 | 1.000000 | 0.847656 | SAME | SAME | | STEVENS 23 | | | | MORROW C | PANTERA ENERGY COMPANY |
| 1518922153 HITTLE A-5 | HITTLE A-5 (L MORROW) | 0.924651 | 0.798816 | SAME | SAME | KS STE | | | | | LOWER | PANTERA ENERGY COMPANY |
| | HITTLE A-6 (U MORROW) | 0.924651 | 0.798816 | SAME | SAME | | 5 | | | | | PANTERA ENERGY COMPANY |
| 1505521826 HJV BROWN M-1 | WN M-1 | 1.000000 | 0.812500 | SAME | SAME | | FINNEY 15 | | 34W | NN | MORROW A | PANTERA ENERGY COMPANY |
| | HJV CHRISTOPHER A-1 | 1.000000 | 0.812500 | SAME | SAME | | STEVENS 3 | 335 | | | LOWER | PANTERA ENERGY COMPANY |
| | HJV CORNELL UNIVERSITY A-1 | 1.000000 | 0.803125 | SAME | SAME | | STEVENS 3 | 335 | | | MORROW | PANTERA ENERGY COMPANY |
| | HJV CORNELL UNIVERSITY B-1 | 1.000000 | 0.784375 | SAME | SAME | | STEVENS 6 | | | NE | LOWER | PANTERA ENERGY COMPANY |
| | HJV MILLER A-1 (L MORROW) | 1.000000 | 0.812500 | SAME | SAME | KS STE | | | | | LOWER | PANTERA ENERGY COMPANY |
| 1518922399 HJV MUNCY A-1 | ICY A-1 | 1.000000 | 0.812500 | SAME | SAME | | S | | | MM | LOWER | PANTERA ENERGY COMPANY |
| 1506721534 HJV ROTH A-1 | H A-1 | 1.000000 | 0.812500 | SAME | SAME | | | | | SE | MORROW | PANTERA ENERGY COMPANY |
| | VIDT A-1 | 1.000000 | 0.936719 | SAME | SAME | | | | | | MORROW | PANTERA ENERGY COMPANY |
| 1518922278 HJV SPRING A-1 | NG A-1 | 0.50000 | 0.437500 | SAME | SAME | | STEVENS 29 | | | | MORROW | PANTERA ENERGY COMPANY |
| 1508121330 HJV WINTE | HJV WINTER A-1 (U MORROW) | 1.000000 | 0.812500 | SAME | SAME | KS HAS | HASKELL 1 | 28S | 34W | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 1508121375 HJV WINTE | HJV WINTER A-2 (U MORROW) | 1.000000 | 0.812500 | SAME | SAME | | HASKELL 1 | 285 | | NE | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 1517521405 HOME ROY | HOME ROYALTY A-2 | 0.473618 | 0.414416 | SAME | SAME | KS SEV | SEWARD 17 | 315 | 34W | | CHESTER | CASILLAS PETROLEUM CORPORATION |
| 1517521773 HOME ROY | HOME ROYALTY A-4 | 0.473618 | 0.414416 | SAME | SAME | KS SEV | SEWARD 17 | 315 | 34W | | KANSAS CITY | CASILLAS PETROLEUM CORPORATION |

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| 1517521821 | HOME ROYALTY A-5 | 0.473618 | 0.414416 | SAME | SAME | | SEWARD 3 | | 31S | 34W | | CHESIEK | LASILLAS PETRULEUNI CURPUNATION |
|------------|-----------------------------|----------|----------|-------|------|-------------|-----------|-------|---------------------------------------|-------|--------------|--|-------------------------------------|
| 1506720342 | HOOPER 1-28 | 1.000000 | 0.875000 | SAME | SAME | KS S | GRANT 2 | | 30S | 35W I | NENE | CHESTER | PANTERA ENERGY COMPANY |
| 3513935234 | KEENAN 2-26 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 2 | 26 4 | 4N | 13E | | KEYES 2 | PANTERA ENERGY COMPANY |
| | HOWLAND A-1 | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 3 | | | 34W | | MORROW | PANTERA ENERGY COMPANY |
| 3500721858 | HUEBNER 1-18 | 0.251663 | 0.204476 | SAME | SAME | OK | BEAVER 1 | 18 | SN | 21E | LOT 4 (SWSW) | CHESTER | COURSON OIL & GAS INCORPORATED |
| 3500723178 | HUEBNER B-1 | 1.000000 | 0.812500 | SAME | SAME | о К В | BEAVER 2 | 23 5 | SN | 20E | | LOWER CHESTER | PANTERA ENERGY COMPANY |
| 3500723821 | HUEBNER B-2 | 1.000000 | 0.812500 | SAME | SAME | OK B | BEAVER 2 | 23 5 | 5N | 20E | | BASAL CHESTER | PANTERA ENERGY COMPANY |
| | KMU 13-1 (HUNGATE 2-13) | 1.000000 | 0.875000 | SAME | SAME | | HASKELL 1 | | 29S | 34W | | multiple | PANTERA ENERGY COMPANY |
| 3513922775 | KEENAN A-7 (U MORROW) | 1.000000 | 0.875002 | SAME | SAME | | TEXAS 2 | | | 13E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| | KMU 13-4 (HUNGATE A-4) WSW | 1.000000 | N/A | SAME | SAME | | HASKELL 1 | | | 34W | | LANSING | PANTERA ENERGY COMPANY |
| 3513921101 | KEENAN B-1 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 3 | 36 4 | | 13E | | UPPER MORROW | |
| 1508121347 | KMU 13-3 (HUNGATE A-7) | 1.000000 | 0.875000 | SAME | SAME | | | | | 34W | | multiple | PANTERA ENERGY COMPANY |
| 3500722292 | ISAAC A-2 | 0.887500 | 0.702406 | SAME | SAME | | | | | | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1505521176 | ISABELLE 1-19 | 0.000000 | 0.125000 | SAME | SAME | | FINNEY | | | 34W | NWSWNE | | BEREXCO LLC |
| 1505522565 | ISABELLE 2-19 | 0.000000 | 0.125000 | SAME | SAME | | FINNEY | 19 2 | | 34W | | | BEREXCO LLC |
| 1512920025 | E-1 SNHOL | 0.000000 | 0.082030 | SAME | SAME | KS | MORTON | 6 | 32S | 41W | | MORROW | EXTREME ENERGY CO. |
| 1505500810 | 1 NOSNHOL | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 16 2 | 23S | 33W 3 | SWNE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520825 | JOHNSON 2-16 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | | | 33W | SESWNW | DEEP | PANTERA ENERGY COMPANY |
| 1505500466 | JONES 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 2 | | 34W | NWSE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520296 | JONES 2 | 1.000000 | 0.875000 | SAME | SAME | | | | 24S | 34W | | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520830 | JONES 3-2 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | | | 34W | NESE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 3500721257 | JONES A-1 | 0.875000 | 0.723515 | SAME | SAME | | BEAVER | | | 22E | | MORROW & | PANTERA ENERGY COMPANY |
| 1505500412 | 1 SSOL | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | | | 34W 1 | NWSE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520355 | JOSS 2 | 0.500000 | 0.437500 | SAME | SAME | | FINNEY | | 23S | 34W | N2 | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505521439 | E SSOL | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 36 2 | | 34W | SENW | CHASE | PANTERA ENERGY COMPANY |
| L505500475 | KANSAS 1 | 1.000000 | 0.875000 | SAME | SAME | | | | | | SWSWNE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520332 | KANSAS 2 | 1.000000 | 0.875000 | SAME | SAME | KS | | | 24S | | SW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520747 | KANSAS 3-11 | 1.000000 | 0.875000 | SAME | SAME | | | 11 | | | NE | DEEP | PANTERA ENERGY COMPANY |
| 1517521351 | KEATING-STEPHENS S-2 | 0.101525 | 0.080637 | SAME | SAME | | | 2 | | | NWSW | CHESTER | EDISON OPERATING COMPANY LLC |
| 1517521637 | KEATING-STEPHENS 6-2 | 0.101390 | 0.081112 | SAME | SAME | | | 2 | | 34W | | CHASE | EDISON OPERATING COMPANY LLC |
| 1517521747 | KEATING-STEPHENS A-5 | 0.539000 | 0.463454 | SAME | SAME | KS S | 0 | | | | | MORROW | PANTERA ENERGY COMPANY |
