KOLAR Document ID: 1793962

OIL & GAS CONSE REQUEST FOR CHA TRANSFER OF INJECTION	ATION COMMISSION RVATION DIVISION NGE OF OPERATOR OR SURFACE PIT PERMIT <i>ith the Kansas Surface Owner Notification Act,</i>
	ed with this form.
Oil Lease: No. of Oil Wells**	Effective Date of Transfer:
Gas Lease: No. of Gas Wells**	KS Dept of Revenue Lease No.:
Gas Gathering System:	
Saltwater Disposal Well - Permit No.:	Lease Name:
Spot Location: feet from N / S Line	
feet from E / W Line	Legal Description of Lease:
Enhanced Recovery Project Permit No.:	
Entire Project: Yes No	County:
Number of Injection Wells**	Production Zone(s):
Field Name:	Injection Zone(s):
** Side Two Must Be Completed.	
Surface Pit Permit No.: (API No. if Drill Pit, WO or Haul) Type of Pit: Emergency Burn Settling	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:
New Operator's Email:	Date:
Title:	Signature:
Acknowledgment of Transfer: The above request for transfer of injection noted, approved and duly recorded in the records of the Kansas Corporation C Commission records only and does not convey any ownership interest in the a	-
is acknowledged as	is acknowledged as
the new operator and may continue to inject fluids as authorized by	the new operator of the above named lease containing the surface pit
Permit No.: Recommended action:	permitted by No.:
Date:	Date:
DISTRICT F	PRODUCTION UIC

Side Two

Must Be Filed For All Wells

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

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: 1793962

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:+			
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:			
Address 2:			
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 FINNEY \$ \$ \$

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; farmout rights; options; and other properties and interests; net profits interests; carried interests; farmout 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;

(l) 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,** EXPRESSLY AND ASSIGNOR 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 OR REPRESENTATIVES (INCLUDING ANY **OPINION**, INFORMATION, PROJECTION OR ADVICE THAT MAY HAVE BEEN PROVIDED TO ASSIGNEE BY ANY DIRECTOR, OFFICER, 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, THEIR REPRESENTATIVES OR 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 OR CIRCUMSTANCE RELATING TO **ENVIRONMENTAL** 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. **Further Assignments/Further Assurances**. 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	

8 8 8

ACKNOWLEDGEMENT

STATE OF TEXAS COUNTY 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 🔏	5 day of	Sept.	, 2024.
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Commission Expires

otary Public, State of Texas

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- Contraction	Amy Solis My Commission Expires 3/24/2027
TO TOUT	Notary ID131830857

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

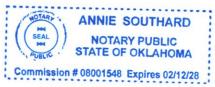
STATE OF OKLAHOMA	§
	§
COUNTY OF OKLAHOMA	§

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.

My Commission Expires

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 25th day of September 2024.

Notary Public, State of Oklahon



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Original Lessee Date Book
GULF OIL CORPORATION
PANHANDLE EASTERN PIPELINE 12/17/1945 CO. A CORP
ANADARKO PRODUCTION 10/20/1961 COMPANY
ANADARKO PRODUCTION COMPANY
PANHANDLE EASTERN PIPELINE 12/3/1945 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
J E O'DONNELL
NORTHERN PUMP COMPANY
J E O'DONNELL
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JOE E. DENHAM
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Sec. 15: Lot 3 and that part of the NE/4 of Section 15 lying	South of the right-of-way of the Atchison. Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	lease's Exhibit "A" land description. 245-33W Sec. 15: A strip of land in the NE/A of Section 15 lying between the North line of the Atchison. Topeka and Santa Fe Railway and a line lying 9.25 feet northerly and parallel to the center	den Lity western Kailway	une or i ne Garten Lity western hallway 245-33W Sec. 15: All that part of the NE4 lying North of the North line of the right of way of the Garden City Western Railway	une or i ne Garden Lity Western Hailway 245-15: All that part of the NS-430W of the right of way of the Garden City Western Railway of the right of way of the Garden City Western Railway See. 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atabiaon. 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C M FLEETWOOD CHAMPLIN REFINING COMPANY	CHAMPLIN REFINING COMPANY		GAIL NUSBAUM	C M FLEETWOOD		C M FLEET WOOD	C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD J E O'DONNELL C H GORDEN	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD J E O'DONNELL C H GORDEN C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD J E O'DONNELL C H GORDEN C M FLEETWOOD C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD J E O'DONNELL C H GORDEN C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD	C M FLEETWOOD C M FLEETWOOD C M FLEETWOOD J E O'DONNELL C H GORDEN C M FLEETWOOD C M FLEETWOOD J E O'DONNELL
AMY LOUISE WELDON AKA EDITH LOUISE WELDON BOARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANISAS	BOARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANSAS		CLAYTON C CARROLL AND WIFE VELMA V CARROLL	COLEEN W KINNEY		ESTHER MAI	ESTHER MAI ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST	ESTHER MAI ESTHER MAI AND GAPDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST LARRY D WARD	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST LARRY D WARD LARRY D WARD MAE ANDERSON A WIDOW	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST LARRY D WARD MAE ANDERSON A WIDOW MAE CTAIT A WIDOW	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST RESIDUARY TRUST MAE ANDERSON A WIDOW MAE C TAIT A WIDOW MARY LEE STECKLEIN	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST RESIDUARY TRUST NATH D WARD MAE ANDERSON A WIDOW MAE ANDERSON A WIDOW MAE ANDERSON A WIDOW NALE AURNS AND J M BURNS HER NELLA BURNS AND J M BURNS HER NELLA BURNS AND J M BURNS HER	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST RESIDUARY TRUST MAE ANDERSON A WIDOW MAE ANDERSON A WIDOW MAE CTATT A WIDOW MAE CTATT A WIDOW MARY LEE STECKLEIN MARY LEE STECKLEIN MARY LEE STECKLEIN SUE W PINEGAR	ESTHER MAI ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST RESIDUARY TRUST NAE CONTRUST MAE ANDERSON A WIDOW MAE ANDERSON A WIDOW MAE CTAIT A WIDOW MAE CTAIT A WIDOW MARY LEE STECKLEIN MARY LEE STECKLEIN MARY LEE STECKLEIN NELL A BURNS AND J M BURNS HER HURBAND SUE W PINEGAR SUE W PINEGAR SUE W PINEGAR
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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	п	633	24S	34W	10	24S34W10	245-34W Sec. 10: Lot 1	FINNEY	39
29954000	LEASE - OIL AND GAS	L LJONES AND EDNA T JONES HIS WIFE: TAYLOR JONES AND KATHERINE JONES HIS WIFE	JE O'DONNELL	8/25/1942	п	633	24S	34W	Ħ	24S34W11	245-34W Sec 11: All	FINNEY	39
29954000	LEASE - OIL AND GAS	L LJONES AND EDNA T JONES HIS WIFE. TAYLORJONES AND KATHERINE JONES HIS WIFE	J E O'DONNELL	8/25/1942	я	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	33
29954000	LEASE - OIL AND GAS	L LJONES AND EDNA T JONES HIS WIFE. TAYLOR JONES AND KATHERINE JONES HIS WIFE	JE O'DONNELL	8/25/1942	Ħ	633	24S	34W	m	24S34W3	245-34W Sec. 3: All that part of the S/2 lying South of the A T S F R and Lot B	FINNEY	39
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	ŋ	306	24S	34W	10	24S34W10	245-34W Sec. 10: SW/4	FINNEY	30
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	IJ	306	24S	34W	'n	24S34W5	245-34W Sec. 5: Lots 9 & 10	FINNEY	66
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	10	24S34W10	24S-34W SECTION 10: N/2	FINNEY	9 <u>0</u>
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	1	24S34W11	24S-34W SECTION 11: SE/4, W/2	FINNEY	6E
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	в	24S34W3	24S-34W SECTION 3: S/2	FINNEY	39
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	Ħ	579	24S	34W	ы	24S34W5	24S-34VV SECTION 5: S/2	FINNEY	39
29948001	LEASE - OIL AND GAS	DAVID GODDARD AND NELLIE OPAL GOODARD HIS WIFE	JE 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	JE O'DONNELL	9/9/1941	п	436	24S	34W	15	24S34W15	245.34W Sec 15: W/2	FINNEY	
29948002	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	8/25/1942	11	2	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 NW/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 O'DONNELL	8/25/1942	п	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	11	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	24S34W1B	245-34VV 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	24S34W18	24S-34VV 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	2	24S	34W	18	24S34W18	24S-34VV Sec. 18: E/2 N/V/4: SE/4	FINNEY	
29972000	LEASE - OIL AND GAS	U J INGRIM SINGLE	TI E O'DONNELL	9/1/1942	ი	249	24S	34W	18	24S34W18	24S-34VV Soc 18: 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	50	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	39	SE SE	39	S.	ອ					
County	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY
Legal Description	24S-34W Sec. 2: Lots 3 & 4 and the S/2 NW/4 and all that part of the VV/2 SW/4 lying North of the A T & S F Railroad	245-34W Sec. 3: All of Lessor's acroage in all the land in its main irrigation canal right-of-way across said section.	2.45-34W Sec. 3: Lot: 1, 2, 3 & 4 and the S/2 N/2 and all that part of Lots 5 & G, and the NW/4 SE4 and the E/2 SE4 lying North of the A T & 5 F Failtoad right of way	245-34W See. 5: All that part of the W/2 of Section 5 lying North of the A T & Santa Fe Ry. Described as Lue 1, 2, 7 and 8 (except a tract of about 30 acres deeded to the Garden Chy Irrigation Company)	245-34W Sec. 5: Lots 3 & 4; S/2 NW/4	245-34W Sec. 5: All that part of Lets 7 & 81 n Section 5 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad: Lots 5 & 6 in and Section 5 and a certain itsland in the Atkanzas Fiver 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 malroad and the river, all of Lessor's acroage in all the land in its main irrigation canal right-of-way acroas said the land in its main irrigation canal right-of-way acroas 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, TO: WITBEG AT A POINT ON THE W. LIVE OF SAID SEC. 1985 FT SO THE NWUTHEREOF, WHICH IS THE POB. THE 48A FT, TH 5 76 FT TO THE ROW OF THE POB. THE 48A FT, TH 3 76 FT TO THE RUNG OF THE ROW 60 DEGS, OU W. 12 FT, TO THE RUNG OF SAID SEC. TH N 385 FT TO THE POB SEC 11-243-35W, KEARINY CO	10:30 ACRES M/L BEING ALL THAT PART OF THE NY2SW/4 SEC 11-245-35W, OF THE GTH P.M. LYING BETWEEN THE N LINE OF THE STATION GROUNDS SAND PROVN OF THE ATCHISON TOPEKA AND SANTA FE RAILWAY CO, THE EXTENDED S LINE OF SIXTH AVE NE AND A LINE EXTENDED S LINE OF SIXTH AVE NE AND A LINE TO THE RYOM OFTHE ATTOHISON TOPEKA AND SANTA FE TALIWAY OF DARALLEL WITH WALLVIT STREET (INTHE CITY OF DEERFIELD MID 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	۵	ß	ß	'n	-	Ħ	11	1	:1
Range	34W	34W	34W	34W	34W	34W	34W	З5W	З5W	35W	35W	asw
Township	24S	24S	24S	245	24S	24S	24S	24S	24S	24S	24S	245
Page	552	124	552	103	610	604	124	221	389	578	245	65
Book	18	20	18	12	12	12	20	ດ	18	18	16	11
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	10/201	4/17/14
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	CITIES 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 EATHE OF W H DAVIS DECEASED AND HARRY J DAVIS ADMINISTRA/TOR CTA OF THE ESTATE 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	2938000	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: COMM AT A POINT ON THE N SECLINE OF SEC 11-24S-35W OF THE GFN HA MAN 0.1200 FE OF THERWIX OF SAND SECTH S 1331 FT 10 THE POB: TH 3 186 FT. TH S 55 DEGS 00 'W TO A POINT ON THEN LINE OF THE GREAT EASTERN DITCH RYOM, WHICH IS DUE S OF A POINT 300 FTDLE W OF THE POB. TH N TO A POINT 1200 FTDLE W OF THE POB. TH D THE FOH PAIN. THOLE S AND DESC AS COMM AT A POINT 1200 FT 00 FTDLE W OF SEC 11.2-35-35W OF THE GTH PAIN. THOLE S AND PARALLELNGTHE FUBLC HIGHWARY A DISTANCE OF 3250 FT, TH DUE W 300 FT TO THE FOH PAIN. THOLE S AND PARALLELNGTHE FUBLC HIGHWARY A DISTANCE OF 3250 FT, TH DUE W 300 FT TO THE FOH PAIN. THOLE S AND PARALLELNGTHE FUBLC HIGHWARY A DISTANCE OF 3210 OF SEC 11.2-35-35W OF THE GTH PAIN. THOLE S AND PARALLELNGTHE FUBLC HIGHWARY A DISTANCE OF 3210 OF THE NWAR DIE W 366 FT. TH DUE S 456 FT TO THE FOB AND CONT APPROX A PACEL OF LAND CONVEYED TO RICH A DISTANCE OF 4312 A TASC LESS AND EXC FROM TH E TH FIRST DESCABOVE DESC 45 FOLLOWSTO-WIT: COMM AT A POINT ON THE IN SEC LINE OF SEC 11-24S-35W OF THE GTH PAIAND 120 0 FT TH W TATRIGHT ANGLES 150 FT. TH S AT RIGHT ANGLES 100 FT, TH E 150 FT. TH S AT RIGHT ANGLES 100 FT, TH E 150 FT. TH S AT RIGHT ANGLES 100 FT, TH E 150 FT. TH S AT RIGHT ANGLES 100 FT, TH E 150 FT. TH S AT RIGHT ANGLES 100 FT, TH E 150 FT. TH S AT RIGHT ANGLES	BEG AT A PNT 2156.9 FT N OF THE SE/C OF SEC 11-245- 35W, OF THE RLIM RUNNING DUE N 754.1 FT, TH RUNNING DUE N 385.5 FT OT THE S.LINE OF THEROW OF THE ATCHISO N. TOPEKA AND SANTA FE RR CO. TH RUNNING IN A NELYDIRE CTION ALONG S LINE OF SAID ROW TO E LINE OF SAID SEC 1.1, THO SAID VEE LIVE OF SAID SEC 11. 5546 FT OT THE POB. CONTAINING 9.11 ACS.SEC 11-245-35W, KEARYY CO	A TR OF LAND IN THE NW/4 OF SEC 11-24S-35W, OF THE FITH PM DESC AS FOLLOWS;TO-WIT: BEG AT A POINT ON THEE LUNE OF A PUBLIC RADA BINNING. N FROM THEN END OF MANN ST IN THE TOWN OF DEERFIELD, KANSAS, WHICH POINT IS W 1403FT AND S 1 DEG, 14 MINUTES W 924 FT, FROM THE NW/4 OF SAIDSECTION 11, THE 448 FT, TH S 26 DEGS, DO MINUTES W, 2425 FT, TH 1 DEG, 10 MINUTES W 540,5 FT TO THE POB SEC 111-245- 35W, KEARNY CO	245-35W SECTION 11: LOTS 7, 8, 8 9 IN BLOCK 11 IN THE CITY OF DEERFIELD AS SHOWN BY THE RECORDED PLAT THEREOF. AND ALL OF LOT 13 PLAT 3 BEING ALL THAT PART OF SECTION 11 LYING WEST FRECOM DEERFIELD AND THE SOUTH OF THE GREAT EASTERN DITCH AND NORTH OF THE MAIN ROAD RUNNING WEST FROM DEERFIELD KNOWN AS THE SANTA FE TRAIL AND LOCATED IN THE SWAN WAY AND THE KWAP OF THE SWAF
Concatenate	24S35W11	24S3T11	24S35W11	24S35W11
Section	Ħ	Ħ	#	Ħ
Range	35K	Ase	Nse	35W
Township	24S	24S	245	24S
Page	SSE	ß	231	267
Book	11	Ę	16	10
Date	10/20/1947	4/17/1944	10/23/1947	7/6/1943
Original Lessee	CITIES 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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Footnote					
County	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY
Legal Description	A TR OF UNPLATTED LAND LYING IN THE NW/4 OF SEC 11- 248-35W, OF THE ETH PMIN THE TOWN OF DEERFIELD, KANSAS, DES CAS FOLLOWS, TO-WIT BEG AT POINTWHICHIS THE INTERS ECTION OF THE E LINE OF MAIN ST AND THE N LINE OF 10THA VE OF THE PLATTED TOWN OF DEERFIELD, KANSAS, TH N 19 DE GS 45 209.15 FT, TH S 70 DEERSIEV, X206 FT 10 THE POB, CONT. 78 ACS, FT, TH S 70 DEERSIEV, X206 TT 10 THE POB, CONT. 78 ACS, MAL SEC 11-245-35W, KEARNY CO	ALL THAT TR OR PARCEL OF LAND STTUATED IN THE COUNTY OF KEARYY AND STATEOF KANSAS AND DESC AS FOLLOWS: TO LOW: FIGE AT THE SELC OF SEC 11.24S- 35WJT HIV VARIATION 11 D EGS 20 MINUTES 21563 FT TO A POINT, TH 58 90 EGSA7 MINUTES W 761,1 FT TO A POINT HEREINAFTER REFERRED TO AS THE POB.TH DUE S 132 FT. TH DUE W 2351, FT. TH N 19 DEGS 50 MINUTES, W 356 FT,TH S 70 DEGS 00 MINUTES, W 557 FT, TH AR MUTES W 236 FT,TH S 70 DEGS 00 MINUTES, W 557 FT, TH AR MUTES W 236 MINUTES, W 957 FT, TH VIE POB.COM 235 ACA AND THAT FRACTIONAL TR IN THE S76 AS CONTRACT ACA AND THAT FRACTIONAL TR IN THE S76 AS SOLFT. TH DUE 2274 FT, TH DUE MONT 751, FT W AR FIGHT ANGLES 35W, 6TH PM BEG AT A POINT 751, FT W OF THE ELING OF SEC 11 AND21563 FT N OF THE S LINE OF SAID SEC 234, SFT NT O THE RCIVE WON TO SAID ROW WI SANTA FE BALWAYT AN TH POLLOWING SAID ROW W INTHEATTER S ANDANT 761, FT WAR FIGHT ANGLES 2345 FT NT O THE RCIVE WON TO SAID ROW WI SANTA FE BALWAYT AN THAL AT AND WOR SAID ROW W INTHEATTER S ANDANG 70 CONVER WTHE POBLOOTT 234 AGES ANDANG 70 CONVER WTHE TERMS OF THIS LEASE ALL LAND OWNED BY SAID COMPARATING FT HALE SAIL LAND OWNED BY SAID COMPARATING TH SEC 11-24S-35W, KEARNY CO	A TR OF UNPLATTED LAND LYING IN THE NW/4 SEC 11.245- 35W OF THE GTH PM.IN THE TOWN OF DEERFELD. KANSAS AND DES C AS FOLLOWS, TO-WIT BEG AT APOINT ON THE N LINE OF 20 TH AYE AND THE LINE OF MAIN ST. THN 19 DEGSAFW, 2 2 J-12 FT TH N 46 DEGS SFL 202- 9/10 FT, TH N 24 DEGS.25 FL 355-9/10 FT, TH S 19 DEGS 4FL E, 523 FT, TH S 70 DEGS, 15 W.280 FT TO THE POB SEC 11- 24S-35W, KEARNY CO	COMM AT A POINT ON THE N SEC LINE OF SEC 11-24S- 35W, OF 6TH PM AND 1200 FTE OF THE NWYC OF SAID SEC, TH S 1331, ET TO THE POB, TH W AT RIGHT ANGLESISO FT, TH S AT RIG HT ANGLES 100 FT, TH E 150 FT, TH N 100 FT TO THE POB, COMT 35 ACRES, ML SEC 11- 24S-35W, KEANNY CO	245-35W SECTION 11: NEX, 32 NZ SEV, SIZ SEV, AS AMENDED BY CORRECTION OF DESCRIPTION IN OIL AND GAS LEASE DATE 4/23/1949, RECORDED IN BOOK 18, PAGE 352
Concatenate	24S35W11	TTMSES72	24S35W11	24S35W11	24S35W11
Section	11	п	1	Ħ	11
Range	asw	MSE	n N N	зъ	З5W
Township	245	245	24S	24S	24S
Page	530	ဖ	246	229	386
Book	16	ព្	μ	15	თ
Date	10/22/1947	678/18/7	10/20/1947	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	MILTON כנאסא בד עX	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	6643	66433000	66429000	66362000

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Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
СE E	JOE E. DENHAM	6/1/1943	10	219	245	35K	:	24S35W11	A TR OF LAND IN SEC 11-24S-35W, COMMENCING AT A PNT 223 FT E OF THE KWNC OFSAUD SEC. TH E ALONKE THE N SEC LINE OF SAUD SEC957 FT. TH S. 1.331 FT. TH W300 FT. TH N. 11 FT. TH W 366 FT. TH S. 1.331 FT. TH W300 FT. TH N. 11 FT. TH W366 FT. TH S. 1.361 FT. TH W300 FT. TH W. 408 FT TO THE SELF OF A TRACT OF LAND CONVEYED BY MARANTY DEED DTD 5-19- 33E/SECUTED BY FRANK N. LAROSH AN 0 OTHERS TO FANK G WEST AND RECORDED IN BY 24,PG 66. TH N 75 FT. TH W. 408 FT. TH N 1329 FT. ADONG INE WY 24,PG 66. TH N 75 FT. TH W. 434 FT TO POB. CONTAN ING 42.31 ACS. ML, SEC 11-24S-35W, KEARNY CO	KEARNY	
ERVI	CITIES SERVICE OIL COMPANY	4/18/1949	18	425	24S	35W	п	24S35W11	ALL THAT TRACT OF LAND COMPRISING THE MAIN GREAT EASTER N CANAL IN & ACROSSTHE N/2 SEC 11-24S-35W, KEARNY CO	KEARNY	
ERVI	CITIES SERVICE OIL COMPANY	4/25/1950	20	ទួ	24S	35.V	п	24S35W11	ALL THAT CERTAIN STRIP. TR OR PARCEL OF LAND LYING AND STIVATE IN THE SIZSEC LOF LAND WITHE GTH PRINCIPAL M ERDIAN, AT DERREILD, KEARW CO, KANSAS AND MORE PARTICULARY DESC AS FOLLOWS, A STRIP OF CENTER LINE OF THE MAIN TR OF THE ATCHISON. TOPECA AND SANTA FE RALLWAY CO. AS SAME STOWL LOCATED AND CONSTRUCTED AND ENTENDING FROM RALLWAY ENGINEER'S LOCATION STATIONS 240 S2 OF SEC 11 CASTERY DIRECTION AGONS SAND S7 OF SEC 11 LOCATION STATION 240 CONT AN AREA OF 17 31 ACRES, ML SEC 11-245. 35W, KEARINY CO	KEARNY	
OE E. D	JOE E. DENHAM	10/20/1943	10	471	24S	35W	11	24S35W11	SW/4 SEC 11-24S-35W, LOCATED S OF THE R/W OF THE A T & S F RR CO, & W OF THE PUBLIC ROAD LEADING THROUGH THE CENTER OF THE TOWN OF DEERFIELD S TO RIVER, KEARNY CO	KEARNY	
IN REF	CHAMPLIN REFINING COMPANY	7/24/1947	16	50	24S	35W	Ħ	24S35W11	24S-35W SECTION 11: NE/4	KEARNY	
OE E. D	JOE E. DENHAM	5/28/1943	10	264	24S	35W	13	24S35W13	245-35W SECTION 13: S/2	KEARNY	
OE E. [JOE E. DENHAM	6/1/1943	10	219	24S	35W	13	24S35W13	245-35W SECTION 13: W/2	KEARNY	
FRED	FRED C. KOCH	9/7/1944	н	597	24S	35W	13	24S35W13	24S-35W SECTION 13: 66.74 ACRES	KEARNY	
FRED	FRED C. KOCH	8/26/1944	11	579	24S	35W	13	24S35W13	245-35W SECTION 13: 25.1 ACRES	KEARNY	
о ш	J. E. O'DONNELL	9/1/1942	6	249	24S	35W	13	24S35W13	24S-35W SECTION 13: N/2	KEARNY	
ERVI	CITIES SERVICE OIL COMPANY	3/29/1943	10	6	24S	36W	ч	24S36W1	245-36W SECTION 1: SE/4	KEARNY	
ш	J. E. O'DONNELL	8/7/1941	8	422	24S	36W	1	24S36W1	245-36W SECTION 1: LOTS 1 AND 2 AND THE S/2 OF THE NE/4 (BEING THE NE/4)	KEARNY	
Z	CHAMPLIN REFINING COMPANY	8/12/1939	15	214	24S	36W	18	24S36W18	245-36W LOTS 3, 4, E/2 SW/4	KEARNY	
W	JOE E. DENHAM	5/25/1943	10	11	24S	36W	18	24S36W18	245-36W SECTION 18: NE/4	KEARNY	
B	JOE E. DENHAM	5/25/1943	10	107	24S	36W	18	24S36W18	24S-36W	KEARNY	

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	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
	T. H. SEHORN	JOE E. DENHAM	5/28/1943	01	71	24S	36W	18	24S36W1B	24S-36W SECTION 18: SE/4	KEARNY	
C.A.LC	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	1/11/1941	æ	198	24S	36W	80	24S36W8	245-36W SECTION B: NW/4	KEARNY	
C. A. L(C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	JOE E. DENHAM	4/12/1943	89	469	24S	36W	в	24S36WB	24S-36W SECTION B: NE/4	KEARNY	
	C. E. BEYER ET UX	GULF OIL CORPORATION	6/7/1945	13	32	24S	36W	ω	24S36W8	24S-36W SECTION 8: SE/4	KEARNY	
ι. Γ	FERN WRAY KLEIHEGE, A SINGLE WOMAN	JOE E. DENHAM	4/16/1943	6	503	24S	36W	8	24S36W8	24S-36W SECTION B: SW/4	KEARNY	
	S. A. TATE, ET AL	P.S. MCCORMICK	4/12/1946	14	64	24S	38W	9	24S38W6	24S-38W SECTION 7: LOTS 6 AND 7 AND THE E/2 SW/4	KEARNY	
	WILL P. ROTH ET UX	P.S. MCCORMICK	4/12/1946	14	65	24S	38W	7	24S3BW7	245-38W SECTION 7: NE/4	KEARNY	
	JOHN J THOMAS A WIDOWER	CHAMPLIN REFINING COMPANY	11/28/1950	21	493	25S	32W	19	25S32W19	255-32W Sec. 19: Lots 3 & 4: E/2 SW/4: SE/4 (being the entire S/2)	FINNEY	
F	T W GATLIN AND WIFE LEONE B GATLIN	TE O'DONNELL	7/14/1943	12	377	25S	32W	61	25S32W19	25S-32W Sec. 13: N/2	FINNEY	
ū	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	
	FRANK L STALEY AND ANNA L STALEY HIS WIFE	FRED C. KOCH	4/6/1944	E	237	25S	32W	21	25S32W21	255-32W Sec. 21: WEST HALF LESS AND EXCEPT OIL RIGHTS IN THE SW/4	FINNEY	
	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	30
	ROY POTTER AND EUNICE I POTTER HUSBAND AND WIFE	J E O'DONNELL	4/6/1944	13	246	255	32W	28	25S32W28	255-32W Sec. 28: E/2	FINNEY	
	THOMAS A SPENCE AND LIDA SPENCE HUSBAND AND WIFE	T E O'DONNELL	4/12/1944	13	288	25S	32W	28	25S32W28	255-32W Sec. 28: SW/4	FINNEY	
	ANNA D SCHEER A WIDOW	J E O'DONNELL	9/4/1941	Ħ	370	25S	MEE	28	25S33W28	255-33VV Sec. 28: N/2: SE/4	FINNEY	
	ERNEST MOODY SINGLE	JE O'DONNELL	8/23/1941	TI	6EE	255	MEE	28	25S33W28	255-33V/ Sec. 28: SVV/4	FINNEY	
	EARNEST C MOODY SINGLE	J E O'DONNELL	8/23/1941	Ħ	340	255	MEE	29	25S33W29	25S-33W Sec. 29: N/2	FINNEY	
	ERNEST MOODY SINGLE	JE O'DONNELL	8/23/1941	11	666	255	MEE	29	25S33W29	255-33W Sec. 29: S/2	FINNEY	
	ORANGE J BROWN AND AUGUSTA BROWN HIS WIFE	NORTHERN NATURAL GAS COMPANY	10/29/1940	11	156	25S	34W	15	25S34W15	255-34W Sec. 15: NE/4; NW/4; SE/4; SW/4	FINNEY	39
	UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KS 14595(W)	C M LANE	12/31/1938	16	589	25S	34W	32	25S34W32	255-34W Sec. 32: E/2 SE/4: N/2: W/2 SE/4: SW/4:	FINNEY	-
	STELLA MAY SUTTON AND FRED SUTTON HER HUSBAND	WHITE EAGLE OIL COMPANY	4/5/1946	15	316	25S	34W	33	25S34W33	25S-34W Sec. 33: 5/2 5/W/4; 5/2 5E/4	FINNEY	
	STELLA SUTTON AND FRED SUTTON HER HUSBAND AND GEORGE H SINN AND MARGUERITE SINN HIS WIFE	TE O'DONNELL	9/25/1941	Ħ	435	255	34W	ŝ	25S34W33	255-34W Sec. 33: N/2 SE/4: N/2 SW/4; NE/4; NW/4	FINNEY	
	BELLE B BAHNTGE ET AL	FRED C. KOCH	3/2/1944	11	12	255	36W	2	25S36W2	255-36W SECTION 2: SW/4	KEARNY	
	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	8/1/1941	8	356	25S	ЗбW	2	25536W2	255-36W SECTION 2: LOTS 1, 2, AND THE SW/W NE/4	KEARNY	
	ELLA CONDRA	FIN-KER OIL & GAS	3/16/1940	2	428	25S	36W	2	25536W2	25S-36W SECTION 2: SE/4	KEARNY	
	J. B. CARMICHAEL	STANOLIND OIL & GAS COMPANY	4/18/1944	11	99	255	36W	2	25S36W2	25S-36W SECTION 2: NW/4 NW/4	KEARNY	

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29914000 64600000	LEASE - OIL AND GAS	JOHN B. CARMICHAEL	FIN-KER OIL & GAS	4/12/1940	7	543	255	36W	2	25S36W2	255-36W SECTION 2: NE/4 NW/4, S/2 NW/4	KEARNY	
29913000	LEASE - OIL AND GAS	MANORIE G. PIPER ET VIR	FRED C. KOCH	3/28/1944	1	8	25S	MBE	ю	25536W2	255-36W SECTION 2: EAST 100 ACRES OF THE SEL4 DESCRIBED AS FOLLOWS: COMMENCING AT THE SE CORNER OF SAID SECTION 2: RUNNING THENCE WEST ON SECTION LINE 100 RODS; THENCE EAST 100 RODS; THENCE SOUTH 160 RODS TO PLACE OF BEGINNING	KEARNY	
29828003	LEASE - OIL AND GAS	CARRIE M. BURNS AND CLYDE E. BURNS. HER HUSBAND	JOE E. DENHAM	3/14/1944	11	26	255	37W	9	25S37W6	255-37W SECTION 6: NW/4	KEARNY	
29828004	LEASE - OIL AND GAS	CLYDE E. BURNS AND CARRIE M. BURNS, HIS WIFE	JOE E. DENHAM	3/14/1944	11	25	255	37W	9	25S37W6	255-37W SECTION 6: SW/4	KEARNY	
29828001	LEASE - OIL AND GAS	J. E. HEINTZ AND MARGARET M. HEINTZ, HIS WIFE	J. E. O'DONNELL	7/22/1941	ω	223	255	37W	9	25S37W6	255-37W SECTION 6: SE/4	KEARNY	
29828002	LEASE - OIL AND GAS	THE LAKIN STATE BANK	JOE E. DENHAM	8/5/1943	10	272	255	37W	ø	25S37W6	255-37W SECTION 6: LOTS 1 AND 2, S/2 NE/4 (BENG ALL OF THE NE/4)	KEARNY	
29900001	LEASE - OIL AND GAS	GEORGE H TORLINE AND ROSA A TORLINE HUSBAND AND WIFE	JE O'DONNELL	5/9/1944	13	442	26S	32W	15	26S32W15	265-32W Sec. 15: N/2	FINNEY	
29900002	LEASE - OIL AND GAS	JOSEPH J GIGOT AND ROSA GIGOT HUSBAND AND WIFE	J E O'DONNELL	4/10/1944	13	265	26S	32W	15	26S32W15	265-32W Sec. 15: 5/2	FINNEY	
29977000	LEASE - OIL AND GAS	JOSEPH J OHMES AND JOSEPHINE L OHMES HUSBAND AND WIFE	JE O'DONNELL	5/1/1944	13	334	26S	32W	22	26S32W22	265-32W Sec. 22: SE/4	FINNEY	
29902000	LEASE - OIL AND GAS	LAWRENCE ALOYSIUS OHMES A SINGLE MAN	CHAMPLIN REFINING COMPANY	11/3/1950	21	478	26S	32W	22	26S32W22	265-32W Sec. 22: NE/4	FINNEY	
29976000	LEASE - OIL AND GAS	MARION K SALMANS AND AGNES SALMANS HIS WIFE	FRED C. KOCH	4/20/1944	14	6EE	26S	32W	22	26S32W22	265-32W Sec. 22: N/2 N/V/4	FINNEY	
29978000	LEASE - OIL AND GAS	MARTIN HEIMAN AND LENA HEIMAN HIS WIFE	FRED C. KOCH	4/21/1944	13	299	265	32W	22	26S32W22	265-32W Sec. 22: S/2 N/W/4	FINNEY	
29842002	LEASE - OIL AND GAS	JOHN W NOLAN AND GLADYS NOLAN HIS WIFE	J E O'DONNELL	8/27/1941	11	328	265	MEE	13	26S33W13	265-33W Sec. 13: W/2	FINNEY	
29842001	LEASE - OIL AND GAS	S H STRACKELJOHN AND LADY RUTH STRACKELJOHN HIS WIFE	FRED C. KOCH	7/16/1943	12	381	26S	33W	13	26S33W13	265-33W Sec. 13: E/2	FINNEY	
29886000	LEASE - OIL AND GAS	AGNES P RIGG A WIDOW	E PAUL HATFIELD	2/15/1943	12	182	265	33W	9	26S33W6	265-33W Sec. 6: SW/4 SW/4; E/2 SW/4; SE/4; NW/4 SW/4	FINNEY	
29916000	LEASE - OIL AND GAS	JOHN RICE A WIDOWER	CITIES SERVICE OIL COMPANY	4/1/1943	12	186	26S	33W	8	26S33WB	26S-33W Sec. 8: SE/4	FINNEY	
29917000	LEASE - OIL AND GAS	LEON E THOMAS A SINGLE MAN	NORTHERN NATURAL GAS COMPANY	11/25/1944	14	489	26S	33W	80	26S33W8	265-33W Sec. 8: E/2 NE/4	FINNEY	
29918000 65699000	LEASE - OIL AND GAS	LUKE MOWBRAY AND DENA U MOWBRAY HUSBAND AND WIFE	E PAUL HATFIELD	4/1/1943	12	237	26S	33W	80	26S33WB	265-33V/ Sec. 8: SW/4	FINNEY	39
29906000	LEASE - OIL AND GAS	BERTHA M FOSTER A WIDOW: WILLIAM D FOSTER & MARJORIE FOSTER HIS WIFE ET AL	J E O'DONNELL	9/6/1941	я	384	26S	34W	n	26S34W12	265-34W Sec. 12: N/2	FINNEY	
29946000	LEASE - OIL AND GAS	JENNIE BARKER A WIDOW	MAGNOLIA PETROLEUM COMPANY	5/5/1945	15	46	26S	34W	12	26S34W12	265-34W Sec. 12: S/2	FINNEY	
29907002	LEASE - OIL AND GAS	MINNIE STOUT A WIDOW, ORA E GREEN WIDOWER, ET AL	NORTHERN NATURAL GAS COMPANY	6/29/1944	14	190	26S	34W	14	26S34W14	265-34W Sec. 14: S/2	FINNEY	
29907001	LEASE - OIL AND GAS	NELLIE C. GRAHAM, A MARRIED WOMAN, FORMERLY NELLIE C. LOCKWOOD, A WIDOW	J. E. O'DONNELL	9/22/1941	11	445	26S	34W	14	26S34W14	26S-34W SECTION 14: N/2	HNNEY	
29857000	LEASE - OIL AND GAS	IRA B HATFIELD A SINGLE MAN	E PAUL HATFIELD	2/6/1943	12	117	265	34W	15	26S34W15	265-34W Sec. 15: S/2	FINNEY	

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Footnote											39			2	2	2	2	2	2	2	2	38	7
County	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL
Legal Description	265-34W Sec. 15: N/2	26S-34W Sec. 15: N/2	26S-34W Sec. 16: 5/2	26S-34W Sec. 16: S/2	265-34W Sec. 16: N/2	26S-34W Sec 19: All	265-34W Sec 5: Lots 1 & 2: 5/2 NE/4	265-34W Sec. 5: Lots 3 & 4; S/2 NW/4	265-34W Sec. 5: Lots 1 & 2: S/2 NE/4	26S-34VV Sec. 5: S/2	265-34W Sec. 7: NE/4	265-34V/ Sec. 7: Lets 3 & 4: E/2 SV/4: SE/4	265-34W Sec. 8: S/2 NE/4; N/2 NE/4; S/2; NW/4	285-33W Sec. 26: SW/4	285-34W SECTION 1: E/2	285-34VV Sec. 29: SE/4	285-34W Sec. 29: SE/4	285-34W Sec. 32: SW/4	285-34W Sec. 32: NW/4	285-34VV Sec. 32: NE/4	28S-34W Sec. 32: NW/4	295.34.VV Sec. 10. NV/A SV/4; NV/4.5/2 SV/4 Limited to the wellbor of the MLP Tiller A-2 (API 1508121615)	295-34W 295-30: SEV Limited to the wellborr of the MLP Titler A-2 (API 1508121616)
Concatenate	26S34W15	26S34W15	26S34W16	26S34W16	26S34W16	26S34W19	26S34W5	26S34W5	26S34W5	26S34W5	26S34W7	26S34W7	26S34WB	28S33W26	28S34W1	28S34W29	28S34W29	28S34W32	28S34W32	28S34W32	28S34W32	29S34W10	29534W10
Section	15	15	16	16	16	19	ы	ß	ъ	S	2	2	80	26	ч	29	29	32	32	32	32	10	10
Range	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	MEE	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	26S	26S	26S	26S	26S	26S	26S	265	26S	26S	26S	26S	26S	28S	28S	28S	28S	28S	28S	28S	28S	295	29S
Page	385	542	385	543	N/A	639	2	328	324	309	312	258	444	580	64	m	504	295	m	591	504	514	540
Book	11	15	11	15	N/A	12	17	19	19	11	11	16	11	E	13	9	ß	9	9	9	в	m	m
Date	9/11/1941	8/1/1946	1461/11/6	B/1/1946	12/31/1938	11/2/1943	1/15/1948	6/20/1949	6/20/1949	8/21/1941	8/1/1941	3/25/1947	9/6/1941	4/20/1943	7/16/1953	5/10/1944	11/9/1942	8/20/1935	5/10/1944	7/28/1945	11/9/1942	1/15/1943	1/12/1943
Original Lessee	J E O'DONNELL	CHAMPLIN REFINING COMPANY	JE O'DONNELL	CHAMPLIN REFINING COMPANY	G M TAYLOR	HOWARD KUHN	CHAMPLIN REFINING COMPANY	CHAMPLIN REFINING COMPANY	CHAMPLIN REFINING COMPANY	JE O'DONNELL	J E O'DONNELL	THE FIN-KER OIL & GAS PRODUCTION COMPANY	J E O'DONNELL	JOE E. DENHAM	NORTHERN NATURAL GAS COMPANY	JOE E. DENHAM	CITIES SERVICE OIL COMPANY	HELMRICH & PAYNE INC	JOE E. DENHAM	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	UNITED PRODUCING COMPANY INC	UNITED PRODUCING COMPANY INC
Original Lessor	JOHN W NOLAN AND GLADYS F NOLAN HIS WIFE	MAGNOLIA PETROLEUM COMPANY	JOHN W NOLAN AND GLADYS F NOLAN HIS WIFE	MAGNOLIA PETROLEUM COMPANY	UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KSBLM 0013706	MAXINE D JONES AND JOHN C JONES HER HUSBAND	CLAUDE D WHITFIELD, SOLE AND ONLY HEIR OF IDA R WHITFIELD DECEASED AND NORMA A WHITFIELD, WIFE OF CLAUDE D WHITFIELD	EARNEST C MOODY, SINGLE: CHESTER O MOODY & RUBY MOODY HIS WIFE, ET AL	EARNEST C MOODY, SINGLE: CHESTER O MOODY & RUBY MOODY HIS WIFE, ET AL	THOMAS H KEPHART SINGLE	C LEE REEVE A WIDOWER	EARL W CAMPBELL ET AL	JAMES YEISER A SINGLE MAN AND RYLAND D BEDFORD A SINGLE MAN	ED M WATKINS AND MABEL E WATKINS HIS WIFE	R. E. WINTER ET AL	EQUAL ROYALTY COMPANY AND ROYALTY HOLDING COMPANY	FRANK MCCOY AND ETTA MCCOY HIS WIFE	E M GREGG ET AL	EQUAL ROYALTY COMPANY AND ROYALTY HOLDING COMPANY	FRANK MCCOY AND ETTA MCCOY HIS WIFE	FRANK MCCOY AND ETTA MCCOY HIS WIFE	ELLENA FLORENCE TILLER A WIDOW	S B HOWELL BEING THE SAME PERSON AS SAMUEL B HOWELL AND SUSIE H HOWELL HIS WIFE ET AL
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
Agreement #	29853002	29853004	29853002	29853003	29853001	29993000	29834002	29834003	29834004	29834001	29838002 81985000	29840000	29858000	30042000 62849000	82868000	30047002	30047001	30052000	30047002	30051000	30047001	30075000 67313000	30074000

