KOLAR Document ID: 1795601

OIL & GAS CONSI REQUEST FOR CHA TRANSFER OF INJECTION	ATION COMMISSION ERVATION DIVISION NGE OF OPERATOR NOR SURFACE PIT PERMIT with the Kansas Surface Owner Notification Act,
Check applicable boxes: MUST be submit	ted 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:	
Saltwater Disposal Well - Permit No.:	Lease Name:
Spot Location:	SecTwp R E W Legal Description of Lease:
Enhanced Recovery Project Permit No.:	
Entire Project: Yes No	County:
Number of Injection Wells**	Production Zone(s):
Field Name:	
** Side Two Must Be Completed.	Injection Zone(s):
Surface Pit Permit No.:	feet from N / S Line of Section feet from E / W Line of Section 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:
	Date:
New Operator's Email:	
Title:	Signature:
	authorization, surface pit permit # has been Commission. This acknowledgment of transfer pertains to Kansas Corporation above injection well(s) or pit permit.
is acknowledged as	is acknowledged as
the new operator and may continue to inject fluids as authorized by Permit No.: Recommended action:	the new operator of the above named lease containing the surface pit permitted by No.:
Date:	Date:
Authorized Signature	Authorized Signature
DISTRICT EPR	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		
		FEL/FWL	FSL/FNL		
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		FEL/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: 1795601

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	1440.041		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
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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
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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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Exhibit A - Leases to Assignment, C
Exhibit A - Leases to Assignment, C

Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
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	861/1/6	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 12 C.M.FLETWOOD 9/1/1988 77 12 C.M.FLETWOOD 9/1/1988 77	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 <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 79 333 345 334 CM-RLETWOOD 9/1/1368 79 333 345 334 CM-RLETWOOD 9/1/1368 79 107 245 334 CM-RLETWOOD 9/1/1368 79 107 245 334 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 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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	34W	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 Lot 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 SOFT THE RUNCTHEREOF, WHICH IS THE POB. THE 484 FT, TH 57 6FT TO THE ROWN OF THE ROWN 6D DEGS, OV W. 12 FTT TO THE RUNK OF THE RORN 6D DEGS, OV W. 12 FTT TO THE OLINE OF SAID STORN 6D DEGS, OV W. 12 FTT TO THE OLINE OF SAID TH N 385 FT TO THE POB SEC 11-245-35W, 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 PROXV 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 THT WAILVUT 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				
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 245 FTS OF WT OF 18: 1931. FT TO THE POB. TH'S 186 FT, TH'S 255 PEGS OF WT OR POB. TH NTO A POINT WHICH SEC THE RWNC OF SEAD DETCH ROW, WHICH IS DUE S' OF A POINT 300 FT DUE W OF THE POB. TH DUE B S OF A POINT 300 FT DUE W OF THE POB. TH DUE B S OF A POINT 300 FT DUE W OF THE POB. TH DUE S OF A POINT WHICH ST THE POB AND DESC AS COMM AT A POINT WHICH IS THE OF THE LAND DESC AS COMM AT A POINT WHICH IS THE DUE W OF SECT. TH DUE S OF A POINT TO THE FOB AND ARALLEINGTHE BUBLC 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 DUE W 360 FT TO A POINT WHICH IS THE POB. TH A 244 ACS. LESS AND EXC FROM THE TR RRST DESCABOUR A 244 ACS. LESS AND EXC FROM THE TR RRST DESCABOUR DESCA S POLLOWSTO-WIT: COMM AT A POINT ON THE N SEC LINE OF SEC LIN-245-335W OF THE GTH P MAND 120 O FT E OF THE NWC OF SAID SECT. TH S AT RIGHT ANGLES 1100 FT. TH E 130 FT. TH S AT RIGHT ANGLES 120 FT. TH U 20 FT. TH S OF TO HER POB.	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	Ħ	#	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
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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 274, FT, TH DUE S 200 MINUTES W 268 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 SEC 374,1 FT POLL 9001,1 FT AGHT 4001,0 PHECTLV N OF SANTA FE RALWAY. TH POLLOWING SAID ROV W NORTHEASTERK 32 FT TO A POINT DRECTLY N OF SANTA FE RALWAY. TH FTRAIGHT 4000 WINE DRECTLV N OF SANTA FE RALWAY. TH STRAIGHT 6000 THE POBLCONT 234 AGES & MAANING TO CONVER PT THE TERMS 0F THIS LEAKE ALL LAND OWNED BY 5AD 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 STATIST AND OTHERS TO 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 2313 ASK ML. AEC 11-245-354X VERARY CO		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 STITUTE IN THE SIZESC 11.24 AND SONTA FE RALLWAY CO. AS SA AND SANTA FE RALLYAY CO. AS SA AND SANTA FE RALLWAY CO. SA SANTA FE RALLWAY FE RALLW	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 AND SANTA FE RALLWAY FE RALLWAY FE RALLWAY FE AND SANTA FE RALLWAY FE RALLWAY FE RALLWAY FE RALLWAY FE AND SANTA FE RALLWAY	ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI REASTER N CANAL IN & ACROSSTHEI READER N CANAL IN & ACROSSTHEI AND STIUTTE IN THE SIZESC 11.24 AND STIUTTE IN THE SIZESC 11.24 AND STIUTTE IN THE SIZESC 11.24 AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY SA SA SA AND SANTA FE RALLWAY SA SA SA SA SA SA SA AND SANTA FE RALLWAY SA	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 STILTTHAT CERTAIN STRIPT R OR PA AND STILTTE IN WIDTH THE SIZES C1.3. AND SOFF THE MAIL THE SIZES C1.3. AND SOFT PHE MAIL TH OF SIZES C1.3. AND SOFT RE PALLWAY CO. AS SA AND SANTA FE PALLWAY CO. AS SA SANTA FE C11.245-35W, LOCATED S T & S F RA CO. & W OF THE PUBL TH S S F RA CO. & W OF THE PUBL TH S S F RA CO. & W OF THE PUBL TH S S F RA CO. & W OF THE PUBL TH S S F RA CO. & W OF THE PUBL TH S S F RA CO. & W OF THE PUBL SCTION 12. W SECTION 13. W WYS W SECTION 13. W WYS W SECTION	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 CONSTRUCTED AND EXCTONA.40 ENGINEERS, LOCATION STATOV240 ENGINEERS, LOCATION STATOV240 ENGINEERS, LOCATION STATOV240 LAND SOFT FRUCTED AND EXCTONA.40 ENGINEERS, LOCATION STATOV240 ENGINEERS,	ALL THAT TRACT OF LAND COMPRIS EASTERN CANALIN & ACROSSTHEI (KEANY CO (KEANY CO (KEANY CO) (KEANY CO (KEAN) AND STICLIARLY DEERFELD AND SONF PARTICLIARLY DEERFELD LAND SONF THE MAIN TR OF THE LAND SONF THE MAIN TR OF THE AND CONSTRUCTED AND ESES AS AND SANTA FE RALLWAY CO. AS SA AND SANTA FE RALLWAY CO. AS SA SANTA FE RALLWAY CO. 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AS SA AND SONTA FEAL WAY SA AND SO	ALL THAT TRACT OF LAND COMPRIS EASTER N CANAL IN & ACROSSTHEI REASTER N CANAL IN & ACROSSTHEI READUATE IN THE SIZES C1.3. AND STITUTE IN THE SIZES C1.3. AND SOFT FRANCLART DESK CA AND 30 FT INWIGH THE RISE CA CENTRE IOR NOTE FRANCLART DESK CA AND SANTA FE RAILWAY CO. AS SA AND SANTA FE RAILWAY CO. AS SA SANTA FE RAILWAY CO. AS SA AND SANTA FE RAILWAY CO. AS SA SANTA FE RAILWAY SA SANTA FE RAILWAY SA SA SA SANTA FE RAILWAY SA SA SA SA SANTA FE RAILWAY SA SA SA SA SA SA SANTA FE RAILWAY SA	ALT HAIT TRACT OF LAND COMPRIS EASTER N CANALI N & ACROSSTHEI REASTER N CANALI N & ACROSSTHEI READ OF LANTENT OF LAND COMPRIS AND STIATTE IN THE SIZESC 11, 24 AND STIATTE IN THE SIZESC 11, 24 AND SANTA FE RALLWAY CO. AS SANTA SANTA FE RALLWAY CO. AS SANTA FE RALLWAY CO. AS SANTA FE RALLWAY CO. AS SANTA SA
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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
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
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	80	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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xhibit A - Leases to Assignment, Convey
Exhibit A - Leases to Assignment, Convey
Exhibit A - Leases to Assignment, Convey