| 3513922779 | KEENAN B-3 | 1.000000 | 0.875000 | SAME | SAME | - | | | | | NW | ATOKA | PANTERA ENERGY COMPANY |
| 1508120367 | KMU 12-2 (CHARLES 2-12) WIW | 1.000000 | 0.875000 | SAME | SAME | | | | 29S | 34W | | multiple | PANTERA ENERGY COMPANY |
| 1508120370 | KMU 13-2 (HUNGATE 5-13) | 1.000000 | 0.875000 | SAME | SAME | | HASKELL | | | 34W | | multiple | PANTERA ENERGY COMPANY |
| 1508120847 | KMU 13-5 (HUNGATE A-6) WIW | 1.000000 | 0.875000 | SAME | SAME | | HASKELL | | | 34W | | MARMATON | PANTERA ENERGY COMPANY |
| 1517510140 | KELLER 1-25 | 1.000000 | 0.875000 | SAME | SAME | KS S | SEWARD 2 | 25 | 33S | 32W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521616 | KELLER D-1 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 2 | | | 32W | | LOWER | PANTERA ENERGY COMPANY |
| 1508120190 | KMU 14-1 (YUNCKER 2-14) | 1.000000 | 0.875000 | SAME | SAME | KS | HASKELL | 14 2 | 29S | 34W | | MARMATON | PANTERA ENERGY COMPANY |
| 3500723224 | LAW D-1 | 0.966535 | 0.787069 | SAME | SAME | | BEAVER | | | 22E | | CHESTER | PANTERA ENERGY COMPANY |
| 3500722697 | LAW FARMS 1-21 | 0.728016 | 0.593271 | SAME | SAME | OK | | | | 22E | | CHESTER | PANTERA ENERGY COMPANY |
| 3500722974 | LAW FARMS 3-21 | 0.746098 | 0.607963 | SAME | SAME | | BEAVER | | | 22E | | CHESTER | PANTERA ENERGY COMPANY |
| 1505500393 | LEAVITT 1 | 1.000000 | 0.875000 | SAME | SAME | KS | | | | 34W | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520381 | LEAVITT 3 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 17 1 | | 34W | W2 | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520740 | LEAVITT 4-17 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 17 1 | 23S | 34W | NE | DEEP | PANTERA ENERGY COMPANY |
| 1505500622 | LEE 1 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 32 | 25S | 34W | SENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520300 | LEE 2 | 0.800000 | 0.683594 | SAME | SAME | KS | | | 25S | 34W | W2E2 | COUNCIL GROVE | |
| 1508120233 | KMU 14-2 (YUNCKER 5-14) | 1.000000 | 0.875000 | SAME | SAME | KS F | HASKELL | | 29S | 34W | | MARMATON | PANTERA ENERGY COMPANY |
| 1508120846 | KMU 14-3 (YUNCKER A-8) | 1.000000 | 0.875000 | SAME | SAME | KS F | | 14 24 | | 34W | | MARMATON | PANTERA ENERGY COMPANY |
| | LEMON TRUST B-1 (MORROW) | 1.000000 | 0.759453 | SAME | SAME | | | | 34S | 32W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521775 | | | 0 759453 | CANAG | CAME | | | | 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | | | and the second s | |

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| 3513930209 | LEVALLEY A-1 | 11.00000 | 0.875000 | SAIVIE | SAIVIE | 5 | | | | | | | |
|------------|----------------------------|----------|----------|----------|----------|----------|---------|----|-----|------|----------|----------------------|-------------------------------------|
| 1517520231 | LIGHT 1-5 | 0.00000 | 0.125000 | SAME | SAME | ß | SEWARD | 5 | 34S | 32W | | LOWER | EDISON OPERATING COMPANY LLC |
| 1505500727 | LOCKWOOD 1 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 14 | 26S | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520298 | LOCKWOOD 2 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 14 | 26S | 34W | N2 | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520823 | LOCKWOOD 3-14 | 1.00000 | 0.875000 | SAME | SAME | KS | FINNEY | 14 | 26S | 34W | NENW | DEEP | PANTERA ENERGY COMPANY |
| 3500721962 | LOEPP B-1 | 1.000000 | 0.781498 | SAME | SAME | ОК | BEAVER | 34 | SN | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1518921778 | LOFLIN A-2 | 0.566093 | 0.495331 | SAME | SAME | KS | STEVENS | ч | 33S | 38W | | LOWER | PANTERA ENERGY COMPANY |
| 1508121350 | KMU 14-5 (YUNCKER A-9) WIW | 1.000000 | 0.875000 | SAME | SAME | KS | HASKELL | 14 | 29S | 34W | | multiple | PANTERA ENERGY COMPANY |
| 1508120854 | KMU 14-6 (YUNCKER B-2) WIW | 1.000000 | 0.875000 | SAME | SAME | KS | HASKELL | 14 | 29S | 34W | SWNENE | MARMATON | PANTERA ENERGY COMPANY |
| 1509321492 | LOUCKS A-3 | 0.750000 | 0.656250 | SAME | SAME | KS | KEARNY | 18 | 24S | 36W | NWNE | CHASE | PANTERA ENERGY COMPANY |
| 1509300443 | LOUCKS A-1 | 0.750000 | 0.656250 | SAME | SAME | KS | KEARNY | 18 | 24S | 36W | E2E2SW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1509320382 | LOUCKS A-2 | 0.750000 | 0.656250 | SAME | SAME | KS | KEARNY | 18 | 24S | 36W | SWNW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1509300432 | LOUCKS B-1 | 0.750000 | 0.656250 | SAME | SAME | KS | KEARNY | 8 | 24S | 36W | SENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1509321496 | LOUCKS B-3 | 0.750000 | 0.656250 | SAME | SAME | KS | KEARNY | 8 | 24S | 36W | NENE | CHASE | PANTERA ENERGY COMPANY |
| 3500724365 | LOWREY A-1 (B CHESTER) | 1.000000 | 0.812500 | SAME | SAME | ок | BEAVER | 36 | SN | 20E | | BASAL CHESTER | PANTERA ENERGY COMPANY |
| 3500722247 | LYNCH 1-1 | 0.252886 | 0.205470 | SAME | SAME | У | BEAVER | 1 | 4N | 21E | | CHESTER | MONTEREY PRODUCTION COMPANY LLC |
| 3500721924 | LYNCH C-1 | 0.983430 | 0.831616 | SAME | SAME | УÓ | BEAVER | 27 | SN | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1517521124 | MAHONEY A-1 | 1.000000 | 0.875000 | SAME | SAME | KS KS | SEWARD | 27 | 34S | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517521388 | MALIN A-3 | 1.000000 | 0.875000 | SAME | SAME | | SEWARD | 34 | 33S | 34W | | CHESTER | PANTERA ENERGY COMPANY |
| 1517521633 | MALIN A-4 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 34 | 33S | 34W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521691 | MALIN B-1 (U MORROW) | 1.000000 | 0.812500 | SAME | SAME | KS | SEWARD | m | 33S | 32W | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3500721328 | MANSFIELD A 1 ST 6321 | 0.250000 | 0.205790 | SAME | SAME | оқ | BEAVER | 25 | 3N | 22E | | CHESTER | NATURAL GAS ANADARKO COMPANY |
| 1517520498 | MARCELLUS A-1 | 1.000000 | 0.875000 | SAME | SAME | ß | SEWARD | 23 | 33S | 34W | | CHESTER 2 | PANTERA ENERGY COMPANY |
| 1508120909 | KMU 14-7 (YUNCKER B-3) WIW | 1.000000 | 0.875000 | SAME | SAME | KS | HASKELL | 14 | 29S | 34W | | CHESTER | PANTERA ENERGY COMPANY |
| 3513922723 | KREY D-1 (MORROW F) | 1.000000 | 0.875000 | SAME | SAME | ОК | TEXAS | 31 | 6N | 12E | | MORROW F | PANTERA ENERGY COMPANY |
| 3513922769 | KREY D-2 (MORROW F) | 1.000000 | 0.875000 | SAME | SAME | | TEXAS | 31 | 6N | 12E | | MORROW F | PANTERA ENERGY COMPANY |