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Footnote	и	2	7	2	2	2	2	м	7	2	2	7			v		2	м
County	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL			TASAELL		HASKELL	HASKELL
Legal Description	295-34W Sec. 11: SW/4; E/2 NW/4	295-34W Sec. 12: SW/4	295-34W Sec. 13: NZ	295-34W Sec. 13: SW/4	295-34W Sec. 13: SE/4	29S-34W Sec. 14: SW/4	295-34W Sec. 14: SE(4	295-34W Sec. 14: NE/4: NW/4	295-34W Sec. 14: NE/4	295-34W Sec. 14: NW/4	295-34VV Sec. 22: S/2 NE/4: NE/4: NE/4	295-34W See, 26: SVVA SEV; S72 SEV SEV; S72 NVVA SEV; S72 NE/4 SEV4; N/2 SEV4; S72 NVVVA SEV4; N/2 NE/4 SEV4	Limited to the wellbores of the MLP Santala 2-36 (API 1508121172), MLP Santala 3-26 (API 1508121170), and MLP Santala A-1-26 (API 1508120858)	295-34W Sec. 26: NW/4 NW/4; SUM/4 NW/4; SE/4 NW/4; SE/4 NE/4; NE/4 NW/4; S/2 SW/4 NE/4; N/2 SW/4 NE/4; N/2 NE/4	Limited to the wellbores of the MLP Santala 2-36 (API 1508121172), MLP Santala 3-26 (API 1508121170), and MLP Santala A-1-26 (API 1508120858)	295-34W Sec. 26: SW/4	Limited to the weitbores of the MLP Santha 2-36 (API 1508121172), MLP Santha 3-26 (API 1508121170), and MLP Santha A-1-26 (API 1508120858)	Less and except the wellbores of the MLP Samala 2-36 (API 1508121172), MLP Santala 3-26 (API 1508121170), and MLP Santala A-1-26 (API 1508120858)
Concatenate	29S34W11	29S34W12	29S34W13	29S34W13	29S34W13	29S34W14	29S34W14	29S34W14	29S34W14	29S34W14	29S34W22	29S34W26			07 A46667		29S34W26	29534W27
Section	Ħ	12	ñ	13	13	14	14	14	14	14	22	26		ł	8		26	27
Range		34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W			2 1		34W	34W
Township	29S	29S	29S	29S	29S	29S	29S	29S	295	29S	29S	29S			0		29S	29S
Page	9	407	530	517	509	489	234	230	232	221	183	537		i	110		539	178
Book	4	m	m	m	m	4	2	'n	2	2	2	ო			n		ო	и
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			C*C+ T+ T		2/22/1943	5/7/1934
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	2	UNITED PRODUCING COMPANY INC UNITED PRODUCING COMPANY				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 LESLIE AND MYRTLE I LESLIE HIS WIFF		FRANK MCCOY AND ETTA MCCOY HIS	WIFE		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		I EAGE , OIL AND GAG			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 Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
LEASE - OIL AND GAS	RUBY GRACE SCHMITT AND H M SCHMITT HER HUSBAND	ALDEN W FOSTER	4/25/1934	2	171	295	34W	27	29S34W27	295-34W Sec. 27: SW/4 SW/4: NW/4 SW/4: E/2 SW/4	HASKELL	2
LEASE - OIL AND GAS	MRS CHARLES KOENIG AND CHARLES KOENIG HER HUSBAND	ALDEN W FOSTER	5/12/1934	7	166	29S	34W	28	29S34W28	295-34W Sec. 28: 5E/4 5E/4: ED/2014 3E/4: ED/2014 2E/4: W/2 NE/4 5E/4: W/2 NW/4 5E/4: 5W/4 5E/4: 2W/2 L (API 15- 081-21039-0001) AND THE MLP KOENING 2-28 WELL (API 15- 081-21029-0001) AND THE MLP KOENING 2-28 WELL (API	HASKELL	и
LEASE - OIL AND GAS	JOHN D G STUCKY AND SOPHIA STUCKY HIS WIFE	UNITED PRODUCING COMPANY INC	6/1/1943	4	349	295	34W	29	29S34W29	295.34W Sec. 29: NE(4	HASKELL	2
LEASE - OIL AND GAS	C L HUXMAN AND FLORENCE HUXMAN HIS WIFE	UNITED PRODUCING COMPANY INC	2/26/1944	7	444	295	34W	34	29S34W34	295-34W Sec. 34: S/2 SW/4 SE4: S/2 NW/4 SE/4: N/2 NW/4 SE/4: E/2 SE/4	HASKELL	7
LEASE - OIL AND GAS	JAMES F MOYER AND WIFE ANNA MOYER	ALDEN W FOSTER	5/21/1934	2	192	295	34W	34	29S34W34	295-34W Sec 34: NW/4	HASKELL	2
LEASE - OIL AND GAS	M E THRELKELD AND J D THRELKELD HER HUSBAND	JOE E. DENHAM	8/9/1943	4	312	295	34W	34	29S34W34	295-34V Sec. 34: SW/4 SW/4; NW/4 SW/4; E/2 SW/4	HASKELL	. 2
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	ы	287	29S	34W	35	29S34W35	295-34W Sec 35: SW/4 SW/4: SW/4 NW/4; SW/4; NW/4 NW/4; E12 W/2: E12	HASKELL	и
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 NW/4; SW/4; NW/4 NW/4; E/2 W/2: E/2	HASKELL	2
LEASE - OIL AND GAS	JOHN J RLEET AND JUANIECE FLEET HIS WIFE AND HAZEL T FLEET, EXECUTRIX OF THE ESTATE OF D F FLEET DECEASED	W B OSBORN	12/14/1944	۵	260	29S	34W	35	29S34W35	295-34W Sec. 35: E/2. W/2: E/2: NW/4 SW/4, SW/4, SW/4, SW/4; NW/4 NW/4	HASKELL	7
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
TERM MINERAL DEED	ANADARKO PETROLEUM CORPORATION	MERIT PARTNERS, L.P., ET AL	EFFECTIVE 9/1/2004	181	674	295	34W	4	29S34W4	295-34W Sec. 4: NW//4	HASKELL	2
LEASE - OIL AND GAS	ALFRED J COLLINGWOOD AND EDNA COLLINGWOOD HIS WIFE	PANHANDLE EASTERN PIPE LINE CO	4/30/1942	m	343	295	34W	80	29S34WB	295-34VV Soc. 8: NVV/4; NE/4	HASKELL	2
LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	m	156	295	35W	13	29S35W13	295-35W SECTION 13: SW/4	GRANT	2
LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	ო	156	29S	35W	23	29S35W23	295-35W SECTION 23: NE/4	GRANT	2
LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	e	156	29S	35W	24	29S35W24	295-35W SECTION 24: NW/4	GRANT	2
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: NEM, S/2	GRANT	7
LEASE - OIL AND GAS	E. U. ST UART (BEING THE SAME PERSUN AS EDWIN O. STUART) AND EVA A. CLITADT LUC WIFE	ALDEN W. FOSTER	7/6/1934	m	161	295	35W	28	29S35W28	295-35W SECTION 28: E/2 SE/4	GRANT	2
LEASE - OIL AND GAS	BERT W MCGINNIS AND EVAJ MCGINNIS HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/15/1934	192	308	SN	14ECM	22	2N14ECM22	2N-14ECM 5cc. 22: NW/4 LIMITED TO THE WELLBOR ONLY OF THE BOWEN 1-22 WELL (API 35:13925624)	TEXAS	
LEASE - OIL AND GAS	EFFIE BOWEN A WIDOW	STANLEY MARSH JR	4/6/1940	217	180	ZN	14ECM	22	2N14ECM22	2N-14ECM Sec 22: SW/4 LIMITED TO THE WELLBORE ONLY OF THE BOWEN 1-22 WELL (ARI 35:13925624)	TEXAS	
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	8	2N19ECM8	2N-19ECM Sec. B: NE/4	TEXAS	28

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Footnote	28	28	28	m	e	е	£	m	ю	2	7	2	2	2	2	2	2	м	2	2	2
County	TEXAS	TEXAS	TEXAS	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKFLL
Legal Description	2N-19ECM Sec. 8: SE/4	2N-19ECM Sec. 8: W/2	2N-19ECM Sec. 8: W/2	2N-20ECM Sec 13: S/2 SW/4	2N-22ECM Sec. 28: SV//4 SV//4	2N-22ECM Sec. 28: N/2 SW/4; SE/4 SW/4	2N-22ECM Sec. 29: SE/4 SE/4	2N-22ECM Sec. 29: SW/4 SE/4	305-34W Sec. 2: W/2 NW/4 NW/4 Limited to the wellbores of the MLP Black 1-2 (API 1508121236), MLP Black 2-2 (API 1508121444), MLP Black 2-2 (API 1508121459) and MLP Black 4-2 (API 1508121459) and	305.34W Sec. 27: NW/4	305-34W See 27: All that part of the SW4 lying South and East of the North and West line of the ing PLo-f-way of the Dodge City and Cimarron Valley Railway Company as more particularly described in the lease.	305-34W Sec. 27: SW/4	30S-34W Sec. 28: NE/4	305-34W Sec 28: N/2 SE/4	30S-34W Sec 28:S/2 SE/4	305-34W Sec. 3: SVV/4 SVV/4: SE/4 SVV/4: NVV/4 SVV/4: NE/4 SVV/4	30S-34W Sec. 3: Lots 1 and 2: SE/4 NE/4; SW/4 NE/4	Sec. 3: SWIA NE4 SE4; W/2 SWIA SE4; W/2 NWIA SE4; SWIA NWIA; SE4 SWIA SE4; SE4 NWIA; SE4; SE4 NWIA; NWIA SE4 SE4; NWIA NWIA; NWIA NEA SE4; SE4 NWIA; SE4; NEA NWIA SE4; NEA NWIA; NWIA NEA SE4; SWIA SE4 SE4; NEA NWIA SE4; NEA NWIA; SE2 E7 SE7 SE4; SWIA SE4	305-34W See. A: N/2 NW/4 5EA; SWA NEIA; S/2 SW/4 5EA; S/2 SW/4 NE/4; S/2 NW/4 5EA; NW/4 NEIA; N/2 SW/4 SE/4; E725EA; N/2 SW/4 NEIA	30S-34W Sec 5: SW/4	30S-34W
Concatenate	2N19ECM8	2N19ECM8	2N19ECM8	2N20ECM13	2N22ECM28	2N22ECM2B	2N22ECM29	2N22ECM29	30S34W2	30S34W27	30S34W27	30S34W27	30S34W2B	30S34W2B	30S34W28	30S34W3	30S34W3	30S34W3	30S34W4	30S34W5	30S34W5
Section	œ	80	80	51	28	28	29	29	ю	27	57	27	28	28	28	m	m	m	4	s	s
Range	19ECM	19ECM	19ECM	ZOECM	22ECM	22ECM	22ECM	22ECM	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	ZN	ZN	ZN	ZN	ZN	ZN	ZN	ZN	305	SOE	305	SOE	30S	SOE	SOE	SOE	30S	30S	SOE	SOE	SUS
Page	523	523	210	371	231	412	231	412	289	235	245	236	234	233	195	298	248	m	406	175	174
Book	257	307	294	141	21	21	21	21	m	m	m	m	m	m	в	H	m	Q	m	2	°
Date	4/5/1952	12/15/1951	7/23/1952	4/8/1954	12/3/1945	12/3/1945	12/3/1945	12/3/1945	6/28/1941	1/22/1941	1/28/1941	1/22/1941	1/21/1941	1/21/1941	1/24/1941	9/28/1931	9/21/1942	7/1/1944	9/10/1942	5/28/1934	4/1934
Original Lessee	SINCLAIR OIL & GAS COMPANY	UNION OIL COMPANY OF CALIFORNIA	UNION OIL COMPANY OF CALIFORNIA	PANHANDLE EASTERN PIPELINE COMPANY	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	UNITED PRODUCING COMPANY INC	THE DERBY OIL COMPANY	THE DERBY OIL COMPANY	THE DERBY OIL COMPANY	THE DERBY OIL COMPANY	THE DERBY OIL COMPANY	THE DERBY OIL COMPANY	THE UNION OIL & ROYALTY COMPANY	UNITED PRODUCING COMPANY INC	UNITED PRODUCING COMPANY INC	UNITED PRODUCING COMPANY INC	ALDEN W FOSTER	ALDEN W FOSTER			
Original Lessor	CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE TRUST ESTATE	GEORGE S GILBERT AND EMMA GILBERT HUSBAND AND WIFE	>.		-		10	RAYMOND SMITH AND LAVAUN SMITH HIS WIFE	ILLINOIS BANKERS LIFE ASSURANCE COMPANY	FLORENCE BELLE MOSBARGER AND G H MOSBARGER HER HUSBAND	JAMES W SMITH AND LIZZIE SMITH HIS WIFE	PAULINE MURPHY ET VIR	A J BRYANT ET UX	EDWIN WARNER A SINGLE MAN	L O STANLEY ET UX	A R SWINDLER AND ANNA SWINDLER	EDWIN P SMITH AND CHARLOTTE M SMITH HIS WIFE	J W ONIONS AND EARLAMES EXECUTORS AND TRUSTEES UNDER THE LAST WILL AND TESTAMENT OF GRANT BLACK AND JS U G BLACK AND JS U G GRANT BLACK DECEASED	JJ WALTON AND MARY ADITH WALTON HIS WIFE	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	H P ROONEY AND MARGUERITE ROONEY
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 #	33084000	33082001	33082002	31737000	31734000	31735000	31734000	31735000	30058000	30035000	30037000	30038000	30039000	30040000	30036000	30107000 67321000	0006600E	30091000 67300000	30098000 67308000	30095000	30094000

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Footnote	2	2	2	2	2	2	7	2	2	2	2	2	7	2	ч	2	7	2	2	7	2	2	7	2	2	2	ч	2
County	HASKELL	HASKELL	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	GRANT	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD	SEWARD
Legal Description	30S-34VV Sec. 5: NE/4	30S-34VV See 5: NW/4	30S-35VV SECTION 14: NW/4	30S-35VV SECTION 15: N/2 NE/4	30S-35VV SECTION 23: NE/4	30S-35W SECTION 25: SW/4	30S-35VV SECTION 25: SE/4	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	30S-35VV SECTION 26: E/2 SV/4, SV//4 SV//4	30S-35VV SECTION 26: E/2 SV/4, SV//4 SV//4	30S-35W SECTION 26: NW/4 SW/4	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	30S-35W SEC. 26: SE/4	30S-35W SECTION 28: N/2 NE/4, N/W NW/4	30S-35W SECTION 3: SW/4	31S-34W SECTION 17: N/2 SE/4	31S-34W SECTION W/2 AND W/2 NE/4	31S-34W SECTION 17: N/2 SE/4	a1S-34W SECTION W/2 AND W/2 NE/4	31S-34VV SECTION 17: N/2 SE/4	31S-34W SECTION 17: S/2 SE/4	31S-34W SECTION 12: E/2 NE/4	315-34W SECTION 18: N/2 SE/4, SW/4 SE/4 SPECIFICALLY LESS AND EXCEPT THE SE/4 SE/4	31S-34W SECTION 18:SW/4 NE/4, NE/4 NE/4	31S-34W SECTION 20: S/2 NE/4, SE/4	31S-34W SECTION 20: S/2 NE/4, SE/4	31S-34VV SECTION 20: S/2 NE/4, SE/4	31S-34W SECTION 20: N/2 NE/4
Concatenate	30S34W5	30S34W5	30S35W14	30S35W15	30S35W23	30S35W25	30S35W25	30S35W26	30S35W26	30S35W26	30S35W26	30S35W26	30S35W26	30S35W28	BW3ES0E	31S34W17	31S34W17	31S34W17	31S34W17	31S34W17	31S34W17	31S34W17	31S34W1B	31S34W1B	31S34W20	31S34W20	31S34W20	31S34W20
Section	S	'n	14	15	23	25	25	26	26	26	26	26	26	28	m	17	17	17	17	17	17	17	18	18	20	20	20	20
Range	34W	34W	35W	35W	35W	35W	35W	35W	35W	35W	35W	35W	35W	35W	35W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	SOE	30S	30S	30S	305	305	SOE	30S	SOE	SOE	SOE	305	SOE	SOE	30S	31S	31S	31S	31S	315	31S	31S	315	315	31S	31S	31S	31S
Page	172	173	247	106	469	106	m	157	179	178	140	163	199	75	134	61	514	271	158	62	220	531	116	115	61	271	62	220
Book	2	2	4	7	m	~	7	10	5	91	7	10	7	10	و	69	75	75	74	69	75	47	85	85	69	75	69	75
Date	5/28/1934	5/28/1934	10/16/1937	3/24/1944	9/4/1936	3/24/1944	6/16/1943	3/13/1948	11/8/1947	11/8/1947	3/15/1944	5/5/1948	10/10/1944	6/10/1947	9/4/1942	3/9/1900	7491/71/1	5/31/1946	6/3/1946	5/19/1944	1/14/1946	4/28/1943	5/12/1948	5/12/1948	3/9/1900	5/31/1946	5/19/1944	1/14/1946
Original Lessee	ALDEN W FOSTER	ALDEN W FOSTER	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.	INTERSTATE PRODUCTION COMPANY	UNITED PRODUCING COMPANY, INC.	NORTHERN NATURAL GAS COMPANY	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.	UNITED PRODUCING COMPANY, INC.		UNITED PRODUCING COMPANY, INC.	NORTHERN NATURAL GAS COMPANY	WOOD RIVER OIL & REFINING CO. ET AL	NORTHERN NATURAL GAS COMPANY	WOOD RIVER OIL & REFINING CO. ET AL	NORTHERN NATURAL GAS COMPANY	BEN F. BLACK	JOE E. DENHAM	UNITED PRODUCING COMPANY INC	UNITED PRODUCING COMPANY INC	NORTHERN NATURAL GAS COMPANY	NORTHERN NATURAL GAS COMPANY	NORTHERN NATURAL GAS COMPANY	BEN F. BLACK
Original Lessor	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	O. W. HUTTON AND BESSIE W. HUTTON, HIS WIFE	CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE	R. G. KLEIN, ET UX	CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE	E. H. ELUOTT AND MYRTLE ELUOTT, HIS WIFE	DELLA M. ROBINSON, GUARDIAN	EDNA BILBERY ET AL	EDNA BILBERY, GUARDIAN	PEARL B. LINSCOTT AND M. R. LINSCOTT, HER HUSBAND	R. M. SHAW, A WIDDOWER	T. J. WAGNER, JR. AND ANNE WAGNER, HIS WIFE	RL HOOPER, HIS	ALBERT A. GOERING ET AL	ADAM O. RIDENOUR ET UX	FRED C. KOCH ET UX	GUARANTY TRUST COMPANY	HOME ROYALTY ASSOCIATION INC.	J. C. RIDENOUR ET UX	J. C. RIDENOUR ET UX	PATRICK H. DAY ET UX	W. V. GRIFFITH ET UX	W. V. GRIFFITH ET UX	ADAM O. RIDENOUR ET UX	GUARANTY TRUST COMPANY	J. C. RIDENOUR ET UX	J. C. RIDENOUR 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	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	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 #	30092000 67301000	00026002	NIA	3002000	29997000	3002000	3001000	30025004	30025002	30025003	30021000	30025001	30009000 67282000	29999000	30012000	30247003	30244001	30247001	30244002	30247002	30250000	30246000	30263000 67328000	30262000 67327000	30247003	30247001	30247002	30250000

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	315	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	7
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	315	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/2/	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	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	315	34W	22	31S34W22	315-34W SECTION 22: W/2 NW/4	SEWARD	7
30251000 66132000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION	FRED C. KOCH	4/3/1944	7	603	315	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	006T/6/E	69	61	315	34W	28	31S34W28	31S-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	315	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	315	34W	28	31S34W2B	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX		3/9/1900	69	61	315	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	10
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	315	34W	29	31S34W29	31S-34W SECTION 29: N/2 SV/4, SE/4 N/V/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	315	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	315	34W	4	31S34W4	315-34W 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	S	31S34W5	315-34W SECTION 5: N/2 SW/4, S/2 SE/4, SE/4 SW/4, SW/4 SW/4	SEWARD	7
30259000 67324000	LEASE - OIL AND GAS	JOHN DAY	ALDEN W FOSTER	7/5/1934	44	629	315	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	8	31S34WB	315-34W SECTION 8: E/2 NE/4	SEWARD	7
30244001	LEASE - OIL AND GAS	FRED C. KOCH ET UX	WOOD RIVER OIL & REFINING CO. ET AL	1/17/1947	75	514	315	34W	æ	31S34W8	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	315	34W	ი	31S34W9	315-34W 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	31S	34W	g	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	315	38W	10	31S38W10	315-38W 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	SIE	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	ω	435	315	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	315	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	315	38W	18	31S38W18	31S-38W SECTION 18: LOTS 1, 2, E/2 NW/4	STEVENS	2

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STEVENS 2	STEVENS 2	STEVENS 2	STEVENS 2	STEVENS 2		STEVENS 2																			
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31S38W19 31S-38W SECTION 19: W/2, SE/4			SE			1 31S-38W 56CTTON 21: NW/4 SE/4, SE/4 SW/4, SW/4 NE/4	SECT																		
.9 31S38W19		.9 31S38W19	0 31S3BW20	0 31S38W20	1 31S38W21		9 31S38W29																		
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315 38V 315 38V 315 38V			_	31S 38V	31S 38V	31S 38V		31S 38V																	
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D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON PANHANDLE EASTERN PIPE LINE COMPANY	D. D. HARRINGTON PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY		A. C. BOORDEAU	T. J. WAGNER JR	D. D. HARRINGTON	JOE E. DENHAM	D HARRINGTON		ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION CORPORATION	ULT PRAVILLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM	U.C. FRANKING ON ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION CORPORATION JOE E. DENHAM	U.C. FRANKING DETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM JOE E. DENHAM JOE E. DENHAM T. J. WAGNER JR	UCLARAGE DETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM OCAPORATION JOE E, DENHAM T. J. WAGNER JR D. D. HARRINGTON	U.C. FRANKING DETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM LOE E. DENHAM J.OE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON	U.C. FORMANING ON ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION JOE E. DENHAM T. J. WAGNER JR T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON	U.G. CARPORTIOUN ANADARO PETROLEUM ANADARO PETROLEUM CORPORATION ANADARO PETROLEUM ANADARO PETROLEUM JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON T. J. WAGNER JR	D. D. HARRINGTON ANADARO PETROLEUM ANADARO PETROLEUM CORPORATION ANADARO PETROLEUM ANADARO PETROLEUM JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON T. J. WAGNER JR D. D. HARRINGTON T. J. WAGNER JR	D. D. HARRINGTON ANADARO PETROLEUM ANADARO PETROLEUM CORPORATION ANADARO PETROLEUM CORPORATION JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON	D. D. HARRING PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON T. J. WAGNER JR T. J. WAGNER JR T. J. WAGNER JR T. J. WAGNER JR D. D. HARRINGTON T. J. WAGNER JR	D. D. HARRING PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM CORPORATION JOE E. DENHAM T. J. WAGNER J.R D. D. HARRINGTON D. D. D. HARRINGTON D. D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON D. D. D. HARRINGTON D. D. D. HARRINGTON D. D. HARRI	D. D. HARRINGTON ANADARO PETROLEUM ANADARO PETROLEUM CORPORATION ANADARO PETROLEUM CORPORATION JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON D. D. HARRINGTON T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON	U.C. I. PARAINING ON ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORTION JOE E. DENHAM T. J. WAGNER JR T. J. WAGNER JR D. D. HARRINGTON D. D. COMPANY PANHANDLE EASTERN PIPE LINE D. D. COMPANY	D. D. HARRING PETROLEUM ANADARKO PETROLEUM ANADARKO PETROLEUM CORPORATION ANADARKO PETROLEUM JOE E. DENHAM T. J. WAGNER JR D. D. HARRINGTON D. D. HARRINGTON
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SECTION 25: S/2 315-39W SECTION 26: SW/4 315-39W SECTION 26: SW/4 315.39W
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COMPANY
EMMA PETTUOHN
LEASE - OIL AND GAS
N/A

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	32S	MEE	9	32S33W6	325-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	7
30201000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	175	32S	MEE	7	32S33W7	325-33W 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	MEE	7	32S33W7	325-33W 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	MEE	7	32S33W7	325-33W SECTION 7: NW/A NE/A, E/2 NE/A	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	MEE	7	32S33W7	325-33W 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	MEE	7	7WEES2E	325-33W 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	MEE	7	32S33W7	325-33W 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	325-33W SECTION 7: NW/4 NE/4, E/2 NE/4	SEWARD	7
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	32S	MEE	7	32S33W7	325-33W 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	MEE	7	32S33W7	32S-33W SECTION 7: NW/4 NE/4, E/2 NE/4	SEWARD	19
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	32S	MEE	7	32S33W7	325-33W 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	MEE	8	32S33WB	325-33W 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	33W	80	32S33WB	325-33W SECTION B: SW/4	SEWARD	ч
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	32S	33W	80	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	7
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	32S	MEE	æ	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	7
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	MEE	ω	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	7
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	32S	MEE	æ	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	MEE	ω	32S33W8	325-33W 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	MEE	ø	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	263	574	32S	MEE	80	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	32S	MEE	ω	32S33W8	325-33W 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	32S	MEE	ω	32S33WB	325-33W SECTION 8: SW/4, SE/4	SEWARD	ч
30310000	LEASE - OIL AND GAS	EMMA THOMPSON HAYS ET VIR	NORTHERN NATURAL GAS COMPANY	5/8/1944	69	56	32S	34W	2	32S34W2	325-34W SECTION 2: NW/4	SEWARD	7
30297002	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	NORTHERN NATURAL GAS COMPANY	12/14/1945	43	152	32S	34W	m	32S34W3	325-34VV 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	325-34W SECTION 3: NE/4 SE/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	325-35W 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	32S35W28	32S-35W SECTION 2B: NVV/4	STEVENS	2
30393000	LEASE - OIL AND GAS	HORTENSE M. CAMPBELL	NORTHERN NATURAL GAS COMPANY	1/30/1939	б	559	32S	35W	28	32S35W28	325-35W SECTION 28: NE/4	STEVENS	2

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30392000	LEASE - OIL AND GAS	MARVIN MILLER ET UX	JOE E. DENHAM	5/3/1937	8	345	32S	35W	28	32S35W28	32S-35W SECTION 28: SE/4	STEVENS	2
84004000	LEASE - OIL AND GAS	JULIA E. HECHT ET AL	REPUBLIC NATURAL GAS COMPANY	11/9/1939	6	617	32S	37W	19	32S37W19	325-37W SECTION 19: LOTS 1, 2, E/2 NW/4	STEVENS	2
NIA	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	H3	299	32S	38W	1	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	7
84009000	LEASE - OIL AND GAS	OSCAR C. CRUMP ET UX	D. D. HARRINGTON	5/23/1945	13	515	32S	38W	11	32S38W11	325-38W 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	7
84011000	LEASE - OIL AND GAS	E. O. ANDERSON	PANHANDLE EASTERN PIPE LINE COMPANY	2/11/1942	10	337	32S	MBE	12	32S38W12	325-38W SECTION 12: SW/4	STEVENS	2
77275000	TERM MINERAL DEED	HARRY J. METTS ET UX	ANADARKO PETROLEUM CORPORATION	1/1/1986	118	57	32S	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	38W	12	32S38W12	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	38W	12	32S38W12	325-38W 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	13	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	325-38W SECTION 13: SE/4	STEVENS	и
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	7
77261000	TERM MINERAL DEED	WENDELL S. KELLER ET UX	ANADARKO PETROLEUM CORPORATION	9/16/1986	120	105	32S	38W	18	32S38W1B	325-38W · SECTION 18: SW/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B SUTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	32S	MBE	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	38W	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	32S38W2B	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	325-38W 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. CHAMBERLIN 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	325-38W 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	33	32S38W33	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	32S	38W	36	32S3BW36	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	38W	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	59	32S	38W	ß	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	32S	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	11	32S39W11	325-39W SECTION 11: NW/4	STEVENS	2

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	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	39W	Ħ	32S39W11	32S-39W SECTION 11: NW/4 SW/4, S/2 SW/4	STEVENS	2
	AMOS V. YOUNGGREN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/18/1942	10	340	32S	39W	11	32S39W11	325-39W SECTION 11: NE/4	STEVENS	2
—	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	MGE	14	32S39W14	325-39W SECTION 14: N/2 NW/4	STEVENS	2
-	C. O. JERREL ET UX	A. C. MOORHEAD	5/20/1943	12	171	32S	39W	14	32S39W14	325-39W 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	39W	15	32S39W15	325-39W SECTION 15: NE/4	STEVENS	2
LEASE - OIL AND GAS	E. V. BARKER ET UX	JOE E. DENHAM	4/21/1944	12	421	32S	39W	15	32S39W15	325-39W SECTION 15: SW/4	STEVENS	7
LEASE - OIL AND GAS	ETHEL B SPRING	PANHANDLE EASTERN PIPE LINE COMPANY	8/17/1948	23	129	325	39W	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	325-39W 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	39W	22	32S39W22	325-39W SECTION 22: N/2 SE/4	STEVENS	2
LEASE - OIL AND GAS	W. W. JENKINS ET AL	STANOLIND OIL AND GAS COMPANY	11/5/1943	12	551	32S	MGE	22	32S39W22	32S-39W SECTION 22: NW/4	STEVENS	2
LEASE - OIL AND GAS	G. R. HICKOK ET UX	A. C. MOORHEAD	5/28/1943	12	169	325	39W	23	32S39W23	325-39W SECTION 23: NW/4	STEVENS	2
LEASE - OIL AND GAS	DORA MOON	T. J. WAGNER JR	12/13/1943	12	549	325	39W	27	32S39W27	325-39W SECTION 27: E/2 SW/4	STEVENS	2
LEASE - OIL AND GAS	J. C. MOON ET UX	T. J. WAGNER JR	11/16/1943	12	535	32S	39W	27	32S39W27	325-39W SECTION 27: W/2 SW/4	STEVENS	7
TERM MINERAL DEED	LARRY E. KEENAN	ANADARKO PETROLEUM CORPORATION	7/15/1986	234	432	325	39W	27	32S39W27	325-39W SECTION 27: W/2 SW/4	STEVENS	2
TERM MINERAL DEED	ROBERT P. KEENAN	ANADARKO PETROLEUM CORPORATION	6/30/1986	234	432	32S	MGE	27	32S39W27	325-39W SECTION 27: W/2 SW/4	STEVENS	2
LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	325	M6E	m	EW9ES2E	325-39W SECTION 3: NE/4	STEVENS	2
LEASE - OIL AND GAS	A. R. SWINDLER	JOE E. DENHAM	5/11/1944	п	365	325	40W	32	32S40W32	325-40W SECTION 32: SW/4	MORTON	2
LEASE - OIL AND GAS	E.J. KULE	JOE E. DENHAM	3/16/1944	я	256	32S	40W	32	32S40W32	325-40W SECTION 32: SE/4	MORTON	7
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	н
LEASE - OIL AND GAS	THE KANSAS UNIVERSITY ENDOWMENT ASSOCIATION	_	10/3/1951	16	Ħ	32S	41W	23	32S41W23	325-41W SECTION 23: NW/4	MORTON	н
LEASE - OIL AND GAS	COURTLAND DEAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1959	20	321	32S	41W	m	32S41W3	325-41W SECTION 3: LOTS 1 AND 2 AND THE S/2 NE/4	MORTON	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: SVV/4 NE/4	MORTON	T
LEASE - OIL AND GAS	MARTIN RUSSELL JOHNS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1951	16	229	32S	41W	m	32S41W3	325-41W SECTION 3: 5/2	MORTON	T
LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1944	69	189	SEE	31W	о́с	OEWIESEE	33S-31W SECTION 30: LOT 1	SEWARD	2
LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	12	33S	31W	ое	OEWLESEE	335-31W SECTION 30: E/2	SEWARD	2
LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	Ħ	SEE	MIE	OE	0EW1ESEE	335-31W SECTION 30: LOTS 2. 3, 4: SE/4 SW/4, NE/4 NW/4, SE/4 NW/4, NE/4 SW/4	SEWARD	2
LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	6/28/1963	208	185	SEE	31W	31	1EW1ESEE	335-31W SECTION 31: E/2 SE/4, SE/4 NE/4	SEWARD	2
LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	ß	SEE	31W	31	1EW1ESEE	335-31W SECTION 31: NE/4 NU/2 E/2	SEWARD	2

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83623000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	10	33S	MIE	. 31	33S31W31	335-31W SECTION 31: LOTS 1. 2. 3. 4. E2 W/2	SEWARD	2
30277003	LEASE - OIL AND GAS	CONNIE C. DAVIS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	743	SEE	32W	2	2W2ESEE	335-32W SECTION 2: SW/4	SEWARD	2
30277002	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
30277001	LEASE - OIL AND GAS	MAIDA DENIO	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	733	SEE	MZE	7	33S32W2	335-32W SECTION 2: SW/4	SEWARD	2
83685000	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
83496000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	185	SEE	32W	25	33S32W25	335-32W SECTION 25: S/2 NW/4, N/2 NW/4, S/2 NE/4, S/2 SE/4, N/2 SE/4	SEWARD	ы
83497000	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
30273001	LEASE - OIL AND GAS	BEVERLY H. MALIN ET VIR	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	459	632	SEE	32W	m	EWSESE	335-32W SECTION 3: LOTS 2, 3, 8, 4, 5/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4)	SEWARD	2
30277003	LEASE - OIL AND GAS	CONNIE C. DAVIS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	743	SEE	32W	m	33S32W3	33S-32W SECTION 3: S/2 NE/2	SEWARD	2
30286002	LEASE - OIL AND GAS	DONNA MARIE WALKER TRUST	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	461	489	SEE	32W	m	33S32W3	33S-32W SECTION 3: E/2 SE/4	SEWARD	2
30273003	LEASE - OIL AND GAS	EARL DEAN HEADRICK TRUST	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	905	SEE	32W	m	33S32W3	335-32W SECTION 3: LOTS 2, 3, & 4, S/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4)	SEWARD	2
30277002	LEASE - OIL AND GAS	F. A. FELLERS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	738	33S	32W	т	33S32W3	335-32W SECTION 3: S/2 NE/2, W/2 SE/4	SEWARD	2
30276000	LEASE - OIL AND GAS	JACK REYNOLDS ET UX	T. S. DUDLEY LAND COMPANY INC.	2/20/1995	460	868	SEE	32W	e	33S32W3	335-32W SECTION 3: SW/4	SEWARD	2
30277001	LEASE - OIL AND GAS	MAIDA DENIO	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	733	SEE	MZE	3	BW2ESEE	33S-32W SECTION 3: S/2 NE/2, W/2 SE/4	SEWARD	2
30273002	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
83627000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	25	SEE	MZE	36	33S32W36	33S-32W SECTION 36: N/2	SEWARD	7
83626000	LEASE - OIL AND GAS	RICE DAVIES ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	7	33S	32W	36	33S32W36	335-32W SECTION 36: S/2	SEWARD	2
30285000	LEASE - OIL AND GAS	ARKALON GRAZING ASSOCIATION	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	461	499	SEE	32W	4	33S32W4	335-32W SECTION 4: E/2 SE/4	SEWARD	2
30269004	LEASE - OIL AND GAS	CECIL MILHON ET UX	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	979	33S	32W	4	33S32W4	33S-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269003	LEASE - OIL AND GAS		T. S. DUDLEY LAND COMPANY INC.	3/24/1995	460	969	33S	32W	4	33S32W4	33S-32W SECTION 4: W/2 SE/4, SW/4, N/2	SEWARD	2
30269001	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	4	33S32W4	335-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269002	LEASE - OIL AND GAS	WILLIAM J. STEWART	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	SEE	32W	4	33S32W4	335-32W SECTION 4: SVV/4, W/2 SE/4, N/2	SEWARD	2
30269001	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	Ø	33S32W9	335-32W SECTION 9: ALL	SEWARD	2
30269002	LEASE - OIL AND GAS	WILLIAM J. STEWART	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	33S	32W	6	33S32W9	33S-32W SECTION 9: ALL	SEWARD	2
83618000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1954	135	185	33S	33W	21	33S33W21	33S-33W SECTION 21: NVV/4	SEWARD	2