Original Lessee
4/12/1940 7
3/28/1944
3/14/1944 11
3/14/1944 11
7/22/1941 8
8/5/1943 10
5/9/1944 13
4/10/1944 13
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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; SYU/4 NW/4; SE/4 NW/4; SE/4 NE/4; NE/4 NW/4; S/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	e	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 (API 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 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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30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	19	315	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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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	œ	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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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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	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	32S-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	ЭIW	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	2	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, 4, 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	EWSESE	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. PHILLUPS 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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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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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	
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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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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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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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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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	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
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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Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
	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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	1 SE/4; SW/4 b tact in the Northwest BEAVER 3	1W/4	W//4 SE/4;SW/4 BEAVER 3 W/4	BEAVER	BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BE	BEAVER BE	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BE	BEAVER BE	BEAVER BE	BEAVER BE	BEAVER BE
			er of the NW/4												
Sec. 12: NEW, SEA, SW/A Sec. 12: NEW, NW/A; SEA, SW/A Less and except a square one are tract in the Northwest Corner of the NW/A Sec. 17: NEW, STM/A; SEA, SW/A	3N-21ECM c 12: NF/4: NW/4: SF/4: SW/4	Less and except a square one acre tract in the Northwest Corner of the NW/4	3N-21ECM Sec. 12: NE4: NWV4; SEV; SWV4 Less and except a square one acre ract in the Northwest Comer of the NVV4		Sec. 12: NB/4; NW/4; SW/4 Sec. 12: NB/4; NW/4; SB/4; SW/4 Less and except a square for the NW/4	Sec. 12: NEK, SE4; SW/4 Sec. 12: NEK, NW/4; SE4; SW/4 Loss and except a square one acre tract in the Northwest Conner of the NW/4 Sec. 12: NEK, NW/4; SE4; SW/4 Loss and except a square one acre tract in the Northwest Conner of the NW/4	3N-21EGM Sec 12: NE/4; SE4; SW/4 Sec 12: NE/4; NW/4; SE4; SW/4 Less and except a square one arer tract in the Northwest an-21EGM Sec 12: NE/4; NW/4; SE4; SW/4 Less and except a square one arer tract in the Northwest Corner of the NW/4 Sec 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one arer tract in the Northwest Less and except a square one are tract in the Northwest Less and except a square one are tract in the Northwest Less and except a square one are tract.	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Original Lessor
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
GEORGIA GAMELSON ANADARKO PRODUCTION 10/8/1981 COMPANY
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
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
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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
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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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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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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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Lose: 0., Mode Tester Name Lose: 0., Mode Lose: 0.,	Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
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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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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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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\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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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 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
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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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