| 1517530014 | MCAHREN A-1 | 1.000000 | 0.859375 | SAME | SAME | | SEWARD | 24 | 34S | 33W | | LOWER | PANTERA ENERGY COMPANY |
| 1517520060 | MCAHREN B-1 | 1.000000 | 0.859375 | SAME | SAME | KS | SEWARD | 24 | 34S | 33W | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3513922404 | MCCLANAHAN 3-32 | 1.000000 | 0.878955 | SAME | SAME | OK | TEXAS | 32 | 6N | 12E | | MORROW C | PANTERA ENERGY COMPANY |
| 1517510148 | MCCLURE E-1 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 5 | 34S | 31W | | LOWER | PANTERA ENERGY COMPANY |
| 1517521613 | MCCLURE I-1 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 5 | 34S | 31W | | LOWER | PANTERA ENERGY COMPANY |
| 1517520424 | MCGEE 2 | 0.000000 | 0.109375 | SAME | SAME | KS | SEWARD | 18 | 33S | 34W | SW SW SE | RESERVOIR 01 | EXTREME ENERGY CO. |
| 1505500482 | MCGONIGAL 1 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 18 | 24S | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520277 | MCGONIGAL 1-2 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 18 | 24S | 34W | NW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520750 | MCGONIGAL 3-18 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 18 | 24S | 34W | NENW | DEEP | PANTERA ENERGY COMPANY |
| 1517530082 | LEMERT A-1 | 1.00000 | 0.875000 | SAME | SAME | KS | SEWARD | 4 | 35S | 34W | | TORONTO 2 | PANTERA ENERGY COMPANY |
| 3513922888 | LONG C-1 (CHEROKEE) | 1.000000 | 0.812500 | SAME | SAME | ОК | TEXAS | 12 | 4N | 13E | | CHEROKEE | |
| 3513922852 | LONG D-1 (U MORROW) | 1.000000 | 0.812500 | SAME | SAME | ОК | TEXAS | 7 | 4N | 14E | | UPPER MORROW | |
| 1517521743 | LEMERT C-1 (B CHESTER) | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 7 | 35S | 33W | | BASAL CHESTER | PANTERA ENERGY COMPANY |
| 1517520510 | MATKIN A-1 | 1.000000 | 0.850220 | SAME | SAME | KS | SEWARD | 34 | 34S | 34W | | CHESTER | PANTERA ENERGY COMPANY |
| 1517521749 | MATKIN A-3 (SWD) | 1.000000 | N/A | SAME | SAME | KS | SEWARD | 34 | 34S | 34W | SESW | | PANTERA ENERGY COMPANY |
| 3513935820 | MCMURRY A-1 | 0.632261 | 0.550345 | SAME | SAME | ок | TEXAS | 16 | 6N | 10E | | TOPEKA 2 | PANTERA ENERGY COMPANY |
| 1517521199 | MEHL A-2 | 1.000000 | 0.859375 | SAME | SAME | KS | SEWARD | 26 | 34S | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 3513920796 | MESSINGER A-1 | 1.000000 | 0.875002 | SAME | SAME | | TEXAS | 13 | 4N | 12E | | UPPER MORROW | PANTERA ENERGY COMPANY |
| 3500722331 | MATKIN B-1 (U MORROW) | 0.750000 | 0.609375 | SAME | SAME | ок | BEAVER | 6 | SN | 20E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1518922431 | METTS A-4 | 0.50000 | 0.437500 | SAME | SAME | KS | STEVENS | 11 | 32S | 38W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1518922437 | METTS A-5 | 1.000000 | 0.950000 | 0.500000 | 0.512500 | KS | STEVENS | 12 | 32S | 38W | NW | MORROW | PANTERA ENERGY COMPANY |
| 1517520526 | MCHARGUE A-2 | 1.000000 | 0.875000 | SAME | SAME | KS | SEWARD | 2 | 33S | 34W | NESW | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517521681 | MILHON B-1 (CHESTER) | 1.000000 | 0.812500 | SAME | SAME | KS | SEWARD | 4 | 335 | INCC | | CHESTER | PANTERA ENERGY COMPANY |
| | | | | | | | | | 222 | 1170 | | | |

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| and BCE-Mach LLC | |
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| 1517520856 | MCHARGUE A-3 (OIL) | 1.00000 | 0.875000 | SAME | SAME | KS SE | SEWARD 2 | 335 | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
|------------|--|----------|----------|------|------|--------|------------|-------|-------|-------------|---------------|-------------------------------------|
| 1517521652 | MCHARGUE A-4 (ST LOUIS) | 1.00000 | 0.875000 | SAME | SAME | | SEWARD 2 | | 34W | SW | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517522286 | MCHARGUE A-5 | 1.000000 | 0.875000 | | | | | | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517522287 | MCHARGUE A-6 | 1.00000 | 0.875000 | | | Γ | SEWARD 2 | | 5 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1508121061 | MLP BLACK 2-3 | 0.000000 | 0.051693 | SAME | SAME | | | | 5 34W | | CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121459 | MLP BLACK 3-2 | 0.250000 | 0.246914 | SAME | SAME | | HASKELL 2 | 305 | 5 34W | SW | CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121067 | MLP BLACK 3-3 | 0.000000 | 0.051693 | SAME | SAME | | HASKELL 3 | 305 | 34W | | CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121499 | MLP BLACK 4-2 | 0.250000 | 0.246914 | SAME | SAME | | HASKELL 2 | | | E SE SW | | EDISON OPERATING COMPANY LLC |
| 1508121068 | MLP BLACK 4-3 | 0.000000 | 0.051693 | SAME | SAME | KS HA | | | | | BASAL CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121158 | MLP BLACK 5 3 | 0.500000 | 0.465000 | SAME | SAME | | HASKELL 3 | | 5 34W | | MISSISSIPPIAN | EDISON OPERATING COMPANY LLC |
| 1508121204 | MLP CLAWSON TRUST 1 35 | 0.50000 | 0.496250 | SAME | SAME | | HASKELL 35 | 5 295 | 5 34W | NW SW | | EDISON OPERATING COMPANY LLC |
| 1508121220 | MLP CLAWSON TRUST 2 35 | 0.250000 | 0.296250 | SAME | SAME | | HASKELL 35 | 5 295 | 5 34W | NW NW | | EDISON OPERATING COMPANY LLC |
| 1508121505 | MLP CLAWSON TRUST 4-34 | 0.000000 | 0.051693 | SAME | SAME | KS HA | HASKELL 34 | | 5 34W | NWSWN | CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121422 | MLP CLAWSON TRUST 4-35 | 0.250000 | 0.296250 | SAME | SAME | | | | | SESW | CHESTER | CHESAPEAKE OPERATING INCORPORATED |
| 1517521730 | MCHARGUE B-1 | 1.00000 | 0.836778 | SAME | SAME | | Г | | 34W | | TORONTO | PANTERA ENERGY COMPANY |
| 1518922381 | MLP CLOSE E-1 | 0.512054 | 0.482526 | SAME | SAME | KS ST | STEVENS 34 | | Γ | | | PANTERA ENERGY COMPANY |
| 1518921336 | METTS A-2 | 1.000000 | 0.912500 | SAME | SAME | | Γ | | | | LOWER | PANTERA ENERGY COMPANY |
| 1518922449 | METTS A-6 | 0.50000 | 0.512500 | SAME | SAME | | | 2 325 | | NW | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517521231 | MLP BAUGHMAN A | 0.862500 | 0.755000 | SAME | SAME | | | | | | MARMATON | PANTERA ENERGY COMPANY |
| 1518921559 | MLP KANSAS UNIVERSITY A-1 | 0.862500 | 0.755616 | SAME | SAME | | STEVENS 20 | | 38W | | MORROW | PANTERA ENERGY COMPANY |
| 1508121058 | MLP LEATHERS LAND 2-10 | 0.000000 | 0.051693 | SAME | SAME | | HASKELL 10 | | | | MORROW | EDISON OPERATING COMPANY LLC |