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83619000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1954	135	186	33S	33W	21	33S33W21	33S-33W SECTION 21: SW/4	SEWARD	2
28365005	TERM MINERAL DEED	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
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	33S	33W	21	33S33W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	SEE	33W	21	33S33W21	335-33V/ SECTION 21: NVV/4, SW/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	SEE	MEE	21	33S33W21	335-33W SECTION 21: NVV/4, SW/4	SEWARD	2
83593000	LEASE - OIL AND GAS	LEE V. SWAN ET UX	BEN F. BLACK	1/1/1945	69	511	SEE	MEE	21	12WEESEE	33S-33W SECTION 21: NE/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	SEE	33W	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	SEE	MEE	21	33S33W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
83503000	LEASE - OIL AND GAS	LOTTIE F. ARMSTRONG ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	11/10/1944	69	352	SEE	MEE	21	33S33W21	335-33W SECTION 21: SE/4 LESS AND EXCEPT THE WELLBORE OF THE DODD MADDEN A-1-21 WELL API 1517530012	SEWARD	и
28364000	TERM MINERAL DEED	NANCY BALUNGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	SEE	33W	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	SEE	MEE	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	33S	MEE	21	33S33W21	33S-33V/ SECTION 21: NV//4, SW/4	SEWARD	2
30188000	LEASE - OIL AND GAS	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	2
30189000	LEASE - OIL AND GAS	ANNIE K. LATIMER	BEN F. BLACK	1/8/1945	73	541	SEE	MEE	25	33333W25	33S-33W SECTION 25: SW/4, NW/4 SE/4	SEWARD	7
30181002	LEASE - OIL AND GAS	FEDERAL FARM MORTGAGE CORP	PANHANDLE EASTERN PIPE LINE COMPANY	6/12/1950	102	263	33S	MEE	25	33S33W25	335-33W SECTION 25: S/2 NE/4 NE/4	SEWARD	2
30191000	LEASE - OIL AND GAS	L. A. PHILLIPS ET UX	BEN F. BLACK	12/1/1945	75	213	SEE	MEE	25	33S33W25	335-33W SECTION 25: W/2 NW/4	SEWARD	2
30190000	LEASE - OIL AND GAS	LOTTIE PIEHLER ET AL	BEN F. BLACK	2/15/1945	73	459	SEE	MEE	25	33233W25	335-33W SECTION 25: NE/4 SE/4, S/2 SE/4 NE/4	SEWARD	2
30181001	LEASE - OIL AND GAS	ROLLAND JACQUART ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	6/12/1950	102	54	SEE	MEE	25	33S33W25	335-33W SECTION 25: S/2 NE/4 NE/4	SEWARD	2
83577000	LEASE - OIL AND GAS	DAISY V. HEARD ET UX	BEN F. BLACK	12/5/1944	69	508	33S	MEE	26	33S33W26	33S-33W SECTION 26: SE/4	SEWARD	2
30158000	LEASE - OIL AND GAS	CLIFFORD H. BROWNE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	164	SEE	MEE	27	33S33W27	335-33W SECTION 27: NE	SEWARD	2, 17
83579000	LEASE - OIL AND GAS	GERTRUDE BARTON	BEN F. BLACK	1/15/1945	73	427	SEE	33W	27	33S33W27	335-33W SECTION 27: SE/4	SEWARD	2
83578000	LEASE - OIL AND GAS	IDA M. GARY ET AL	JOHN M. FRANKLIN	10/23/1944	69	579	SEE	MEE	27	33S33W27	335-33W SECTION 27: W/2	SEWARD	ч
83578000	LEASE - OIL AND GAS	IDA M. GARY ET AL	JOHN M. FRANKLIN	10/23/1944	69	579	SEE	MEE	28	33S33W28	335-33W SECTION 28: SE/4	SEWARD	2
83634000	LEASE - OIL AND GAS	A. B. GRISHAM ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/31/1958	169	275	SEE	MEE	34	33S33W34	335-33W SECTION 34: SW/4	SEWARD	2
83632000	LEASE - OIL AND GAS	IDA CAMERON	PANHANDLE EASTERN PIPE LINE COMPANY	4/2/1958	169	54	SEE	MEE	34	33S33W34	335-33W SECTION 34: SW/4	SEWARD	2
83633000	LEASE - OIL AND GAS	LAUREL A. MARCH ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/31/1958	169	56	33S	MEE	34	#EMEESEE	335-33W SECTION 34: SW/4	SEWARD	2
83631000	LEASE - OIL AND GAS	ROSS FRAIM ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	3/18/1958	166	687	SEE	MEE	34	33S33W34	33S-33W SECTION 34: SW/4	SEWARD	2

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LEASE - OIL AND GAS	W. G. HARDEN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1944	69	170	335	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	53	326	33S	MEE	35	33X33W35	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	35X33W35	335-33W SECTION 35: NW/4	SEWARD	2
LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	182	33S	MEE	6	6MEESEE	33S-33W SECTION 9: S/2 NW/4	SEWARD	2
TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	SEE	MEE	6	6MEESEE	335-33W SECTION 9: S/2 NW/4	SEWARD	2
TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	33S	MEE	6	6MEESEE	33S-33W SECTION 9: S/2 NW/4	SEWARD	2
TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	203	574	SEE	MEE	6	6MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	SEE	MEE	6	6MEESEE	335-33W SECTION 9: S/2 NW/4	SEWARD	2
TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	293	574	33S	MEE	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	2
LEASE - OIL AND GAS	MARY N. ETZOLD	PANHANDLE EASTERN PIPE LINE COMPANY	8/26/1944	69	124	33S	MEE	6	6MEESEE	335-33W SECTION 9: SW/4	SEWARD	2
TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	293	574	SEE	MEE	6	6MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
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	293	574	SEE	MEE	6	6MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
LEASE - OIL AND GAS	HAZEL LUCILLE JONES ET VIR	FRED C. KOCH	4/3/1944	ч	620	SEE	34W	10	33S34W10	335-34W 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	335-34W 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	33S	34W	18	33S34W18	335-34W 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	33S34W1B	335-34W SECTION 18: N/2, SE/4	SEWARD	7
LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	FRED C. KOCH	4/24/1944	1	613	SEE	34W	2	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	335-34W 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	33S	34W	23	33S34W23	335-34W SECTION 23: S/2	SEWARD	2, 16
LEASE - OIL AND GAS		FRED C. KOCH	5/6/1944	69	2	SEE	34W	25	33S34W25	335-34W 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	335-34W SECTION 22: 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	SEE	34W	27	33S34W27	335-34W 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	335-34W SECTION 27: N/2 N/V/4	SEWARD	2, 15
LEASE - OIL AND GAS	MAUDE GUTTRIDGE ET AL	TOM BURDEN	4/22/1969	249	360	SEE	34W	27	33S34W27	335-34W SECTION 77- E/2	SEWARD	2, 15

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chibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLU	O
ale between PanHugoton Partners LLC and	H
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hibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHuge	oto
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83530000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	325	SEE	34W	28	33S34W28	33S-34W SECTION 28: NW/4	SEWARD	7
83531000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	331	33S	34W	28	33S34W2B	335-34W SECTION 28: SW/4	SEWARD	2
83529000	LEASE - OIL AND GAS	CLARENCE M. NIX ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/22/1949	85	326	33S	34W	28	33S34W28	335-34W SECTION 28: NE/4	SEWARD	2
83552000	LEASE - OIL AND GAS	CLARENCE M. NIX ET AL	FRANK PARKES	9/23/1942	79	257	SEE	34W	28	33S34W2B	33S-34W SECTION 28: SE/4	SEWARD	2
83532000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	326	33S	34W	29	33S34W29	335-34W SECTION 29: SW/4	SEWARD	2, 20
83533000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	327	SEE	34W	29	33S34W29	335-34W SECTION 29: NE/4	SEWARD	2, 20
83534000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	328	33S	34W	29	33S34W29	335-34W SECTION 29: SE/4	SEWARD	2, 20
30173000	LEASE - OIL AND GAS	HENRY GUTTRIDGE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/10/1949	85	308	335	34W	29	33S34W29	335-34W SECTION 29: NW/4	SEWARD	2, 20
83550000	LEASE - OIL AND GAS	C. E. HOWLAND ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/26/1949	85	351	33S	34W	30	33S34W30	335-34W SECTION 30: SE/4	SEWARD	2
83741000	LEASE - OIL AND GAS	HENRY F. GUTTRIDGE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/10/1949	85	311	33S	34W	30	33S34W30	335-34W SECTION 30: NE/4	SEWARD	2
83594000	LEASE - OIL AND GAS	JOHN W. FULLER ET UX	NORTHERN NATURAL GAS COMPANY	4/10/1946	75	259	33S	34W	30	33S34W30	335-34W SECTION 30: Lots 3, 4, E/2 SW/4	SEWARD	2
83547000	LEASE - OIL AND GAS	MARY A. FULLER	FRANK PARKES	3/3/1942	64	227	33S	34W	30	0EW4ESEE	335-34W SECTION 30: NW/4	SEWARD	2
83537000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	329	SEE	34W	33	33S34W33	335-34W SECTION 33: NW/4	SEWARD	2, 19
83538000	LEASE - OIL AND GAS	JOSEPHINE G. ALEXANDER ET VIR	E. L. BRADLEY	6/18/1945	73	215	SEE	34W	33	33S34W33	335-34W SECTION 33: SE/4	SEWARD	2, 19
83518000	LEASE - OIL AND GAS	D. W. MCGEE ET UX	FRANK PARKES	3/4/1942	64	238	SEE	34W	2	33S34W7	335-34W SECTION 7: SE/4	SEWARD	2
84202000	LEASE - OIL AND GAS	MABEL G. GRUNE ET VIR	NORTHERN NATURAL GAS COMPANY	11/26/1947	23	73	33S	35W	25	33S35W25	335-35W SECTION 25: N/2 SW/4	STEVENS	2
84203000	LEASE - OIL AND GAS	RALPH M. HEATH ET UX	NORTHERN NATURAL GAS COMPANY	1/5/1948	23	81	SEE	35W	25	33S35W25	335-35W SECTION 25: S/2 S/W/4, SE/4	STEVENS	2
84201000	LEASE - OIL AND GAS	ROBERT GROTHE ET UX	NORTHERN NATURAL GAS COMPANY	3/18/1946	14	155	33S	35W	25	33S35W25	335-35W SECTION 25; NW/4	STEVENS	2
84200000	LEASE - OIL AND GAS	W. H. MYRICK ET UX	NORTHERN NATURAL GAS COMPANY	3/15/1951	23	367	SEE	35W	25	33S35W25	335-35W SECTION 25: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MAE S. SUMMERS ET AL	NORTHERN NATURAL GAS COMPANY	11/27/1942	11	347	SEE	M9E	9	33S36W6	335-36W SECTION 6: SW/4	STEVENS	2
30397000	LEASE - OIL AND GAS	STELLA I. SIMPSON		5/11/1939	01	ß	33S	36W	9	33S36W6	335-36W SECTION 6: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	WESTE	9/11/1930	10	ß	SEE	36W	9	33S36W6	335.36W SECTION 6: SW/4	STEVENS	2
84348000	LEASE - OIL AND GAS	CLARA P. RATCLIFF ET AL	TEXAS INTERSTATE PIPE LINE CO.	10/16/1936	2	585	33S	37W	18	33S37W18	335-37W SECTION 18: W/2	STEVENS	2
83853000	LEASE - OIL AND GAS	CLARA R. RATCLIFF	TEXAS INTERSTATE PIPE LINE CO.	11/9/1935	7	418	SEE	37W	18	33S37W18	335-37W SECTION 18: SE/4	STEVENS	2
83953000	LEASE - OIL AND GAS	ELIZABETH M. WATKINS	PANHANDLE EASTERN PIPE LINE COMPANY	9/19/1938	6	11	33S	37W	18	33S37W1B	335-37W SECTION 18: NE/4	STEVENS	2
84365000	LEASE - OIL AND GAS	DON LILLY ET UX	ORVILLE H. PARKER	3/13/1940	6	134	SEE	37W	19	33S37W19	33S-37W SECTION 19: NE/4	STEVENS	2
84364000	LEASE - OIL AND GAS	ZOLA NEVA NELL ET VIR	ORVILLE H. PARKER	2/28/1940	6	147	33S	37W	19	33S37W19	335-37W SECTION 19: NVV/4	STEVENS	2
83838000	LEASE - OIL AND GAS	R. M. CRAWFORD	FRED PHILLIPS	6/1//1926	1	324	33S	37W	31	33S37W31	335-37W SECTION 31: SW/4	STEVENS	2

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0. D. HARRINGTON 11/20/1943 12	#	2	537	SEE	37W	σ	33S37W9	335-37W SECTON 9: SW/4 AS FURTHER DESCRIBED IN METES AND BOUNDS IN SAID LEASE	STEVENS	2
A.C.MO0RHEAD 67/1973 11	#		631	SEE	37W	σ	6M/ESEE	335-37W SECTION 9: ALL THAT PART OF THE SWIA LYING NORTH OF THE RIGHT OF WAY OF THE D. C. & C. V. RW COMPANY, AS IT IS NOW SITUATE ACROSS SAID QUARTER SECTION	STEVENS	И
EDW B. MCKENNA 10/28/1927 1	1		443	33S	38W	-	33S3BW1	335-38W SECTION 1: SE/4	STEVENS	2, 24
EDW B. MCKENNA 10/28/1927 1	1		442	33S	38W	1	33S3BW1	335-38W SECTION 1: NE/4	STEVENS	2,24
PANHANDLE EASTERN PIPE LINE 4/27/1943 11 COMPANY 2008PANY	7		593	33S	38W	я	33S38W11	335-38W SECTION 11: NE/4	STEVENS	2
PANHANDLE EASTERN PIPE LINE 9/5/1940 9 COMPANY	თ		42	335	38W	я	33S38W11	335-38VV SECTION 11: NW/4	STEVENS	2
PANHANDLE EASTERN PIPE LINE 5/13/1943 12 COMPANY	11		163	335	38W	#	33S3BW11	335-38W SECTION 11: E/2 SE/4	STEVENS	2
PANHANDLE EASTERN PIPE LINE 5/13/1943 12 COMPANY 5/13/1943	12		165	33S	38W	Ħ	33S38W11	335-38V/ SECTION 11: W/2 SE/4	STEVENS	2
EDW B. MCKENNA 10/29/1927 1	н		465	33S	38W	Ħ	33S38W11	335-38W SECTON 11: SW/4	STEVENS	2
PANHANDLE EASTERN PIPE LINE 4/27/1943 11 COMPANY	#		591	33S	38W	12	33S38W12	335-38W SECTION 12: NW/4	STEVENS	2, 22
PANHANDLE EASTERN PIPE LINE 5/9/1944 12 COMPANY	12		419	33S	38W	12	33S38W12	335-38W SECTION 12: SW/4	STEVENS	2, 22
J. E. DENHAM 7/26/1943 12	12		115	33S	38W	12	33S38W12	33S-38W SECTION 12: SE/4	STEVENS	2, 22
ORVILLE H. PARKER 3/15/1940 10	10		140	33S	38W	EI	33S38W13	33S-38V/ SECTION 13: SE/4	STEVENS	2, 25
PANHANDLE EASTERN PIPE LINE 11/1/1949 23 COMPANY	8		207	33S	38W	Ę	33S38W13	335-38VV SECTION 13: NW/4	STEVENS	2, 25
PANHANDLE EASTERN PIPE LINE 11/1/1949 23 COMPANY	23		207	33S	38W	EI	33S38W13	335-38W SECTION 13: SW/4	STEVENS	2, 25
ALF M. LANDON 5/5/1947 14	14		595	33S	38W	13	33S38W13	335-38V/ SECTON 13: SW/4	STEVENS	2, 25
ALF M. LANDON 7/30/1947 23	23		31	33S	38W	13	33S38W13	335-38W SECTION 13: NW/4	STEVENS	2, 25
ALF M. LANDON 7/30/1947 23	53		31	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
PANHANDLE EASTERN PIPE LINE 11/16/1945 14 COMPANY	14		281	SEE	38W	Ę	33S38W13	335-38W SECTION 13: W/2	STEVENS	2, 25
GILBERT WOOD 2/21945 14	14		43	33S	38W	EI	33S3BW13	33S-38V/ SECTION 13: SW/4	STEVENS	2, 25
PANHANDLE EASTERN PIPE LINE 11/1/1949 23 COMPANY	53		203	33S	38W	13	33S38W13	33S-38V SECTION 13: NVV/4	STEVENS	2, 25
GILBERT WOOD 6/21/1945 14	14		29	SEE	38W	13	33S38W13	335-38W SECTION 13: SW/4	STEVENS	2, 25
GILBERT WOOD 1/11/1945 14			41	33S	3BW	13	33S38W13	335-38V/ SECTION 13: NW/4	STEVENS	2, 25
GILBERT WOOD 1/11/1945 14	14		41	SEE	38W	EI	EIWBESEE	33S-38V SECTION 13: SW/4	STEVENS	2, 25
T.J. WAGNERJR 10/19/1944 14	14									

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63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	13	33S38W13	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	33S	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	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	SEE	38W	13	33S38W13	335-38W SECTION 13: SW/4	STEVENS	2, 25
63591000	LEASE - OIL AND GAS	PHILIP SHELL ET AL	JOE E. DENHAM	9/8/1943	12	147	33S	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	66	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
77284000	TERM MINERAL DEED	ROSE L FRIEDMAN	ANADARKO PETROLEUM CORPORATION	12/1/1986	121	60	33S	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	33S	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	33S	38W	14	33S38W14	33S-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	33S	38W	14	33S38W14	335-38W 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	33S	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	33S	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	33S	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	33S	38W	14	33S38W14	33S-38V/ 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	33S	38W	14	33S38W14	335-38W SECTION 14: NE/4	STEVENS	2
84328000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	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	33S	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	33S	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	38W	14	33S38W14	335-38W 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	33S	38W	14	33S38W14	33S-38V/ SECTION 14: SE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	335-38W SECTION 14: NE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38V/ SECTION 14: SW/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38V/ SECTION 14: NW/4	STEVENS	2
63577000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	65	33S	38W	14	33S38W14	335-38W SECTION 14: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNER JR	10/19/1944	14	67	SEE	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	67	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	335	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2

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63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	SEE	MBE	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	ы
63581000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	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	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	53	29	SEE	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	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	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	33S	38W	14	33S38W14	33S-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	33S	38W	15	33S38W15	33S-38W SECTION 15: 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: SE/4	STEVENS	2
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	SEE	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	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	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	7
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	335	38W	15	31WBESEE	33S-38W SECTION 15: SE/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	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	33S	38W	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	335	38W	15	33S38W15	335-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	STATE LIFE INSURANCE COMPANY	JOE E. DENHAM	6/23/1944	12	467	33S	38W	15	33S38W15	33S-38W SECTION 15: SW/4	STEVENS	7
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
N/A	LEASE - OIL AND GAS	W. C. UGHT ET UX	JOE E. DENHAM	10/18/1943	12	159	33S	38W	15	33S38W15	33S-38W SECTION 15: SW/4	STEVENS	ы
30327000	LEASE - OIL AND GAS	J. R. FATZER	REPUBLIC NATURAL GAS COMPANY	1/15/1943	11	401	33S	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	33S	38W	19	6T/M8ESEE	335-38W SECTION 19: NW/4	STEVENS	2
83860000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	ч	441	33S	38W	2	2W8ESEE	335-38W 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	38W	2	33S3BW2	33S-38W SECTION 2: SW/4	STEVENS	2
84363000	LEASE - OIL AND GAS	W. E. SERIGHT ET UX	ORVILLE H. PARKER	3/8/1940	10	141	33S	38W	24	33S38W24	335-38W SECTION 24: NE/4	STEVENS	2
30319000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	SATURN OIL & GAS COMPANY	3///1935	7	232	33S	38W	30	DEWBESEE	335-38W 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	33S38W30	33S-38W SECTION 30: NE/4	STEVENS	2

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	w. c. light et ux	T. J. WAGNER JR	8/6/1943	12	575	SEE	38W	30	DEVABESEE	335-38W SECTION 30: W/2	STEVENS	2
	HERMAN T. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	335-38W SECTION 32: SW/4	STEVENS	2
	JOHN H. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	335-38W SECTION 32: SW/4	STEVENS	2
1	LAVERDA MARIE HELWIG	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	335-38W SECTION 32: SW/4	STEVENS	2
	NETTIE RATZLAFF ET AL	H. D. TAYLOR	8/13/1943	12	137	33S	38W	32	33S38W32	335-38W SECTION 32: SW/4	STEVENS	7
1	DALE PERRILL ET AL	REPUBLIC NATURAL GAS COMPANY	11/8/1944	13	68	33S	38W	36	9EM8ESEE	335-38W SECTION 36: S/2 SE/4	STEVENS	2
LEASE - OIL AND GAS	HEIRS OF R. M. CRAWFORD ESTATE	HOWARD H. SIDWELL AGENT	7/6/1944	ų	499	SEE	38W	36	3538W36	33S-38W SECTION 36: N/2 SE/4	STEVENS	2
LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M.J. SULLIVAN	9/16/1937	8	446	SEE	38W	4	33S38W4	335-38W SECTION 4: A PART OF THE NW/4, MORE SPECIFICALLY DESCRIBED IN SAID LEASE	STEVENS	7
LEASE - OIL AND GAS	BERTHA A. PERRY	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1946	14	423	335	38W	4	33S3BW4	33S-38W SECTION 4: SOUTH 109-5 ACRES OF THE NE/4	STEVENS	2
LEASE - OIL AND GAS	J. N. PERRY ET UX	T. J. WAGNER JR	7/26/1943	12	189	SEE	38W	4	33S38W4	335-38W SECTION 4: SE/4	STEVENS	2
LEASE - OIL AND GAS	PEARLR. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	ę	271	SE	ÅBE	4	*Macsec	335-39W SECTION 4: A PART OF THE NORTHEAST QUARTER (NEW) OF SECTION 4: A PART OF THE NORTHEAST QUARTER (NEW) OF SECTION 4: TOWNSHIP IS 30 CUM, RANGE 39 WARST OF THE GFT PA.STEVENS COUNTY, KANSAS, MORE SPECIFICALLY DESCRIBEDAS FOLLOWS, TO WIT: BEGINNING AT THE NORTHWEST CORNEROPSIAD NORTHEAST QUARTER (NEW) OF SECTION A NORTHEAST QUARTER (NEW) OF SECTION A NORTHEAST QUARTER (NEW) OF SECTION A NORTHEAST QUARTER (NEW) OF SECTION A DISTANCE OF B32.5 FET TO THE NORTH LINE OF SAID NORTHEAST QUARTER(NEW) OF SAID QUARTER (NEW) OF SAID STANCE OF 33.4.66 FEET; THENCE EAST AND THE NORTH LINE OF SAID QUARTER SECTION A DISTANCE OF 31.4.85 FEET; OTHE PLACE OF BEGINNING, SAID THRAN OF SAID QUARTER SECTION A DISTANCE OF 31.4.85 FEET; OTHE PLACE OF BEGINNING, SAID THRAN CONTAINING 17 1.2ACRES, MORE OR LESS.	STEVENS	Ν
LEASE - OIL AND GAS	PEARL R. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	Ę	569	SEE	N BE	4	*Macsee	335-39W 36 PART OF THE NE4 OF SECTION 4, CONTAINING 33 ACRES: BEGINNING AT A POINT ON THA NORTHLINE OF SAID NE4 OF SECTION 4, DISTANCE OF 31,485 RETE BAST OF THE NWLC OF NE4 OF SECTION. THENCE EAST ALONG THE NORTH LINE GE SAID ORTO THE NEG OF SECTION 4, THENCE SOUTH ALONG EAST LINE OF SECTION A DISTANCE OF 833.25 REET, THENCE WEST ACROSS SAID SECTION 91,485 REET EAST OF THE WEST LINE OF NE4, THENCE NORTH LINE OF SECTION 19,485 REET EAST OF THE WEST LINE OF NE4,	STEVENS	N
LEASE - OIL AND GAS	HARRY V, TROUP ET UX	T. J. WAGNER JR	3/28/1944	12	627	SEE	38W	6	6/M8ESEE	335-38W SECTION 9: NE/4	STEVENS	2
LEASE - OIL AND GAS	J. N. PERRY ET UX	T.J. WAGNER JR	7/26/1943	12	191	33S	38W	6	93338W9	335-38W SECTION 9: NW/4	STEVENS	2
	J. S. MILLER ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	9/2/1941	10	339	33S	38W	6	33S38W9	335-38W SECTION 9: SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	E. LESTER ET UX	REPUBLIC NATURAL GAS COMPANY	5/31/1941	10	141	SEE	39W	ч	1W9535	33S-39W SECTION 1: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	J. A. CHRISTOPHER ET UX	THE ARGUS PRODUCTION COMPANY	3/6/1930	m	547	SEE	MGE	10	33S39W10	335-39VV SECTION 10: NE/4	STEVENS	7
N/A	LEASE - OIL AND GAS	HELEN BROOKS HALL ET VIR	REPUBLIC NATURAL GAS COMPANY	7/5/1941	10	446	33S	MGE	11	33S39W11	335-39W SECTION 11: NW/4	STEVENS	2
82971000	LEASE - OIL AND GAS	JESS DAVIDSON, ST AL.	A. C. MOORHEAD	4/15/1943	თ	344	SEE	39W	18	33399W18	335-39V/ SECTION 18: NW/4	MORTON	7
30322000	LEASE - OIL AND GAS	W. S. MORGAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1942	п	152	33S	39W	23	33S39W23	335-39W SECTION 23: NW/4	STEVENS	2
30320000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	THE AGATE OIL & GAS COMPANY	2/24/1930	4	427	SEE	MGE	24	33S39W24	335-39VV SECTION 24: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	G. L. HAYWARD ET UX	A. C. MOORHEAD	4/13/1943	12	22	SEE	MGE	m	EMGESEE	33S-39VV SECTION 3: NVV/4	STEVENS	ч
82971000	LEASE - OIL AND GAS	JESS DAVIDSON, ST AL.	A. C. MOORHEAD	4/15/1943	თ	344	SEE	MGE	2	33S39W7	335-39W SECTION 7: SW/4	MORTON	2
N/A	LEASE - OIL AND GAS	G. L. HAYWARD ET UX	REPUBLIC NATURAL GAS COMPANY	4/27/1943	б	338	SEE	MGE	6	6M6ESEE	335-39W SECTION 9: SE/4	MORTON	2
30132000	LEASE - OIL AND GAS	H. C. BOWKER	JOE E. DENHAM	7/14/1943	10	293	SEE	40W	9	33S40W6	33S-40VV SECTION 6: SW/4	MORTON	2
30132000	LEASE - OIL AND GAS	H. C. BOWKER	JOE E. DENHAM	7/14/1943	10	293	33S	40W	9	33S40W6	335-40W SECTION 6: SW/4	MORTON	2
30133000	LEASE - OIL AND GAS	JOHN W. SNYDER ET UX	JOE E. DENHAM	3/20/1944	11	280	SEE	40W	و	33S40W6	335-40W SECTION 6: SE/4	MORTON	2
30133000	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
30144000	LEASE - OIL AND GAS	USA KS NM 67923	MATAGORDA ISLAND EXPLLORATION CORPORATION	4/27/1987	42	273	SEE	40W	9	33S40W6	335-40W SECTION 6: LOTS 3, 4, 5, SE/4 NW/4 (A/K/A NW/4)	MORTON	2
30143000	LEASE - OIL AND GAS	USA KSNM 67924	MATAGORDA ISLAND EXPLORATION CORPORATION	5/22/1987	42	414	SEE	40W	2	33S40W7	335-40W SECTION 7: LOTS 1. 2. 3 AND 4. E/2 W/2. E/2	MORTON	2
30145000	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	r
83434000	LEASE - OIL AND GAS	USA KSNM 77185	MESA OPERATING LTD PARTNERSHIP	5/3/1989	45	243	SEE	41W	12	33S41W12	33S-41W SECTION 12: W/2	MORTON	1
30125000	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	1
30148000	LEASE - OIL AND GAS	USA KSNM 77203	MATAGORDA ISLAND EXPLLORATION CORPORATION	12/1/1988	44	462	SEE	43W	12	33S43W12	335-43W SECTION 12: SW/4	MORTON	1
83666000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	365	34S	31W	s	34S31W5	34S-31W SECTION 5: LOTS 1. 2. S/2 NE/4	SEWARD	2
83665000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	363	34S	31W	ß	34S31W5	34S-31W SECTION 5: LOTS 3, 4, S/2 NW/4	SEWARD	2
83498000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1944	69	194	34S	31W	ъ	34S31W5	34S-31W SECTION 5: N/2 SE/4, SE/4, SW/4	SEWARD	2
N/A	LEASE - OIL AND GAS	ROBERT DAVIES ET UX	ANADARKO PETROLEUM CORPORATION	12/20/1963	213	220	34S	31W	S	34S31W5	34S-31W SECTION 5: SW/4 SE/4	SEWARD	2
34458000 83664000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	361	34S	31W	9	34S31W6	a4S-a1W SECTION 6: LOT 1	SEWARD	2
34416000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	6	34S	31W	9	34S31W6	34S-31W SECTION 6: LOTS 2 AND 3	SEWARD	2
83758000	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
83748000	LEASE - OIL AND GAS	ELTA R. HOWELL ET AL	THE SUPERIOR OIL COMPANY	11/16/1960	061	29	34S	31W	ω	34S31WB	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
83745000	LEASE - OIL AND GAS	FRED C. HOWELL ET UX	THE SUPERIOR OIL COMPANY	11/24/1960	190	31	34S	31W	8	34S31WB	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2

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THE SUPERIOR OIL COMPANY 11/24/1960
PANHANDLE EASTERN PIPE LINE 11/4/1944 COMPANY 11/4/1944
THE SUPERIOR OIL COMPANY 11/16/1960
THE SUPERIOR OIL COMPANY 11/24/1960
PANHANDLE EASTERN PIPE LINE 11/4/1944 COMPANY
E. H. ADAIR 10/30/1956
ANADARKO PETROLEUM 4/13/1965 CORPORATION
PANHANDLE EASTERN PIPE LINE 5/10/1945 COMPANY
ANADARKO PRODUCTION 3/6/1968 CORPORATION 3/6/1968
CROSS BAR PETROLEUM INC. 10/30/1996
THE CARTER OIL COMPANY 9/16/1955
O. R. WHITAKER 10/4/1962
ANADARKO PETROLEUM CORPORATION 9/30/1971
ANADARKO PETROLEUM CORPORATION 9/30/1971
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ANADARKO PETROLEUM 9/30/1971 CORPORATION

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83721000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	374	34S	32W	s	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	7
83709000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	354	34S	32W	S	34S32W5	34S-32W SECTION 5: LOTS 3: 4, E/2 NW/4	SEWARD	2
83726000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	29	34S	32W	S	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
73726000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	ΊE	34S	32W	ŝ	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	14
83714000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	27	345	32W	s	34S32W5	345-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83704000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	261	346	34S	32W	9	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83707000	LEASE - OIL AND GAS	HELEN GRUNDERSEN ET VIR	ANADARKO PRODUCTION COMPANY	9/30/1971	261	352	34S	32W	9	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	7
83705000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PRODUCTION COMPANY	1/30/1971	261	348	34S	32W	9	34S32W6	345-32W SECTION 6: LOTS 1, 2, 5/2 NE/4	SEWARD	2
83706000	LEASE - OIL AND GAS	PAUL A LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	261	350	34S	32W	9	34S32W6	345-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83703000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PRODUCTION COMPANY	9/30/1971	261	344	34S	32W	9	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83708000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	264	25	34S	32W	و	34S32W6	345-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
30179000	LEASE - OIL AND GAS	J. C. BROWN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/27/1950	85	486	34S	33W	2	34S33W2	34S-33W SECTION 2: SW/4	SEWARD	2
83678000	LEASE - OIL AND GAS	CHARLES S. CORRELL ET UX	ANADARKO PRODUCTION COMPANY	1/6/1965	218	251	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83699000	LEASE - OIL AND GAS	OKLAHOMA FURNATURE MANUFACTURING CO	ANADARKO PETROLEUM CORPORATION	5/17/1967	238	568	34S	33W	24	34S33W24	34S-33W SECTION 24: SW/4	SEWARD	2
83680000	LEASE - OIL AND GAS	R. D. JONES INC	ANADARKO PRODUCTION COMPANY	5/17/1967	238	572	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83679000	LEASE - OIL AND GAS	WARD S.MERRICK JR. ET AL	ANADARKO PRODUCTION COMPANY	5/17/1967	238	566	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83698000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PETROLEUM CORPORATION	4/13/1967	238	497	34S	33W	24	34S33W24	34S-33W SECTION 24: SW/4	SEWARD	2
83677000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PRODUCTION COMPANY	4/13/1967	238	495	34S	MEE	24	34S33W24	34S-33W SECTION 24: NW/4	SEWARD	2
83677000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PRODUCTION COMPANY	1/5/1965	218	253	34S	33W	24	34S33W24	34S-33W SECTION 24: E/2 NE/4, W/2 NE/4	SEWARD	2
8370000	LEASE - OIL AND GAS	WOODS PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	5/17/1967	238	570	34S	MEE	24	34S33W24	34S-33W SECTION 24: SW/4, SE/4	SEWARD	2
83542000	LEASE - OIL AND GAS	DON E. PRIEFERT ET UX	CITIES SERVICE OIL COMPANY	4/19/1943	47	550	34S	34W	10	34S34W10	34S-34W SECTION 10: NW/4, W/2 NE/4	SEWARD	2, 18
83541000	LEASE - OIL AND GAS	HOMER KRIEBLE	CITIES SERVICE OIL COMPANY	4/19/1943	47	549	34S	34W	10	34S34W10	34S-34W SECTION 10: E/2 NE/4, S/2	SEWARD	2, 18
30241000	LEASE - OIL AND GAS	CLEO A. ADAMSON ET AL	FRED C. KOCH	6/9/1943	47	571	34S	34W	Ħ	34S34W11	34S-34W SECTION 11: SE/4	SEWARD	2
30242000	LEASE - OIL AND GAS	ARTHUR H. KEATING ET AL	FRED C. KOCH	6/10/1943	47	314	34S	34W	2	34S34W2	34S-34W SECTION 2: NE/4	SEWARD	2
30225000	LEASE - OIL AND GAS	MYRTLE GASAWAY ET AL	FRED C. KOCH	3/6/1944	69	13	34S	34W	23	34S34W23	34S-34W SECTION 23: W/2	SEWARD	2
N/A	LEASE - OIL AND GAS	L A. BLOOM ET UX	ANADARKO PETROLEUM CORPORATION	1/3/1978	299	497	34S	34W	26	34S34W26	34S-34W SECTION 26: SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	L A. BLOOM ET UX	ANADARKO PETROLEUM CORPORATION	1/3/1978	299	500	34S	34W	26	34S34W26	34S-34W SECTION 26: NE/4	SEWARD	2
37167000	LEASE - OIL AND GAS	W. R. GREEN ET UX	FRED C. KOCH	6/10/1943	47	315	34S	34W	26	34S34W26	34S-34W SECTION 26: W/2	SEWARD	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
83610000	LEASE - OIL AND GAS	JOHN W. MOORE ET AL	CHAS VANCE	7/1/1950	102	391	34S	34W	27	34S34W27	34S-34W SECTION 27: E/2 SE/4, SW/4, W/2 SE/4	SEWARD	2, 21
83605000	LEASE - OIL AND GAS	RHODA SMITH ET AL	QUINQUE OIL & GAS PRODUCING CO.	5/6/1944	69	ß	34S	34W	27	34S34W27	345-34W SECTION 27: N/2	SEWARD	2, 21
30228000	LEASE - OIL AND GAS	ALYCE GAMMELL ET AL	ANADARKO PETROLEUM CORPORATION	7/24/1980	318	695	34S	34W	29	34S34W29	34S-34W SECTION 17: NW/4	SEWARD	2
30229000	LEASE - OIL AND GAS	ALYCE GAMMELL ET AL	ANADARKO PETROLEUM CORPORATION	7/24/1980	318	688	34S	34W	29	34S34W29	345-34W SECTION 17: NE/4	SEWARD	2
30231000	LEASE - OIL AND GAS	HARMON GILBERT BIRMINGHAM ET UX	VERNON T. BEHRENDT	5/27/1982	333	842	34S	34W	29	34S34W29	34S-34W SECTION 29: SW/4	SEWARD	2
83567000	LEASE - OIL AND GAS	ALVIN R. SWINDLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/8/1950	85	603	34S	34W	34	34S34W34	34S-34W SECTION 34: SE/4	SEWARD	2
30299003 67553005	LEASE - OIL AND GAS	BENJAMIN MALEMUDE ET UX	NORTHERN PUMP COMPANY	3/16/1951	Ħ	64	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	2
30299005 67553001	LEASE - OIL AND GAS	H. H. MATKIN ET UX	JOHN B. HAWLEY JR.	2/7/1951	106	395	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	2
83568000	LEASE - OIL AND GAS	JENNIE M. WOODS	PANHANDLE EASTERN PIPE LINE COMPANY	3/30/1956	141	364	34S	34W	34	34S34W34	345-34W SECTION 34: E/2	SEWARD	2
30299002 67553002	LEASE - OIL AND GAS	LENA FREIDMAN & PHILLIP FRIEDMAN	NORTHERN PUMP COMPANY	3/16/1951	106	536	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	2
30299006	LEASE - OIL AND GAS	MILTON H. BLAKEMORE ET AL	NORTHERN PUMP COMPANY	9/8/1980	321	626	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	2
83596000	LEASE - OIL AND GAS	RAY LAMBERTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/18/1952	111	474	34S	34W	34	34S34W34	34S-34W SECTION 34: NE/4	SEWARD	2
30299004 67553004	LEASE - OIL AND GAS	ROSE GEORGE MUNRO ET AL	JOHN B. HAWLEY JR.	5/3/1951	111	63	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	2
30299001 67553003	LEASE - OIL AND GAS	WEST PENN ROYALTIES COMPANY	NORTHERN PUMP COMPANY	3/16/1951	106	571	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30195002	LEASE - OIL AND GAS	GERTIE THEIRER PINKERTON ET AL	QUINQUE OIL & GAS PRODUCING CO.	9/16/1943	1	484	34S	34W	35	34S34W35	345-34W SECTION 35: E/2	SEWARD	2
30194000	LEASE - OIL AND GAS	RAY LAMBERSON ET UX	QUINQUE OIL & GAS PRODUCING CO.	12/31/1942	47	395	34S	34W	35	34S34W35	345-34W SECTION 35: W/2	SEWARD	2
30195001	LEASE - OIL AND GAS	T. H. PRINTZ ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/2/1943	47	524	34S	34W	35	34S34W35	345-34W SECTION 35: E/2	SEWARD	2
30396000 67530000	LEASE - OIL AND GAS	CITY OF LIBERAL KANSAS	NORVAL BALLARD	2/6/1951	106	298	34S	34W	36	34S34W36	345-34W SECTION 36: ALL LIMITED TO THE WELLBORE ONLY OF THE CITY OF LIBERAL C-1 WELL, (AM 1517521792)	SEWARD	2
84101000	LEASE - OIL AND GAS	HAROLD B. SCHOFIELD	T.J. WAGNERJR	7/28/1943	12	559	34S	37W	9	34S37W6	345-37W SECTION 6: NE/4 SW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T. J. WAGNER JR	7/28/1943	12	217	34S	37W	9	34S37W6	34S-37W SECTION 6: NE/4 SW/4, NW/4 SW/4, S/2 SW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T.J. WAGNERJR	7/28/1943	12	217	34S	38W	1	34S3BW1	345-38W SECTION 1: NE/4	STEVENS	2
30341000	LEASE - OIL AND GAS	JOHN BROWN ET UX	STEVENS COUNTY OIL & GAS CO.	9/14/1936	2	593	34S	38W	27	34S38W27	34S-38W SECTION 27: NW/4	STEVENS	2
30342002	LEASE - OIL AND GAS	E. V. BARKER ET UX	A. T. SPIKES	3/11/1943	14	195	34S	38W	28	34S38W28	345-38W SECTION 28: NE/4	STEVENS	2
30342001	LEASE - OIL AND GAS	ROSS E. TAYLOR ET UX	A. C. MOORHEAD	7/23/1943	12	201	34S	3BW	28	34S38W28	34S-38W SECTION 28: NE/4	STEVENS	2
84133000	LEASE - OIL AND GAS	CHARLIE W. GARMON ET AL	T.J. WAGNER JR	7/23/1943	12	185	34S	3BW	31	34S38W31	345-38W SECTION 31: SW/4	STEVENS	2
84135000	LEASE - OIL AND GAS	HARRY D. ADAMS ET AL	T. J. WAGNER JR	7/29/1963	12	319	34S	38W	31	34S38W31	34S-38W SECTION 31: NW/4	STEVENS	2
84134000	LEASE - OIL AND GAS	MARY E. BARROWS ET VIR	T. J. WAGNER JR	8/7/1943	12	261	34S	38W	31	34S38W31	34S-38W SECTION 31: SE/4	STEVENS	2

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Footnote	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	-
County	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	
Legal Description	34S-38W SECTION 32: NW/4	34S-38W SECTION 33: E/2 SW/4, SE/4	34S-38W SECTION 33: E/2 SW/4. SE/4	345-38W SECTION 33: E/2 SW/4, SE/4	34S-38W SECTION 33: E/2 SW/4. SE/4	34S-38W SECTION 33: E/2 SW/4, SE/4	34S-38W SECTION 33: E/2 SW/4	34S-38W SECTION 33: E/2 SW/4. SE/4	34S-38W SECTION 33: E/2 SW/4. SE/4	34S-38W SECTION 33: E/2 SW/4. SE/4	34S-38W SECTION 33: E/2 SW/4	34S-38W SECTION 33: E/2 SW/4, SE/4	34S-38W SECTION 34: SW/4 SW/4, E/2 SW/4	34S-38W SECTION 35: SE/4	34S-38W SECTION 35: NW/4	34S-38W SECTION 35: NE/4	34S-38W SECTION 15: SW/4	34S-38W SECTION 4: NE/4	34S-38W SECTION 4: NW/4	34S-38W SECTION 4: SW/4	34S-39W SECTION 10: SE/4	34S-39W SECTION 11: SW/4	345-39W CECTION 11: SW/2					
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Section	32	8	33	ŝ	33	33	33	33	ŝ	33	ŝ	33	33	33	33	33	34	35	35	35	35	4	4	4	10	11	11	
Range	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	MBE	MBE	38W	38W	38W	38W	38W	38W	39W	39W	39W	
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Page	511	913	943	934	931	925	919	928	922	789	916	907	916	792	916	940	444	402	642	643	641	367	377	381	543	414	440	
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Original Lessee	A. C. MOORHEAD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	ANADARKO PETROLEUM CORPORATION	BENEDUM-TREES OIL COMPANY	VICTOR H. MARTIN	VICTOR H. MARTIN	VICTOR H. MARTIN	ORVILLE H. PARKER	ORVILLE H. PARKER	ORVILLE H. PARKER	MOBIL OIL CORPORATION	MATAGORDA ISLAND EXPLORATION CORPORATION	MATAGORDA ISLAND									
Original Lessor	GEORGE M. ROLL	BILLY JOE BRECHEISEN	BRENDA JEAN FAGAN TOOLE	CHARLES FRED HINCH ET UX	CHARLES P. BRECHEISEN ET UX	FRED HINCH ET UX	GALEN A. BRECHEISEN ET AL	GEORGE LL HINCH ET UX	JAN DEE FAGAN LLOYD	LEE O. BRECHEISEN	MARION W. BRECHEISEN ET UX	PEGGY H. BRECHEISEN	RANDON D. BRECHEISEN	RODNEY L BRECHEISEN	RONALD J. SCOTT ET UX	ROSEMARY FAGAN	HARRY C. MORRIS TRUST	ELIZABETH M. WATKINS	HORACE WHEELER ET UX	HORACE WHEELER ET UX	HORACE WHEELER ET UX	CARL J. AEILTS	CLARENCE GREWELL ET UX	E. F. FUNKE ET UX	THE CONSERVATORSHIP OF CARL F. MATZEN ET AL	DONALD SIDWELL ET UX	HOWARD SIDLESS 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	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	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	
Agreement #	84136000	N/A	N/A	N/A	N/A	NIA	N/A	N/A	N/A	84229000	84227000	84228000	84226000	NIA	NIA	N/A	30356000	28383002	28383001									

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	information and information	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	553	34S	39W	35	34S39W35	34S-39W SECTION 35: SE/4	STEVENS	2
	USA KSNM 67937	MATAGORDA ISLAND EXPLORATION CORPORATION	6/24/1987	43	1	34S	40W	13	34S40W13	345-40W SECTION 13: NW/4	MORTON	2
. 1	USA KSNM 67938	MATAGORDA ISLAND EXPLLORATION CORPORATION	5/8/1987	43	2	34S	40W	13	34S40W13	345-40W SECTION 13: SW/4	MORTON	2
	CLARENCE A TURNER ET AL	C. S. MCCLUNG	6/25/1951	15	465	34S	41W	18	34S41W18	34S-41W SECTION 18: SE/4	MORTON	2
	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
	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	н
	USA KSNM 68742	MATAGORDA ISLAND EXPLLORATION CORPORATION	8/19/1987	43	170	34S	ME4	50	34S43W20	345-43W SECTION 20: N/2 S/2, NE/4, S/2, NE/4, SE/4 NW/4, SW/4 SW/4	MORTON	н
LEASE - OIL AND GAS	USA KSNM 68743	MATAGORDA ISLAND EXPLLORATION CORPORATION	7/2/1987	43	178	345	43W	20	34S43W20	345-43W SECTION 20: SE/4 SW/4	MORTON	ц
-	JESSIE SCOTT WIKER ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	11/29/1951	16	275	34S	43W	32	34S43W32	34S-43W SECTION 32: NW/4, SW/4, W/2 SE/4, AND NE/4	MORTON	ч
	ALAN S. GRAHAM ET UX	J. FRED HAMBRIGHT INC.	10/17/1996	476	1078	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	7
-	BETTY L. MITCHELL ET VIR	J. FRED HAMBRIGHT INC.	8/25/1996	478	969	35S	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	ы
LEASE - OIL AND GAS	BONITA HAYES	J. FRED HAMBRIGHT	11/7/1997	487	980	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	DEAN E. GLEASON LIV TRUST	J. FRED HAMBRIGHT INC.	8/20/1996	475	658	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	7
	ELMA C. BRANDES	J. FRED HAMBRIGHT INC.	8/25/1996	478	704	355	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
LEASE - OIL AND GAS	HAROLD E. BOX ET UX	J. FRED HAMBRIGHT	8/13/1997	485	944	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	HELEN GUTTRIDGE	J. FRED HAMBRIGHT INC.	8/25/1996	478	698	355	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
LEASE - OIL AND GAS	LEASA TITUS ET VIR	J. FRED HAMBRIGHT INC.	10/17/1996	477	520	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	LOUIS K. IPSON ET UX	J. FRED HAMBRIGHT INC.	8/20/1996	475	317	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	MARLIN BROWN ET UX	J. FRED HAMBRIGHT INC.	8/24/1996	478	700	355	32W	9	35S32W6	355-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
LEASE - OIL AND GAS	MELODY FRY ET VIR	J. FRED HAMBRIGHT	11/17/1997	489	582	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	MILDRED IRENE OMAN	J. FRED HAMBRIGHT INC.	8/31/1996	476	926	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
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
LEASE - OIL AND GAS	WRIGHT FAMIILY TRUST	J. FRED HAMBRIGHT INC.	10/11/1996	476	1076	355	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
LEASE - OIL AND GAS	HENRY V. TUCCKER ET UX	F. W. KAMPF	11/21/1944	69	623	355	33W	9	35S33W6	35S-33W SECTION 6: THE SOUTH 120 ACRES OF THE SW/4	SEWARD	7
LEASE - OIL AND GAS	LOU WOLLEY	PANHANDLE EASTERN PIPELINE CO.	B/30/1944	69	125	355	MEE	2	35S33W7	35S-33W SECTION 7: SE/4	SEWARD	7
LEASE - OIL AND GAS	CAROL SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	57	355	34W	ч	35S34W1	35S-34W SECTION 1: SW/4 NE/4	SEWARD	2
LEASE - OIL AND GAS	GORDON M. SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	61	35S	34W	T	35S34W1	35S-34W SECTION 1: SW/4 NE/4	SEWARD	2
LEASE - OIL AND GAS	HENRY V. TUCKER JR. ET UX	ANADARKO PRODUCTION COMPANY	2/17/1982	332	579	355	34W	Ţ	35S34W1	35S-34W SECTION 1: S/2 NE/4 SE/4	SEWARD	2

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10/14/1981 331
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5/5/1982
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10/10/1984 355
12/12/1997 497
8/22/1984 355
8/22/1984 355
11/27/1984 356
6/26/1978 303
12/12/1997 500

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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	KATHERINE L KELMAN REVOC TRUST	ANADARKO PRODUCTION COMPANY	12/12/1997	499	38	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NZ SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	SYLVIA LAVINIA HELFRECHT	ANADARKO PRODUCTION COMPANY	12/12/1997	497	572	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
N/A	LEASE - OIL AND GAS	V. MARIAN FULLER LIVING TRUST	ANADARKO PRODUCTION COMPANY	12/12/1997	497	363	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1. 2. NE/4 SW/4, NW/4 SW/4, N/2 SE/4	SEWARD	7
83601000	LEASE - OIL AND GAS	ERNEST P. BOLES ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/8/1943	47	387	35S	34W	15	35S34W15	35S-34W SECTION 15: LOTS 1. 2, N/2 SE/4, N/2 SW/4, NE/4	SEWARD	2
83604000	LEASE - OIL AND GAS	HATTIE E. MORRELL ET AL	QUINQUE OIL & GAS PRODUCING CO.	2/22/1943	47	396	35S	34W	15	35S34W15	35S-34W SECTION 15: NW/4	SEWARD	2
30233001	LEASE - OIL AND GAS	JOHN S. GROVER ET UX	ANADARKO PRODUCTION COMPANY	9/7/1982	337	26	355	34W	17	35S34W17	35S-34W SECTION 17: NE/4, N/2 SE/4	SEWARD	2
30233002	LEASE - OIL AND GAS	TEXACO INC.	ANADARKO PRODUCTION CORP	8/22/1984	364	622	35S	34W	17	35S34W17	35S-34W SECTON 17: NE/4	SEWARD	7
30198000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	u	485	35S	34W	2	35S34W2	35S-34W SECTION 2: W/2	SEWARD	2
83648000	LEASE - OIL AND GAS	JOHN S. GROVER ET UX	ANADARKO PRODUCTION COMPANY	10/30/1959	180	358	35S	34W	2	35S34W2	35S-34W SECTION 2: SE/4	SEWARD	2
78738000	LEASE - OIL AND GAS	LOTT KENNEDY TRUSTEE	ANADARKO PRODUCTION COMPANY	10/30/1959	180	364	35S	34W	2	35S34W2	35S-34W SECTION 2: NE/4	SEWARD	2
30198000	LEASE - OIL AND GAS	JOHN L BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	u.	485	355	34W	m	35S34W3	35S-34W SECTION 3: ALL	SEWARD	2
30197000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	E. W. MOORE	2/23/1928	34	114	35S	34W	4	35S34W4	35S-34W SECTION 4: NE/4	SEWARD	2
30198000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	щ	485	355	34W	4	35S34W4	35S-34W SECTION 4: SE/4	SEWARD	2
83603000	LEASE - OIL AND GAS	L. L. BUNTING ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/9/1943	47	388	35S	34W	4	35S34W4	35S-34W SECTION 4: SVV/4	SEWARD	2
83606000	LEASE - OIL AND GAS	VICTOR H. TEGARDEN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	12/1/1950	106	371	35S	34W	4	35S34W4	35S-34W SECTION 4: NW/4	SEWARD	2
83608000	LEASE - OIL AND GAS	OLA M. VICKERS	THE VICKERS PETROLEUM CO.	11/2/1950	106	35	355	34W	6	35S34W9	35S-34W SECTION 9: W/2	SEWARD	2
30338002	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	357	35S	MBE	14	35S38W14	35S-38W SECTION 14: SE/4	STEVENS	2
30338001	LEASE - OIL AND GAS	WILLIAM M. FARRAR ET UX	MAGNOLIA PETROLEUM COMPANY	3/9/1937	7	406	35S	38W	14	35S38W14	35S-38W SECTION 14: SE/4	STEVENS	2
84266000	LEASE - OIL AND GAS	DON P. EBY ET UX	PIONEER PETROLEUM COMPANY	9/1/1932	5	387	355	38W	16	35S38W16	35S-38W SECTION 16: N2, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T. INGLING TRUSTEE	1/22/1941	10	395	35S	38W	16	35S38W16	35S-38W SECTION 16: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	DONALD T. INGLING TRUSTEE	1/22/1941	10	393	35S	38W	17	35S38W17	35S-38W SECTION 17: NE/4	STEVENS	2
84196000	LEASE - OIL AND GAS	FARM MORTGAGE CORP W056843	REPUBLIC NATURAL GAS COMPANY	12/31/1942	11	437	35S	38W	17	35S38W17	35S-38W SECTION 17: SW/4	STEVENS	2
77047000	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	6/24/1993	234	432	35S	38W	17	35S38W17	35S-38W SECTION 17: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	N. AMERICAN LIFE INS CO	DONALD T. INGLING TRUSTEE	1/8/1941	10	391	35S	38W	17	35S38W17	35S-38W SECTION 17: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T. INGLING TRUSTEE	1/22/1941	10	395	355	38W	17	21M8ESSE	35S-38W SECTION 17: NE/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BILLY JOE BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/17/1997	174	913	35S	3BW	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BRENDA JEAN FAGAN TOOLE	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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Footnote	2	2	2	2	2	2	2	2	7	2	2	2	2	2	7	2	7	2	2	2	2	2	28, 34	28, 34	28, 34	28, 34	28, 34	28, 34
County	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS
Legal Description	35S-38W SECTION 4: N/2 NE/4	35S-38V/ SECTION 4: N/2 NE/4	35S-38W SECTION 4: NW/4	35S-38W SECTION 4: N/2 NE/4	355-38W SECTION 4: N/2 NE/4	35S-38W SECTION 4: N/2 NE/4	355-38V/ SECTION 4: N/2 NE/4	35S-38W SECTION 4: N/2 NE/4	35S-38V/ SECTION 4: N/2 NE/4	35S-38V/ SECTION 4: N/2 NE/4	35S-38W SECTION 4: N/2 NE/4	355-38W SECTION 4: N/2 NE/4	35S-38W SECTION 4: N/2 NE/4	35S-38V/ SECTION 4: N/2 NE/4	35S-38W SECTION 9: SE/4	35S-39W SECTION 12: SW/4	35S-39W SECTION 12: NW/4	35S-39W SECTION 12: SW/4	355-39W SECTION 12: SW/4	35S-39W SECTION 12: NW/4	35S-39W SECTION 12: SW/4	35S-39V/ SECTION 14: N/2 NE/4	3N-12ECM Sec. 1: N/2: SW/4	3N-12ECM Sec. 1: SE/4	3N-12ECM Sec. 1: SE/4	3N-12ECM Sec. 1: SE/4	3N-12ECM Sec. 1: NE/4	3N-12ECM
Concatenate	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	35S38W4	95538W9	35S39W12	35S39W12	35S39W12	35S39W12	35S39W12	35S39W12	35S39W14	3N12ECM1	3N12ECM1	3N12ECM1	3N12ECM1	3N12ECM1	3N12ECM1
Section	4	4	4	4	4	4	4	4	4	4	4	4	4	4	σ	12	12	12	12	12	12	14	-	н		-	1	
Range	3BW	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	MGE	39W	MGE	39W	39W	MGE	39W	12ECM	12ECM	12ECM	12ECM	12ECM	12ECM
Township	35S	355	355	355	355	355	355	35S	355	355	35S	355	35S	355	355	355	35S	35S	35S	35S	35S	355	NE	N	M	M	R	R
Page	934	931	491	925	919	928	922	789	916	907	916	792	916	940	613	601	121	622	597	432	599	8	9	306	456	307	305	308
Book	174	174	12	174	174	174	174	199	174	174	174	199	174	174	و	12	12	117	12	234	12	23	240	257	251	257	257	257
Date	4/7/1997	2/13/1997	3/23/1944	3/3/1997	6/10/1997	3/21/1997	2/18/1997	8/14/2001	4/17/1997	4/15/1997	5/7/1997	8/14/2001	4/16/1997	3/24/1997	5/31/1933	3/25/1944	7/23/1943	3/25/1986	3/25/1944	2/1/1993	3/25/1944	12/18/1947	12/31/1942	3/15/1951	8/21/1945	3/14/1951	3/7/1951	3/14/1951
Original Lessee	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	JOE E. DENHAM	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	TOUCHSTONE RESOURCES LTD	M. L. BENEDUM, J. C. TREES AND JOHN S. WELLER	JOE E. DENHAM	JOE E. DENHAM	ANADARKO PETROLEUM CORPORATION	JOE E. DENHAM	ANADARKO PETROLEUM CORPORATION	JOE E. DENHAM	PANHANDLE EASTERN PIPE LINE COMPANY	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE
Original Lessor	CHARLES FRED HINCH ET UX	CHARLES P. BRECHEISEN ET UX	EMMA F. LANDER	FRED HINCH ET UX	GALEN A. BRECHEISEN ET AL	GEORGE L HINCH ET UX	JAN DEE FAGAN LLOYD	LEE O. BRECHEISEN	MARION W. BRECHEISEN ET UX	PEGGY H. BRECHEISEN	RANDON D. BRECHEISEN	RODNEY L BRECHEISEN	RONALD J. SCOTT ET UX	ROSEMARY FAGAN	WESTERN ROYALTY AND DEVELOPMENT COMPANY	ARGO OIL CORPORATION	C. E. MCCARTY ET AL	ELSIE L GRASSMUCK	LULU STANLEY COMLEY ET AL	MARY EUZABETH MYER ET AL	SALTMOUNT OIL COMPANY	H. C. GERBER ET UX	B G MANWARREN AND DENA MANWARREN HIS WIFE	ELAINE LEVAND AND MORTON J LEVAND PANHANDLE EASTERN PIPE LINE HER HUSBAND COMPANY	GEORGE C HITCH AND WILLIE HITCH HIS PANHANDLE EASTERN PIPE WIFE COMPANY	MARGARET STEPHENS A WIDOW	TRUSTEES OF UNITY CHURCH OF RED POINT TOWNSHIP OF TEXAS COUNTY, OKLAHOMA	ENS A SINGLE
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	TERM MINERAL DEED	LEASE - OIL AND GAS	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
Agreement #	N/A	N/A	30335000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	30337000	84183000	84180000	77305000	84181000	77270000	84182000	84197000	85446000	85290000	85287000	85289000	85480000	85288000

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Footnote				28, 36	28, 36	28, 33	28, 36	28	28	28	28	28	28	3, 11	3, 11
\mid															
County	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	BEAVER	BEAVER
Legal Description	3N-13ECM SECTION 10: SW/4 LIMITED FROM THE SUFFACE TO THE BASE OF THAT CERTAIN COUNCLI GROVE (BADER) FORMATION AT A DEFTH OF 3.137 FEET, OR THE STRATIGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990" FSL AND 2.310 FWL OF SECTION 10 #1 WELL LOCATED 990" FSL AND 2.310 FWL OF SECTION 10	3N-13ECM SECTION 10: NW/4 LIMITED FROM THE SURFACE TO THE BASE OF THAIT CERTAIN COUNCIL GROVE BADGEN FORMATION AT A DEFTH OF 3.125 FEET, OR THE STRATGRAPHIC EQUIVALENT THEREOF. AS FOUND IN THE STRATGRAPHIC EQUIVALENT THEREOF. AS FOUND IN THE STRATGRAPHIC 21 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10	3N-13ECM SECTION 10: E2 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE GADERI FORMATION AT A DEFTH OF 3.1.0F FEET, OR THE STRATGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STRATGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STRATGRAPHIC 20.4.1.1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	3N-14ECM Sec. 5: SE/4	3N-14ECM Sec. 5: NW/4	3N-14ECM Sec: 5: NE/4	3N-14ECM Sec. 5: SVV/4	3N-14ECM Sec. 6: SE/4	3N-146CM Sec 6: SE/4 SW/4	3N-14ECM Sec. 6: SE/4	3N-14ECM Sec. 6: N/2 SW/4; N/2; SW/4 SW/4	3N-15ECM Sec. 25: NE/4; NW/4; SW/4	3N-18ECM Sec. 19: E/2	3N-21ECM Sec. 1: Lot 3: SE/4 NW/4	3N-21ECM Soc. 1: Lots 1 & 2: SW/4 NE/4
Concatenate	3N13ECM10	3N13ECM10	3N13ECM10	3N14ECM5	3N14ECM5	3N14ECM5	3N14ECM5	3N14ECM6	3N14ECM6	3N14ECM6	3N14ECM6	3N15ECM25	3N18ECM19	3N21ECM1	3N21ECM1
Section	10	10	ę	2	ß	ß	S	9	و	9	9	25	19	ч	1
Range	TJECM	13ECX	13ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	15ECM	18ECM	21ECM	21ECM
Township	Zm	Zm	Zm	ЗN	ЯN	NE	ЯN	Nm	M	NE	ЗN	N	ЗN	NE	NE
Page	447	234	551	393	349	107	388	441	N/A	160	301	535	184	382	325
Book	251	231	198	189	180	232	219	269	N/A	257	251	114	257	470	440
Date	7/19/1945	10/8/1941	9661/51/5	5/17/1933	3/13/1933	4/22/1942	9/19/1940	5/14/1951	5/14/1951	9/4/1947	1/13/1945	6/14/1922	11/4/1948	4/27/1976	12/8/1975
Original Lessee	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	CTTES SERVICE GAS COMPANY	EMPIRE OIL AND REFINING COMPANY	EMPIRE OIL AND REFINING COMPANY	T B ROACH	J W MCCOLL	PANHANDLE EASTERN PIPE LINE COMPANY	FRANK A GRIFFIN JR	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	R G KELLER AND I L ENNIS	PANHANDLE EASTERN PIPE LINE COMPANY	UNITED OIL CORPORATION	RONNIE LAWSON
Original Lessor	GAYDON M. BRUNDIDGE ET VIR	GROVER C. JONES ET UX	STONEBRAKER RANCH	CHARLES U REUST AND FLORA E REUST HIS WIFE	H W LONG AND E D LONG HIS WIFE	HENRY J BEHNE A SINGLE MAN	IDA CLAWSON A SINGLE WOMAN	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OCS-1738			JAMES E COPP AND BEULAH F COPP HIS WIFE	JACOB REWERTS A SINGLE MAN	C J VOTH AND AGNES VOTH HIS WIFE	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO A&M- 803	JOEL E FOGLEMAN AND GUADALUPE FOGLEMAN HUSBAND AND WIFE
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	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	LEASE - OIL AND GAS
Agreement #	19340001 59984000	19339000 59767000	60433000	85201000	85207000	85209000	85208000	85349000	85470000	85348000	85196000	33172000 60117000 65107000	33007000	32149002	32151001

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32151002	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	N	21ECM	1	3N21ECM1	3N-21ECM Sec. 1: Lots 1 & 2: SW/4 NE/4	BEAVER	3, 11
32149001	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED G MORRIS HIS WIFE	RONNIE LAWSON	3/9/1976	442	381	Nm	21ECM	T	3N21ECM1	3N-21ECM Sec 1: Lot 3: 5E/4 NV//4	BEAVER	3, 11
31903013	LEASE - OIL AND GAS	B F FINLEY AND NETTIE ANN FINLEY HIS WIFE	FUNK EXPLORATION	1/18/1983	608	18	Ne	ZIECM	12	3N21ECM12	3N-2JECM See. 12: NEW; SEV; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW/4	BEAVER	ε
31903009	LEASE - OIL AND GAS	BARBARA ARNOLD COLTHARP AKA BARBARA JEAN ARNOLD COLTHARP AND HUSBAND FORREST COLTHARP	FUNK EXPLORATION	1/11/1983	607	527	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 NW/4	BEAVER	ε
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: NUK4; SEV4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW/2	BEAVER	m
31903020	LEASE - OIL AND GAS	CAROL JUNE BARNETT AND DAVID BARNETT HER HUSBAND	FUNK EXPLORATION INC	2/22/1983	610	798	Ne	21ECM	12	3N21ECM12	3N-JJECM See. J2: NE(4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW/2	BEAVER	m
31903022	LEASE - OIL AND GAS	CHRIS SAMUEL HOLZER A SINGLE PERSON	FUNK EXPLORATION INC	2/22/1983	610	796	NE	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NV/4; SE/4; SV/4 Less and except a square one acre tract in the Northwest Conner of the NVVP.	BEAVER	m
31903017	LEASE - OIL AND GAS	CLIFFORD P HICKOK AND MARION LEE HICKOK HIS WIFE	FUNK EXPLORATION INC	1/24/1983	609	565	Zm	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NV/4; SE/4; SV/4 Less and except a square one are tract in the Northwest Conner of the NVVP.	BEAVER	m
31903019	LEASE - OIL AND GAS	ELIZABETH FELL OVEN FORMERLY ELIZABETH FELL CUMMINS DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION INC	3/3/1983	611	ო	Zm	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NV/4; SE(4; SV/4 Less and except a square one acre tract in the Northwest Conner of the NVVP	BEAVER	ю
31903024	LEASE - OIL AND GAS	FLORENCE J WASS A WIDOW	FUNK EXPLORATION INC	3/1/1983	609	543	Ne	21ECM	12	3N21ECM12	3N-JJECM Sec. 12: NE(4; NW/4; SE/4; SW/4 Less and except a square one acter trad; In the Northwest Conner of the NW/4	BEAVER	ю
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: NE/4; NU/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Conner of the NW/4	BEAVER	ε
01060616	LEASE - OIL AND GAS	JOE EXTON AND WIFE NANCY J EXTON	FUNK EXPLORATION	1/11/1983	607	517	Zm	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NV/4; SE/4; SV/4 Less and except a square one acre tract in the Northwest Conner of the NVVP.	BEAVER	ю
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	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NV/4; SE/4; SV/4 Less and except a square one acre tract in the Northwest Conner of the NV/b	BEAVER	m
31903001	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	103	NE	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: SW/4	BEAVER	ю
31903002	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	109	NE	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: SE/4	BEAVER	ю
31903003	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	112	NE	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	m

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Footnote	m	m	m	m	m	m	m	m	m	m	m	m	в	m	m
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	3N-21ECM Sec. 12: NEV4; SEV4; SVV/4 Less and except a square on eare ract in the Northwest Corner of the NVV/4	3N-21ECM Sec. 12: NEU4; NUV4; SEV4; SVV/4 Loss and except a square on eare tract in the Northwest Corner of the NVV/4	3N-21ECM Sec. 12: NEU4; NUV4; SEV4; SVV/4 Less and except a square on acre tract in the Northwest Corner of the NVV/4	3N-2JECM Soc. 12: NEI4; NW/4; SEV4; SW/4 Less and except a square on eare ract in the Northwest Corner of the NW/4	3N-2JECM Soc. 12: NEV4: NVV4: SEV4: SVV/4 Less and except a square on eacre ract in the Northwest Conner of the NVV/4	3N-21ECM Soc. 12: NEU4; NUV4; SEV4; SVV/4 Loss and except a square on eacre ract in the Northwest Corner of the NVV/4	3N-21ECM Soc. 12: NE/4; NW/4; EE/4; SW/4 Loss and except a square on earter tact in the Northwest Conner of the NW/4	3N-21ECM Sec. 12: NE/4; NW/4; SEV; SW/4 Less and except a square on eare ract in the Northwest Corner of the NW/4	3N-21ECM Soc. 12: NEJ4; NV/4; SEV4; SV//4 Loss and except a square on eare ract in the Northwest Corner of the NV/14	3N-21ECM Soc. 12: NEJ4; NV/4; SEV4; SV//4 Less and except a square on eare ract in the Northwest Corner of the NV/14	3N-2JECM Sec. 12: NEV4: NVV4: SEV4: SVV/4 Less and except a square on eacre ract in the Northwest Conner of the NVV/4	3N-21ECM Sec. 12: NEU4; NUVI; SEV; SVVIA Less and except a square on a care ract in the Northwest Corner of the NVVIA	3N-21ECM Sec 12: NW/4, SE/4; NE/4 & SW/4	3N-21ECM Sec 12: SE/4: NE/4: NW/4 & SW/4	3N-21ECM Sec. 12: NEL4; NV/4; SEV; SV/4 Less and except a square on eare ract in the Northwest Corner of the NV/4
Concatenate	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM12
Section	12	12	12	12	12	12	12	12	12	12	12	11	12	12	12
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	ĸ	Nm	M	Zm	Zm	Zm	Zm	Zm	Zm	Zm	Zm	R	M	M	Ne
Page	485	192	41	194	16	81	246	257	121	743	231	745	795	793	739
Book	617	612	626	612	608	621	608	608	635	605	635	605	651	651	605
Date	2/1/1983	3/1/1983	4/20/1983	3/1/1983	1/18/1983	6/17//1983	1/18/1983	1/18/1983	5/4/1983	1/11/1983	12/9/1983	1/7/1983	12/9/1983	12/9/1983	1/7/1983
Original Lessee	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	ANADARKO PRODUCTION COMPANY	FUNK EXPLORATION	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION
Original Lessor	LUKE L NIGLIAZZO JR TRUSTEE OF THE J H ARRINGTON TRUST	MALINDA BERRY FISCHER A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	MARJORY J PIELSTICKER DEALING IN HER SOLE AND SEPARATE PROPERTY	MIKE O WASS A MARRIED MAN ACTING IN HIS SOLE AND SEPARATE PROPERTY	NELDA F GUINN DEALING IN HER SOLE AND SEPARATE PROPERTY	NEVA OLVER A SINGLE WOMAN	OPAL JUANITA GOOBBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY	OPAL W GOODBARY A WIDOW	PHYLLIS C RAHE AND MAX N RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST	ROBERT J ARNOLD A SINGLE MAN	SABINE CORPORATION	T D BERRY INVESTMENT CO INC	THE HOME-STAKE OIL & GAS COMPANY	THE HOME-STAKE ROYALTY CORPORATION	U S PETROLEUM INC
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 #	31903026	31903023	31903032	31903025	31903012	31903005	31903014	31903015	31903028	31903008	31903029	31903011	31903031	31903030	31903006

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Footnote	m	m	m	е	m	е	m	m	m	m	ю	m	е	3,6	3,6	m	m	m	£	3,6	m	
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	DEAVED
Legal Description	3N-21ECM Sec. 12: NEW, NW/4; SEM; SW/4 Less and except a square one acre tract in the Northwest Cenner of the NW/4.	3N-2JECM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre ratcl in the Northwest Corner of the NW/4	3N-21ECM Sec. 12: NEU4; NEU4; SEV4; SVV14 Less and except a square one acre tract in the Northwest Conner of the NVV14	3N-21ECM Sec.2: Lots 3 & 4	3N-21ECM Sec. 2: Lots 3 & 4	3N-21ECM Sec. 2: SE/4	3N-21ECM Sec 2: Lots 1 & 2: SW/4: S2 NW/4: S2 NE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: E/2 NE/4	3N-22ECM Soc. 21: W/2 NE/4	3N-22ECM Sec. 21: W/2 NE/4	3N-22ECM Sec. 21: E/2 NE/4	3N-22ECM Sec 21: W/2 SW/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: SE/4	3N-22ECM Sec. 21: W/2 NE/4	3N-22ECM Sec 21: NVV/4	3N-22ECM
Concatenate	3N21ECM12	3N21ECM12	3N21ECM12	3N21ECM2	3N21ECM2	3N21ECM2	3N21ECM2	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	
Section	12	12	12	2	2	2	7	21	21	21	21	21	21	21	21	21	21	21	21	21	21	
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	
Township	NE	NE	Nm	ЯN	Ne	Ne	Zm	ЗN	NE	ЗN	Ne	NE	ЗN	NE	ЯN	NE	Ne	ЗN	Ne	NE	ЗN	
Page	239	1	741	40	34	47	116	491	117	493	678	502	275	275	198	198	208	121	114	772	285	
Book	619	611	605	1064	1064	1064	1064	290	575	590	583	576	562	562	565	565	566	575	574	674	580	001
Date	5/2/1983	2/22/1983	1/11/1983	3/1/2001	3/1/2001	5/1/2001	5/1/2001	6/10/1982	1/20/1982	1/19/1982	4/28/1982	12/21/1981	8/28/1981	8/28/1981	10/8/1981	10/8/1981	10/15/1981	2/2/1982	12/22/1981	2/7/1985	3/25/1982	1001011
Original Lessee	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	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	GREGORY G NIXON	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION
Original Lessor	VENETA BERRY ARRINGTON & LUKE L NIGLIAZZO JR CO-TRUSTEES OF THE VENETA BERRY ARRINGTON REVOCABLE TRUST	WANDA JUNE MARTIN AND GARY MARTIN HER HUSBAND	WILLIAM D ARNOLD AND WIFE, MARY LINDA ARNOLD	JAN RADER, STANLEY C KARBER & DANA R WALKER		JUDITH MORRIS DEPEW ET VIR	MARY E BOBBITT, JOYCE L TAYLOR AND JEFFERY LYNN BOBBITT SOLE HEIRS OF RALPH M BOBBITT DECEASED	ALLISON ETTA EGAN A SINGLE WOMAN	CANNON B MCMAHAN A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	CYNTHIA A RETZKE AND ROBERT M RETZKE	E F MORAN INC	G T NORRIS AND GWENDOLYN F MORRIS HIS WIFE	GENE R GROVE AND LILLIE P GROVE HIS WIFE	GENE R GROVE AND LILLIE P GROVE HIS WIFE	GEORGIA GAMELSON	GEORGIA GAMELSON	HAZEL J WINGERT FORMERLY HAZEL J COMBS AND HAZEL J STRICKLAND A SINGLE WOMAN	J W GARR JR AND BETTYE L GARR HIS WIFE	KEITH SULLIVAN AND ELZALENE SULLIVAN HIS WIFE	LORANE HURLEY	ROBERTA W BAILEY A WIDOW	
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 #	31903027	31903021	20020615	33222002	33222001	33221000	33220000	31829009	31892004	31892010	31892007	31892003	31859001	31859001	31859002	31859002	31890002	31892006	31892002	31859004	31888002	00000015

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31892005	CORRECTED LEASE - OIL AND GAS	F	ANADARKO PRODUCTION COMPANY	1/18/1982	675	411	Zm	22ECM	7	3N22ECM21	3N-22ECM Sec. 21: SE/4	BEAVER	m
31892001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	192	NE	22ECM	21	3N22ECM21	3N-22ECM Sec. 21: SE/4	BEAVER	в
31888001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	189	NE	22ECM	21	3N22ECM21	3N-22ECM Sec. 21: NW//4	BEAVER	m
31890001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	195	ЗN	22ECM	21	3N22ECM21	3N-22ECM Sec. 21: E/2 SW/4: W/2 SW/4	BEAVER	ε
31859003	LEASE - OIL AND GAS	WILSON W WAMPLER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	1/20/1982	575	115	NE	22ECM	21	3N22ECM21	3N-22ECM Sec. 21: E/2 NE/4	BEAVER	т
31859003	LEASE - OIL AND GAS	WILSON W WAMPLER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	1/20/1982	575	115	NE	22ECM	21	3N22ECM21	3N-22ECM Sec. 21: W/2 NE/4	BEAVER	3,6
32117001	LEASE - OIL AND GAS	C B ZIMMERMAN AKA CHARLIE B ZIMMERMAN & EDNA ZIMMERMAN HIS WIFE	PAN EASTERN EXPLORATION COMPANY	2/10/1977	461	531	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117011	LEASE - OIL AND GAS	ELBERT PAUL HUTCHENS AND JUANITA HUTCHENS HIS WIFE	RALPH P CLARK JR	2/16/1977	475	452	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117010	LEASE - OIL AND GAS	ELIZABETH PRITCHETT	RALPH P CLARK JR	2/16/1977	474	189	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117006	LEASE - OIL AND GAS	JEAN BAUGH	RALPH P CLARK JR	2/16/1977	462	598	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117008	LEASE - OIL AND GAS	JESSE J MAXWELL	RALPH P CLARK JR	2/16/1977	462	602	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117002	LEASE - OIL AND GAS	LORAINE GIERMAN	RALPH P CLARK JR	2/16/1977	462	594	SN	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	e
32117007	LEASE - OIL AND GAS	MARTHA WEBER	RALPH P CLARK JR	2/16/1977	462	596	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117003	LEASE - OIL AND GAS	MARY MCELHENY	RALPH P CLARK JR	2/16/1977	462	592	M	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117005	LEASE - OIL AND GAS	RUTH HAHN	RALPH P CLARK JR	2/16/1977	462	604	NE	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117009	LEASE - OIL AND GAS	TENNIE FOX	RALPH P CLARK JR	2/16/1977	469	506	N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32117004	LEASE - OIL AND GAS	THELMA CRESSWELL A WIDOW	RALPH P CLARK JR	2/16/1977	462	590	ĸ	22ECM	25	3N22ECM25	3N-22ECM Sec. 25: SE/4	BEAVER	m
32101003	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12954	FRED A GLASSCO	3/12/1974	460	144	NE	22ECM	m	3N22ECM3	3N-22ECM Sec. 3: Lots 2, 3 & 4; SE/4 NW/4	BEAVER	в
32100000	LEASE - OIL AND GAS	FORREST WOOLERY A SINGLE MAN	RALPH P CLARK JR	1/17/1974	405	572	NE	22ECM	£	3N22ECM3	3N-22ECM Sec. 3: Lot 1: SE/4: S/2 NE/4: S/V/4 S/V/4	BEAVER	ю
32101001	LEASE - OIL AND GAS	H A CASSIDY AND AGNES CASSITY HIS WIFE	RALPH P CLARK JR	1/19/1974	406	79	N	22ECM	m	3N22ECM3	3N-22ECM Sec. 3: N/2 SW/4; SE/4 SW/4; SV/4 NW/4	BEAVER	m
32101004	LEASE - OIL AND GAS	LEM B VANDEBURGH & CLARA OPAL VANDEBURGH HIS WIFE	PAN EASTERN EXPLORATION COMPANY	10/14/1976	458	312	ЗN	22ECM	ю	3N22ECM3	3N-22ECM Soc. 3: Lots 2, 3 & 4; SV/4 NW/4; N/2 SW/4; SE/4 NW/4	BEAVER	m
32101002	LEASE - OIL AND GAS	RUBY B CASSITY A WIDOW	RALPH P CLARK JR	1/21/1974	406	81	NE	22ECM	m	3N22ECM3	3N-22ECM Sec. 3: SV/14 NV/4; N/2 SV/4; SE/4 SV/14	BEAVER	m
32137001	LEASE - OIL AND GAS	ELSWORTH HOOVER AND DOROTHY JEAN HOOVER HIS WIFE	MICHAEL D LEONHART	3/27/1997	987	169	NE	22ECM	4	3N22ECM4	3N-22ECM Sec. 4: NE/4	BEAVER	e
32137003	LEASE - OIL AND GAS	IVA PAULINE HANCOCK A WIDOW	MICHAEL D LEONHART	3/27/1997	987	173	NE	22ECM	4	3N22ECM4	3N-22ECM Sec. 4: NE4	BEAVER	m
32145003	LEASE - OIL AND GAS	JIMMY L PUGH AND CAROL J PUGH HUSBAND AND WIFE	MICHAEL D LEONHART	4/15/1997	987	668	NE	22ECM	4	3N22ECM4	3N-22ECM Soc. 4: S/2: NW/4	BEAVER	m
32145004	LEASE - OIL AND GAS	JOHNNIE M JONES JR	MICHAEL D LEONHART	3/27/1997	987	177	NE	22ECM	4	3N22ECM4	3N-22ECM Sec. 4: NE/4	BEAVER	ю