| 1508121230 | MLP LESLIE 1-26 | 0.50000 | 0.465000 | SAME | SAME | | | | | SESE | ST. GENEVIEVE | CHESAPEAKE OPERATING INCORPORATED |
| 1517521374 | MLP BAUGHMAN B-1. NOW MLP BAUGHMAN "C" 1 | 0.862500 | 0.755000 | SAME | SAME | | | | | | CHESTER | PANTERA ENERGY COMPANY |
| 1508121236 | MIPBIACK12 | 0 50000 | 0.443828 | SAME | SAME | | Γ | | | NW NW | | FDISON OPERATING COMPANY LLC |
| 1508121444 | MLP BLACK 2-2 | 0.50000 | 0.443828 | SAME | SAME | | | 305 | | | CHESTER. | EDISON OPERATING COMPANY LLC |
| 1518922330 | MLP CLOSE A-1 | 0.512054 | 0.474643 | SAME | SAME | | | | | | | PANTERA ENERGY COMPANY |
| 1518922316 | MLP CORNELL UNIVERSITY A-1 | 0.612500 | 0.490000 | SAME | SAME | | | | W6E 5 | SW SW | | PANTERA ENERGY COMPANY |
| 1508121172 | MLP SANTALA 2-26 | 0.50000 | 0.465000 | SAME | SAME | KS HA | HASKELL 26 | 6 29S | | | | EDISON OPERATING COMPANY LLC |
| 1508121170 | MLP SANTALA 3-26 | 0.50000 | 0.465000 | SAME | SAME | | HASKELL 26 | | 34W | | MISSISSIPPIAN | EDISON OPERATING COMPANY LLC |
| 1508120858 | MLP SANTALA A-1-26 | 0.50000 | 0.465000 | SAME | SAME | KS H/ | HASKELL 26 | 6 29S | 34W | | KANSAS CITY | EDISON OPERATING COMPANY LLC |
| 1508121151 | MLP SCHNELBACHER TRUST 1-4 | 0.50000 | 0.465000 | SAME | SAME | KS HA | HASKELL 4 | | 5 34W | | MISSISSIPPIAN | EDISON OPERATING COMPANY LLC |
| 1508121187 | MLP SCHNELBACHER TRUST 2-4 | 0.50000 | 0.465000 | SAME | SAME | | HASKELL 4 | | 5 34W | N2SWSE | MERAMEC | CHESAPEAKE OPERATING INCORPORATED |
| 1508121200 | MLP SCHNELBACHER TRUST 3-4 | 0.50000 | 0.465000 | SAME | SAME | KS HA | | | | | MISSISSIPPIAN | EDISON OPERATING COMPANY LLC |
| 1518922338 | MLP SHANK A-1 | 0.00000 | 0.065000 | SAME | SAME | | STEVENS 3: | | | SE SW | | SCOUT ENERGY MANAGEMENT LLC |
| 1518921445 | MLP DALE A-1 | 0.862500 | 0.755000 | SAME | SAME | | STEVENS 19 | | | | MORROW | PANTERA ENERGY COMPANY |
| 1508121616 | MLP TILLER A-2 | 0.000000 | 0.065000 | SAME | SAME | | | | | | CHESTER | EDISON OPERATING COMPANY LLC |
| 1508121232 | MLP WINSTED A-6 | 0.00000 | 0.065000 | SAME | SAME | | | | | | ST. LOUIS | DARRAH OIL COMPANY LLC |
| 1506721115 | MLP GILMORE 'A' 1 | 0.862500 | 0.755000 | SAME | SAME | | | | | | CHESTER | PANTERA ENERGY COMPANY |
| 1518922311 | MLP YOUNGREN B-1 | 0.000000 | 0.065000 | SAME | SAME | | | | 39W | NW SW | _ | PIONEER NATURAL RESOURCES USA, INC. |
| 1517521449 | MLP YOUNG TRUST 1-5 | 0.50000 | 0.465001 | SAME | SAME | KS SE | SEWARD 5 | 315 | 5 34W | C SE SW | BSL CHESTER | PANTERA ENERGY COMPANY |
| 1505500583 | MOODY 1 (SWD) | 1.00000 | N/A | SAME | SAME | KS FII | FINNEY 29 | | 5 33W | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520297 | MOODY 2 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY 29 | 9 255 | 5 33W | SESENW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520826 | MOODY, EC 3-29 | 1.000000 | 0.875000 | SAME | SAME | | | | 33W | SESENE | DEEP | PANTERA ENERGY COMPANY |
| 1505522327 | MOODY, EC 4-29 | 1.00000 | 0.875000 | SAME | SAME | KS FII | | | 33W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1505522352 | MOODY, EC 5-29 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY 29 | | 33W | SE NE NW SW | PAWNEE, | PANTERA ENERGY COMPANY |
| 1518922303 | MLP SIMMONS A 1 | 0.612500 | 0.490000 | SAME | SAME | | S | | | Γ | | PANTERA ENERGY COMPANY |
| 1505522415 | MOODY, EC 6-29 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 29 | | 33W | SE NW SW SW | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1505500718 | MOODY, WM 1 | 1.00000 | 0.875000 | SAME | SAME | | | | | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 3500722659 | MORRIS LEON 1-12 | 0.978820 | 0.768746 | SAME | SAME | | BEAVER 12 | | 21E | NE | CHESTER | PANTERA ENERGY COMPANY |
| 1505521573 | MOWBRAY 3 | 0.625000 | 0.546875 | SAME | SAME | | | | | SWSE | CHASE | PANTERA ENERGY COMPANY |
| | | | | | | | | | | | | |

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| 1505500687 | | | 0 546875 | CAME | SAME | HK E | FINNEY | ~ | 265 | 33W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
|------------|--------------------------|----------|----------|-----------|------------|------|---------|----|-----|-----|-------------|---------------|---------------------------------------|
| 1505520357 | MOWBRAY 2 | 0.625000 | 0.546875 | SAME | SAME | | | | 265 | 33W | N2 | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1518921182 | MYRICK A-1 | 1.000000 | 0.875000 | SAME | SAME | Γ | S | 25 | 33S | 35W | | MORROW | PANTERA ENERGY COMPANY |
| 1518922149 | MYRICK A-2 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | KS S | | 25 | 33S | 35W | | LOWER | PANTERA ENERGY COMPANY |
| 1505520267 | MOODY, WM 2-5 | 0.936564 | 0.803087 | SAME | SAME | | | 5 | 26S | 34W | NWSE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1517520410 | NIX D-1 | 1.000000 | 0.875000 | SAME | SAME | | SEWARD | 27 | 33S | 34W | | MORROW | PANTERA ENERGY COMPANY |
| 1517521571 | NIX K-1 (CHESTER) | 1.000000 | 0.875000 | SAME | SAME | | 0 | 33 | 33S | 34W | | CHESTER | PANTERA ENERGY COMPANY |
| 1505500729 | NOLAN 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 16 | 26S | 34W | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520268 | NOLAN 2 | 1.000000 | 0.875000 | SAME | SAME | | | 16 | 26S | 34W | SESENW | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520824 | NOLAN 4-16 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 16 | 26S | 34W | SWSESW | DEEP | PANTERA ENERGY COMPANY |
| 1505500692 | NOLAN B-1 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 13 | 26S | 33W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520895 | NOLAN B-2-13 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 13 | 26S | 33W | WNWN | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520835 | OHMES 2-22 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 22 | 26S | 32W | MNMN | | PANTERA ENERGY COMPANY |
| 3500722170 | PATTERSON C-1 | 0.718750 | 0.594727 | SAME | SAME | | BEAVER | 36 | SN | 21E | | HESTER | PANTERA ENERGY COMPANY |
| 3500724304 | PATTERSON COMPANY A 1-27 | 1.000000 | 0.844044 | SAME | SAME | | BEAVER | 27 | SN | 21E | NE | CHESTER | PANTERA ENERGY COMPANY |
| 3500722105 | PENNER B-1 | 0.468750 | 0.397339 | SAME | SAME | 0K | | 35 | SN | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1518921612 | PERRY A-2 | 1.000000 | 0.812500 | SAME | SAME | | STEVENS | 4 | 335 | 38W | | LOWER | PANTERA ENERGY COMPANY |
| 1518921555 | PERRY B-1 | 1.000000 | 0.875000 | SAME | SAME | | | 4 | 33S | 38W | | LOWER | PANTERA ENERGY COMPANY |
| 1509300092 | PIEPER 1-20 | 0.983398 | 0.806694 | SAME | SAME | | KEARNY | 20 | 235 | 35W | | CHASE | PANTERA ENERGY COMPANY |
| 1509321538 | PIEPER A-2H (INFILL) | 0.983398 | 0.806694 | SAME | SAME | | KEARNY | 20 | 235 | 35W | | CHASE | PANTERA ENERGY COMPANY |
| 1505520584 | PINEY 3 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 20 | 235 | 34W | MN | DEEP | PANTERA ENERGY COMPANY |
| 1505520601 | PINEY 5 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 20 | 235 | 34W | SW | DEEP | PANTERA ENERGY COMPANY |
| 1505520828 | MOODY. WM 3-5 | 1.00000 | 0.875000 | SAME | SAME | | FINNEY | 5 | 265 | 34W | NWSE | DEEP | PANTERA ENERGY COMPANY |
| 1505522569 | MOODY. EC 7-29 | 1.000000 | 0.875000 | SAME | SAME | | | 29 | 255 | 33W | NE NW NW SW | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517521400 | MORGAN N-1 | 1.000000 | 0.901042 | SAME | SAME | Γ | | 8 | 32S | 33W | | CHESTER | PANTERA ENERGY COMPANY |
| 1505500467 | POTTER 1 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | б | 24S | 34W | SWNE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520324 | POTTER 2 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 3 | 24S | 34W | NWSWN | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1505520744 | POTTER 3-3 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 3 | 24S | 34W | NENE | UNKNOWN | PANTERA ENERGY COMPANY |
| 1505520833 | POTTER 4-3 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | З | 24S | 34W | SENE | DEEP | PANTERA ENERGY COMPANY |
| 1505520485 | POTTER D-2 | 1.000000 | 0.863281 | SAME | SAME | | FINNEY | 21 | 25S | 32W | SWNE | SAINT LOUIS | PANTERA ENERGY COMPANY |
| 1505520615 | POTTER D-3 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 21 | 255 | 32W | SZNWNE | | PANTERA ENERGY COMPANY |
| 1505520425 | POTTER, UI D-1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 21 | 255 | 32W | NWSE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 3513935247 | POWELL (SWD) | 1.000000 | N/A | SAME | SAME | | TEXAS | 23 | 4N | 13E | | | PANTERA ENERGY COMPANY |
| 3513935830 | POWELL B-1 | 0.969557 | 0.851692 | 0.9340098 | 0.82477681 | OK T | TEXAS | 25 | 6N | 12E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 3513920769 | POWELL C-1 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS | 35 | 4N | 13E | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 1517520860 | POWELL D-2 | 0.500000 | 0.437500 | SAME | SAME | KS S | SEWARD | 26 | 34S | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 3513920251 | PRICE C-1 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS | 6 | 4N | 14E | | CHEROKEE | PANTERA ENERGY COMPANY |
| 3513921200 | PRICE D-2 | 0.750000 | 0.656250 | SAME | SAME | | TEXAS | 6 | 4N | 14E | | CHEROKEE | PANTERA ENERGY COMPANY |
| 1517521317 | MORGAN B-2 (ST LOUIS) | 1.000000 | 0.901042 | SAME | SAME | | SEWARD | 8 | 32S | 33W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517521611 | PRINTZ A-3 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | | SEWARD | 2 | 35S | 34W | | LOWER | PANTERA ENERGY COMPANY |
| 3513923122 | QUIGLEY DAVIS A-2 | 0.541667 | 0.583333 | SAME | SAME | | TEXAS | 23 | 6N | 10E | | TOPEKA | PANTERA ENERGY COMPANY |
| 3513923344 | QUIGLEY DAVIS A-3 | 1.000000 | 0.875000 | 0.541667 | TBD | | TEXAS | 23 | 6N | 10E | SW | TOPEKA | PANTERA ENERGY COMPANY |
| 3500723305 | RADCLIFF A-1 | 1.000000 | 0.808438 | SAME | SAME | | BEAVER | 23 | 6N | 23E | | L MORROW & U | PANTERA ENERGY COMPANY |
| 1517521332 | MORGAN B-3 (ST LOUIS) | 1.000000 | 0.901042 | SAME | SAME | | SEWARD | 80 | 32S | 33W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1505500385 | RAMSEY 1 | 0.250000 | 0.218750 | SAME | SAME | KS | FINNEY | 10 | 23S | 34W | | CHASE | SCOUT ENERGY MANAGEMENT LLC |
| 1505521254 | RAMSEY GAS UNIT 2HI -1 | 0.250000 | 0.218750 | SAME | SAME | KS | FINNEY | 10 | 23S | 34W | NESWSW | CHASE | SCOUT ENERGY MANAGEMENT LLC |
| 1518921609 | RATCLIFF B-2 | 1.000000 | 0.875000 | SAME | SAME | | STEVENS | 18 | 33S | 37W | | LOWER | PANTERA ENERGY COMPANY |
| 1518922148 | RATCLIFF B-3 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | | STEVENS | 18 | 33S | 37W | | LOWER | PANTERA ENERGY COMPANY |
| 3500722579 | RAVENSCROFT 13-2 | 0.000000 | 0.015625 | SAME | SAME | | BEAVER | 13 | 2N | 20E | SWSW | | HUNTINGTON ENERGY LLC |
| 1506721233 | RAY 1-35 | 0.215625 | 0.237500 | SAME | SAME | KS | GRANT | 35 | 29S | 35W | SE SE NW | CHESTER | DUNNE EQUITIES OPERATING INCORPORATED |
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| 3513920778 | NICHOLAS B-1 | 1.000000 | 0.875327 | SAME | SAME | | TEXAS | 24 | 4N | 12E | | MORROW | PANTERA ENERGY COMPANY |
|--------------|-----------------------------|----------|----------|--------|--------|----------|------------|----|---------|-------|------------|---------------|-------------------------------------|
| 1505520691 F | REEVE FEDERAL 32-2 | 1.000000 | 0.875000 | SAME | SAME | SX I | FINNEY | 32 | 25S | 34W | SESE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 3500722104 F | PLETT B-1 | 0.984375 | 0.816895 | SAME | SAME | ок | BEAVER | 23 | SN | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1505510017 F | REEVE, CL 2 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 7 | 26S | 34W | NENW | MORROW-MISS | PANTERA ENERGY COMPANY |
| 3500724321 F | PLETT TRUST A-1 (CHESTER) | 1.000000 | 0.781498 | SAME | SAME | OK | BEAVER | 20 | SN | 21E | | CHESTER | PANTERA ENERGY COMPANY |
| | RICE A-1 (MORROW) | 1.000000 | 0.875000 | SAME | SAME | | EWARD | 27 | 33S | 33W | | LOWER | PANTERA ENERGY COMPANY |
| | RIGGS 1 | 0.181053 | 0.158422 | SAME | SAME | | FINNEY | 6 | 26S | 33W | SESW | PERMIAN-CIGC | CASILLAS PETROLEUM CORPORATION |
| 1505520786 F | RIGGS 1-2 | 0.181053 | 0.158422 | SAME | SAME | KS | FINNEY | 5 | 26S | 33W | SENW | | |
| | RIGGS A-1 | 0.181054 | 0.158422 | SAME | SAME | | FINNEY | 9 | 26S | 33W | S2 | COUNCIL GROVE | _ |
| | RILEY E-1 | 1.000000 | 0.875000 | SAME | SAME | ok No | TEXAS | 36 | 6N | 12E | | MORROW C | PANTERA ENERGY COMPANY |
| | ROCO BLASER 1-29 | 0.468750 | 0.370313 | SAME | SAME | | SEWARD | 29 | 34S | 32W | NWNW | MORROW | EDISON OPERATING COMPANY LLC |
| | ROGER 1-18 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS | 18 | 4N | 13E | | UPPER MORROV | UPPER MORROW PANTERA ENERGY COMPANY |
| Γ | ROONEV B 1-7 | 0,00000 | 0.017515 | SAME | SAME | Γ | SEWARD | 2 | 315 | 34W | | | BEREXCO LLC |