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Ë	CITIES SERVICE GAS COMPANY	1/14/1946	252	86	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13: SVV/4	TEXAS	28, 35
CITIES	CITIES SERVICE OIL COMPANY	12/16/1942	233	232	4N	12ECM	13	4N12ECM13	4N-12ECM Sec 13: SE/4	TEXAS	28, 35
ITTIES :	CITIES SERVICE GAS COMPANY	10/29/1945	252	74	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13: SW/4	TEXAS	28, 35
ITTIES S	CITIES SERVICE GAS COMPANY	12/20/1945	255	624	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13: SW/4	TEXAS	28, 35
TTIES SE	CITIES SERVICE GAS COMPANY	1/8/1946	252	12	4N	12ECM	EI	4N12ECM13	4N-12ECM Sec. 13: SW/4	TEXAS	28, 35
ITTES SEF	CITIES SERVICE GAS COMPANY	10/29/1945	260	229	4N	12ECM	EI	4N12ECM13	4N-12ECM Sec. 13: SW/4	TEXAS	28,35
CITIES SEF	CITIES SERVICE OIL COMPANY	3/14/1949	252	209	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13: SW/4	TEXAS	28, 35
ANHAND	PANHANDLE EASTERN PIPE LINE COMPANY	4/11/1951	257	322	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13: NE/4	TEXAS	28, 35
TTIES SE	CITIES SERVICE GAS COMPANY	12/28/1945	252	87	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
ANHANDI	PANHANDLE EASTERN PIPE LINE COMPANY	3/20/1951	257	312	V4	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
TTIES SEF	CITIES SERVICE GAS COMPANY	1/14/1946	252	84	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
ANHANDL	PANHANDLE EASTERN PIPE LINE COMPANY	5/9/1942	231	285	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: NE/4	TEXAS	28
ANHANDI	PANHANDLE EASTERN PIPE LINE COMPANY	1/25/1943	240	39	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: NW/4	TEXAS	28
TTIES SERV	CITIES SERVICE GAS COMPANY	10/29/1945	252	73	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
TTIES SERV	CITIES SERVICE GAS COMPANY	12/20/1945	252	622	N4	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
ANHANDLE	PANHANDLE EASTERN PIPE LINE COMPANY	6/4/1941	233	27	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SE/4	TEXAS	28
TTIES SERV	CITIES SERVICE GAS COMPANY	1/8/1946	252	70	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
ITTIES SERV	CITIES SERVICE GAS COMPANY	10/29/1945	260	231	N4	12ECM	24	4N12ECM24	4N-12ECM Soc. 24: SW/4	TEXAS	28
CITIES SEF	CITIES SERVICE OIL COMPANY	3/14/1949	252	208	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24: SW/4	TEXAS	28
ANHAND	PANHANDLE EASTERN PIPE LINE COMPANY	7491/22/1	257	67	N4	12ECM	36	4N12ECM36	4N-12ECM Sec. 36: SE/4	TEXAS	28
ANHAND	PANHANDLE EASTERN PIPE LINE COMPANY	4/14/1945	251	380	N4	12ECM	36	4N12ECM36	4N-12ECM Sec 36: SE/4	TEXAS	28
3	W C ARROWSMITH	9/2/1947	260	627	N4	12ECM	36	4N12ECM36	4N-12ECM Sec 36: NW/4	TEXAS	28
ANHAN	PANHANDLE EASTERN PIPE LINE COMPANY	1/22/1947	257	56	4N	12ECM	36	4N12ECM36	4N-12ECM Sec 36: SE/4	TEXAS	28
ANHAN	PANHANDLE EASTERN PIPE LINE COMPANY	1/22/1947	257	28	N4	12ECM	36	4N12ECM36	4N-12ECM Soc. 36: SE/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
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 19: E/2 SE/4: E/2 NE/4	TEXAS	28
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
33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	20	4N14ECM20	4N-14ECM Sec. 20: NW/4	TEXAS	28
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE	11/6/1933	192	11	4N	14ECM	29	4N14ECM29	4N-14ECM Sec. 29: N/2 N/V/4	TEXAS	28
85181000	LEASE - OIL AND GAS	MARTIN KEENAN AND KATE KEENAN HIS WIFE	EMPIRE	3/28/1936	198	539	4N	14ECM	30	4N14ECM30	4N-14ECM Sec. 30: SE/4; W/2	TEXAS	28
85201000	LEASE - OIL AND GAS	CHARLES U REUST AND FLORA E REUST HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/17/1933	189	2 6 2	4N	14ECM	32	4N14ECM32	4N-14ECM Sec. 32: E/2 SE/4; NE/4; NE/4; SE/4 NE/4; W/2 NE/4; W/2 SE/4	TEXAS	28
33030000	LEASE - OIL AND GAS	DELLA DELONG A SINGLE WOMAN	EMPIRE OIL AND REFINING COMPANY	4/24/1933	180	457	4N	14ECM	S	4N14ECM5	4N-14ECM Sec. 5: E/2	TEXAS	28, 30
33029000	LEASE - OIL AND GAS	JAMES W J WILLIAMSON AND DAISY WILLIAMSON HIS WIFE	EMPIRE OIL AND REFINING COMPANY	6/30/1933	189	460	4N	14ECM	S	4N14ECM5	4N-14ECM Sec. 5: NVV/4	TEXAS	28, 30
85167000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION BY THE FEDERAL LAND BANK OF WICHITA, KANSAS ITS AGENT AND ATTORNEY-IN-FACT	PANHANDLE EASTERN PIPE LINE COMPANY	7/9/1943	232	296	N4	14ECM	ы	4N14ECM5	4N-14ECM Sec 5: SW/4	TEXAS	28, 30
N/A	LEASE - OIL AND GAS	C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/11	958	555	4N	14ECM	2	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HELEN EASTERWOOD BOUNDS A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/21/1997	958	574	N4	14ECM	7	4N14ECM7	4N-14ECM Sec 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE		11/1/1997	963	742	4N	14ECM	2	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/1997	958	567	N4	14ECM	7	4N14ECM7	4N-14ECM Sec 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/1997	958	559	4N	14ECM	2	4N14ECM7	4N-14ECM Sec. 7: NVV/4	TEXAS	28, 32
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 Soc 7: NW/4	TEXAS	28, 32
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	11/6/1933	192	н	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: E/2 SE/4: W/2 SW/4	TEXAS	28
N/A	LEASE - OIL AND GAS	TWILA EASTERWOOD A SINGLE WOMAN		10/27/1997	958	561	N4	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	VERA JANE EASTERWOOD A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/27/1997	958	563	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
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
33035000	LEASE - OIL AND GAS	ALBERT GUMPER AND ROSA GUMPER HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/12/1933	180	542	N4	14ECM	б	4N14ECM9	4N-14ECM Sec. 9: E/2 SE/4	TEXAS	28,31
33031003	LEASE - OIL AND GAS	GEORGE H CLEM AND MARVELLE E CLEM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1947	257	66	N4	14ECM	6	4N14ECM9	4N-14ECM Sec. 9: W/2 SW/4	TEXAS	28, 31
33031002	LEASE - OIL AND GAS	MARIE HENSON WALLACE AND W R WALLACE HER HUSBAND: AND EVALEEN HENSON A SINGLE WOMAN	CITIES SERVICE OIL COMPANY	7/24/1943	244	188	4N	14ECM	σ	4N14ECM9	4N-14ECM Sec.9: W/2 SW/4	TEXAS	28, 31
33031001	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	T B ROACH	9/18/1941	232	65	N4	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
33169000	LEASE - OIL AND GAS	CHARLES E CHITTENDEN AND JOANNA M PANHANDLE EASTERN PIPE CHITTENDEN HIS WIFE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	7/18/1941	231	88	4N	16ECM	н	4N16ECM11	4N-1GECM Sec. 11: S/2 NVV/4; NVV/4	TEXAS	28

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33167000 LE/	LEASE - OIL AND GAS	GEORGE D LOWRY AND WIFE ROSA LOWRY	PEERLESS OIL AND GAS COMPANY	11/22/1942	210	207	4N	16ECM	11	4N16ECM11	4N-16ECM Sec. 11: E2 NE/4: SW/4: SW/4 NE/4	TEXAS	28
33168000 LE/	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	я	4N16ECM11	4N-16ECM Sec. 11: NE/4 NW/4: NW/4 NE/4	TEXAS	28
33132000 LE/	LEASE - OIL AND GAS	JOSEPHINE LONG A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	8/10/1944	251	36	4N	16ECM	17	4N16ECM17	4N-16ECM Sec. 17: ALL	TEXAS	28
33133002 LE/	LEASE - OIL AND GAS	CLARICE SINGLETON NEVENS AND RALEIGH OWEN NEVENS HER HUSBAND ET AL	0	6/21/1947	257	124	N4	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: 55/4	TEXAS	28
33133001 LE/	LEASE - OIL AND GAS	ERNEST FISCHER AND ANNA E FISCHER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/8/1944	251	33	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SE/4	TEXAS	28
33132000 LE/	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: NE4	TEXAS	28
33135000 LEA	LEASE - OIL AND GAS	KENNETH E LOWTHER ADMINISTRATOR OF THE ESTATE OF KELLIE B LOWTHER DECEASED; KENNETH E LOWTHER INDVIDUALLY AND BARBARA HICKS LOWTHER HIS WIFE ET AL	SKELLY OIL COMPANY	9/16/1944	255	351	N4	16ECM	20	4N16ECM20	4N-16ECM Sec 20: NW/4	TEXAS	28
33136000 LE/	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-16ECM Sec. 20: SVV/4	TEXAS	28
33178000 LE/	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	N4	17ECM	15	4N17ECM15	4N-17ECM Sec 15: NE/4: NW/4: SE/4	TEXAS	28
33177000 LE/	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: SVV/4	TEXAS	
33177000 LE/	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 LE/	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 LE/	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 See 18: SW/4: W/2 NW/4	TEXAS	28
33125000 LE/	LEASE - OIL AND GAS	SIDNEY F DAFFORN AND BERNICE M DAFFORN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/22/1944	251	57	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: SE/4	TEXAS	28
33127000 LEA	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 LEA	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	ZIECM	ч	4N21ECM1	4N-21ECM Sec 1: Lots 3 & 4: S/2 NW/4	BEAVER	m
31850002 LEA	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22356	ANADARKO PETROLEUM CORPORATION	1/11/1999	1025	72	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NE/4	BEAVER	ß
31850003 LE/	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 LE/	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 LE/	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	504	A4	21ECM	10	4N21ECM10	4N-21ECM Sec 10: SW/4	BEAVER	m
32246003 LE/	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	в
32246009 LEA	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	496	ÅN	21ECM	10	4N21ECM10	4N-21ECM Sec 10: 5/2 NE/4	BEAVER	m

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LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	271	4N	21ECM	91	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	m
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
LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	263	4N	21ECM	51	4N21ECM10	4N-21ECM Soc. 10: 5/2 NE/4	BEAVER	ε
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	e
LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-29314	ANADARKO PETROLEUM CORP	2/16/1999	1021	450	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NW/4; S/2 NE/4; S/2 NW/4; SE/4; SW/4	BEAVER	m
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	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NE/4	BEAVER	m
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	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NW/4, NE/4	BEAVER	в
LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	480	4N	21ECM	01	4N21ECM10	4N-21ECM Sec. 10: SVV/4	BEAVER	Ē
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
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: NW/4 NW/4: S/2 NW/4	BEAVER	e
LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	484	AN4	21ECM	6	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	m
LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	476	N4	21ECM	10	4N21ECM10	4N-21ECM Sec 10: SW/4	BEAVER	m
LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	464	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	З
LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	468	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	£
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	в
LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	144	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SVV/4	BEAVER	З
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	З
LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	152	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: 5/2 NE/4	BEAVER	m
LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	TEXOMA LAND CONSULTANTS INC	12/28/1998	1019	148	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NW/4: NW/4 NW/4	BEAVER	æ
LEASE - OIL AND GAS	YEAGER TRUST DATED 4/26/90 BY JOYCE TS DUDLEY LAND COMPANY INC E YEAGER TRUSTEE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	307	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SW/4	BEAVER	в
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	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	m
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	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	m
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	4N21ECM10	4N-21ECM Sec. 10: NVV/4 NVV/4: S/2 NVV/4	BEAVER	3
LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-29331	T S DUDLEY LAND COMPANY INC	5/1/2001	1064	124	N4	21ECM	16	4N21ECM16	4N-21ECM Sec. 16: ALL	BEAVER	m
LEASE - OIL AND GAS	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	DALE K LAWYER	4/1/1978	492	13	4N	21ECM	2	4N21ECM2	4N-21ECM Sec. 2: E/2 SW: SE/4	BEAVER	3.5
LEASE - OIL AND GAS	H S BLAKEMORE AND T JERRY BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	317	N‡	21ECM	2	4N21ECM2	4N-21ECM Sec. 2: W/2 SW/4	BEAVER	3, 5

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31845004	LEASE - OIL AND GAS	JAMES A BLAKEMORE JR, BETTY JANE FEITELSON AND JOYCE ELEINE YEAGER FORMERLY JOYCE ELEINE ELLIS S/P/A JOYCE ELEYNE YEAGER	SHENANDOAH OIL CORPORATION	10/1/1976	455	349	4N	21ECM	2	4N21ECM2	4N-21ECM Sec 2: W/2 SW/4	BEAVER	3,5
31849000	LEASE - OIL AND GAS	LOUIS BRUCE JOHNSON, WENDY RENEE JOHNSON AND DEANNA GAIL JOHNSON	W R GRAY	5/13/1976	447	81	N4	21ECM	2	4N21ECM2	4N-21ECM Sec 2: Lots 1 & 2: S/2 NE/4	BEAVER	з, 5
318450001	LEASE - OIL AND GAS	MILTON H BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	301	4N	21ECM	2	4N21ECM2	4N-21ECM Sec. 2: W/2 SW/4	BEAVER	3° 2
32024000	LEASE - OIL AND GAS	PAUL G EDIGER AND SARA EDIGER HIS WIFE	C M FLEETWOOD	6/14/1976	450	384	N4	21ECM	2	4N21ECM2	4N-21ECM Sec. 2: Lots 3 & 4; NVV/4; S/2 NVV/4	BEAVER	3,5
31845003	LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/1/1976	455	333	4N	21ECM	2	4N21ECM2	4N-21ECM Sec 2: W/2 SW/4	BEAVER	3,5
31996001	LEASE - OIL AND GAS	E R JONES JR AND BETTY JONES HIS WIFE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	801	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4	BEAVER	м
31986003	LEASE - OIL AND GAS	ELBERT CARTER AND CHAROLETTE CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	649	578	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: E/2 NE/4: NE/4 SE/4	BEAVER	m
31986006	LEASE - OIL AND GAS	ELIZABETH P LARCHIAN AND HARRY LARCHIAN HER HUSBAND	ANADARKO PRODUCTION COMPANY	5/29/1984	649	580	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4	BEAVER	e
31996004	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN A MARRIED MAN DEALING IN HIS OWN SEPARATE PROPERTY AND LOVA JO BARNES, SINGLE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	590	N4	21ECM	20	4N21ECM20	4N-21ECM Soc 20: W/2 NE4	BEAVER	m
31857000	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES, SINGLE	ANADARKO PRODUCTION COMPANY	8/7/1981	563	567	N4	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: N/2 NW/4; S/2 NW/4	BEAVER	m
31858000	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES. SINGLE	ANADARKO PRODUCTION COMPANY	8/7/1981	563	570	4N	21ECM	20	4N21ECM20	4N-21ECM Sec 20: SW/4	BEAVER	m
31995000	LEASE - OIL AND GAS	GERTRUDE B BROWN, L BARR BROWN A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY AND LOVA JO BARNES SINGLE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	594	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: 5/2 SE/4	BEAVER	m
31986001	LEASE - OIL AND GAS	JANE B HAYDEN AND BETHALTA PATTERSON AS TRUSTEES OF THE TRUST FUND A, TRUST FUND B AND TRUST FUND C UNDER THE TERMS & PROVISIONS OF THE LAST WILL AND TESTAMENT OF VIGINIA MORRISON DECEASED	ANADARKO PRODUCTION COMPANY	5/23/1984	649	584	Z4	21ECM	20	4N21ECM20	4N-21ECM Sec 20: E2 NE/4: NE/4 SE/4	BEAVER	m
31996002	LEASE - OIL AND GAS	JEAN MARGARET PARSONS AND WAYNE PARSONS HER HUSBAND	ANADARKO PRODUCTION COMPANY	6/20/1984	649	797	AN	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4	BEAVER	m
31993002	LEASE - OIL AND GAS	JOHN S WRIGHT AND LUCILLE W WRIGHT HIS WIFE	ANADARKO PRODUCTION COMPANY	5/23/1984	649	586	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: NW/4 SE/4	BEAVER	m
31987007	LEASE - OIL AND GAS	M C MORRISON A SINGLE MAN	ANADARKO PRODUCTION COMPANY	7/7/1984	650	740	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: E/2 NE/4: NE/4 SE/4	BEAVER	m
31986005	LEASE - OIL AND GAS	RICHARD C CARTER AND PAM CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	650	256	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: NE/4 SE/4; E/2 NE/4	BEAVER	e
31986004	LEASE - OIL AND GAS	ROBERT S CARTER AND ANITA CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	649	582	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: E/2 NE/4: NE/4 SE/4	BEAVER	e
31996003	LEASE - OIL AND GAS	RUTH WOOLEY MCDONALD A WIDOW	ANADARKO PRODUCTION COMPANY	6/20/1984	649	793	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4	BEAVER	m
31993001	LEASE - OIL AND GAS	THOMAS C WRIGHT JR A SINGLE MAN	ANADARKO PRODUCTION COMPANY	5/23/1984	649	588	AN	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: NW/4 SE/4	BEAVER	m

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Footnote	m	m	3, 11	m	3 Force Pooling Order No. 233772	3,8	m	m	3 Farce Pooling Order No. 233772	m	m	m	m	m	m	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No.
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 Soc 25: SE/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: NW/4 NW/4	4N-21ECM Soc. 28: SVV/4; SVV/4 NVV/4; EZ NVV/4; NE/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Soc 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 NW/4; EZ NW/4; NE/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Soc. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Sec 28: E/2 NW/4	4N-21ECM Sec. 28: E/2 NW/4	4N-21ECM Sec 28: SW/4
Concatenate	4N21ECM20	4N21ECM21	4N21ECM25	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM2B	4N21ECM28
Section	20	21	25	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	21ECM	21ECM
Township	N4	4N	4N	4N	4N	4N	4N	N4	N4	4N	4N	4N	4N	4N	4N	N4	4N	N4
Page	254	1	26	604	N/A	N/A	409	236	615	653	m	141	410	865	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)	THOMAS JERRY BLAKEMORE II	ESTHER L HANSHU	ALBERT HERBEL AND WIFE HELEN HERBEL	SWI 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	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDEUTY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT
Agreement Type	LEASE - OIL AND GAS	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 # Agreement Type Original Lessor	Original Less	or	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	c Legal Description	County	Footnote
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 EXPLORATION	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 TRUST AGREEMENT FUNK EXPLORATION INC	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION I	UZ	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	8 4N-21ECM Sec. 28: SV/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 EXPLORATION IN		2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	Sec	BEAVER	m
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 EXPLORATION INC		2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28		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 EXPLORATION INC		2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	8 4N-21ECM Sec. 28: NE/4	BEAVER	3,8
LEASE - OIL AND GAS FRANK OGDEN AND GLORIA OGDEN HIS FUNK EXPLORATION WIFE		FUNK EXPLORATION		4/15/1982	584	391	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4; E/2 NW/4; SW/4 NW/4	BEAVER	m
LEASE - OIL AND GAS GERTRUDE B BROWN A WIDOW FUNK EXPLORATION		FUNK EXPLORATION		11/19/1982	603	239	N4	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4; NE/4; NW/4 NW/4; SW/4 NW/4	BEAVER	m
LEASE - OIL AND GAS HOME-STAKE OIL & GAS COMPANY JAMES H HUTCHISON		JAMES H HUTCHISON		3/12/1980	533	93	N4	21ECM	28	4N21ECM28	8 Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	BEAVER	E
LEASE - OIL AND GAS HOME-STAKE ROYALTY CORP JAMES H HUTCHISON		JAMES H HUTCHISON		3/12/1980	533	91	N4	21ECM	28	4N21ECM28	8 Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	BEAVER	ю
LEASE - OIL AND GAS HUBERT K ELROD AND HELEN ELROD HIS FUNK EXPLORATION WIFE		FUNK EXPLORATION		4/16/1982	583	798	N4	21ECM	28	4N21ECM28		BEAVER	ε
LEASE - OIL AND GAS JANES DEALING IN HER SOLE AND FUNK EXPLORATION SEPARATE PROPERTY		FUNK EXPLORATION		1/12/1983	608	651	N4	21ECM	28	4N21ECM28	Sec. 28: NE/4; E	BEAVER	ß
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	8 AN-21ECM Sec. 28: SW/4 NW/4	BEAVER	3,8
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	NIA	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	NIA	N/A	4N	21ECM	28	4N21ECM28	U S	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Soc 28: SW/4	BEAVER	3,8
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	NIA	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: E/2 NW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3,8
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		2/23/1983	N/A	N/A	N4	21ECM	58	4N21ECM28		BEAVER	3 Farce Pooling Order No. 233772
FORCE POOLED INTEREST JEAN HINSHAW FUNK EXPLORATION INC	JEAN HINSHAW	FUNK EXPLORATION INC		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	α, Έ	m	ю	3 Force Pooling Order No. 233772	3,8	m	m	з, в	3 Force Pooling Order No. 233772	3 Farce Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3,8	3,8	3 Force Pooling Order No. 233772	3,8
County	BEAVER	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; SVV/4; SVV/4; E/2 NVV/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 NVV/4	4N-21ECM Sec. 28: NE/4; SVV/4; E/2 NVV/4; SVV/4 NVV/4	4N-21ECM Sec. 28: E/2 NW/4; NE/4; NW/4 NW/4; SW/4; SW/4; SW/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec. 28: NE4	4N-21ECM Sec 28: SW/4	4N-21ECM Sec. 28: SW/4	4N-21ECM Sec 28: SW/4 NW/4	4N-21ECM Sec. 28: SW/4 NW/4	4N-21ECM Sec. 28: E/2 N/W/4	4N-21ECM Sec 28: EZ NW/4	4N-21ECM Sor 28. SW/A
Concatenate	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	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
Township	A4	N4	AN	4N	4N	AN	N4	4N	N4	Å	4N	N4	N4	N4	N4	4N	4N
Page	V/N	N/A	800	361	N/A	N/A	68	241	N/A	N/A	NIA	N/A	N/A	N/A	N/A	N/A	N/A
Book	N/A	N/A	583	592	N/A	N/A	533	603	N/A	N/A	NIA	N/A	NIA	N/A	N/A	N/A	N/A
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	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	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	LEROY ESTERAK
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	FORCE POOLED INTEREST
Agreement #	33283037	33283037	33283005	33283017	3328034	3328034	33283011	33283003	33283022	33283022	33283022	33283022	33283022	33283022	33283022	33283022	33283025

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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	m	m	3 Force Pooling Order No. 233772	3,8	m	m	m	m	3,8	a 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 28: EZ NW/4	4N-21ECM Soc. 28: E/2 NW/4	4N-21ECM Sec 28: SW/4 NW/4	4N-21ECM Sec 28: SVV/4 NVV/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec. 28: NE4	4N-21ECM Sec 28: SW/4	4N-21ECM Sec. 28: E/2 NW/4; NE/4; NW/4 NW/4; SW/4; SW/4; SW/4	4N-21ECM Sec. 28: SVV/4; SV/4 NVV/4; EZ NVV/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: E/2 NVV/4: NE/4: SW/4: SW/4 NVV/4	4N-21ECM Sec. 28: SE/4	4N-21ECM Sec. 28: E/2 NVV/4: NE/4: SW/4: SW/4 NVV/4	4N-21ECM Sec. 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: EZ 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	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	21ECM	21ECM
Township	N4	4N	N4	4N	4N	A4	N4	N4	4N	A4	4 N	N4	4N	4N	4N	4N	AN	A4
Page	NA	N/A	N/A	N/A	N/A	NA	MA	214	615	412	NA	N/A	138	98	685	501	N/A	N/A
Book	N/A	N/A	N/A	N/A	N/A	N/A	N/A	604	594	591	NIA	N/A	585	533	584	607	N/A	NIA
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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Footnote	3 Farce Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3,8	3,8	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	m	ñ	m
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	4N-21ECM Sec. 28: NE4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec 28: SW/4	4N-21ECM Sec. 28: SVV/4	4N-21ECM Sec 28: SW/4 NW/4	4N-21ECM Sec. 28: SVV/4 NVV/4	4N-21ECM Sec. 28: NE4	4N-21ECM Sec 28: E/2 NW/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec 28: SV/4	4N-21ECM Sec. 28: SW/4	4N-21ECM Soc 28: SW/4 NW/4	4N-21ECM Sec. 28: SW/4 NW/4	4N-21ECM Sec 28: E/2 NW/4	4N-21ECM Sec. 28: SVV/4: SVV/4 NVV/4: E2 NVV/4: NE/4	4N-21ECM Sec. 3: Lot 4: V/2 SV/4: SV/4 NV/4	4N-21ECM Sec 3: Lot 3: SE/4 NW/4
Concatenate	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM28	4N21ECM3	4N21ECM3
Section	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	e	£
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	N4	N4	N4	4N	A N	4N	4N	4N	4N	4N	4N	N4	4N	N4	4N	4N	4N
Page	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	340	16	172
Book	NIA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NIA	586	492	509
Date	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	4/22/1982	4/1/1978	6/13/1978
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 INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	DALE K LAWYER	FUNK PETROLEUM
Original Lessor	SANDRA CLUFF	SANDRA CLUFF	SANDRA CLUFF	SANDRA CLUFF	SANDRA CLUFF	SANDRA CLUFF	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	THE FLUOR CORPORATION	VEDA HOLLMAN A WIDOW LIFE TENANT	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14721
Agreement Type	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	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
Agreement #	33283021	33283021	33283021	33283021	33283021	33283021	33283023	33283023	33283023	33283023	33283023	33283023	33283023	33283023	33283008	31772000	31781001

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County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	4N-21ECM Soc. 3: E/2 SW/4; W/2 SE/4	4N-21ECM Soc. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4	4N-21ECM Sec.3: Lots 1 & 2: E7 SE4; S7 NE/4	4N-21ECM Soc. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4	4N-21ECM Soc. 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: SW/4	4N-21ECM Sec 36: SE/4	4N-21ECM Sec. 36: SW/4	4N-21ECM Sec. 36: SW/4	4N-21ECM Sec. 36: NE/4	4N-21ECM Sec 36: SW/4	4N-21ECM Soc 36: NW/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: SW/4	4N-21ECM Sec. 36: SE/4
Concatenate	4N21ECM3	4N21ECM3	4N21ECM3	4N21ECM3	4N21ECM3	4N21ECM3	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36
Section	m	m	m	m	æ	m	36	36	36	36	36	36	36	36	36	36	36	36	36	36
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	AN	4N	4N	4N	4N	4N	4N	4N	N4 N	4N	N4	N4	4N	4N	4N	4N	N4	N4	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	7/2/1980	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	2	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	BILY J ALLEN ATTORNEY-IN-FACT FOR MABEL 6 ALLEN, MADDRIE LONG, JAMES H LONG, LOIS SCHARNHORST, LELA BOOHER, GAXLON LEE SCHULTZ LAURA LONG, DOROTHY LONG, WILXMA B RUSSELL MAXINE LONG, BETTY SLOUACHEK LUELLA CROUSE, BELUA JO MOORE, MONA ECCLES, LENDRA 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	N/A	N/A	VIA	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	4N	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	N4	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SE/4	BEAVER	3, 11
31946006	LEASE - OIL AND GAS	RAYMOND L SMITH AKA 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 AKA RAY SMITH AND LOUISE SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	301	N4	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	4N	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	m
31853002	LEASE - OIL AND GAS	MORRIS ATKINSON ET AL	ANADARKO PRODUCTION COMPANY	8/13/1981	563	565	4N	21ECM	4	4N21ECM4	4N-21ECM SECTION 4: NE/4	BEAVER	m
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	m
31984002	CORRECTED LEASE - OIL AND GAS	2	ANADARKO PRODUCTION COMPANY	3/13/1984	655	226	AN	21ECM	ß	4N21ECM5	4N-21ECM Sec. 5: SE/4	BEAVER	m
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 Sec. 5: SE/4	BEAVER	m
31876001	CORRECTED LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	586	715	N4	21ECM	ß	4N21ECM5	4N-21ECM Sec. 5: Lots 1 & 2: S/2 NE/4	BEAVER	m
31878001	LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	573	90	4N	21ECM	ŝ	4N21ECM5	4N-21ECM Sec. 5: Let 3 & 4: S/2 NW/4	BEAVER	m
31880001	LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	573	86	N4	21ECM	'n	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	S	4N21ECM5	4N-21ECM Sec. 5: Lots 3 & 4; S/2 NW/4	BEAVER	в
31876002	LEASE - OIL AND GAS	THOMAS E SMITH A SINGLE MAN	ANADARKO PRODUCTION COMPANY	9/23/1981	586	117	AN	21ECM	S	4N21ECM5	4N-21ECM Sec 5: Lots 1 & 2: S/2 NE/4	BEAVER	m
31880002	LEASE - OIL AND GAS	THOMAS E SMITH A SINGLE MAN	ANADARKO PRODUCTION COMPANY	9/23/1981	573	102	N4	21ECM	S	4N21ECM5	4N-21ECM Sec. 5: SW/4	BEAVER	ß
33256000	LEASE - OIL AND GAS	SIMCOLC	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	435	4N	21ECM	2	4N21ECM7	4N-21ECM Sec. 7: Lot 4: SE/4 SW/4	BEAVER	e
33251001	LEASE - OIL AND GAS	THOMAS E SMITH REVOCABLE TRUST THOMAS E SMITH TRUSTEE	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	443	4N	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	m
33254002	LEASE - OIL AND GAS	X DIAMOND X LC	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	439	4N	21ECM	7	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	m
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	N4	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: 5/2 NW/4: N/2 NW/4	BEAVER	ε
32156006	LEASE - OIL AND GAS		T S DUDLEY LAND COMPANY INC	3/12/1998	1005	502	N4	21ECM	8	4N21ECM8	4N-21ECM Soc. 8: 5/2 NW/4: N/2 NW/4	BEAVER	ŋ

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	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
LEAS	LEASE - OIL AND GAS	JOHN T SMITH LIVING TRUST DATED 9-1- 93, JOHN T SMITH TRUSTEE	T S DUDLEY LAND COMPANY INC	8/23/1997	964	741	4N	21ECM	8	4N21ECM8	4N-21ECM Sec B: 5/2 NV//4; SV//4	BEAVER	B
LEAS	LEASE - OIL AND GAS	MENNO EDIGER	T S DUDLEY LAND COMPANY INC	2661/21/8	994	756	N4	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: N/2 NW/4; S/2 NW/4	BEAVER	ю
LEA	LEASE - OIL AND GAS	NANCY S ALLEN INDIVIDUALLY AND AS TRUSTEE OF THE RAY E ALLEN TRUST DATED 3-17-93	T S DUDLEY LAND COMPANY INC	9/19/1997	994	746	N4	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: NE/4	BEAVER	e
Ē	LEASE - OIL AND GAS	ROY E SMITH LIVING TRUST. JOHN T SMITH & NANCY S ALLEN CO-TRUSTEES	T S DUDLEY LAND COMPANY INC	<i>4661/61/6</i>	995	687	N4	21ECM	8	4N21ECM8	4N-21ECM Soc. 8: SE/4	BEAVER	m
<u> </u>	LEASE - OIL AND GAS		T S DUDLEY LAND COMPANY INC	3/12/1998	1005	505	N4	21ECM	в	4N21ECM8	4N-21ECM Sec 8: S/2 NW/4; N/2 NW/4	BEAVER	m
Щ.	LEASE - OIL AND GAS	UST.	T S DUDLEY LAND COMPANY INC	9/19/1997	994	751	N4	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: N/2 NW/4; NE/4; SE/4; SW/4	BEAVER	m
5	LEASE - OIL AND GAS		SHENANDOAH OIL CORPORATION	10/1/1976	455	417	N4	21ECM	6	4N21ECM9	4N-21ECM Sec 9: All	BEAVER	m
	LEASE - OIL AND GAS	JAMES A BLAKEMORE JR. BETTY JANE FEITELSON AND JOYCE ELEINE YEAGER FORMERLY JOYCE ELEINE ELLIS S/P/A JOYCE ELEYNE YEAGER	SHENANDOAH OIL CORPORATION	10/1/1976	455	473	N4	21ECM	σ	4N21ECM9	4N-21ECM Sec 9: All	BEAVER	m
	LEASE - OIL AND GAS		SHENANDOAH OIL CORPORATION	10/26/1976	457	373	N4	21ECM	6	4N21ECM9	4N-21ECM Sec 9: All	BEAVER	m
	LEASE - OIL AND GAS		SHENANDOAH OIL CORPORATION	9/61/1/01	455	389	N4	21ECM	6	4N21ECM9	4N-21ECM Sec 9: All	BEAVER	m
	LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/1/1976	455	445	N4	21ECM	6	4N21ECM9	4N-21ECM Sec 9: All	BEAVER	m
	LEASE - OIL AND GAS	CLYDE L KILE AND RUTH M KILE, HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/16/1951	32	191	N4	22ECM	15	4N22ECM15	4N-22ECM Sec. 15: SW/4 LIMITED TO THE WELL BORE OF THE JOYCE 1-15 WELL	BEAVER	m
	LEASE - OIL AND GAS	D H WALTON AND HIS WIFE MORETA J WALTON	PHILLIPS PETROLEUM COMPANY A CORPORATION	3/24/1961	222	632	N4	22ECM	15	4N22ECM15	4N-22ECM Sec 15: SE/4	BEAVER	m
	LEASE - OIL AND GAS	WAYNE M WILSON AND PAT WILSON HIS WIFE	ANADARKO PRODUCTION COMPANY	2/11/1982	576	474	N4	22ECM	30	4N22ECM30	4N-22ECM Soc. 30: Lots 3 & 4; NE/4 SW/4; S/2 SE/4 & SE/4 SW/4	BEAVER	3, 11
2 1	LEASE - OIL AND GAS	AMERICAN NATIONAL BANK OF AMARILLO	D A BASH & ASSOCIATES INC	5/19/1980	535	130	N‡	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	3, 11
	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 17167	FUNK EXPLORATION	7/20/1982	594	435	N4	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 3 & 4: E/2 SW/4	BEAVER	3, 11
	CORRECTED LEASE - OIL AND GAS		FUNK EXPLORATION INC	11/28/1982	689	504	N4	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lot 1 & Lot 2: E/2 NW/4	BEAVER	3, 11
	LEASE - OIL AND GAS	ELLEN FLY AND CLARENCE FLY HER HUSBAND	ANADARKO PRODUCTION COMPANY	3/23/1982	580	295	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	11, 13
	LEASE - OIL AND GAS	ELLEN FLY GUARDIAN OF THE ESTATE OF GRACE ALLENE WILSON AN INCOMPETENT	FUNK EXPLORATION INC	9/24/1982	598	570	N4	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	3, 11
	LEASE - OIL AND GAS	ERNEST L LIPPERT JR A SINGLE MAN	FUNK EXPLORATION	6/10/1982	591	624	N4	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4	BEAVER	3, 11
	LEASE - OIL AND GAS	FARMERS UNITED COOPERATIVE POOL	ר כ א סאורדואפ ואכ	12/16/1982	662	618	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lot 1 & Lot 2: E/2 NW/4	BEAVER	3, 11, and further limited to rights obtained under Force Pooling Order #229816.