| | POONEV B 2-7 | | 0.017515 | SAME | SAME | Γ | SEVARD | - | 315 | 34W | | | BEREXCO LLC |
| Τ | | 000000 | 0.047545 | - ANAL | CANAG | T | CENTADO | | 210 | INING | | | BEREYCO 11 C |
| 1 122170/101 | ROONEY B 3-7 | 0.00000 | CTC/TO'O | SAIVIE | SAIVIE | 2 5 | SEWARD | | CTC JFC | 11140 | | | MUCON PETROI ELIM CORPORATION |
| | ROUNEY B 4-/ | 0.00000 | CTC/TD'D | SAIVIE | SAIVIE | T | VL A DAILY | | STC | 11100 | 5 | | SCOLIT ENERGY MANAGEMENT ILC |
| Τ | KUH1-/ | 0.184/11 | 0.1649/1 | SAIME | SAIME | T | EARINT | | C+7 | MOC | 20 | | |
| | ROTH 1-9 | 0.000000 | 0.175000 | SAME | SAME | Τ | FINNEY | 6 | 23S | 34W | | | |
| 1505521425 | ROTH 2-9 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 6 | 23S | 34W | SWSWNE | COUNCIL GROVE | _ |
| 3500724440 | SAGER 2 | 0.000000 | 0.013672 | SAME | SAME | | BEAVER | 29 | 2N | 22E | | CHESTER | MONTEREY PRODUCTION COMPANY LLC |
| | MORGAN K-1A -CMNGLD- | 1.000000 | 0.901042 | SAME | SAME | | SEWARD | 7 | 32S | 33E | W SE SE NE | CHESTER, ST | PANTERA ENERGY COMPANY |
| | SANTA FE E-1 | 1.000000 | 0.750000 | SAME | SAME | KS | SEWARD | 9 | 32S | 33W | NENW | CHESTER | PANTERA ENERGY COMPANY |
| Γ | SANTA FE E-2 | 1.000000 | 0.750000 | SAME | SAME | | SEWARD | 6 | 32S | 33W | | CHESTER | PANTERA ENERGY COMPANY |
| | SANTA FE E-3 | 1.000000 | 0.750000 | SAME | SAME | | SEWARD | 9 | 32S | 33W | | CHESTER | PANTERA ENERGY COMPANY |
| Γ | SANTA FE E-4 (ST GENEVIEVE) | 1.000000 | 0.750000 | SAME | SAME | | SEWARD | 6 | 32S | 33W | | ST. GENEVIEVE | PANTERA ENERGY COMPANY |
| | SANTA FE E-S (SWD) | 1.000000 | N/A | SAME | SAME | | SEWARD | 9 | 32S | 33W | | PERMIAN | PANTERA ENERGY COMPANY |
| | SANTA FE LAND A-4 (CHESTER) | 1.000000 | 0.750000 | SAME | SAME | | SEWARD | 6 | 33S | 33W | | CHESTER | PANTERA ENERGY COMPANY |
| | SARGENT GEORGE A-2 | 0.000000 | 0.015625 | SAME | SAME | | BEAVER | 13 | ZN | 20E | | MORROW- | HUNTINGTON ENERGY LLC |
| | SCHEER 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 28 | 25S | 33W | | CHASE GROUP | PANTERA ENERGY COMPANY |
| | SCHEER 2 | 1.000000 | 0.875000 | SAME | SAME | | INNEY | 28 | 25S | 33W | SWNE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | SCHEER 3-28 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY | 28 | 255 | 33W | SENWSE | DEEP | PANTERA ENERGY COMPANY |
| | SHACKELFORD A -1 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS | 22 | 4N | 13E | | CHEROKEE 2 | PANTERA ENERGY COMPANY |
| | SHACKELFORD A-2 (CHEROKEE) | 1.000000 | 0.875000 | SAME | SAME | Γ | TEXAS | 22 | 4N | 13E | | CHEROKEE | PANTERA ENERGY COMPANY |
| | SHARER 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 15 | 24S | 34W | NESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| Γ | SHARER 3-15 | | 0.875000 | SAME | SAME | | INNEY | 15 | 24S | 34W | SWSE | DEEP | PANTERA ENERGY COMPANY |
| Γ | CHARER D-1-15 | | 0.875000 | SAME | SAME | | FINNEY | 15 | 245 | 34W | NNNN | COUNCIL GROVE | |
| | SHAWVER A-1 | | 0.875000 | SAME | SAME | ð | TEXAS | 1 | 3N | 12E | | UPPER MORROW | V PANTERA ENERGY COMPANY |
| Γ | CHAWVER A-2 | | 0.875000 | SAME | SAMF | | TEXAS | | 3N | 12E | | MORROW & | PANTERA ENERGY COMPANY |
| Τ | SHELL 2-13 | 0.878052 | 0.768539 | SAME | SAMF | Г | STEVENS | 13 | 335 | 38W | | LOWER | PANTERA ENERGY COMPANY |
| | DI FTT TRIIST R-1 (CHESTER) | 0 735797 | 0 678493 | SAME | SAMF | Γ | BFAVER | 26 | SN | 21E | | CHESTER | PANTERA ENERGY COMPANY |
| Γ | PRIEFERT D-1 (UL LANSING) | 1.000000 | 0.875000 | SAME | SAME | Γ | SEWARD | 35 | 33S | 33W | | UPPER LANSING | PANTERA ENERGY COMPANY |
| Γ | RADKE A-1 | 1.000000 | 0.875000 | SAME | SAME | ð | BEAVER | 31 | 6N | 20E | | LOWER CHESTER | PANTERA ENERGY COMPANY |
| Γ | SINN 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 33 | 25S | 34W | | CHASE GROUP | PANTERA ENERGY COMPANY |
| | SINN 2 | 0.90000 | 0.771094 | SAME | SAME | | FINNEY | 33 | 25S | 34W | | COUNCIL GROVE | |
| | SINN 3 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 33 | 255 | 34W | | DEEP | PANTERA ENERGY COMPANY |
| Γ | SMITH 1-26 | 1.000000 | 0.875000 | SAME | SAME | ŏ | TEXAS | 26 | 4N | 13E | | MORROW | PANTERA ENERGY COMPANY |
| | SMITH AC-1 (UPPER CHESTER) | 1.000000 | 0.812500 | SAME | SAME | | BEAVER | 7 | 4N | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| | REEVE 4-7 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY | 7 | 26S | 34W | NENE | DEEP | PANTERA ENERGY COMPANY |
| | SMITH AF-1-17 | 0.50000 | 0.406250 | CAME | CANE | Γ | | ţ | | | | DACAL CURCERD | DANTED A ENERGY COMPANIV |
| | | | | | | | SEAVER | 11 | 1 | 2TE | | BASAL CHESIER | |

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| | S UNIT 2 ST AE-1 ST AE-1 ANK WATERFLOOD A-2 ANK WATERFLOOD A-2 ANK WATERFLOOD A-3 ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) | 1.000000 0.924652 1.000000 | 0.803943 | SAME SAME | SAME | KS FIN | Π | | | | NWSE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
|--------------------------|--|----------------------------------|----------|--------------|------|--------|------------|--------|--------|----------|-------------|----------------|--|
| | NTERFLOOD A-2 ATERFLOOD A-2 ATERFLOOD A-3 ATERFLOOD A-3 ATERFLOOD A-4 (A/K/A MURPHY D-4) | 0.924652 1.000000 1.000000 | 0.803943 | SAME | CALL | | Ī, | | Γ | | | | |
| | ST AE-1 ST AE-1 I ANK WATERFLOOD A-2 ANK WATERFLOOD A-2 ANK WATERFLOOD A-3 ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) | 1.000000 | | | SAME | | STEVENS 2 | 25 315 | | 39W SE | u | | PANTERA ENERGY COMPANY |
| | ST AE-1 1 2ANK WATERFLOOD A-2 2ANK WATERFLOOD A-2 2ANK WATERFLOOD A-3 3ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) 3ANK WATERFLOOD A-4 (A/K/A MURPHY D-4) | 1.000000 | 0.875000 | SAME | SAME | | Γ | | | | NW NE SW NE | | PANTERA ENERGY COMPANY |
| | -4 RUST AE-1 V-1 -2- -2- -2- -2- -2- -2- -2- -2- -2- - | | 0.875000 | SAME | SAME | Γ | | | | | S S NE SE | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| | RUST AE-1 V-1 V-1 -1 -1 -1 -1 -1 -1 -1 -1 -1 | 0.924652 | 0.803943 | SAME | SAME | Γ | STEVENS 3(| | 31S 39 | | ш | | PANTERA ENERGY COMPANY |
| | V-1 -1 -1 -1 -1 | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 8 | | | <u> </u> | | | PANTERA ENERGY COMPANY |