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County Footnote	3, 11 and further limited to rights obtained under Force Pooling Order #229816.	BEAVER 3.11	3. 11, and loss and except the existing wellbore known as the Funk Exploration Lerey 1-31	2 11															
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Legal Description	4N-22ECM Sec 31: Lot 1 & Lot 2: EZ NW/4	4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4	4N-22ECM Sec. 31: Lets 1 & 2: E/2 NW/4	4N-22ECM Soc. 31: NE/4		4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4	4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4 4N-22ECM Sec 31: Lots 3 & 4: E/2 SV/4	4N-22ECM Sec.31: Lots 18 2: EF2 NW/4 4N-22ECM Sec.31: Lots 3 8: EF2 SV/4 4N-22ECM Sec.31: Lots 18 2: EF2 NW/4	4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec. 31: Lots 3 & 4; E/2 SN/4 AN-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4 Sec. 31: Lots 1 & 2: E/2 NW/4 Sec. 31: Lots 1 & 2: E/2 NW/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SV/4 Sec 31: Lots 3 & 4: E/2 SV/4 Sec 31: Lots 1 & 2: E/2 NW/4 Sec 31: Lots 1 & 2: E/2 NW/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4 Sec 31: NE/4 Sec 31: NE/4	4N-22ECM Sec.31: Lots 1 & 2: E/2 NW/4 A-22ECM Sec.31: Lots 3 & 4: E/2 SN/4 A-22ECM Sec.31: Lots 3 & 4: E/2 SN/4 Sec.31: NE/4 4N-22ECM Sec.31: NE/4 4N-22ECM Sec.31: NE/4 4N-22ECM Sec.31: SE/4 Sec.31: SE/4 Sec.31: SE/4 Sec.31: SE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SV/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 NV/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 4N-22ECM Sec 31: SE/4 4N-22ECM Sec 31: SE/4 4N-22ECM Sec 31: SE/4 Sec 31: SE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SW/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4 Sec 31: SE/4 Sec 31: NE/4 Sec 31: SE/4 Sec 31: SE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 Sec 31: Lots 1 & 2: E/2 SW/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 AN-22ECM Sec 31: NE/4 4N-22ECM Sec 31: SE/4 4N-22ECM Sec 31: SE/4 4N-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SW/4 AN-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SV/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SV/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: NE/4	4N-22ECM Sec 31: Lots 1 & 2: E/2 NW/4 Sec 31: Lots 3 & 4: E/2 SW/4 AN-22ECM Sec 31: Lots 3 & 4: E/2 SW/4 AN-22ECM Sec 31: Lots 1 & 2: CM/4 AN-22ECM Sec 31: Lots 1 & 2: CM/4 Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 AN-22ECM Sec 31: NE/4 Sec 31: SEC/4 Sec 31: NE/4 Sec 32:	4N-22ECM Sec 31: Lats 1 & 2: E/2 NW/4 Sec 31: Lats 1 & 2: E/2 SW/4 Sec 31: Lats 1 & 2: E/2 SW/4 Sec 31: Lats 1 & 2: E/2 SW/4 Sec 31: Lats 1 & 2: E/2 AN-22ECM Sec 31: NE/4 4N-22ECM Sec 31: NE/4 4N-22ECM Sec 31: NE/4 4N-22ECM Sec 31: NE/4 Sec 32: NW/A NW/4 Sec 32: NW/A NW/4
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Original Lessor	FARMERS UNITED COOPERATIVE POOL	HENRY T LIPPERT AND PEGGY LIPPERT HIS WIFE	нисн номаяр III	JAMES CALHOUN GOLDING AND AMARILLO NATIONAL BANK, AMARILLO. TEXAS AS TRUSTEES FOR THE BEN	GOLDING TRUST	GOLDING TRUST JOEL E FOGLEMAN & GUADALUPE FOGLEMAN HIS WIFE	JOEL E FOGLEMAN & GALDNIG TRUST JOEL E FOGLEMAN N. GUADALUPE FOGGLEMAN HIS WIFE LEROY BOBBITT AND NELLIE BOBBITT, HUSBAND AND WIFE AS JOINT TENANTS	JOEL E FOGLEMAN & GUJDNG TRUST JOEL E FOGLEMAN HIS VIE FOGLEMAN HIS VIE EROY BOBBITT AND NELLE BOBBITT. HUSBAND AND WIF AS JOINT TENANTS LONAM RUSSEL FOGLEMAN AND OLLIE MAY FOGLEMAN HIS WIFE	JOEL E FOGLEMAN NE SWDR JOEL E FOGLEMAN NE SWDR FOGLEMAN HIS WIFE FOGLEMAN HIS WIFE LEROY BOBBITT AND NELLIE BOBBITT, HUSBAND AND WIFE AS JOINT TENANTS LUNAM RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HIS WIFE MAXINE ALLEN	JOEL EFOGLEMAN & GUADALUPE JOEL EFOGLEMAN HS WIFE FOGLEMAN HIS WIFE LEROY BOBBITT AND NELLIE BOBBITT. 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HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLEMAN AND DLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW REEDA WOOD NOL A WIDOW REET Y YOUNG, VIOLA I COGBURN FORMER'Y VIOLA I FORMER'N VIENC FORMER'Y VIOLA I FORMER'N VIENC FORMER'Y VIENC	JOEL E FOGLEMAN HIS WIEST JOEL E FOGLEMAN HIS WIFE FOGLEMAN HIS WIFE FOGLEMAN HIS WIFE FOGLEMAN HIS WIFE HUSBAND AND WIFE AS JOINT TENANTS LUNAM RUSSELL FOGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE AND PAGLEMAN HIS WIFE MAXINE AND PAGLEMAN AND OLLIE MAXINE AND AND AND MARY EBERTY K YOUNG, YOLAL COBURN POM Z WRIGHT ATTORNEY-IN-FACT FOR BETY K YOUNG, YOLAL COBURN FORMERLY VIOLA K TALEDT AND COLIN A KELLY OF VERN AND AND HEIR OF VERN AND AND HEIR OF VERN AND AND HEIR OF VERN AND SOLS ET AL WAYNE M WILSON ADECEASED TOM Z WRIGHT ATTORNEY-IN-FACT FOR ULANTA B WILSON AND PAT WILSON MAYNE MYLSON AND PAT WILSON MISHT ATTORNEY IN-FACT FOR WAYNE WILSON AND PAT WILSON	JOEL E FOGLEMAN & GULDNG THE JOEL E FOGLEMAN & GUADALUPE FOGLEMAN HIS WIFE LEROY BOBBITT AND NELLE BOBBITT. 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HUSBAND AND WIFE AS JOINT TENANTS LUNAM RUSSELL FOGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW REET Y YOUNG, VIOLA I COGBURN FORMERLY VIOLA K TALBOT AND COLIN A KELLY TOM Z WRIGHT ATTORNEY-IN-FACT FOR BETTY YOULA K TALBOT AND COLIN A KELLY TOM Z WRIGHT ATTORNEY-IN-FACT FOR ULANTA B WILSON A WIDOW AND HEIR OF VERN WILSON A WIDOW AND HEIR OF VERN WILSON A WIDOW AND HEIR OF VERN WILSON A WIDOW AND HEIR MAXINE M WILSON A WIDOW AND HEIR WAYNE M WILSON A WIDOW AND HEIR WAYNE M WILSON AND PAT WILSON HASINE A WILSON A WIDOW AND HEIR MAXINE ALLEN HIS WIFE AND HEIR AND HEIR MAXINE ALLEN A KATHER WILSON AND PAT WILSON HASINE A WILSON AND PAT WILSON MAXINE ALLEN	JOEL E FOGLEMAN ALST JOEL E FOGLEMAN HIS WIFE LEROY BOBBITT AND NELLIE BOBBITT, HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW REEDA WOOD POOL A WIDOW RENA JO WILSON BEDEKER AND HARRY E BEDKER JR WIFE AND HUSBAND TOM Z WRIGHT ATTORNEY-IN-FACT FOR BETTY K YOUNG, YOLAI COGBURN FOR Z WRIGHT ATTORNEY-IN-FACT FOR BETTY K YOUNG, YOLAI COGBURN FOM Z WRIGHT ATTORNEY-IN-FACT FOR UNATTA B WILSON, A WIDOW AND HEIR OF VERN WILSON A WIDON AND HEIR OF VERN WILSON AND PAT WILSON HIS WIFE WATNE MILSON AND PAT WILSON HIS WIFE WATNE MILSON AND PAT WILSON HIS WIFE WATNE MILSON AND PAT WILSON HIS WIFE AN WILSON AND WIE WATNE MILSON AND WILSON AND WIE WATNE MILSON AND WIE AND HIS WIFE WILSON AND WIE AND HIS WIFE AN WILSON AND FAT WILSON HIS WIFE WILSON AND WIE AND WATNE MILSON AND WILSON AND WIFE AND HIS WIFE WILSON AND WILSON AND WIESON
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Footnote	28	28	28	28	28	28	58	28	28	28	58	58	28	28	28	28	28	3,7		3,7					
County	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	BEAVER		BEAVER	BEAVER	BEAVER BEAVER	BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER
Legal Description	5N-12ECM Sec 7: Lots 3 & 4; E/2 SW/4; SE/4	5N-12ECM Sec 8: E/2 NE/4	5N-13ECM Soc 7: SE4	5N-14ECM Sec. 18: NW/4	5N-16ECM Sec. 10: E/2	5N-16ECM Sec. 12: SW/4	5N-16ECM Sec. 25: 3.04 acres in the NE/4 as more particularly described in said loase	5N-16ECM Sec. 26: 5E/4	5N-16ECM Sec: 4: NE/4	5N-16ECM Soc. 4: SEI4	5N-16ECM Sec. 4: NV/4	5N-16ECM Sec. 4: SW/4	5N-16ECM Sec. 9: E/2 SW/4: NW/4: E/2: NW/4 SV/4: SW/4 SW/4	5N-17ECM Sec. 31: 5/2	SN-17ECM Sec. 31: NE/4	5N-17ECM Sec. 31: NW/4	5N-17ECM Sec. 7: NE/4	5N-20ECM Sec 10: SE/4	EN20FCM	Sec. 10: 5/2 NW/4; SW/4	Sec. 10: 5/2 NW/4; SW/4	Sec. 10: 5/2 NV/4; SV/4 Sec. 10: 5/2 NV/4; SV/4 Sec. 10: SV/4	Sec. 10: SZ N NV/4; SV/4 5N-20ECM Sec. 10: SV/4 Sec. 10: SV/4 Sec. 10: SE/4 Sec. 10: SE/4	Sec. 10: SZNW/4; SW/4 SN-Z0ECM Sec. 10: SW/4 Sec. 10: SW/4 Sec. 10: SW/4 Sec. 10: SW/4 Sec. 10: NZ WV/4	Sec. 10: SZ NWZ4; SW/4 5N-20ECM Sec. 10: SW/4 5N-20ECM Sec. 10: SE/4 5N-20ECM Sec. 10: NZ NWZ4 5N-20ECM
Concatenate	5N12ECM7	5N12ECM8	5N13ECM7	5N14ECM18	SN16ECM10	5N16ECM12	5N16ECM25	5N16ECM26	5N16ECM4	5N16ECM4	5N16ECM4	5N16ECM4	5N16ECM9	5N17ECM31	5N17ECM31	SN17ECM31	5N17ECM7	5N20ECM10	5N20ECM10			5N20ECM10	5N20ECM10 5N20ECM10	5N20ECM10 5N20ECM10 5N20ECM10 5N20ECM10	5N20ECM10 5N20ECM10 5N20ECM10 5N20ECM10
Section	2	œ	2	18	10	12	25	26	4	4	4	4	б	31	31	31	2	10	10			10	9 9	61 61 61	23 10 10 23
Range	12ECM	12ECM	13ECM	14ECM	16ECM	16ECM	16ECM	16ECM	16ECM	16ECM	16ECM	16ECM	16ECM	17ECM	17ECM	17ECM	17ECM	20ECM	20ECM			20ECM	20ECM 20ECM	20ECM 20ECM 20ECM	20ECM 20ECM 20ECM 20ECM
Township	SN	SN	S	SN	SS	SN	ß	SN	SN	SN	S	S	SN	SN	SN	SN	SN	SN	SN			SN	S S	2 2 2	2 2 2 2
Page	412	181	179	271	154	630	565	632	84	14	628	629	85	477	478	132	77	340	343			364	364 337	364 337 361	364 337 337 361 445
Book	294	251	244	231	251	232	260	232	251	210	232	232	251	232	232	232	232	518	518			519	519 518	519 518 518	519 518 518 519 1046
Date	4/17/1953	10/28/1944	6/14/1943	1/23/1942	10/14/1944	4/25/1944	711/1947	5/23/1944	8/31/1944	2/10/1941	6/19/1944	6/19/1944	8/31/1944	12/2/1943	12/2/1943	2/19/1943	1/6/1942	8/27/1979	9/4/1979			9/4/1979	9/4/1979 8/27/1979	9/4/1979 8/27/1979 9/4/1979	9/4/1979 8/27/1979 9/4/1979 7/7/2000
Original Lessee	PANHANDLE EASTERN PIPE LINE COMPANY	H W LONG	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	D D HARRINGTON	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY			ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION COMPANY		
Original Lessor	ROY L BOOTH AND MARY E BOOTH HUSBAND AND WIFE	MARTHA E BACON A WIDOW	MARY HAAR A WIDOW	DOROTHEA CROWTHER WHITE TRUSTEE	DE MOSS RUDD A WIDOWER	WILLIAM N HAMLIN AKA W N HAMLIN AND HATTIE B HAMLIN HIS WIFE	BEAVER, MEADE AND ENGLEWOOD RAILROAD COMPANY	NICHOLAS T RODGERS AND INES RODGERS HIS WIFE	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	F A SWINGER AND LINDA SWINGER HIS WIFE; AND BERT W SWINGER A WIDOWER	F A SWINGER AND LINDA SWINGER HIS WIFE; AND BERT W SWINGER A WIDOWER	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE	EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE	EVELYN B MENDENHALL A SINGLE WOMAN	B E BATEMAN AND FERNA FAYE BATEMAN HIS WIFE	ALYCE L CURRY AKA ALICE L CURRY AND P V CURRY HER HUSBAND	CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE			EDNA L ELLISON A WIDOW AND DALE L LONG	EDNA L ELLISON A WIDOW AND DALE L LONG H WAYNE PETERS AND SHIRLEY PETERS HIS WIFE	EDNA L ELLISON A WIDOW AND DALE L LONG H WAYNE PETERS AND SHIRLEY PETERS MARY ANN BUSH AND JOHN P BUSH HER MARY ANN BUSH AND JOHN P BUSH HER	EDNA L ELLISON A WIDOW AND DALE L LONG H WAYNE PETERS AND SHIRLEY PETERS MARY ANN BUSH AND JOHN P BUSH HER BESSIE OLONG FOLVIN AND CHARLES
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 LEASE - OIL AND GAS LEASE - OIL AND GAS
Agreement #	85212000	85384000	69976000 85400000	33022000	33137000	33124000	33156000	33150000	33179000	33180000	33181000	33182000	33183000	33123000	33121000	33122000	33119000	31784000	31786001			31786002	31786002 31875000	31786002 31875000 31788000	31786002 31875000 31788000 31788000

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Footnote	e	m	m	m	в	m	m	m	m	m	m	m	m	m	m	m	m	m	в	m	m	m	m	m
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-20ECM Sec. 23: NE/4 SW/4	5N-20ECM Sec. 23: SW/4 SW/4	SN-20ECM Sec 23: SW/4 SW/4	5N-20ECM Sec. 23: SE4	5N-20ECM Sec. 23: NW/4	5N-20ECM Sec. 23: SVV/4 SVV/4	5N-20ECM Sec. 23: NE/4	5N-20ECM Sec. 23: SW/4 SW/4	5N-20ECM Sec. 23: SW/4 SW/4	5N-20ECM Sec. 23: SVV/4 SVV/4	5N-20ECM Sec. 23: SE/4 SW/4	5N-20ECM Sec. 23: SE/4 SW/4	5N-20ECM Sec. 23: SE/4 SW/4	560. 23: NE/4 SW/4	5N-20ECM Sec. 23: SE/4 SW//4	5N-20ECM Sec. 23: SE/4 SW/4	5N-20ECM Sec. 23: NE/4 SW/4	5N-20ECM Sec. 23: 5E/4 SW/4	5N-20ECM Sec. 23: SVV/4 SVV/4	5N-20ECM Sec. 23: SW/4 SW/4	5N-20ECM Sec 23: NW/4 SW/4	5N-20ECM Sec. 36: N/2 NE/4; SW/4 NE/4	5N-20ECM Sec. 36: W/2	5N-20ECM Sec. 36: W/2
Concatenate	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM23	5N20ECM36	5N20ECM36	5N20ECM36
Section	23	23	33	23	23	23	23	23	23	23	23	23	23	23	53	53	23	23	23	23	23	36	36	36
Range	20ECM	ZOECM	20ECM	20ECM	20ECM	20ECM	20ECM	20ECM	ZOECM	20ECM	20ECM	20ECM	20ECM	ZOECM	20ECM	20ECM	ZOECM	20ECM	ZOECM	20ECM	20ECM	20ECM	20ECM	20ECM
Township	SN	SN	ß	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN	S	SN	SN	SN	SN	SN	SN	SN	SN	SN	SN
Page	412	437	436	402	249	429	398	431	435	443	424	430	415	409	421	418	406	427	439	433	433	91	442	439 519
Book	704	1046	704	704	674	1046	704	1046	1046	1046	704	704	704	704	704	704	704	704	1046	1046	704	1002	066	990 1019
Date	11/27/1985	5/25/2000	12/5/1985	11/25/1985	2/21/1985	5/30/2000	11/25/1985	5/25/2000	6/12/2000	7/7/2000	11/27/1985	11/27/1985	11/27/1985	11/27/1985	11/27/1985	11/27/1985	11/27/1985	11/27/1985	5/25/2000	5/30/2000	11/27/1985	3/5/1998	6/14/1997	6/14/1997
Original Lessee	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PRODUCTION COMPANY	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION
Original Lessor	DORIS SWAN A WIDOW	EDNA MAE CORRELL A WIDOW	EDNA MAY CORRELL AND ROSCOE RAY CASADY AS CO-PERSONAL REPRESENTATIVES UNDER THE WILL OF EDNA A CASADY DECEASED	ELSA HUEBNER A WIDOW	FELIX HUEBNER AKA FELIX LOUIS HUEBNER A SINGLE MAN	HAROLD OSCAR CASADY AND MARTHA LOU CASADY HIS WIFE	JACK A SLATTEN AKA JACK SLATTEN AND VERDEEN L SLATTEN	JENNIFER GAIL BREDELL A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	JESSE DARL CASADY AND MARY ELLEN CASADY HIS WIFE	JULIA ELIZABETH JORDAN A WIDOW	KAREN D BARNES A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	LARRY D PLATZ A SINGLE PERSON	LEE L CASADY AND EFFIE M CASADY HIS WIFE	M I SWAN AND MARGARET SWAN HIS WIFE	PATRONS STATE BANK & TRUST COMPANY AS TRUSTEE OF THE VERA NUGEN TRUST	RICHARD L CASADY SR A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	RICHARD SWAN AND ESTHER E SWAN HIS WIFE	RITA MAE ZIELKE A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ROSCOE RAY CASADY AND ROBERTA M CASADY HUSBAND AND WIFE	VIDA MARGARET NOLAND AND JAMES FRANKLIN NOLAND HER HUSBAND	VINNY LUBBERS A WIDOW	CLEFTON LLYNCH A SINGLE MAN	DANIEL EDWARD DUERSON A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	DORTHA LEA DUERSON 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
Agreement #	32013003	32271003	32023000	32012000	32010000	32271005	32011000	32271006	32271001	32271008	32016004	32016006	32016001	32013002	32016003	32016002	32013001	32016005	32271004	32271002	32022000	32131002	32153001	32153002

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Footnote	m	m	3 Force Pooling Order No. 422559	3 Force Pooling Order No. 422559	3,10	3,10	3, 10	m	m	m	m	m	m	m	m	m	m	m	m	m
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	5N-20ECM Sec. 36: SE/4	5N-20ECM Sec. 36: N/2 NE/4: SE/4 NE/4: SV//4 NE/4	5N-20ECM Sec. 36: SE/4	SN-20ECM Sec. 36: SE/4	5N-20ECM Sec 9 NE/4	5N-20ECM Sec. 9 SW/4	5N-20ECM Sec. 9: SE/4	5N-21ECM Sec 11: NVV/4	5N-21ECM Sec 11: NW/4	5N-21ECM Sec 11: SE/4	5N-21ECM Sec.11: NE/4	5N-21ECM Sec 11: SW/4	5N-21ECM Sec 12: SW/4	5N-21ECM Sec 13: NW/4	5N-21ECM See 13: NW/A	5N-21ECM Sec. 13: E/2 SE4	5N-21ECM Sec. 13: NE/4	5N-21ECM Sec. 13: NE/4	5N-21ECM Sec. 13: NW/4	5N-21ECM Sec. 13: W/Z SE/4
Concatenate	5N20ECM36	5N20ECM36	5N20ECM36	5N20ECM36	5N20ECM9	5N20ECM9	5N20ECM9	5N21ECM11	5N21ECM11	5N21ECM11	5N21ECM11	SN21ECM11	5N21ECM12	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13
Section	36	36	9E	96	თ	σ	σ	11	11	11	Ħ	Ħ	12	13	13	13	13	13	13	13
Range	20ECM	20ECM	20ECM	20ECM	20ECM	20ECM	ZOECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	SN	SN	ß	S	SN	SN	SN	SN	SN	SN	SN	ũ	SN	SN	SN	SN	SN	SN	SN	SN
Page	495	88	N/A	N/A	371	374	301	611	615	623	, 627	631	761	595	597	332	605	262	601	788
Book	994	1022	NIA	NIA	519	519	537	491	491	491	491	491	525	491	491	529	532	535	491	528
Date	9/22/1997	3/5/1998	4/23/1998	4/23/1998	9/13/1979	9/13/1979	7/10/1980	3/28/1978	3/28/1978	4/19/1978	4/19/1978	4/5/1978	12/12/1979	4/3/1978	4/4/1978	2/28/1980	4/1/1980	4/1/1980	4/4/1978	2/8/1980
Original Lessee	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	DALE K LAWYER	DALE K LAWYER	DALE K LAWYER	DALE K LAWYER	DALE K LAWYER	CL CARTER	DALE K LAWYER	DALE K LAWYER	CHRIS DEVINE	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	DALE K LAWYER	CHRIS DEVINE
Original Lessor	HAROLD G LOWREY AND VIRGINIA J LOWREY HUSBAND AND WIFE	LESUE JOHN LYNCH AND VIRGINIA LYNCH HUSBAND AND WIFE	THE NORTHERN TRUST COMPANY, TRUSTE OF THE DAS TRUST UNDER TRUST AGREEMENT DATED JUNE 11, 1979 AND AMENDED ON MAY 15, 1987 (TRUST NO. 0250054)	THE NORTHERN TRUST COMPANY, TRUSTE OF THE MES TRUST UNDER TRUST AGREEMENT DATED JUNE 11, 1979 AND AMENDED ON MAY 15, 1987 (TRUST NO. 0250055)	CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE	CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE	VICTOR H TEGARDEN AND FRECES TEGARDEN HIS WIFE	CARL M HULING	DORA NEARON A WIDOW	H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS WIFE	H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS WIFE	HAROLD C TRETBAR AND LAWRENCEL TRETBAR CO-EXECUTORS OF THE ESTATE OF CLADYS J TRETBAR DECEASED, AND HAROLD C TRETBAR INDVIDUALLY AND LAWRENCE L INDVIDUALLY AND LAWRENCE L	ROY C STICKLER JR AND BETTY J STICKLER HUSBAND AND WIFE	DALELLONG	HATTIE ASPLIN ABBOTT	JAMES W KEATING AND MARLENE KEATING HUSBAND AND WIFE	LAURA MOORE AND EUGENE MOORE HER HUSBAND	LAURENCE WIENS AND BERTHA WIENS HIS WIFE	LOREE E CHAMPIOMONT A SINGLE WOMAN	MARLENE KEATING, ADMINISTRATIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRAAZ DECEASED
Agreement Type	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	LEASE - OIL AND GAS	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 #	32164001	32131001	32164002	32164002	31793000	31794000	31811000	31778002	31778001	31777000	31763000	31764000	31797000	31756006	31756007	32134000	31802001	31802004	31756004	32135000

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Footnote	E	в	Э	m	m	m	m	в	ε	m	m	m	m	m	m	m	m	3, 9	а . е	6 °E	в . е	m	а, ө	Э, 9
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	50-216CM Sec 13: SW/4	5N-21ECM Sec 13: NW/4	5N-21ECM Sec. 13: NW/4	5N-21ECM Sec 13: NVV/4	5N-21ECM Sec. 13: NE/4	5N-21ECM Sec 13: NW/4	5N-21ECM Sec. 13: NE/4	5N-21ECM Sec 16: S/2 S/2 NW/4	5N-21ECM Sec. 16: SW/4	5N-21ECM Sec. 16: N/2 NW/4	5N-21ECM Sec. 16: N/2 S/2 NW/4	5N-21ECM Soc. 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	50-215CM 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-212C/4 Sec 23: NW/4	5N-21ECM Sec. 23: SE/4	5N-21ECM Soc. 23: NE4
Concatenate	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM13	5N21ECM16	5N21ECM16	5N21ECM16	5N21ECM16	5N21ECM17	SN21ECM17	5N21ECM17	SN21ECM17	5N21ECM18	5N21ECM21	5N21ECM23	5N21ECM23	5N21ECM23	SN21ECM23	5N21ECM23	5N21ECM23	5N21ECM23
Section	13	13	13	13	Ę	13	13	16	16	16	16	17	17	11	17	18	12	23	23	23	23	33	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	SN	SN	SN	SN	S	SN	SN	SN	S	SN	S	SN	SN	S	SN	S	SN	SN	SN	SN	SN	ß	SN	SN
Page	783	603	605	299	557	641	565	550	516	335	510	4	8	716	245	627	64	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	9761/21/11
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 WIFE
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	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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	BEAVER 3.9	BEAVER 3.9	BEAVER 3	BEAVER 3		BEAVER 3													
AN-31COM	Sec. 23: SE/4	5N-21ECM Sec. 23: SE/4	5N-21ECM Sec. 26: SE/4	5N-21ECM Sec. 26: NW/4	5N-21ECM Sec. 26: NE/4		564. 201 ND4 5N-21ECM Sec. 27: NE/4	542.27: NE/4 562.27: NE/4 5N-21ECM 50-22ECM 502.27: NW/4	5N-2315 NEVA 5N-2315 NEVA 5N-2315 NEVA 5N-2165 NVV/A 5N-2165 NVV/A 5N-2315 SVV/A 5sc 2215 SVV/A	50-22: NE/4 50-22: NE/4 50-21: NV/4 50-22: NV/4 50-22: SV/4 50-22: SV/4 50-22: SF/4 50-22: SF/4 50-22: SF/4	Switch Sw	Sec. 27: NE/4 Sec. 27: NE/4 Sec. 27: NW/4 Sec. 27: SW/4 Sec. 27: SE/A Sec. 27: SE/A Sec. 27: SE/A Sec. 31: Lot 4: SE/A SW/4 Sec. 31: Lot 4: SE/A SW/4 Sec. 31: Lot 4: SE/A SW/4	Sec. 27: NEVA Sec. 27: NEVA Sec. 27: NEVA Sec. 27: NV/A Sec. 27: SEVA Sec. 27: SEVA Sec. 31: Lot 4: SEA Sec. 31: Lot 4: SEA	Sec. 27: NEVA Sec. 27: NEVA Sec. 27: NVVA Sec. 27: NVVA Sec. 27: SECA Sec. 27: SECA Sec. 27: SECA Sec. 31: Lot 4: SEA SVVA Sec. 31: Lot 4: SEA SVVA	Sec. 27: NEV/4 Sec. 27: NEV/4 Sec. 27: NEV/4 Sec. 27: SV/4 Sec. 27: SV/4 Sec. 27: SEV/4 Sec. 21: Lot 4: SEV/4 Sec. 31: Lot 5, 2 & 3: NE/4 SW/4 Sec. 31: Lot 5, 2 & 3: NE/4 SW/4	Sec. 21: NEV.4 Sec. 22: NEV.4 Sec. 22: NV/4 Sec. 21: SV/4 Sec. 21: SV/4 Sec. 21: SEC Sec. 21: Lot 4: SEV.5V/4 Sec. 31: Lot 4: SEV.5V/4 Sec. 31: Lot 4: SEV.5V/4 Sec. 31: Lot 4: 2 & 3: NE/4 SV/14 Sec. 31: Lot 5: 2 & 3: NE/4 SV/14	Sec. 21: NEVA Sec. 22: NEVA Sec. 22: NEVA Sec. 22: SECA Sec. 23: SECA Sec. 23: SECA Sec. 31: Lot 4: SEA SW/4 Sec. 31: Lot 4: SEA SW/4 Sec. 31: Lot 4: SEA SW/4 Sec. 31: Lot 4: SA 3: NEA SW/4 Sec. 31: Lot 4: SA 3: NEA SW/4 Sec. 31: Lot 4: 2 8.3: NEA SW/4	Sec. 27: NEV/4 Sec. 27: NEV/4 Sec. 27: NEV/4 Sec. 27: SVI/4 Sec. 27: SVI/4 Sec. 27: SECM Sec. 27: SECM Sec. 27: SECM Sec. 31: Lot: 4: SEL SECM Sec. 31: Lot: 4: SEL SECM Sec. 31: Lot: 4: S. NE/4 SVI/4 Sec. 31: Lot: 4: 2. 8. 3: NE/4 SVI/4	Sec. 21: NEV.4 Sec. 22: NEV.4 Sec. 22: NEV.4 Sec. 21: SECM Sec. 21: SECM Sec. 21: SECA Sec. 21: Lot 4: SE4 SW/4 Sec. 31: Lot 1: 2 & 3: NE/4 SW/4
	5N21ECM23	5N21ECM23	5N21ECM26	5N21ECM26	5N21ECM26		5N21ECM27	5N21ECM27 5N21ECM27	SN21ECM27 SN21ECM27 SN21ECM27	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM21 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31 SN21ECM31	SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM27 SN21ECM31 SN2 SN21ECM31 SN2 SN21ECM31 SN2 SN21ECM31 SN2 SN2 SN2 SN2 SN2 SN2 SN2 SN2 SN2 SN2
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	SHENANDOAH OIL CORPORATION	A E MARTIN	DALE K LAWYER	DALE K LAWYER	ANADARKO PRODUCTION COMPANY		A B POLK	A B POLK ANADARKO PRODUCTION COMPANY	A B POLK ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION COMPANY	A B POLK ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION ANADARKO PRODUCTION COMPANY COMPANY	A B POLK ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION COMPANY ANADARKO PRODUCTION GULF OL CORPORATION								
	HIS	SYLVIA ESTHER PATTERSON WICKERSHAM	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE	GENE R GROVE AND LILLIE P GROVE HUSBAND AND WIFE		BERT EARL PATTERSON COMPANY	BERT EARL PATTERSON COMPANY CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE O LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT	BERT EARL PATTERSON COMPANY CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESUE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT ELSIE PEARL JOHNSON A WIDOW	BERT EARL PATTERSON COMPANY CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT ELSIE PEARL JOHNSON A WIDOW JAMES E HUSTED AND HELEN R HUSTED HIS WIFE HIS WIFE	BERT EARL PATTERSON COMPANY CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESUE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT ELSIE PEARL JOHNSON A WIDOW JAMES E HUSTED AND HELEN R HUSTED HIS WIFE BENJAMIN WITZCE AND ANNE WITZCE HIS WIFE HIS WIFE								
-	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS		CL LEASE - OIL AND GAS F											
	31824001	31824003	31773000	31780000	31819000	31771000	31806000		31754000	31754000 31809000	31754000 31809000 31745000	31754000 31745000 31745000	31754000 31745000 31745000 31738006 31738006	31754000 31738006 31738006 31738004 31738005	31754000 31890000 31745000 31738006 31738006 31738006 31738005 31738005 31738005 31738005	31754000 31754000 31745000 31738006 31738006 31746000 31746000 31744000	31754000 31899000 31745000 31745000 31745000 31745000 31745000 31745000 31745000	31754000 31754000 31745000 31738006 31738006 31746000 31746000 31746000 31746000 31738003	31754000 31899000 31746000 31746000 31746000 31744000 31744000 31744000 31744000 31744000 31744000 31746000 31746000 31746000

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31765002	LEASE - OIL AND GAS	MORRIS ATIKINSON AND LOUISE ATIKINSON HIS WIFE, GLADY'S DOLLARHIDE AND DOYLE ODLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND	АНАРАРКО РЕОРИСТІОN СОМРАКҮ	4/21/1978	486	II	Ng	21ECM	E	5N21ECM33	5N-21ECM Sec 33: SW/A	BEAVER	m
31765003	LEASE - OIL AND GAS	MORISA TATISION JAD LOUISE ATRINSON HIS WIFE, GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/21/1978	486	107	Zs	21ECM	33	SN21ECM33	5N-21ECM Sec 33: NW/4	BEAVER	m
31765004	LEASE - OIL AND GAS	MORRIS ATRNISON AND LOUISE ATINISON HIS WIE, GLADYS DOLLARHIDE AND DOYLE OLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/21/1978	486	113	Zú	21ECM	Ê	SN21ECM33	5N-21ECM Sec 33: NE4	BEAVER	m
31765005	LEASE - OIL AND GAS	MORRES ATKISSON AND LOUISE ATKINSON HIS WIFE GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/21/1978	486	. 115	Z	21ECM	e	SN21ECM33	5N-21ECM Sec 33: SE4	BEAVER	m
31863001	LEASE - OIL AND GAS	FRANZIE LOEPP AKA FRANZ LOEPP AND LEONA E LOEPP HIS WIFE	W R GRAY	5/10/1976	446	370	SN	21ECM	34	5N21ECM34	5N-21ECM Sec. 34: VV/2 NV/4	BEAVER	m
31865000	LEASE - OIL AND GAS	FRANZIE LOEPP AKA FRANZ LOEPP AND LEONA E LOEPP HIS WIFE	W R GRAY	5/10/1976	446	367	SN	21ECM	34	5N21ECM34	5N-21ECM Sec 34: E/2 W/2	BEAVER	m
31867000	LEASE - OIL AND GAS	JOHNNIE PLETT AND MARIE PLETT HIS WIFE	W R GRAY	5/10/1976	446	329	SN	21ECM	34	5N21ECM34	5N-21ECM Sec 34: SE/4	BEAVER	m
31863002	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILE RADKE HIS WIFE	W R GRAY	5/10/1976	446	379	SN	21ECM	34	5N21ECM34	5N-21ECM Sec. 34: VV/2 NVV/4	BEAVER	m
31866000	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILE RADKE HUSBAND AND WIFE	W R GRAY	5/10/1976	446	381	SN	21ECM	34	5N21ECM34	5N-21ECM Sec. 34: W/2 SW/4	BEAVER	£
31775000	LEASE - OIL AND GAS	ROY D HARRIS AND EDNA HARRIS HUSBAND AND WIFE	DALE K LAWYER	3/29/1978	492	30	SN	21ECM	34	5N21ECM34	5N-21ECM Sec. 34: NE/4	BEAVER	Б
31883003	LEASE - OIL AND GAS	EVERETT E TRETBAR AND RUTH TRETBAR HIS WIFE	W R GRAY	5/27/1976	446	403	SN	21ECM	35	5N21ECM35	5N-21ECM Sec 35: SW/4	BEAVER	m
31883001	LEASE - OIL AND GAS	FREDERICK W TRETBAR AND BERNICE TRETBAR HIS WIFE	W R GRAY	5/27/1976	447	251	SN	21ECM	35	5N21ECM35	5N-21ECM Sec. 35: SW/4	BEAVER	m
31883004	LEASE - OIL AND GAS	HARVEY A TRETBAR AND JULIA R TRETBAR HIS WIFE	W R GRAY	5/27/1976	447	434	SN	21ECM	35	5N21ECM35	5N-21ECM Sec. 35: SW/4	BEAVER	m
31882000	LEASE - OIL AND GAS	MARY ATKINS MCWHIRTER TRUSTEE UNDER TRUST AGREEMENT MADE BY MARY ATRUST MCWHIRTER AG GRANTOR TO MARY ATRUST MCWHIRTER AS TRUSTEE ON JANUARY 24, 1974	W R GRAY	5/20/1976	447	20	S	21ECM	35	SN21ECM35	SN-21ECM Soc 35: NW/4	BEAVER	m
31887000	LEASE - OIL AND GAS	MARY PANKRATZ AND EDWARD J PANKRATZ HER HUSBAND	W R GRAY	6/19/1976	448	430	SN	21ECM	35	5N21ECM35	5N-21ECM Sec. 35: SE/4	BEAVER	ю
31883002	LEASE - OIL AND GAS	MILDRED M BROWN AND C EVERETT BROWN HER HUSBAND	W R GRAY	5/27/1976	447	422	SN	21ECM	35	5N21ECM35	5N-21ECM Sec. 35: SW/4	BEAVER	3

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LEASE - OIL AND GAS	ARCHIE VIVIAN PATTERSON AKA ARCHIE V PATTERSON AKA A V PATTERSON AND VIOLA PATTERSON HIS WIFE	ANADARKO PRODUCTION COMPANY	2/5/1981	549	710	ŝ	21ECM	36	5N21ECM36	5N-21ECM Soc 36: SW/4	BEAVER	m
LEASE - OIL AND GAS	HUGH DORMAN AND VIRGINIA DORMAN HIS WIFE	SHENANDOAH OIL CORPORATION	11/12/1976	456	326	SN	21ECM	36	5N21ECM36	5N-21ECM Sec. 36: SE4	BEAVER	Е
LEASE - OIL AND GAS	HUGH DORMAN AND VIRGINIA DORMAN SHENANDOAH OIL CORPORATION HIS WIFE	SHENANDOAH OIL CORPORATION	11/12/1976	456	331	SN	21ECM	36	5N21ECM36	5N-21ECM Sec. 36: NE/4	BEAVER	æ
LEASE - OIL AND GAS	HUGH DORMAN ET UX	SHENANDOAH OIL CORPORATION	11/12/1976	456	336	SN	21ECM	36	5N21ECM36	5N-21ECM Sec. 36: NW/4	BEAVER	m
LEASE - OIL AND GAS	ARNOLD H REGIER AND HELEN REGIER HUSBAND AND WIFE	DAVID M DAYVAULT	11/27/1979	521	659	SN	21ECM	9	SN21ECM6	5N-21ECM Sec. 6: NW/4	BEAVER	в
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	BETTY JEAN BODIN AND CARL EDWIN BODIN HER HUSBAND	BRIDGER PETROLEUM CORPORATION	10/11/1979	153	104	S	21ECM	ω	SN21ECM6	5N-21ECM Sec. 6: SEM	BEAVER	3 Force Pooling Order No. 174181
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	DONALD LEE FRANZ AND JOYCE M FRANZ HIS WIFE	BRIDGER PETROLEUM CORPORATION	10/11/1979	531	101	SN	ZIECM	ω	SN21ECM6	5N-21ECM Sec. 6: SEM	BEAVER	3 Force Pooling Order No. 174181
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980		BRIDGER PETROLEUM CORPORATION	10/2/1979	231	62	S	21ECM	ω	SN21ECM6	5N-21ECM See 6: Lots 6 & 7; E/2 SW/4; NW/4	BEAVER	3 Force Pooling Order No. 174181
LEASE - OIL AND GAS	GARY D FRANZ AND MARY A FRANZ AKA MARY FRANZ AKA MARY ANN FRANZ HIS WIFE	DAVID M DAYVAULT	10/23/1979	521	113	S	21ECM	و	5N21ECM6	5N-21ECM Sec 6: Lats 1 & 2: S/2 NE/4	BEAVER	m
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	BRIDGER PETROLEUM CORPORATION	10/17/1979	530	765	SN	21ECM	۵	SN21ECM6	5N-21ECM Sec. 6: NW/4	BEAVER	3 Force Pooling Order No. 174181
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	MARY LOU DUERKSEN AND JOSEPH J DUERKSEN HER HUSBAND	BRIDGER PETROLEUM CORPORATION	10/11/1979	531	86	SN	21ECM	٥	SN21ECM6	5N-21ECM Sec. 6: SEM	BEAVER	3 Force Pooling Order No. 174181
LEASE - OIL AND GAS	A E BECKER, CHESTER WINDSOR AND HENRY BOESE, TRUSTEES MENNONITE CHURCH OF TURPIN OKLAHOMA- 1976	W R GRAY	5/15/1976	446	392	SN	ZIECM	6	5N21ECM9	Sec 9: W/2 NW/4	BEAVER	3, 4
LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 179280 DATED 11/17/1980	HOWARD L FRANZ AND DOROTHY D FRANZ HUSBAND AND WIFE	TEXAS OIL AND GAS CORPORATION	11/30/1978	504	223	ß	21ECM	თ	SN21ECM9	SN-21ECM Sec.9: SEM	BEAVER	3, 4 Force pooled interest under Order No. 179280
LEASE - OIL AND GAS	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	W R GRAY	5/10/1976	446	332	SN	21ECM	6	5N21ECM9	5N-21ECM Soc. 9: W/2 N/W/4	BEAVER	3, 4
LEASE - OIL AND GAS	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	W R GRAY	5/10/1976	446	338	S	21ECM	б	5N21ECM9	5N-21ECM Sec. 9: SW/4	BEAVER	3, 4
LEASE - OIL AND GAS	LAURA MOORE AND EUGENE MOORE HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/1/1980	532	601	SN	21ECM	6	5N21ECM9	5N-21ECM Sec. 9: E/2 NW/4; NE/4	BEAVER	3, 4

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
													3, 4
FOR	FORCE POOLED INTEREST	LAWRENCE S WIENS ET UX	FIRST NATIONAL BANK FAIRFIELD	0861/71/11	NA	N/A	S	21ECM	σ	SN21ECM9	Sec 9: NE4: EZ NW	BEAVER	Force Pooling Order No. 178840
LE LE	LEASE - OIL AND GAS	RUTH ARP AND T E ARP HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/1/1980	533	667	SN	21ECM	б	5N21ECM9	5N-21ECM Sec. 9: NE/4; E/2 NW/4	BEAVER	3,4
"	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 560.9: NE/4: E/2 NW	BEAVER	3,4
3	LEASE - OIL AND GAS	STELLA MCMURRY AND CHARLES MCMURRY HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1953	301	347	Ng	10ECM	16	6N10ECM16	6N-10ECM Sec. 16: S/2	TEXAS	1, 26
1	LEASE - OIL AND GAS	John M. Hardwick, Et Ux	Edwin L. Cox	7/17/1953	301	11	N9	10ECM	16	6N10ECM16	6N-10ECM Sec 16: S/2 NW/4	TEXAS	1, 26
E.E.	LEASE - OIL AND GAS	CHAS M PAUL & MARY K PAUL HUSBAND & WIFE	FRANK PARKES	9/4/1952	257	541	8N	10ECM	23	6N10ECM23	6N-10ECM Sec. 23: NW/4	TEXAS	28
3	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 QUIGLEY	PANHANDLE EASTERN PIPE LINE COMPANY	2/5/1952	257	407	Zġ	10ECM	33	6N10ECM23	6N-10ECM Sec. 23: SW/4	TEXAS	12
3	LEASE - OIL AND GAS	EMMA PEARL FORBES AND HUSBAND WALTER F FORBES	PANHANDLE EASTERN PIPE LINE COMPANY	2/6/1952	257	410	9 8	10ECM	24	6N10ECM24	6N-10ECM Sec. 24: SW/4	TEXAS	12
E	LEASE - OIL AND GAS	FLOYD V SHRAUNER AND WIFE ROBERTA SHRAUNER	PANHANDLE EASTERN PIPE LINE COMPANY	2/16/1952	257	417	Ng	10ECM	24	6N10ECM24	6N-10ECM Sec. 24: N/2 NW/4; NE/4; S/2 NW/4; SE/4	TEXAS	12
3	LEASE - OIL AND GAS	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	4/8/1959	310	637	Ng	TOECM	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, ail as more fully described in the lease	TEXAS	12
۳	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	PANHANDLE EASTERN PIPE LINE COMPANY	3/6/1953	294	366	9N	10ECM	24	6N10ECM24	6N-10ECM Sec. 24: SVV/4	TEXAS	12
3	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	N9	11ECM	17	6N11ECM17	6N-11ECM Soc. 17: SW/4	TEXAS	28
2	LEASE - OIL AND GAS	EDDIE F TUCKER AND LILLIAN PEARL TUCKER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/26/1954	301	407	9N	11ECM	17	6N11ECM17	6N-11ECM Soc.17: Lot 1 & 2: S/2 NE/4	TEXAS	12
, E	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
2	LEASE - OIL AND GAS	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	4/8/1959	310	626	Ng	11ECM	17	6N11ECM17	6N-11ECM Sec. 17: 2.95 Acres in the NW/4, more fully described in the lease	TEXAS	12
Ľ	LEASE - OIL AND GAS	W GLENN MUNCY AND NELLIE LEE MUNCY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	12/17/1954	301	410	N9	11ECM	17	6N11ECM17	6N-11ECM Sec.17: Lot 1 & 2: S/2 NE/4	TEXAS	12
Ľ	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 Sec: 35: N/2 SE/4; NE/4	TEXAS	12
E	LEASE - OIL AND GAS	AUGUST EDDY	W C PEERY	2/7/1950	257	261	N9	12ECM	25	6N12ECM25	6N-12ECM Sec. 25: N/2 SE/4: SE/4 SE/4	TEXAS	28
5	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: SVV/4	TEXAS	28
2	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
3	LEASE - OIL AND GAS	HELENA V LONG AND DAVID LONG HER	W C PEERY	1/16/1950	257	259	Ng	12ECM	25	6N12ECM25	6N-12ECM Sec 25: N/2 SE/4: SE/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
6952001	LEASE - OIL AND GAS	LELA ARNAMAN POWELL AND LEROY D POWELL HER HUSBAND: EVELYN BATTIK AND ARTHUR P BATTIK HER HUSBAND: FERN BARTIK AND WILLIE F BARTIK HER HUSBAND		1/14/1950	257	260	N 9	12ECM	25	6N12ECM25	6N-12ECM Sec 25: N/2 SEM; SEM SEM	TEXAS	28
85252000	LEASE - OIL AND GAS	MARY C KLAPMEYER AND RAY M KLAPMEYER HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	9/16/1944	251	143	6N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25: NE/4	TEXAS	28
69952002	LEASE - OIL AND GAS	PATRICK B WISWALL A SINGLE MAN	W C PEERY	2/3/1950	257	262	N9	12ECM	25	6N12ECM25	6N-12ECM Sec. 25: N/2 SE/4: SE/4 SE/4	TEXAS	28
85510000	LEASE - OIL AND GAS	WILLIAM ARTHUR ENZ AND ROBERT EUGENE ENZ	W C PEERY	4/21/1950	257	272	8N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25: NW/4	TEXAS	28
33056000	LEASE - OIL AND GAS	ACCLURE HIS	PANHANDLE EASTERN PIPE LINE COMPANY	3/3/1945	251	387	6N	12ECM	29	6N12ECM29	6N-12ECM Sec. 29: SW/4	TEXAS	28
85382000	LEASE - OIL AND GAS	ELLA DOHRMANN A WIDOW: BERTHA SHAFFER STARGEL AND CECIL D STARGEL HER HUSBAND ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1953	294	414	en 6	12ECM	31	6N12ECM31	6N-12ECM Sec. 31: NZ	TEXAS	28
85383000	LEASE - OIL AND GAS	ETHEL F FELDHAUS AND JOHN E FELDHAUS HER HUSBAND; AND LENA FRICKE A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1953	294	417	N9	12ECM	31	6N12ECM31	6N-12ECM Sec. 31: S/2	TEXAS	28
N/A	LEASE - OIL AND GAS	GORDON QUILTER AND HIS WIFE RUTH M QUILTER	WALTER KUHN	6/18/1954	252	278	N9	12ECM	32	6N12ECM32	6N-12ECM Sec. 32: SW/4 NE/4	TEXAS	28
85387000	LEASE - OIL AND GAS	HENRY E STROBEL AND MARIE STROBEL HIS WIFE		6/22/1943	244	173	8N	12ECM	32	6N12ECM32	6N-12ECM Soc. 32: NW/4	TEXAS	28
85447000	LEASE - OIL AND GAS	J R MCCLANAHAN AND ESTHER G MCCLANAHAN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/23/1953	257	630	9N	12ECM	32	6N12ECM32	6N-12ECM Sec 32: S/2	TEXAS	28
85254000	LEASE - OIL AND GAS	L E TYRON AND MARY A TYRON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	10/31/1944	251	185	9N	12ECM	32	6N12ECM32	6N-12ECM Sec. 32: N/2 NE/4: 5E/4 NE/4	TEXAS	28
33051000	LEASE - OIL AND GAS	CHARLES W JOEHRENDT AND PEARL JOEHRENDT HIS WIFE	GUY S SPEAKMAN	6/30/1944	251	102	N9	12ECM	34	6N12ECM34	6N-12ECM Sec. 34: NW/4	TEXAS	28
33060000	LEASE - OIL AND GAS	FRANK H KUHN AND ELIZA KUHN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/21/1946	251	591	N9	12ECM	34	6N12ECM34	6N-12ECM Sec. 34: S/2	TEXAS	28
33028000	LEASE - OIL AND GAS	HERMAN H DROSSELMEYER AND ALMA N DROSSELMEYER HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/12/1943	232	7EE	9N	12ECM	۶E	6N12ECM34	6N-12ECM Sec. 34: NE/4	TEXAS	28
85394000	LEASE - OIL AND GAS	A F STYLES SINGLE	CITIES SERVICE OIL COMPANY	7/9/1943	244	163	6N	12ECM	36	6N12ECM36	6N-12ECM Sec. 36: E/2	TEXAS	27, 28
85299000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6017	J E WOOD	3/25/1946	260	175	N9	12ECM	96	6N12ECM36	6N-12ECM Sec. 36: NW/4; SW/4	TEXAS	28
29906000	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	Ng	13ECM	11	6N13ECM17	6N-13ECM Sec 17: SE/4	TEXAS	28
33065000	LEASE - OIL AND GAS	GEORGE HAAR A SINGLE MAN	JOE E. DENHAM	10/5/1943	244	507	N9	13ECM	61	6N13ECM19	6N-13ECM Sec. 19: SE/4	TEXAS	28
85367000	LEASE - OIL AND GAS	JOHN B DOWD AND MARY E DOWD HIS WIFE	JOE E. DENHAM	10/21/1943	244	502	9N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19: NW/4	TEXAS	28
85371000	LEASE - OIL AND GAS	NELLIE LEVALLEY AND F S LEVALLEY HER HUSBAND	JOE E. DENHAM	B/27/1943	244	417	N9	13ECM	19	6N13ECM19	6N-13ECM Sec. 19: SW/4	TEXAS	28

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Footnote	58	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
County	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	11110
Legal Description	6N-13ECM Sec 19: NE4	6N-13ECM Sec. 22: SW/4	6N-13ECM Sec. 27: NE4	6N-13ECM Sec. 28: E/2 SW/4; SE/4	6N-13ECM Sec. 28: NE/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: NE/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SVV/4	6N-13ECM Sec. 30: NW/4	6N-13ECM Soc. 30: SE4	6N-13ECM Sec. 30: SW/4	6N-13ECM Sec. 30: SW/4	6N-13ECM Soc. 31: SE/4	6N-13ECM Sec 31: W/2	6N-13ECM Soc. 31: NE4	6N-13ECM Sec 32: E/2 NW/4: NE/4: W/2 NW/4: SW/4	6N-13ECM Sec. 32: SE/4	6N-13ECM See. 7: Lot 2	6N-13ECM
Concatenate	6N13ECM19	6N13ECM22	6N13ECM27	6N13ECM28	6N13ECM28	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM30	6N13ECM31	6N13ECM31	6N13ECM31	6N13ECM32	6N13ECM32	6N13ECM7	CN13ECM3
Section	19	22	27	28	28	30	30	30	30	30	30	30	30	30	30	30	30	31	31	31	32	32	2	7
Range	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	1 3FCM
Township	Zg	Ng	6N	Ng	Ng	8N	6N	9N	9	Ng	6N	6N	6N	N9	N9	8N	N9	N9	Ŋ	Ng	6N	6N	9N	Ng
Page	422	36	230	294	36	230	232	138	135	507	137	233	136	66E	179	229	231	210	507	179	143	265	310	69
Book	244	209	251	233	209	252	252	252	252	244	252	252	252	244	244	252	252	231	244	244	244	257	257	240
Date	8/4/1943	1/6/1937	11/1/1944	2/10/1943	1/6/1937	12/9/1950	12/22/1950	11/22/1946	11/22/1946	10/5/1943	11/22/1946	1/2/1951	11/22/1946	8/4/1943	6/14/1943	12/9/1950	1/2/1951	B/13/1941	10/5/1943	6/14/1943	6/14/1943	2/18/1950	3/1/1951	2/8/1947
Original Lessee	JOE E. DENHAM	FRANK PARKES	REPUBLIC NATURAL GAS COMPANY	CITIES SERVICE OIL COMPANY	FRANK PARKES	R E CRAWFORD	R E CRAWFORD	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	JOE E. DENHAM	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	R E CRAWFORD	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	JOE E. DENHAM	CITIES SERVICE OIL COMPANY	R E CRAWFORD	R E CRAWFORD	PANHANDLE EASTERN PIPE LINE COMPANY	JOE E. DENHAM	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	W W KENNEDY
Original Lessor	VINCENT HORNER AND ELVA V HORNER HIS WIFE, ELTON HORNER AND BEULAH HORNER HIS WIFE AND MARCELLA HORNER A SINGLE WOMAN	HELEN M HOLLAND A WIDOW; ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL	GEORGE E REARDON AND CLARA M REARDON HIS WIFE	EDITH LEE BEATY AND FRED M BEATY HER HUSBAND	HELEN M HOLLAND A WIDOW; ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL	ALMON ROY SHUTT AND SELMA I SHUTT HUSBAND AND WIFE	EDGAR SHUTT AND GENEVA C SHUTT HIS WIFE	EFFIE D GRINER A WIDOW AKA EFFIE GRANNER	FRANK SHUTT A SINGLE MAN	GEORGE HAAR A SINGLE MAN	GRANT SHUTT A SINGLE MAN	HAROLD SHUTT		JOHN W KELLY AND GRACE KELLY HIS WIFE	MARY HAAR A WIDOW	MRS BERTHA E STOCKTON	STANDFORD F SHUTT AND LILLIAN I SHUTT HIS WIFE	ALBERT R JOHNSON AND MARY E JOHNSON HIS WIFE	GEORGE HAAR A SINGLE MAN	MARY HAAR A WIDOW	MARY HAAR A WIDOW	PEARL VANTINE AND MARK VANTINE HER HUSBAND	A B HICKS AND OLIVE MAY HICKS HIS WIFE	H E RILEY AND MARGARET RILEY HIS
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 #	59906000	85435000	85437000	85434000	85435000	69946008	69946005	69946003	69946004	33065000	69946002	69946006	69946001	69971000	69976000 85400000	69946009	69946007	85401000	33065000	69976000 85400000	85403000	85431000	85457000	85513000

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	TEXAS 28	TEXAS 28	TEXAS	TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS BEAVER	TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	TEXAS TEXAS TEXAS TEXAS BEAVER	TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER B	TEXAS TEXAS TEXAS TEXAS TEXAS BEAVER	TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEAVER TEAV	TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEAVER
6N-17ECM	ov-r.rc.m Sec.28: 5E/4 6N-19ECM		565. L1: L00 L1. L.3. 4: 22.4: 52.4: 52.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 50.4: 5	c. LL. LOB. L. L. J. A. S. Z. S. G. A. S. W.A. S. W.A. S. W.A. S. W.A. S. W.A. S. M. S. S. C. J.A. NW/A. 6 N-196CM 6N-196CM 5cc. 24: SUM	с. 1.1. LOB 1. 1. 3. 4; 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 5. 1. 5. 4. 5. 5. 1. 5. 5. 1. 5. 5. 1. 5. 5. 1. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 2. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	с. 11. LOB. 1. 2. 3. 3. 2. 5 В. 4. 5 Ч. 4 5	6. LIL LOB L. L. J. A. S. S. S. S. S. A. S. V. A. S. V. A. S. V. S. S. L. S. N. V. A. S. S. L. S. N. V. A. S.	6. 4.1. LOB 1. 4. 3. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	с. 11. LOB 1. 1. 3. 4. 5. 2. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 6. 4. 1. 5. 6. 1. 5. 1. 5. 6. 4. 1. 5. 6. 1. 5. 1.	с. 11. LOB 1. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 3. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 1. 9. 6. 4. 2. 6. 4. 1. 6. 4. 2. 6. 3. 5. 4. 4. 6. 4. 2. 2. 6. 3. 5. 4. 4. 6. 4. 2. 2. 6. 3. 5. 4. 4. 6. 4. 2. 2. 6. 3. 5. 4. 4. 6. 4. 2. 2. 6. 3. 5. 4. 4. 6. 4. 2. 2. 5. 4. 4. 5. 4. 5. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	c. L1L LOB L, L, J. 4; S. V. S.	c. LIL LOB L, L.J. 4, S.C. 25, NW/4, SW/4,	с. 11. С06. 1. 3. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	с. 11. С. 1	e. LLL CUE L, L, J, A; S, Z BGY, SUM, SWM, SWM, SWM, SWM, SWM, SWM, SWM, SW	6.4-19ECM 6.4-19ECM 5.6c. 14: NW/4 5.6c. 14: NW/4 6.4-19ECM 5.6c. 24: 5E4 6.4-19ECM 5.ec. 24: 5E4 6.4-19ECM 5.ec. 24: 5E4 6.4-26ECM 5.ec. 24: 5E4 6.4-26ECM 5.ec. 24: 224 6.4-20ECM 5.ec. 32: E2 NW/4 6.4-20ECM 5.ec. 32: E2 NW/4 6.4-20ECM 5.ec. 33: SW/4 6.4-20ECM 5.ec. 33: SW/4 6.4-20ECM 5.ec. 34: SW/4 6.4-20ECM 5.ec. 34: NW/4 6.4-20ECM 5.ec. 34: NW/4 6.4-20ECM 5.ec. 34: NW/4 6.4-20ECM 5.ec. 34: NW/4 6.4-20ECM 5.ec. 34: NW/4 6.4-20ECM 5.ec. 10: Lot 1 & Lot 2: 52: 525 5.ec. 10: Lot 2: 50: Lot 2	e. LLL CUE L, L, J. A, S. C. J.S. NW/A, S. C. J.S. SUM (S. S. S. S	e. ALL CUE A. J. A. Y. S. Z. BOY, SUM, SWM, SWM, SWM, SWM, SWM, SWM, SWM, SW	 C. LIL, DE L, L. J. A, S. C. JA, SWA, SWA, SWA, SWA, SWA, SWA, SWA, SW	e. LLL CUE L, L, J. A, S. Z. S. S. S. S. S. S. NW, S. S. L. NW/A. S. S. L. S. NW/A. S. S. L. S. NW/A. S. S. S. S. NW/A. S. S. S	e. ALL CUE A. J. A. Y. S. Z. BOY, SPIN SWI, SWI, SWI, SWI, SWI, SWI, SWI, SWI,	E. ALLEDE J. 2. A. 3. A. 2. S. 2. S. 24. SWM
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COMPANY R D DAVIS & ASSOCIATES INC		R D DAVIS & ASSOCIATES INC	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION	COMPANY	COMPANY MICHAEL D LEONHART	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC W M BRYAN INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC W M BRYAN INC W M BRYAN INC W M BRYAN INC	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC JESS HARRIS JR JESS HARRIS JR	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC W M BRYAN INC W M BRYAN INC W M BRYAN INC U M BRYAN INC JESS HARRIS JR DINARDO & MARKHAM DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC INCRED & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC M DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM DINARDO & MARKHAM	COMPANY MICHAEL D LEONHART ANADARKO PRODUCTION COMPANY TEXOMA LAND CONSULTANTS INC W M BRYAN INC W M BRYAN INC DINARDO & MARKHAM DINARDO & MARKHAM
MCADAM HIS WIFE JOAN P GATEWOOD LIVING TRUST JOAN P GATEWOOD LIVING TRUST		JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD LIVING TRUST UNDER AGREEMENT DATED DECEMBER	22. 1995 CECIL APSLEY AND EMMA APSLEY HIS WIFE	ELMER A APSLEY ET UX		IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LIVING TRUST DATED DECEMBER 21, 1995	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LIVING TRUST DATED REVOCABLE LIVING TRUST DATED POUL RADKE AND M LUCILE RADKE HIS WIFE AXA M LUCILE RADKE	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LUNING TRUST DATED DECEMBER PAUL RADKE RAJN LUCILE RADKE HS WIFE AKA M LUCILLE RADKE THE FEOPLES BANK, PRATT, KANSLS, TRUSTED FTH ERBERT T RANDLE TRUSTE OATED 212082	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 PAUL RADKE RAN ULCILE RADKE HIS WIFE AGAM LUCILE RADKE TRUSTEE OF THE HENBERT T RANDLE TRUSTEE OF THE HENBERT T RANDLE EESIE A NUCKLE HAMM AND ROBERT E HAMM HEN HUSBAND	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LUNING TRUST DDATED DECEMBER 11. 3995 PAUL RADKE AND M LUCILE RADKE HIS WIFE AKA M LUCILLE RADKE HIS WIFE AKA M LUCILLE RADKE THUEFEO THE HERBERT TRANDLE TRUST DATE OF THE HERBERT TRANDLE FRUST DATE AND ROBERT E HAMM HER HUSBAND TOD DALE AND ESTHER DALE HIS WIFE	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LUNIOR TRUST DATED DECEMBER 71. 1395 PAUL RADKE ANIN UUCILE RADKE HS WIFE AKA M LUCILLE RADKE TRUSTEE OF RATT, KANSKS, THENSTEE OF RATT, KANSKS, TRUSTE OF THE HABBRT T RANDLE TRUSTE OF THE HABBRT T RANDLE TRUSTE OF AND ROBERT E HAMM HER HUSBAND OTTO DALE AND ESTHER DALE HIS WIFE S HELEN WOOD A WIDOW	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 PAUL RADKE RAN ULCILE RADKE HIS WIFE AGAM LUCILE RADKE TRUSTEE OF THE HERBERT TRANGLE TRUST DATED 210.082 ESSIE A NICKLE HAMM AND ROBERT E HAMM HER HUSBAND OTTO DALE AND ESTHER DALE HIS WIFE S HELEN WOOD A WIDOW GEORGE L WINDSOR AND ANDA	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LUNING TRUST DATED DECEMBER 71. 1995 WIFE ACM LUCILE RADKE HIS WIFE ACM LUCILE RADKE HIS WIFE ACM LUCILLE RADKE HIS WIFE ACM LUCILLE RADKE HIS TRUSTEE OF THE HABBRT T RANDLE TRUSTEE OF THE HABBRT T RANDLE TRUSTE OF THE HUBBRT DATED 212082 ESSIE A NICKLE HAMA AND ROBERT E HAMM HER HUSAND ROBERT E OTTO DALE AND ESTHER DALLE HIS WIFE S HELEN WODD A WIDOW GEORGE L WINDSOR AND ANNA WITE AND WILLIAM SCHROEDER A WARA SCHROEDER HIS WIFE SCHROEDER & LONA SCHROEDER HIS WIFE AND WILLER HIS WIFE WIFE AND WILLER AND BAVE SCHROEDER & LONA SCHROEDER HIS WIFE AND WILE AND BAVE	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 PAUL RADKE AND M LUCILE RADKE HIS WIFE AGA M LUCILE RADKE TRUSTEE OF THE HERBERT TRANSLAS. TRUST DATED 2/10/82 ESSIE A NICKLE HAMM AND ROBERT E HAMM HIR HUBBAND OTTO DALE AND ESTHER DALE HIS WIFE OTTO DALE AND ESTHER DALE HIS WIFE S HELEN WODD A WIDOW GEORGE UNIDSOR AND AND ANDOSOR HIS WIFE AND WITE AND WITH AND AND AND AND S HELEN WODD A WIDOW MARY BULLER A RUBENA BULLER HIS WIFE AND WULLAM SCHROEDER & MARA SCHROEDER HIS WIFE ANARY BULLER AND DAVE ANARS BULLER AND BULLER HIS WIFE AND WULLAM SCHROEDER & MARA SCHROEDER HIS WIFE HARRY BULLER AND DAVE	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995. PAUL RADKE RANN ULCILE RADKE HIS WIFE AGAM LUCILE RADKE TRUSTEE OF THE HERBERT TRANGLE STRUST DATED 210.082 ESSIE A NUCLE RAMM AND ROBERTE HAMM HER HUSBAND OTTO DALE AND ESTHER DALE HIS WIFE AND REAL AND DATED AND GEORGE L WINDSOR AND ANNA GEORGE L WINDSOR AND ANNA MITE AND DANNA MITE AND PUBEIN BULLER HIS WIFE AND ANNA SCHROEDER HIS WIFE HARRY BULLER NIE AND DAVE SCHROEDER 14. WIFE AND DAVE MARA SCHROEDER 14. WIFE AND NIE SCHROEDER 14. WIFE AND SCHROEDER 14. SIGLE AND AND LESSIE SADAVE AND PUBEIN BULLER	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNIVER TRUST EDATED DECEMBER 21. 1995 PAUL RADKE AND M LUCILE RADKE HS WIFE AGA M LUCILLE RADKE HS WIFE AGA M LUCILLE RADKE TRUSTE DE OFFARTT KANSAS, TRUSTE DE OFFART RANDLE TRUST DATE D 21.082 ESSIE A NICKLE HAMM AND ROBERT E AND DALE AND SETHER DALE HIS WIFE OTTO DALE AND ESTHER DALE HIS WIFE S HELEN WOOD A WIDOW GEREL WINDOOR AND ANDA OFFARTE AND WIDOS AND ANDA WINDSOR HIS WIFE ANDARA SCHROEDER HIS WIFE HARRY BULLER ANDER HIS WIFE HARRY BULLER ANDER HIS WIFE HARRY BULLER ANDER HIS WIFE HARRY BULLER AND ROBER HIS WIFE AND WILLEN HIS WIFE HARRY BULLER AND BOREN HS WIFE AND WILE AND BOREN HS WIFE AND WILLER AND ROBER HIS WIFE AND WILLER AND ROBER HIS WIFE AND WIFE AND WILLER HIS WIFE HARRY BULLER AND ROBER HIS WIFE HARRY ROBER AND HIS AND	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 WIE AGA ULCILLE RADKE HIS WIE AGA ULCILLE RADKE TRUST EO FTHE HERBERT TRANSLE TRUST DATED 2/1082 ESSIE OF THE HERBERT TRANSLE TRUST DATED 2/1082 ESSIE AUXCLE TAMA AND FOBERT E HAMM HIR HILSBAND OTTO DALE AND ESTHER DALE HIS WIE OTTO DALE AND ESTHER DALE HIS WIE OTTO DALE AND ESTHER DALE HIS WIE SHELEN WODD A WIDOW S HELEN WODD A WIDOW S HELEN WIDSOR HIS WIE HARRY BULLER AND DAVE SCHROEDER 14 EVNE TAND DAVE HARRY BULLER AND DAVE SCHROEDER 14 EONA SCHROEDER A MIND ESSIES ADAMS IR A SINGLE MAN AND LESSIE SADAMS IR A SINGLE MAN AND LESSIE SADAMS IR A SINGLE MAN AND LESSIE SADAMS A WIDOW	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 PAUL RADKE RANN ULCILLE RADKE HIS WIFE AGAM LUCILLE RADKE TRUSTEE OF THE HERBERT TRANGLE STRUST DATED 210.082 ESSIE ANUCKLE HAMM AND FOBERTE HAMM HER HUSBAND OTTO DALE AND ESTHER DALE HIS WIFE AND HER HUSBAND GEORGE L WINDSOR AND ANNA GEORGE L WINDSOR AND ANNA MIFE AND LEAN DANNA MIFE AND LEAN SCHROEDER HIS WIFE HARRY BULLER AS SIGULER HIS WIFE AND VIEL AND SCHROEDER HIS WIFE HARRY BULLER AS SIGULER MAN AND JESSIE SADAMS A WIDOW AND DE SADAMS A MUDOW RAYMOND E ADAMS IR A SIGULE MAN AND JESSIE SADAMS A WIDOW AND LESSIE SADAMS A WIDOW	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNIVER TRUST EE OF THE DAVIS REVOCABLE UNIVER TRUST EE OF THE DAVIS WIFE AZA M LUCILLE RADKE HS WIFE AZA M LUCILLE RADKE HS TRUST EO FUT RE HRBERT TRANDLE TRUST EO FUT RE HRBERT TRANDLE OTO DALE AND STHEN RAM AND ROBERT E NICLE HAMM AND ROBERT E NICLE HAMM AND ROBERT E NICLE HAMM AND ROBERT E MART BULLER RUBERA AND LAND GENREL WINDSOR HID WIFE WINDSOR HID WIFE WINDSOR AND AND A GENREL WINDSOR AND AND A GENREL WINDSOR AND AND A MAND SCHOEDER HIS WIFE HARRY BULLER RUBERA BULLER HIS WINDSOR HID WIFE AND DAVE SHELEN WODD A WIDOW AND LESSIE SADAMS A WIDOW AND LESSIE SADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A WIDOW RAMOND E ADAMS A WIDOW	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 3995 VIETE ACM LUCLIE RADKE HIS WIETE OF THE HERBERT TRANSER. TRUSTEE OF THE HERBERT TRANSER. TRUST DATED 21.0082 ESSIE A NUCKE HAM AND ROBERT E HAMM HIR HUBBAND OTTO DALE AND ESTHER DALE HIS WIE S HELEN WODD A WIDOW GEORGE L WIDSOR AND ANNA WINDSOR HIS WIE HARRY BULLER AND EAR AND AND A WIDOW AND S CHROEDER IS WIE AND DAVIS AND S CHROEDER IS WIE AND WIDOW AND S CHROEDER IS AND AND AND LESSIE S ADAMS A WIDOW RAMMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A A WIDOW RAMMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A A WIDOW RAMMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A A WIDOW	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE UNING TRUST DATED DECEMBER 21. 1995 TRUSTER OF THE HERBER T RANGE HIS WITE STEE OF THE HERBER T RANGES. TRUSTEE OF THE HERBER T RANGES. TRUSTED OFICE SANGES. TRUST DATED 210.032 ESSIE A NICKLE HAMM AND FOOBERTE HAMM HER HUBBAND OTTO DALE AND ESTHER DALE HIS WIFE AND MIRE AND LEAD OFICE AND AND GEORGE L WINDSOR AND ANNA MIFE AND LIER STER DALE HIS WIFE HARRY BULLER RIS WITE AND DAVE WITE AND LIER STERCHORDER RIS MARA SCHROEDER HIS WIFE AND AND SCHROEDER RIS WITE AND DAVE SCHROEDER HIS WIFE AND AND AND ANNA MIFE AND LIER STERCHOEDER HIS HARRY BULLER RIS WIFE AND DAVE SCHROEDER RIS WIFE AND DAVE SCHROEDER RIS WIFE AND DAVE SCHROEDER RIS WIFE AND DAVE MARA SCHROEDER RIS ANDA AND AND LESSIE SADAMS A NIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A WIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A NIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A NIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW RAYMOND E ADAMS IR A SINGLE MAN AND LESSIE SADAMS A VIDOW	REVE DAVIS TRUSTEE OF THE DAVIS REVOLGALE UNING TRUST EDATED DECEMBER 21. 395 VIETE ADAKE HIS WIFE AGA M. LUCILLE FADICE TRUSTEE OF THE HERBERT TRANSLAS. TRUST EO FITE PAINK, KANSAS. TRUST DATED 2/1082 ESSIE ANICKLE HAMM AND FOBERT E HAMM HIR HUBBAND OTTO DALE AND ESTHER DALE HIS WIFE S HELEN WODD A WIDOW S HELEN WODD A WIDOW S HELEN WODD A WIDOW CEORGEL VINDSOR HIS WIFE MART BULLER AND WINDSOR HIS WIFE ADD ENVIE HARRY BULLER AND WINDSOR HIS WIFE ADD WITE AND WITE AND WILLER HIS WIFE AND WILLER AND CEORGEL WINDSOR AND ANDA AND LESSIE S ADAMS A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A WIDOW RAMOND E ADAMS IR A SINGLE MAN AND LESSIE S ADAMS A A WIDOW
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Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	476	8N	23ECM	16	6N23ECM16	6N-23ECM Sec. 16: SE/4	BEAVER	ß
LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	471	9N	23ECM	16	6N23ECM16	6N-23ECM Sec. 16: NE/4	BEAVER	m
OPTION AGREEMENT- OIL AND GAS		DINARDO & MARKHAM	5/27/1986	714	563	6N	23ECM	16	6N23ECM16	6N-23ECM Sec. 16: SW/4	BEAVER	m
LEASE - OIL AND GAS	RA	DINARDO & MARKHAM	5/27/1986	714	565	8N	23ECM	16	6N23ECM16	6N-23ECM Sec. 16: SW/4	BEAVER	m
OPTION AGREEMENT- OIL AND GAS	IL RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	558	N8	23ECM	16	6N23ECM16	6N-23ECM Sec 16: NW/4	BEAVER	m
LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	560	8N	23ECM	16	6N23ECM16	6N-23ECM Sec 16: NW/4	BEAVER	m
LEASE - OIL AND GAS	CLEBERNE C ELLIOT A WIDOWER	DINARDO & MARKHAM	4/25/1986	713	483	8N	23ECM	23	6N23ECM23	6N-23ECM Sec. 23: NE/4	BEAVER	m
LEASE - OIL AND GAS		DINARDO & MARKHAM	4/23/1986	£17	487	Ng	23ECM	23	6N23ECM23	6N-23ECM Sec 23: SE/4	BEAVER	m
LEASE - OIL AND GAS	GENE NICHOLS AND VIVIAN NICHOLS HUSBAND AND WIFE	DINARDO & MARKHAM	4/24/1986	713	491	Ng	23ECM	23	6N23ECM23	6N-23ECM Sec. 23: SE/4	BEAVER	m
FORCE POOLED INTEREST	ОЦ	ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	NIA	Zg	23ECM	23	6N23ECM23	6N-23ECM Sec 23: NW/4	BEAVER	a Force Pooling Order No. 306679
LEASE - OIL AND GAS		DINARDO & MARKHAM	4/23/1986	713	495	ß	23ECM	23	6N23ECM23	6N-23ECM Sec 23: NW/4	BEAVER	m
LEASE - OIL AND GAS	JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE AND FERN RADCLIFF A WIDOW	DINARDO & MARKHAM	4/23/1986	713	499	N9	23ECM	23	6N23ECM23	6N-23ECM Sec 23: SW/4	BEAVER	m
FORCE POOLED INTEREST	LOUCHBUIE LTD PRTNRSHP LOUCHBUIE INC	ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	N/A	Zg	23ECM	23	6N23ECM23	6N-23ECM Soc 23: NW/4	BEAVER	3 Force Pooling Order No. 306679
FORCE POOLED INTEREST		ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	NIA	Zg	23ECM	23	6N23ECM23	6N-23ECM Sec 23: NW/4	BEAVER	3 Force Pooling Order No. 306679
LEASE - OIL AND GAS		DINARDO & MARKHAM	4/23/1986	713	434	Ŋ	23ECM	б	6N23ECM9	6N-23ECM Sec. 9: Lot 3 & Lot 4; S/2 SW/4	BEAVER	m
LEASE - OIL AND GAS	RA	DINARDO & MARKHAM	4/23/1986	713	439	Ng	23ECM	ი	6N23ECM9	6N-23ECM Sec. 9: Lot 1 & Lot 2: S/2 SE/4	BEAVER	m
TERM MINERAL DEED	MESA OPERATING LTD PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	74	137	SOE	35W	23	30S35W23	30S-35W SEC. 23: NE/4	GRANT	2
MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	N4	13ECM	п	4N13ECM11	4N-13ECM SEC 11: ALL	TEXAS	28
MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	N4	13ECM	14	4N13ECM14	4N-13ECM SEC 14: ALL	TEXAS	28
MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	N4	13ECM	16	4N13ECM16	4N-13ECM SEC 16: ALL	TEXAS	28
MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	N4	13ECM	17	4N13ECM17	4N-13ECM SEC 17: ALL	TEXAS	28
MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	18	4N13ECM18	4N-13ECM SEC 18: ALL	TEXAS	28
LEASE- OIL AND GAS	VICTORY PRODUCTION LLC	GREEN RIVER EXPLORATION	9/26/2001	1070	30	N4	21ECM	16	4N21ECM16	4N-21ECM SEC 16: AL	BEAVER	m

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description County Foor	Footnote
	LEASE- OIL AND GAS	MILTON H. BLAKEMORE	GREEN RIVER EXPLORATION	9/26/2001	1069	454	4N	21ECM	16	4N21ECM16	BEAVER	m
	LEASE- OIL AND GAS	THE YEAGER TRUST	GREEN RIVER EXPLORATION	9/26/2001	1069	745	4N	21ECM	16	4N21ECM16	BEAVER	m
	LEASE- OIL AND GAS	THOMAS G. BLAKEMORE TRUST	GREEN RIVER EXPLORATION	9/26/2001	1070	35	N4	21ECM	16	4N21ECM16	4N-21ECM BEAVER SEC. 16: ALL	m
	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	m
	LEASE- OIL AND GAS	THOMAS HERRY BLAKEMORE II	GREEN RIVER EXPLORATION	9/26/2001	1069	781	N4	21ECM	16	4N21ECM16	BEAVER	m
	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	12	3N21ECM12	3N-21ECM SEC. 12: NE4: NW/4: SEL4: SW/4 LESS AND EXCEPT A SQUARE ONE ACRE TRACT IN THE NORTHWEST CORNER OF THE NW/4	m
					8	FOOTNOTES						
н	INSOFAR AND ONLY INSC (PANHANDLE EASTERN P	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW (PANHANDLE EASTERN PIPELINE COMPANY GOING NO. 2 SEC 35 325-41W).	TELOW THE BASE OF THE MISSOUN. -41W).	AN FORMATION AS	DEFINED BY	THE BASE OF	THE PLEASA	VTION SHALL	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 MORTION COUNTY, KS 1966 (PANHANDLE EASTERN PIPELINE COMPANY GOING NO. 2 SEC 35 32-4,14/).	26
2	INSOFAR AND ONLY INSC GEOLOGICAL SOCIETY TY	PFAR AS SAID CONTRACT COVERS THE RIGH PE LOG FOR THE STEVENS, GRANT, SEWARD	ITS BELOW THE TOP OF THE WABA AND HASKELL COUNTIES 1966 (M	UNSEE GROUP WH	ICH OCCURS.	AT 3,352 FT CUTTER NO	ON THE AVAL	ON ENERGY (R36W STEV	CULISON #3	7 (API 15 189 213 Y KANSAS).	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS THE RIGHTS BELOW THE WABAUNSEE GROUP WHICH OCCURS AT 3,352 FT ON THE AVALON ENERGY CULISON #3 7 (API 15 189 21385) SECTION 3, T-31-S, R-35 WEST WHICH CORRELATES TO 3,360 OF THE KANSAS GEOLOGICAL SOCIETY TYPE LOS FOR THE STEVENS, GRANT, SEWARD AND HASKELL COUNTRE 1966 (MOBIL UNITED PRODUCTION WM I CUTTER NO. 1, SEC OUNTY KANSAS).	S
m	INSOFAR AS AND ONLY IF	INSOFAR AS AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE CH		E GROUP, WHICH OC	CURS AT 268	IO FT. IN THE	CROSS TIMBE	RS OPERATI	NG CO. TAR	3ANT #2-22 (API #	ASE 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	
4	SAID LEASE EXCLUDES A	SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE FRANZ 1-9 WELL (API #3500722103) LOCATED IN SECTION 9-5N-21ECM, BEAVER COUNTY, OKLAHOM	HTS TO PRODUCE FROM OR THROU	IGH, THE FRANZ 1-9	WELL (API #3	1500722103	LOCATED IN 5	SECTION 9-51	N-21ECM, BE	EAVER COUNTY, C	жганом	
S	FOOTNOTE #5- SAID LEA:	FOOTNOTE #5- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE JOHNSON D-1 WELL (API #3500724810) LOCATED IN SECTION 2-4N-21ECN, BEAVER COUNTY, OKLAHOMA	ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	THE JOHNSO	N D-1 WELL	(API #3500724	1810) LOCAT	ED IN SECTI	ON 2-4N-21ECM.	BEAVER COUNTY, OKLAHOMA	
9	FOOTNOTE #6- SAID LEA:		ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	THE LILUE W	ELL (API #35	00722976) LO	CATED IN SE	CTION 21-3	4-22ECM, BEAVEF	R COUNTY, OKLAHOMA	
2	FOOTNOTE #7- SAID LEA:	FOOTNOTE #7- SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH. THE PETERS A1 WELL (API #3500721643) LOCATED IN SECTION 10-5N-20ECM. BEAVER COUNTY. OKLAHOMA	ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	THE PETERS	A1 WELL (AF	N #350072164	3) LOCATED	IN SECTION	10-5N-20ECM, BE	saver county, oklahoma	
ω	FOOTNOTE #8- FORCE POOLED INTEREST ONLY	JOLED INTEREST ONLY										
σ	FOOTNOTE #9- SAID LEA:	FOOTNOTE #9- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE JOHNSON C1 WELL (API #3500724330) LOCATED IN SECTION 23-5N-21ECN, BEAVER COUNTY, OKLAHOMA	ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	THE JOHNSOI	N C1 WELL (API #3500724:	330) LOCATE	ED IN SECTIO	N 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 PRODL		FROM OR THROUGH	I, THE WINDS	OR C 1 WELI	L (API #350072	34065) LOCA	TED IN SECT	ION 9-5N-20ECM	ICE FROM OR THROUGH, THE WINDSOR C 1 WELL (API #3500724065) LOCATED IN SECTION 9-5N-20ECM, BEAVER COUNTY, OKLAHOMA	
я	LESS AND EXCEPT THE B. ORDER NO. 410690 (CAUS	LESS AND EXCEPT THE BI POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITIZA ORDER NO. 410690 (CAUSE CD NO. 960002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA.	D AND GOVERNED BY THAT CERTAL ORATION COMMISSION OF THE STA	IN PLAN OF UNITIZA ATE OF OKLAHOMA.	TION FOR TH	E DEVELOPM	IENT AND OPE	RATION OF 1	THE BJ POOL	ENHANCED RECO	LESS AND EXCEPT THE BI POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITIZATION FOR THE BI POOL ENHANCED RECOVERY UNIT, BEAVER COUNTY, OKLAHOMA EFFECTIVE AS OF MAY 1, 1997, AS DEFINED IN ORDER NO. 410690 (CAUSE CD NO. 960002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA.	INED IN
12	LIMITED TO THE MORROV STRATIGRAPHIC EQUIVAL	LIMITED TO THE MORROW PORMATION AS ENCOUNTERED BETVEEN THE DEPTHS OF 6504' AND 68 STRATIGRAPHIC EQUIVALENTS THEREOF AS DERINED IN THE DIL-SEL LOG OF THE LEROY 1-31 WELL	ITHE DEPTHS OF 6504' AND 6888' I LOG OF THE LEROY 1-31 WELL LOC	88' BELOW THE SURFACE AND THE STRATIGRAPHIC LOCATED IN THE SW SW OF SECTION 31-4N-22ECM	CE AND THE S	STRATIGRAP	HIC EQUIVALE CM.	INTS THEREC	OF AND THE	ENTIRE CHESTER	188' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE LOCATED IN THE SW SW OF SECTION 31-4N-Z22ECM.	뿜
13	LIMITED IN DEPTH FROM 8 22ECM.	LIMITED IN DEPTH FROM BELOW THE BASE OF THE CHASE FORMATION AS DEFINED IN FOOTNOTE 3 22ECM.		THE BASE OF THE C	HESTER FORM	AATION WHI	CH IS ENCOUP	VTERED AT A	DEPTH OF	7380' AS DEFINED	TO THE BASE OF THE CHESTER FORMATION WHICH IS ENCOUNTERED AT A DEPTH OF 7380' AS DEFINED IN THE DIL OF THE LEROY #1-31 WELL LOCATED IN THE SW/4 SW/4 OF SECTION 31.4N-	31-4N-
14	LESS AND EXCEPT THE H	LESS AND EXCEPT THE HITCH UNIT WELLS CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN		SIGNMENT, CONVEY	ANCE AND BI	LL OF SALE (DATED JULY 1.	2010 REECO	RDED IN VO	LUME 632, PAGE	ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS	
15	LESS AND EXCEPT THE GI COUNTY, KANSAS	UTTRIDGE F3 WELL AND THE ETZOLD UNIT S	SOUTH 5-4 AND 4-3 WELLS CONVE	YED TO CISCO OPEF	ATING, LLC IN	I THAT CERT	AIN ASSIGNM	ENT, 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 COUNNY, KANSAS	VARD