| | -1 11 11 12 10 10 10 10 10 10 10 10 10 10 | 1.000000 | 0.812500 | SAME | SAME | OK BE | BEAVER 17 | | N 21E | щ | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| | 11 1 SUBANK WATERFLOOD A-2 EUBANK WATERFLOOD A-2 EUBANK WATERFLOOD A-4 EUBANK WATERFLOOD A-4 CHVA MURPHY D-4) | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 5 | | | щ | | ESTER | PANTERA ENERGY COMPANY |
| | 1 | 0.50000 | 0.381250 | SAME | SAME | | STEVENS 1: | | 34S 39 | 39W | | MORROW | EDISON OPERATING COMPANY LLC |
| | UBANK WATERFLOOD A-2 UBANK WATERFLOOD A-2 (A/K/A LEATHERS LAND A UUBANK WATERFLOOD A-3 EUBANK WATERFLOOD A-4 (A/K/A MURPHY D-4) CHUBANK WW WATERFLOOD A-4 | 0.230000 | 0.167500 | SAME | SAME | OK BE | BEAVER 1 | 16 5N | | 21E | | CHESTER | OIL FIELD PRODUCTION INC |
| | :UBANK WATERFLOOD A-2 (A/K/A LEATHERS LAND / UBANK WATERFLOOD A-3 LEBANK WATERFLOOD A-4 (A/K/A MURPHY D-4) | 0.138641 | 0.173004 | SAME | SAME | Γ | HASKELL 1 | | | 34W | | CHESTER/MORRO | CHESTER/MORRO EDISON OPERATING COMPANY LLC |
| | | 0.138641 | 0.173004 | SAME | SAME | Γ | HASKELL 1 | | | 34W N | N SE SE NW | | EDISON OPERATING COMPANY LLC |
| | | 0.138641 | 0.173004 | SAME | SAME | KS HA | HASKELL 1 | 10 30 | 30S 34 | 34W | | CHESTER/MORRO | CHESTER/MORRO EDISON OPERATING COMPANY LLC |
| | | 0.138641 | 0.173004 | SAME | SAME | KS HA | HASKELL 3- | | | 34W SI | SW NW NW | | EDISON OPERATING COMPANY LLC |
| | | 0.138641 | 0.173004 | SAME | SAME | | HASKELL 3. | 34 29 | 29S 34 | 34W | | CHESTER/MORRO | CHESTER/MORRO EDISON OPERATING COMPANY LLC |
| | SMITH TRUST AE-3 | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 8 | | N 21E | щ | | 8 | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | KS FIN | | 28 25 | 25S 32 | | NENESW | CHASE GROUP | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 21 | | | | SWNENE | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | | | | 32W | | DEEP | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | SEWARD 3 | | | 33W | | CHESTER | PANTERA ENERGY COMPANY |
| | SPIKES A-6 (SWD) | 1.000000 | N/A | SAME | SAME | Γ | STEVENS 2: | | | 38W SE | U | LANSING | PANTERA ENERGY COMPANY |
| | | 0.975817 | 0.853840 | SAME | SAME | KS ST | STEVENS 1 | | | 38W | | LOWER | PANTERA ENERGY COMPANY |
| Γ | | 1.000000 | 0.875000 | SAME | SAME | OK TE | TEXAS 24 | | 6N 10E | E E | | WABAUNSEE | PANTERA ENERGY COMPANY |
| 1505500539 STALEY 1 | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 2 | | 25S 32 | 32W | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520387 STALEY 2 (SWD | | 1.000000 | N/A | SAME | SAME | | FINNEY 2: | | | | SENW | | PANTERA ENERGY COMPANY |
| 1508120916 STANTON A-2 | | 1.00000 | 0.875000 | SAME | SAME | KS HA | HASKELL 1- | 14 29 | 29S 34 | 34W | | MARMATON | PANTERA ENERGY COMPANY |
| 3513923395 STEPHENS 10-1 | | 1.000000 | 0.937500 | SAME | SAME | | TEXAS 1 | | | | SW | COUNCIL GROVE- | COUNCIL GROVE- PANTERA ENERGY COMPANY |
| 3500722038 STICKLER 1-12 | | 0.250000 | 0.203126 | SAME | SAME | | | | | щ | | | WILDWOOD OPERATING LLC |
| 3500721954 STICKLER A-1 | | 0.747500 | 0.607242 | SAME | SAME | OK BE | BEAVER 1 | | | щ | | | PANTERA ENERGY COMPANY |
| 3513920950 STOKES A-1 | | 1.000000 | 0.875000 | SAME | SAME | | | | | U. | | WF | PANTERA ENERGY COMPANY |
| 3513922686 SHRAUN | SHRAUNER B-4 (TOPEKA) | 1.000000 | 0.875000 | SAME | SAME | OK TE | | | | E E | | TOPEKA | PANTERA ENERGY COMPANY |
| 3513935833 SIMMONS C-1 | | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 3: | 55 6N | | | SWNE | MORROW UPPER | MORROW UPPER PANTERA ENERGY COMPANY |
| 3513922907 SMITH A | SMITH AD-3-27 (PRICE) | 1.000000 | 0.875000 | SAME | SAME | OK TE | TEXAS 2' | | N 13E | 3E | | ш | PANTERA ENERGY COMPANY |
| 1518922380 SMITH F | SMITH F-3 (ST LOUIS) | 0.924652 | N/A | SAME | SAME | | STEVENS 3 | 36 3: | | 39W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1518922426 SWALAR A-1 | | 1.000000 | 0.875000 | SAME | SAME | KS ST | STEVENS 7 | m | | | NW | | PANTERA ENERGY COMPANY |
| 1518922430 SWALAR B-1 | | 1.000000 | 0.875000 | SAME | SAME | | STEVENS 1 | | 31S 38 | | NM | MORROW | PANTERA ENERGY COMPANY |
| 1517530095 SWAN A-1 | | 1.000000 | 0.888021 | SAME | SAME | | | | | 3W | | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| | THOMAS_1HX-35 | 0.001563 | 0.001250 | SAME | SAME | OK BE | BEAVER 2 | 23 11 | | 20E | | MARMATON | RESOURCE OIL AND GAS LLC |
| 1517521583 TOBIAS. | TOBIAS A-1 (L MORROW) | 1.000000 | 0.875000 | SAME | SAME | | | | | 3W | | LOWER | PANTERA ENERGY COMPANY |
| 1505500658 TORELINE 1 | | 1.000000 | 0.875000 | SAME | SAME | | | 15 2(| 26S 32 | | SENW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520899 TORELIN | TORELINE 2X-15 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | | NENE | DEEP | PANTERA ENERGY COMPANY |
| 3500723540 TREGELLAS 8-1 | | 0.000000 | 0.054688 | SAME | SAME | | BEAVER 8 | | | 21E | | MORROW | RAW CRUDE OIL & GAS LLC |
| 3500721965 TRETBAR A-1 | | 1.000000 | 0.843750 | SAME | SAME | | BEAVER 1 | 11 51 | | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3513935262 TUCKER A-2 | | 1.000000 | 0.875000 | SAME | SAME | OK TE | TEXAS 8 | | 5N 12E | 2E | | MORROW G 2 | PANTERA ENERGY COMPANY |
| 1517520676 TUCKER K-1 | | 1.000000 | 0.812500 | SAME | SAME | | SEWARD 1 | | 35S 34 | 34W M | W NW SE | MORROW | PANTERA ENERGY COMPANY |
| 1517520729 TUCKER | TUCKER K-2 (L MORROW) | 1.000000 | 0.812500 | SAME | SAME | | SEWARD 1 | Ċ. | | 34W | | LOWER | PANTERA ENERGY COMPANY |
| | CHESTER) | 0.815033 | 0.694845 | SAME | SAME | KS SE | SEWARD 6 | | 35S 33 | 33W | | BASAL CHESTER | PANTERA ENERGY COMPANY |
| | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 2 | 21 23 | | 34W | | CHASE GROUP | CHASE GROUP PANTERA ENERGY COMPANY |
| 1505520382 TURRENTINE 3 | | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 2 | | | 34W SI | SW | COUNCIL GROVE | PANTERA ENERGY COMPANY |

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| 1505520742 | TURRENTINE 4-21 | 1.000000 | 0.875000 | SAME | SAME | KS N | FINNEY 21 | | 23S 34 | 34W | | DEEP | PANTERA ENERGY COMPANY |
|-------------|-------------------------------|----------|----------|------|------|---------|-----------|-------|--------|-----------|--------------|----------------|--------------------------------------|
| 3513921596 | ULLOM A-3 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 1 | 5N | 4 13E | | | MORROW C | PANTERA ENERGY COMPANY |
| 1517520400 | UNDERWOOD A-1 | 0.500000 | 0.437500 | SAME | SAME | | SEWARD 2 | 23 3. | 34S 34 | 34W SW | SW SW | LOWER | PANTERA ENERGY COMPANY |
| 1517520421 | UNDERWOOD A-2 | 0.500000 | 0.437500 | SAME | SAME | | SEWARD 2 | 23 34 | 34S 34 | 34W NE | NE SW | UPPER MORROW | UPPER MORROW PANTERA ENERGY COMPANY |
| 1517521346 | UNDERWOOD A-3 | 0.500000 | 0.437500 | SAME | SAME | KS | SEWARD 2 | 23 34 | 34S 34 | 34W SE SE | SE | CHESTER | PANTERA ENERGY COMPANY |
| 1517521579 | UNDERWOOD A-4 | 0.500000 | 0.377686 | SAME | SAME | Ks | SEWARD 2 | 23 3. | 34S 34 | 34W E S | E SW NE | CHESTER | PANTERA ENERGY COMPANY |
| 1517521630 | UNDERWOOD A-5 | 0.500000 | 0.377686 | SAME | SAME | Ks | SEWARD 2 | 23 3. | 34S 34 | 34W C NW | M | MORROW- | PANTERA ENERGY COMPANY |
| 1509300400 | UNREIN 1 | 1.000000 | 0.875000 | SAME | SAME | ß | KEARNY 1 | | 24S 35 | 35W SW | SWSWNE | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1509320498 | UNREIN 2 | 1.000000 | 0.875000 | SAME | SAME | | KEARNY 1 | 13 2, | | 35W | | COUNCIL GROVE | COUNCIL GROVE PANTERA ENERGY COMPANY |
| 1509321482 | UNREIN 3-X | 1.000000 | 0.875000 | SAME | SAME | | KEARNY 1 | | | 35W NW | | CHASE | PANTERA ENERGY COMPANY |
| 3513922872 | VAIL-GLATTHAAR A-1 (CHEROKEE) | 1.000000 | 0.874999 | SAME | SAME | | TEXAS 2 | 21 4N | V 13E | ų | | CHEROKEE | PANTERA ENERGY COMPANY |
| 3513922873 | VAIL-GLATTHAAR B-1 (CHEROKEE) | 1.000000 | 0.812500 | SAME | SAME | | TEXAS 2 | 2 4N | | 13E | | CHEROKEE | PANTERA ENERGY COMPANY |
| 3500721012 | VAN DEBURGH A-1 | 1.000000 | 0.826875 | SAME | SAME | | BEAVER 3 | | | 22E | | L MORROW & U | PANTERA ENERGY COMPANY |
| 3500723244 | VANDEBURGH C-1 | 1.000000 | 0.826875 | SAME | SAME | 0K | BEAVER 3 | | 3N 2: | 22E | | LOWER | PANTERA ENERGY COMPANY |
| 1518922447 | WALKER E-1 (SWD) | 1.000000 | N/A | SAME | SAME | | STEVENS 1 | 12 3: | 32S 32 | 38W SW | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1517520528 | SPEAKMAN A-1 | 1.000000 | 0.875000 | SAME | SAME | Ks | SEWARD 2 | | 33S 34 | 34W | | ST. LOUIS | PANTERA ENERGY COMPANY |
| 1505522325 | SPENCE 4-28 | 1.000000 | 0.875000 | SAME | SAME | KS | FINNEY 2 | | | 32W NV | NW NE SSE SE | MORROW | PANTERA ENERGY COMPANY |
| 3513922288 | WELSH B-2 | 1.000000 | 0.812500 | SAME | SAME | | TEXAS 2 | 21 6 | 6N 10 | 10E | | WAB, TPKA, GR- | PANTERA ENERGY COMPANY |
| 1505500474 | STONE 1 | 1.000000 | 0.875000 | SAME | SAME | | FINNEY 1 | | | 34W NESW | SW | CHASE GROUP | PANTERA ENERGY COMPANY |
| 1505520361 | STONE 2 | 1.000000 | 0.875000 | SAME | SAME | | | | | 34W W2 | | COUNCIL GROVE | |
| 1505520746 | STONE 3-10 | 1.000000 | 0.875000 | SAME | SAME | KS | | | 24S 34 | 34W | | DEEP | PANTERA ENERGY COMPANY |
| 1518921302 | SULLIVAN B-1 | 0.833333 | 0.729167 | SAME | SAME | Γ | STEVENS 3 | | | 39W | | MORROW 'G' | PANTERA ENERGY COMPANY |
| 3500722085 | WHISENANT 1-21 | 0.250000 | 0.203125 | SAME | SAME | | BEAVER 2 | | | 21E | | CHESTER | MONTEREY PRODUCTION COMPANY LLC |
| 3500722029 | WHISENANT A-1 | 0.735797 | 0.628493 | SAME | SAME | | BEAVER 2 | 26 5 | | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3513922684 | WHISENNAND 1-17 (TOPEKA) | 0.483071 | 0.436822 | SAME | SAME | XO | TEXAS 1 | 17 6 | 6N 1. | 11E | | TOPEKA | PANTERA ENERGY COMPANY |
| 1509320465 | WHITE 2 | 0.500000 | 0.437500 | SAME | SAME | | KEARNY 1 | | | 36W | | COUNCIL GROVE | PANTERA ENERGY COMPANY |
| 1509321493 | WHITE 3 | 0.50000 | 0.437500 | SAME | SAME | KS | KEARNY 1 | | | 36W SE | | CHASE | PANTERA ENERGY COMPANY |
| 1509300425 | WHITE, O 1 | 0.50000 | 0.437500 | SAME | SAME | | KEARNY 1 | | | 36W NE | | CHASE GROUP | PANTERA ENERGY COMPANY |
| 3500723095 | WIENS D-1 | 0.427516 | 0.351785 | SAME | SAME | X | BEAVER 9 | | | 21E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3500724333 | WILLIAMS O-1 | 0.925000 | 0.812500 | SAME | SAME | | BEAVER 4 | | | 22E SE | | MORROW | PANTERA ENERGY COMPANY |
| 3513921236 | WILSON 1, A-5 | 1.000000 | 0.875000 | SAME | SAME | | TEXAS 2 | | | 13E | | | PANTERA ENERGY COMPANY |
| 3513900161 | WILSON 1-23 (MARMATON) | 1.000000 | 0.875000 | SAME | SAME | | | | | 14E | | MARMATON | PANTERA ENERGY COMPANY |
| 3500721736 | WINDSOR A-1 | 0.750000 | 0.656250 | SAME | SAME | | | | | 20E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 3500723979 | WINDSOR B-1 (L CHESTER) | 1.000000 | 0.812500 | SAME | SAME | | BEAVER 1 | | | 20E | | LOWER CHESTER | PANTERA ENERGY COMPANY |
| 3500724457 | WINDSOR B-2 | 1.00000 | 0.812500 | SAME | SAME | × | | | | 20E | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1518900146 | WING 1 | 0.000000 | 0.007813 | SAME | SAME | | STEVENS 3 | 33 33 | 32S 3(| 36W SW | SW NE | | SCOUT ENERGY MANAGEMENT LLC |
| 1518920901 | WING 1-33 | 0.000000 | 0.007813 | SAME | SAME | | | | | | SWNW | | EDISON OPERATING COMPANY LLC |
| 1518922518 | WING 2-33 | 0.000000 | 0.007813 | SAME | SAME | | STEVENS 3 | 33 33 | 32S 3(| 36W SW | SWSW | | EDISON OPERATING COMPANY LLC |
| 3513935272 | WOODWARD 3-4 | 1.000000 | 0.879296 | SAME | SAME | Xo | TEXAS 4 | | | 12E | | MORROW F | PANTERA ENERGY COMPANY |
| 1517521690 | WYATT A-1 (U CHESTER) | 1.00000 | 0.875000 | SAME | SAME | | SEWARD 2 | 25 3 | | 33W | | UPPER CHESTER | PANTERA ENERGY COMPANY |
| 1518922749 | WETTSTEIN 1-3 | 0.00000 | 0.030000 | SAME | SAME | | STEVENS 3 | | | 35W | | CHESTER | STONE OAK OPERATING LLC |
| 1517521520 | WETTSTEIN A-3 (ST GENEVIEVE) | 1.000000 | 0.875000 | SAME | SAME | KS | | | | 34W | | ST. GENEVIEVE | PANTERA ENERGY COMPANY |
| 1517521565 | WETTSTEIN A-4 | 1.000000 | 0.875000 | SAME | SAME | | | 10 3 | | 34W | | ST. GENEVIEVE | PANTERA ENERGY COMPANY |
| 3500721330 | WILLIAMS 11-9 | 0.925000 | 0.764859 | SAME | SAME | ок | BEAVER 9 | | | 22ECM | | multiple | PANTERA ENERGY COMPANY |
| 3500723187 | WILLIAMS I-2 (CHESTER) | 0.925000 | 0.764859 | SAME | SAME | У | BEAVER 9 | | 3N 2: | 22E | | CHESTER | PANTERA ENERGY COMPANY |
| 3500724339 | Williams I-5 | 0.925000 | 0.764859 | SAME | SAME | ок | BEAVER 9 | | 3N 2: | 22E SE | | HART | PANTERA ENERGY COMPANY |
| 1508120224 | YUNCKER 4-14 (KANSAS CITY) | 1.000000 | 0.875000 | SAME | SAME | | HASKELL 1 | | | 34W | | KANSAS CITY | PANTERA ENERGY COMPANY |
| 1508120235 | YUNCKER 6-14 | 1.000000 | 0.875000 | SAME | SAME | | | 14 2 | | | | MORROW | PANTERA ENERGY COMPANY |
| 1508122265 | KMU 14-8R WSW | 1.000000 | 0.000000 | SAME | SAME | ß | | | 29S 3, | 34W NV | NWSESENE | | PANTERA ENERGY COMPANY |
| 1 508120207 | KMU 14-9 (YUNCKER OWWO 3-14) | 1.000000 | 0.875000 | SAME | SAME | | HASKELL | 14 2 | | | SWNE | | PANTERA ENERGY COMPANY |

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