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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 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
61	LESS AND EXCEPT THE ALEXANDER A2 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 2B 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 LENEMAN 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
23	LESS AND EXCEPT THE NORDIKE 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
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 #351392266) 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-SN-12ECM. TEXAS COUNTY, OKLAHOMA
30	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 #3513924125) LOCATED IN SECTION 13-4N-12ECM, TEXAS COUNTY, OKLAHOMA

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36 Sub LexSE EXCLUDES ALL RGHT, TITLE AND RIGHTS TO AND RIGHTS TO PRODUCE FROM OR THROUGH, THE CLAWSON AT WELL (API #3513021119) AND THE REUST B 1. WELL (API #3513021129) CONTED IN SECTION 5-3N-14EGN, TRXAS COUNTY, OKLAHOMA 37 NGOFAR AND ONLY INSOFAR AS THE LEXE OR AGREEMENT IS INCLUDED WITHIN THE STIRRUP BRHAVICED RECOVERY UNIT, FORMED AND GOGINED DAT A DEPTH OF SLAWS, BRYTERED INTO AS OF THE EXIST DATE OF AUXULAT. TOWNENIP BRHAVICED RECOVERY UNIT, FORMED AND GOGINED DAT A DEPTH OF SLAWS SUFFICIED IN THE RULE DATE OF AUXULAT. TOWNENIP BRHAVICED RECOVERY UNIT, SOFAR AND ONLY INSOFAR AS THE LEXES OR AGREEMENT IS INCLUDED WITHIN THE STIRRUP BRHAVICED RECOVERY UNIT. SOFURD AS DEPTH OF SLAWS SUFFICIED IN THE RULE DATE OF AUXULAT. TOWNENIP 33 SOLTH, RANCO AGREEMENT AND FLAN OF AUXILATION FOR THE UNITED FORMATION AS DEPTH OF SLAWS SUFFICIED IN THE RULE DATE OF AUXULAT. TOWNENIP 33 SOLTH, RANCO AGREEMENT AND FLAN OF AUXILATION FOR THE UNITED FORMATION AS DEPTH OF SLAWS SUFFICIED IN THE RULE DATE OF AUXULAT. TOWNENIP 33 SOLTH, RANCO AGREEMENT AND FLAN OF AUXILATION FOR THE UNITED FORMATION AS DEPTH OF SLAWS SUFFICIED IN THE RULE DATE OF AUXILATION FOR THE AUXILATION FOR	Agreement #	Agreement Type Original Lessor	Original Lessee	Date	Book	Page .	Township	Range Sev	Section Cor	Concatenate	Legal Description	County	Footnote
	36	AID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND	D RIGHTS TO PRODUCE FROM OF	R THROUGH, THE CLAWSO	N A #1 WELL (A	PI #35139211	119) AND THE	REUST B-1 WEI	LL (API #3513	3922729) LOCATED IN SE	CTION 5-3N-14ECM, TEXAS COUNTY, OKLAHOM	AA	
	37	NSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS RECOVERY UNIT, COUNTY OR NORTON, STATE OF KANSAS, ENTI SOFDATION USA AC NO. 1 WELL LOCATED IN THE NEU NOW OUND AT A DEPTH OF 5443 FEET AS SHOWN ON THE HALIJEU VTERVAL	I INCLUDED WITHIN THE STIRRUF TERD INTO AS OF THE 31ST DAT (4, OF SECTION 11, TOWNSHIP 33 JRTON DUAL INDUCTION LATER/	PENHANCED RECOVERY UI E OFJANUARY, 2003. THEI 3 SOUTH, RANGE 40 WEST, 4LOG DATED DECEMBER 1.	NIT. FORMED AN UNITIZED INTER MORTON COUN 1992. ASSIGNC	VD GOVERNEI RVAL FOR THE VTY KANSAS, OR IS RETAINI	D BY THAT CEF STIRRUP ENH WITH THE TOF NG ALL NON-L	RTAIN UNIT AGI ANCED RECOV O OF THE UNITI JNITIZED AGREI	REEMENT AN /ERY UNIT IS 1 ZED FORMAT EMENTS, WEI	ID PLAN OF UNITIZATION THE UPPER MORROW FO TON BEING FOUND AT A I ELLS AND INTERVALS INS	FOR THE DEVELOPMENT AND OPERATION OF T RMATION AS IDEATIFIED BY THE LOG RUN IN TH DEPTH OF 5,340 FEET AND THE BASE OF THE UN OPEAR AS THE DEPTHS FROM THE SURFACE TO	HE STIRRUP ENH HE ANADARKO PE VITTZED FORMATI THE TOP OF THE	ANCED ETROLEUM ON BEING UNITIZED
	BE	NSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS DECEMBER 1, 2003; CERTIFICATE OF KANSAS CORPORATION CO INITIZED IS THAT PORTION OF THE MORROW FORMATION ENCI GREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTH	: INCLUDED WITHIN THE EUBANK DMMISSION AS TO ESTABLISHME :OUNTERED BETWEEN THE DEPT. IS FROM THE SURFACE TO THE TI	K NORTH UNIT, FORMED AN INT OF A UNIT AREA UNDER HS OF 5,130 AND 5,334 FEE OP OF THE UNITIZED INTER	ID GOVERNED B R UNITIZATION (ET AND THAT P(:VAL	SY THAT CERT ORDER, DOCK ORTION OF TH	'AIN UNIT AGR ET NO. 04-COI HE CHESTER FC	EEMENT AND F NS-049 CUNI, D DRMATION ENC	PLAN OF UNIT NATED DECEN COUNTERED E	NZATION FOR THE DEVEL MBER 16, 2003, RECORDE BETWEEN THE DEPTHS C	OPMENT AND OPERATION OF THE EUBANK NOI ED IN VOLUME 168, PAGE 655, NASKELL COUNTY DF 5,334 FEET AND 5,544 FEET, ASSIGNOR IS RE	RTH UNIT AND EF (, KANSAS. THE F TAINING ALL NON	FECTIVE AS OF FORMATION
	6E	ESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY : VAGE 605, BOOK 316 ON PAGE 247, BOOK 323 ON PAGE 556, BO	1, 2014 IN IN THE FOLLOWING DI JOK 326 ON PAGE 513 IN THE REI	EED OF CONVEYANCE AND CORDS OF FINNEY COUNTY	ASSIGNMENT	AND BILL OF	SALE FROM OX	N USA WTP LP	, ET AL, AS Sł	ELLER, AND MERIT HUGO	DTON, L.P., AS BUYER, RECORDED IN SEPARATE C	DOCUMENTS IN E	300K 315 0N
PAGE 345, BOOK 251, AT PAGE 155, BOOK 270 AT PAGE 660, BOOK 270 AT PAGE 672, KEARNY COUNTY, KANSAS	40	ESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY : VAGE 346, BOOK 261, AT PAGE 153, BOOK 270 AT PAGE 660, BO	1, 2014 IN IN THE FOLLOWING DI JOK 270 AT PAGE 672, KEARNY CI	EED OF CONVEYANCE AND OUNTY, KANSAS	ASSIGNMENT	AND BILL OF	SALE FROM OX	N USA WTP LP	, ET AL, AS SI	ELLER, AND MERIT HUGO	DTON, L.P., AS BUYER, RECORDED IN SEPARATE C	DOCUMENTS IN 8	BOOK 260 AT

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API	WELL NAME	WI BPO	NRI BPO	WI APO	0			SEC	TWP	RNG	QTR-QTR	Reservoir	OPERATOR
3500723445	ADAMS H-1	1.000000	0.812500	SAME	SAME		BEAVER 1	1		23E		TORONTO	PANTERA ENERGY COMPANY
3500723517	ADAMS I-1	1.00000	0.812500	SAME	SAME	OK BE	BEAVER 1		6N N3	23E		LOWER	PANTERA ENERGY COMPANY
3500724044	ADAMS K-1	1.000000	0.812500	SAME	SAME		BEAVER 1		6N	23E		LOWER	PANTERA ENERGY COMPANY
3500724553	ADAMS M-1 (TORONTO)	1.000000	0.812500	SAME	SAME	OK BE	BEAVER 5	6	6N NB	23E		TORONTO	PANTERA ENERGY COMPANY
3500724693	ADAMS M-2+G674	1.000000	0.812500	SAME	SAME 0	OK BE	BEAVER 5	6	6N	23E S	SE	TORONTO	PANTERA ENERGY COMPANY
3500724504	ADAMS N-1 (U CHESTER)	1.000000	0.812500	SAME	SAME	OK BE	BEAVER 1	15	6N N3	23E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724640	ADAMS 0-1 (TORONTO)	1.000000	0.812500	SAME	SAME	OK BE	BEAVER 1	10	6N	23E S	SW	TORONTO	PANTERA ENERGY COMPANY
3500724734	ADAMS P-1	1.000000	0.812500	SAME	SAME		BEAVER 5		6N N3		SW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1517520868	ADAMSON 3-11	0.125000	0.098242	SAME					34S	34W		MORROW	EDISON OPERATING COMPANY LLC
1517521475	ADAMSON 4-11	0.125000	0.098242	SAME	SAME 1		SEWARD 1	11	34S	34W		CHESTER	EDISON OPERATING COMPANY LLC
1517521536	ADAMSON 5-11	0.125000	0.098242	SAME	SAME	KS SE				34W		CHESTER	EDISON OPERATING COMPANY LLC
1517521753	ADAMSON A-5	0.750000	0.645117	SAME	SAME					34W		MORROW	PANTERA ENERGY COMPANY
3513920149	ALLEN C-1	1.000000	0.875000	SAME						13E		CHEROKEE 2	PANTERA ENERGY COMPANY
3513922912	ALLEN C-2 (CHEROKEE)	1.000000	0.875000	SAME						13E		CHEROKEE	PANTERA ENERGY COMPANY
1505501006	ANDERSON 1	1.000000	0.875000	0.754688	0.66035157	Γ	FINNEY 1			33W S	SE NE NW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520841	ANDERSON 2-15	1.000000	0.875000	0.754688							SENW	L.	PANTERA ENERGY COMPANY
1505521465	ANDERSON 3	1.000000	0.875000	0.754688				15			NENW		PANTERA ENERGY COMPANY
3513922776	ASHLAND A-1	1.000000	0.874999	SAME						14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1509300301	BAHNTGE 1	1.000000	0.882813	SAME	SAME H	KS KE	KEARNY 2				SWNW	CHASE GROUP	PANTERA ENERGY COMPANY
1509320383	BAHNTGE 2	1.000000	0.882813	SAME						36W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509320952	BAHNTGE 3-2	1.000000	0.882813	SAME		Γ			25S		NENE	CHASE	PANTERA ENERGY COMPANY
1505500391	BAKER 1	1.000000	0.875000	SAME			FINNEY 1	15			NWSE	CHASE GROUP	PANTERA ENERGY COMPANY
1505521605	BAKER 15-6	0.250000	0.218750	SAME	SAME		FINNEY 1				SE NE SW		LARIO OIL & GAS COMPANY
1505520383	BAKER 2	1.000000	0.875000	SAME								COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY
1505520739	BAKER 3-15	1.000000	0.875000	SAME	SAME		FINNEY 1			34W N	NENE	DEEP	PANTERA ENERGY COMPANY
1505520844	BAKER 4-15	1.000000	0.875000	SAME	SAME	KS FI	FINNEY 3	15	23S 3	34W S	SWNESE	MORROW	PANTERA ENERGY COMPANY
3513921213	BAKER H-1	0.958333	0.721874	SAME	SAME					12E		MORROW C	PANTERA ENERGY COMPANY
1505521493	BARKER 3	1.000000	0.875000	SAME	SAME					34W		MORROW	PANTERA ENERGY COMPANY
1505521527	BARKER 4	1.000000	0.875000	SAME	SAME						NESE	CHESTER	PANTERA ENERGY COMPANY
1505521528	BARKER 5	1.000000	0.875000	SAME	SAME		FINNEY 1			34W S	SESE	MISSISSIPPI	PANTERA ENERGY COMPANY
1505521594	BARKER 6	1.000000	0.875000	SAME							SWNE	MORROW	PANTERA ENERGY COMPANY
1505500725	BARKER 1	1.000000	0.875000	SAME							NESW		PANTERA ENERGY COMPANY
1505520322	BARKER 2	1.000000	0.875000	SAME	SAME		FINNEY 1		(- 40 -	34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505521773	BARKER GAS UNIT 3-H	1.000000	0.875000	SAME		KS FI		0			SWSENW		PANTERA ENERGY COMPANY
1505500422	BARTLOW 1	1.000000	0.875000	SAME						34W S	SESW		PANTERA ENERGY COMPANY
1505521491	BARTLOW 3	1.000000	0.875000	SAME			FINNEY 5	6	23S 3		SESW	CHASE GROUP	PANTERA ENERGY COMPANY
1517521171	BAUGHMAN F 1-18	0.00000	0.082250	SAME			_	18		34W		MARMATON	MCCOY PETROLEUM CORPORATION
1505500721	BEDFORD 2	0.50000	0.437500	SAME				8			NESW	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION
1505521617	BEDFORD 2-2	0.50000	0.437500	SAME						34W			CASILLAS PETROLEUM CORPORATION
1505520264	BEDFORD A-2	0.50000	0.437500	SAME				8		34W		ROVE	CASILLAS PETROLEUM CORPORATION
1505521676	BEDFORD C-2	0.50000	0.437500	SAME	SAME		FINNEY 8	8	26S 3	34W N	NE SE NW NE	CHASE AND	CASILLAS PETROLEUM CORPORATION
3500722058	BENNETT C-1	1.000000	0.830035	SAME	SAME		BEAVER 2	2	4N	21E		KANSAS CITY	PANTERA ENERGY COMPANY
3500724303	BENNETT F-1 (CHESTER)	0.735797	0.628493	SAME	SAME	OK BE	BEAVER 2	26	SN 12	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	1.000000	0.875000	SAME	SAME	KS FI	FINNEY 1	13	23S 3	34W N	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520771	BIDWELL 3-13	1.000000	0.875000	SAME			FINNEY 1				NWSWNW	DEEP	PANTERA ENERGY COMPANY
1505520842	BIDWELL 5-13	1.000000	0.875000	SAME			FINNEY 3				NESENW	FORT SCOTT	PANTERA ENERGY COMPANY
1505520873	BIDWELL 6-13	1.000000	0.875000	SAME		KS FI				34W S	SESENW		PANTERA ENERGY COMPANY
1505520912	BIDWELL 7-13	1.000000	0.875000	SAME	SAME		FINNEY 3		23S 3		SWNE	LKC-FT SCOTT	PANTERA ENERGY COMPANY

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1505500480	BIEHN 1	1.00000	0.875000	SAME	SAME	KS FINNEY	NEY 16	245	4S 34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520360	BIEHN 2	1.00000	0.875000	SAME	SAME					S2	COUNCIL GROVE	
1505520748	BIEHN 3-16	1.00000	0.875000	SAME	SAME					NWNE	DEEP	
1517500120	BLACKMER 1-31	1.000000	0.759453	SAME	SAME	Γ	SEWARD 31		34S 32W		MORROW	PANTERA ENERGY COMPANY
1517521703	BLACKMER A-3	1.00000	0.759453	SAME	SAME	KS SEV	SEWARD 31		34S 32W		CHESTER	PANTERA ENERGY COMPANY
1517521724	BLACKMER A-4 (CHESTER)	1.000000	0.820313	SAME	SAME	KS SEV	SEWARD 31	345	15 32W		CHESTER	PANTERA ENERGY COMPANY
3500722015	BLAKEMORE L-1	1.000000	0.824629	SAME	SAME	OK BEA	BEAVER 3	4N	V 21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500721918	BLAKEMORE M-1	1.000000	0.786621	SAME	SAME		BEAVER 9	4N				PANTERA ENERGY COMPANY
3500724427	BLAKEMORE M-2 (B CHESTER)	1.000000	0.786621	SAME	SAME		BEAVER 9	4N			BASAL CHESTER	PANTERA ENERGY COMPANY
3500724428	BLAKEMORE N-1	1.000000	0.812373	SAME	SAME		BEAVER 10		V 21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724792	BLAKEMORE-WILDLIFE 2-16	1.000000	0.801130	SAME	SAME	OK BEA	BEAVER 16			SW	BASAL CHESTER	PANTERA ENERGY COMPANY
1517520784	BLOOM B-1	0.500000	0.437500	SAME	SAME		SEWARD 26	345	tS 34W		LOWER	PANTERA ENERGY COMPANY
1517521722	BOLES C-2	1.00000	0.875000	SAME	SAME		SEWARD 11		5S 34W	SWNENW	ST LOUIS	PANTERA ENERGY COMPANY
1517521720	BOLES C-3	1.000000	0.875000	SAME	SAME	KS SEV	SEWARD 11		5S 34W	SENW	ST LOUIS	PANTERA ENERGY COMPANY
1517520646	BOLES 1-11	1.00000	0.854492	SAME	SAME		SEWARD 11	325	2S 34W	N2NWSE	MORROW	PANTERA ENERGY COMPANY
1517500067	BOLES 1-4	1.000000	0.875000	SAME	SAME		SEWARD 4		5S 34W		TORONTO 2	PANTERA ENERGY COMPANY
1517521757	BOLES B-5 (CHESTER)	1.000000	0.875000	SAME	SAME	Γ	SEWARD 4	35	5S 34W		CHESTER	PANTERA ENERGY COMPANY
1517521669	BOLES F-1 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 2	355	5S 34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521707	BOLES F-2 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 2	355	5S 34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521708	BOLES F-3 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 2	355			ST. LOUIS	PANTERA ENERGY COMPANY
1517521718	BOLES F-4 (ST LOUIS)	1.000000	0.875000	SAME	SAME	Γ	SEWARD 2	35			ST LOUIS	PANTERA ENERGY COMPANY
1517521794	BOLES F-5 (LANSING)	1.00000	0.875000	SAME	SAME			355			LANSING	PANTERA ENERGY COMPANY
3513920113	BORCHERS A-1	1.000000	0.875000	SAME	SAME	OK TEXAS	Γ	4			CHEROKEE	PANTERA ENERGY COMPANY
3513922624	BOWEN 1-22	0.709821	0.595313	SAME	SAME	OK TEXAS		2N			CHASE	PANTERA ENERGY COMPANY
1517521683	BOX A-1 (L MORROW)	1.000000	0.823785	SAME	SAME		0				LOWER	PANTERA ENERGY COMPANY
1518921919	BRECHEISEN A-1	1.000000	0.881348	SAME	SAME	KS STEV	STEVENS 16		SS 38W		UPPER MORROW	PANTERA ENERGY COMPANY
1518922400	BRECHEISEN B-1	0.958333	0.718006	0.718750	0.538504		STEVENS 33	345	X8E St	SE	LOWER	PANTERA ENERGY COMPANY
3513900409	BROCE 1-7	1.000000	0.875000	SAME	SAME	OK TEXAS		4N	4 13E		MORROW	PANTERA ENERGY COMPANY
3500722831	BROWN J-1	1.000000	0.824219	SAME	SAME	OK BEA	BEAVER 20	4N	V 21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724906	BROWN J-2	1.000000	0.824219	SAME	SAME		BEAVER 20			NW	CHESTER	PANTERA ENERGY COMPANY
1517521621	BROWN K-1 (L MORROW)	1.000000	0.833333	SAME	SAME						LOWER	PANTERA ENERGY COMPANY
3500722100	BUNYARD A-1	1.000000	0.816421	SAME	SAME		BEAVER 5		V 20E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517520829	BUSH B-1H	1.00000	0.875000	SAME	SAME	KS SEM	SEWARD 25	335		SE SE NW SE		PANTERA ENERGY COMPANY
1517521622	BUSH B-3 (MARMATON)	1.000000	0.875000	SAME	SAME						LANSING	PANTERA ENERGY COMPANY
1517521813	BUSH B-4 (MARMATON B)	1.00000	0.875000	SAME	SAME		SEWARD 35				MARMATON	PANTERA ENERGY COMPANY
1517520029	CADY A-1	1.000000	0.875000	SAME	SAME	KS SEW					LOWER	PANTERA ENERGY COMPANY
1517521562	CADY A-2 (U CHESTER)	1.000000	0.875000	SAME	SAME						CHESTER	PANTERA ENERGY COMPANY
1505520012	CAMPBELL 4 (SWD)	1.000000	N/A	SAME	SAME					NESE	LANSING-KC	PANTERA ENERGY COMPANY
1517521770	CAMPION A-1 (L MORROW)	1.000000	0.760000	0.875	0.703125						LOWER	PANTERA ENERGY COMPANY
1518922352	CAVNER A-5A	1.000000	0.875000	SAME	SAME				LS 38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1518922362	CAVNER A-6 (SWD)	1.000000	N/A	SAME	SAME					NM	LOWER	PANTERA ENERGY COMPANY
1518922363	CAVNER A-7 (ST LOUIS)	1.000000	0.875000	SAME	SAME				LS 38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1508120361	KMU 12-1 (CHARLES 1-12) WIW	1.000000	0.875000	SAME	SAME						MORROW	PANTERA ENERGY COMPANY
1517521792	CITY OF LIBERAL C-1 (ST LOUIS)	1.000000	0.847656	SAME	SAME		0		tS 34W	_	ST. LOUIS	PANTERA ENERGY COMPANY
3513935787	CITIES SERVICE A-1 (CHEROKEE)	1.00000	1.00000	SAME	SAME						CHEROKEE	PANTERA ENERGY COMPANY
3513921253	CITIES SERVICE A-5	1.000000	1.000000	SAME	SAME	OK TEXAS	AS 18		4 14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513921679	CITIES SERVICE A-7	1.000000	1.000000	SAME	SAME	OK TEXAS					KEYES	PANTERA ENERGY COMPANY
3513935788	CITIES SERVICE B-1	1.000000	1.00000	SAME	SAME						KEYES 2	PANTERA ENERGY COMPANY
3513920634	CITIES SERVICE B-3	1.000000	1.00000	SAME	SAME						UPPER MORROW	PANTERA ENERGY COMPANY
3513922479	CITIES SERVICE B-5	1.000000	1.000000	SAME	SAME	OK TEXAS	AS 14	4N	V 13E	_	_	PANTERA ENERGY COMPANY

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3513935789	CITIES SERVICE C-1	1.00000	1.000000	SAME	SAME	и ті	TEXAS 11	4N	13F	_	UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513935795	CITIES SERVICE C-2	1.000000	0.875000	SAME	SAME						UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513935790	CITIES SERVICE D-1	1.000000	1.000000	SAME	SAME						UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920851	CITIES SERVICE D-3 (MORROW)	1.000000	1.000000	SAME	SAME						UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513935792	CITIES SERVICE F-1	1.000000	1.000000	SAME	SAME	OK TE		5 4N			KEYES	PANTERA ENERGY COMPANY
3513921898	CITIES SERVICE I-2 (SWD)	1.000000	N/A	SAME	SAME	OK TE	TEXAS 11	1 4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920697	CITIES SERVICE K-1	1.000000	1.000000	SAME	SAME		TEXAS 17	7 4N	14E		CHEROKEE	PANTERA ENERGY COMPANY
3513922538	CLAREMONT A-3	1.000000	0.875000	SAME	SAME		TEXAS 7				MORROW F	PANTERA ENERGY COMPANY
1517500034	DAVIES 1-36	1.000000	0.875000	SAME	SAME		SEWARD 36	5 335			CHESTER	PANTERA ENERGY COMPANY
3500721730	CLENNY 24-6	0.249458	0.218276	SAME	SAME		BEAVER 6	IN			CHESTER	RESOURCE OIL AND GAS LLC
1518920514	COBB UNIT 1-3	0.000000	0.020000	SAME	SAME		STEVENS 8	335	S 36W			EDISON OPERATING COMPANY LLC
1517521481	COOK 3-35	0.078125	0.075800	SAME	SAME		SEWARD 35	5 33S	S 34W		MORROW	EDISON OPERATING COMPANY LLC
3513922780	COPP A-2 (UPPER MORROW)	0.969040	0.847904	SAME	SAME	OK TE	TEXAS 6	3N B	14E		UPPER MORROW	PANTERA ENERGY COMPANY
1505500337	CORMACK 1-34	1.000000	0.875000	SAME	SAME		FINNEY 34			NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505521151	CORMACK 1-34	0.000000	0.175000	SAME	SAME				S 34W	SESENW		BEREXCO LLC
1505520877	CORMACK 2-34	1.000000	0.875000	SAME	SAME					SWSW	CHASE GROUP	PANTERA ENERGY COMPANY
1505521161	CORMACK 2-34	0.000000	0.175000	SAME	SAME		FINNEY 3			SENENW		BEREXCO LLC
1505521190	CORMACK 3-34	0.000000	0.175000	SAME	SAME			t 22S	S 34W	NENWSW		MANUEL CORPORATION
1505521198	CORMACK 4-34	0.000000	0.175000	SAME	SAME					NESWNW		BEREXCO LLC
1505521319	CORMACK 5-34	0.000000	0.175000	SAME	SAME					ENWNW		BEREXCO LLC
1505521694	CORMACK 6-34	0.000000	0.175000	SAME	SAME	Γ			S 34W	EWSW		BEREXCO LLC
1517521653	CORRELL A-3	1.000000	0.859375	SAME	SAME	Γ	SEWARD 2				LOWER	PANTERA ENERGY COMPANY
1518922409	COTTRELL A-3	1.000000	0.875000	SAME	SAME	Γ	STEVENS 32			NW	LOWER	PANTERA ENERGY COMPANY
1505500537	COWGILL 1	1.000000	0.875000	SAME	SAME	Γ				SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520889	COWGILL 2-19	1.000000	0.875000	SAME	SAME					SESW	DEEP	PANTERA ENERGY COMPANY
1518922163	CRISS A-2 (MORROW)	1.000000	0.900391	SAME	SAME	KS S1	STEVENS 17	7 355			MORROW C	PANTERA ENERGY COMPANY
1517520426	CROW A-1	1.000000	0.875000	SAME	SAME		SEWARD 34		S 34W		UPPER CHESTER 2	UPPER CHESTER 2 PANTERA ENERGY COMPANY
1517520593	CROW B-1	1.000000	0.875000	SAME	SAME		_				LOWER CHESTER	LOWER CHESTER PANTERA ENERGY COMPANY
1505522329	CUNDIFF A-3	1.000000	0.875000	SAME	SAME							PANTERA ENERGY COMPANY
1505500406	DANLER 1	0.500000	0.437500	SAME	SAME					NWNWSE	CHASE GROUP	
1505520380	DANLER 2	0.50000	0.437500	SAME	SAME					NWSE	COUNCIL GROVE	
1505520585	DANLER 3	0.500000	0.437500	SAME	SAME		FINNEY 30		S 34W	NE	CHASE GROUP	PANTERA ENERGY COMPANY
1517510137	DAVIES 1-30	1.00000	0.875000	SAME	SAME						LOWER	PANTERA ENERGY COMPANY
1517510005	DAVIES C-1	1.000000	0.875000	SAME	SAME		SEWARD 3:	L 33S	S 31W		LOWER	PANTERA ENERGY COMPANY
1517510172	DAVIES 2-6	1.000000	0.875000	SAME	SAME	KS SE	SEWARD 6		S 31W		LOWER	PANTERA ENERGY COMPANY
1517521558	DAVIES E-1 (MORROW/CHESTER)	1.000000	0.875000	SAME	SAME		SEWARD 36	5 33S	S 32W		L MORROW & U	PANTERA ENERGY COMPANY
3513923336	DAVIS TRUST B-1	1.000000	0.812500	SAME	SAME			6N		NWNWNE	BASAL CHESTER	PANTERA ENERGY COMPANY
1517521561	DAVIES F-1 (MORROW/CHESTER)	1.000000	0.865156	SAME	SAME		SEWARD 8				L MORROW & U	PANTERA ENERGY COMPANY
1517521737	DAVIES G-2 (L MORROW)	1.000000	0.875000	SAME	SAME						LOWER	PANTERA ENERGY COMPANY
1518921776	DAVIS D-2	1.000000	0.820312	SAME	SAME		STEVENS 14				LOWER	PANTERA ENERGY COMPANY
1518920410	DAVIS G-1	1.000000	0.875000	SAME	SAME	KS S1					LOWER	PANTERA ENERGY COMPANY
1517521715	DOWNS A-1 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 11				ST LOUIS	PANTERA ENERGY COMPANY
1505500733	DEVLIN 1	0.825196	0.722047	SAME	SAME						CHASE	PANTERA ENERGY COMPANY
1505520369	DEVLIN 2	0.549805	0.481079	SAME	SAME	KS FI	FINNEY 19	9 265	S 34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520924	DEVLIN A-1H	0.825196	0.722047	SAME	SAME		FINNEY 19	9 265	S 34W		CHASE	PANTERA ENERGY COMPANY
3500700218	DICK 1-31	1.000000	0.857419	SAME	SAME	OK BI	BEAVER 31	L 5N	21E		LOWER CHESTER	LOWER CHESTER PANTERA ENERGY COMPANY
3500723840	DICK A-2	1.000000	0.857420	SAME	SAME	OK BE	BEAVER 31				UPPER CHESTER	PANTERA ENERGY COMPANY
3500721961	DIRKS A-1-6	1.000000	0.833536	SAME	SAME		BEAVER 6	SN			LOWER CHESTER	PANTERA ENERGY COMPANY
3513921288	DIXON A-1	1.000000	0.875000	SAME	SAME	OK TE	TEXAS 5	4N			KEYES	PANTERA ENERGY COMPANY
3500723421	DORMAN 1-1	0.000000	0.000000	0.252886	0.20547		BEAVER 1	41	21E	NE	CHESTER	MONTEREY PRODUCTION COMPANY LLC

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3500725256	DORMAN 2-1	0.000000	0.00000	0.252886	0.20547	Xo	BEAVER		4N	21E	SE	CHESTER	MONTEREY PRODUCTION COMPANY LLC
3500724318	DORMAN C-1 (CHESTER)	0.718750	0.574829	SAME	SAME		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		STEVENS	16	355	38W		MORROW C	PANTERA ENERGY COMPANY
1509320951	FISCHER D 2-13 (SWD)	1.00000	N/A	SAME	SAME		KEARNY	13	24S	35W	NWSE	LANSING-KC	PANTERA ENERGY COMPANY
3513935801	EASTERWOOD A-3	1.00000	1.000000	SAME	SAME	YO	TEXAS	11	4N	13E		KEYES 2	PANTERA ENERGY COMPANY
1517500187	ETZOLD 1-22	1.000000	0.875000	SAME	SAME	KS	SEWARD	22	33S	34W	NE NE NE SW	CHESTER	PANTERA ENERGY COMPANY
NUMEROUS	ETZOLD UNIT NORTH	0.00000	0.075000	SAME	SAME		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		SEWARD	29	33S	34W	NWNE	LOWER	PANTERA ENERGY COMPANY
1517510144	FINCHAM B-1	1.00000	0.875000	SAME	SAME		SEWARD	28	33S	34W		MORROW &	PANTERA ENERGY COMPANY
1517521657	FINCHAM G-2 (L MORROW)	1.000000	0.875000	SAME	SAME		SEWARD	33	33S	34W		LOWER	PANTERA ENERGY COMPANY
1509320370	FISHER D 1-13	1.00000	0.875000	SAME	SAME		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)	1.00000	0.875000	SAME	SAME	KS	SEWARD	2	34S	33W		UPPER LANSING	PANTERA ENERGY COMPANY
1505500395	FOSTER 1	1.00000	0.875000	SAME	SAME		FINNEY	19	23S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
3500722233	FRANZ E-1	1.000000	0.839844	SAME	SAME		BEAVER	4	4N	21E		KANSAS CITY 2	PANTERA ENERGY COMPANY
1505520760	FOSTER 4-19	1.000000	0.875000	SAME	SAME	KS	FINNEY	19	235	34W	NENW	DEEP	PANTERA ENERGY COMPANY
1505500481	FOTOPOLOUS 1	1.000000	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	_
1505520749	FOTOPOULOS -3-17	1.00000	0.875000	SAME	SAME	ß	FINNEY	17	24S	34W	SESE	DEEP	PANTERA ENERGY COMPANY
1509300388	GARDEN A-1	1.00000	0.875000	SAME	SAME		KEARNY	7	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	1.00000	0.812500	SAME	SAME	KS	SEWARD	13	355	34W		LOWER	PANTERA ENERGY COMPANY
1517520642	GAMMELL A-1	1.00000	0.812500	SAME	SAME	KS	SEWARD	29	34S	34W		CHESTER	PANTERA ENERGY COMPANY
1509320586	GARDEN A-3	1.000000	0.875000	SAME	SAME		KEARNY	7	24S	35W	NWSE	COUNCIL GROVE	
1509321005	GARDEN A-4 (SWD)	1.000000	N/A	SAME	SAME	KS	KEARNY	1	24S	35W	NENW	CHASE GROUP	PANTERA ENERGY COMPANY
1509321494	GARDEN A-5	1.000000	0.875000	SAME	SAME		KEARNY	Ч	24S	35W	SENE	CHASE	PANTERA ENERGY COMPANY
1509320805	GARDEN B D1-13	1.000000	0.875000	SAME	SAME		KEARNY	13	23S	35W	SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509300085	GARDEN B-1	1.00000	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	PANTERA ENERGY COMPANY
1505520356	GARDEN C-10	1.00000	0.875000	SAME	SAME		FINNEY	16	23S	34W	NE	COUNCIL GROVE	PANTERA ENERGY COMPANY
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	1.000000	0.875000	SAME	SAME		FINNEY	22	23S	34W	SESW	DEEP	PANTERA ENERGY COMPANY
1505500398	GARDEN C-3	1.000000	0.875000	SAME	SAME		FINNEY	22	23S	34W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520294	GARDEN C-8	1.000000	0.875000	SAME	SAME		FINNEY	22	23S	34W	W2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520573	GARDEN CITY 11	1.000000	0.875000	SAME	SAME		FINNEY	16	23S	34W	SWSE	CHASE	PANTERA ENERGY COMPANY
1505521148	GARDEN CITY 1-16	0.00000	0.125000	SAME	SAME		FINNEY	16	23S	34W	NWNE		WHITCO PETROLEUM LP
1505521180	GARDEN CITY 2-16	0.00000	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		WHITCO PETROLEUM LP
1509300398	GARDEN CITY 0-1	0.889100	0.778137	SAME	SAME		KEARNY	11	24S	35W	N2SE	COUNCIL GROVE	PANTERA ENERGY COMPANY
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		FINNEY	13	23S	34W	ESWSE		BEREXCO LLC
1517521618	GAREY A-3 (LOWER MORROW)	1.000000	0.875000	SAME	SAME		SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY
1517521667	GAREY A-4 (L MORROW)	1.000000	0.875000	SAME	SAME	KS	SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY
1505500469	GARNAND 1	0.632500	0.553443	SAME	SAME		FINNEY	5	24S	34W	SWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520321	GARNAND 2	1.000000	0.829057	SAME	SAME		FINNEY	S	24S	34W	S2NW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520827	GARNAND 3-5	0.632500	0.553443	SAME	SAME	KS	FINNEY	S	24S	34W	SWNW	DFFD	PANTERA ENERGY COMPANY
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xhibit A-1 - Wells and Units to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach L	ГC
Juits to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and I	lach L
Jnits to Assignment, Conveyance and Bill of Sale between PanHugoton Partners J	BCE-N
Jnits to Assignment, Conveyance and Bill of Sale between PanHugoton Partners J	C and]
Jnits to Assignment, Conveyance and Bill of Sale between PanHugoton	IS LL(
Jnits to Assignment, Conveyance and Bill of Sale between Pan	Partne
Jnits to Assignment, Conveyance and Bill of Sale between	an
Jnits to Assignment, Conveyance and Bill o	between I
Jnits to Assignment, Conveyance and Bi	0
Jnits to Assignment,	onveyance and Bi
xhibit A-1 - Wells and Units to	gnment,
xhibit A-1 - Wells and Ur	nits to
xhibit A-1 - Wells	and U ₁
xhibit A-1 -	Wells
xhibit A	+
Щ	xhibit A

1508120890	GILES 2-27	0.241250	0.258000	SAME	SAME		HASKELL	27	29S	34W	NENE	CHESTER	DARRAH OIL COMPANY LLC
1512921614	GLENN 1-214	0.500000	0.471094	SAME	SAME	KS	MORTON		32S	41W	N2 NW NE	MORROW	PIONEER OIL COMPANY INC
3513920737	GOODWIN A-1	1.000000	0.875000	SAME	SAME	ХО	TEXAS		4N	12E		MORROW D	PANTERA ENERGY COMPANY
3513924115	GOODWIN A-2	1.00000	0.875000	SAME	SAME	DK 1	TEXAS	36 4	4N	12E	SW NE SW SW	MORROW	PANTERA ENERGY COMPANY
1517521714	HATCHER B-2 (ST LOUIS)	1.000000	0.875000	SAME	SAME	KS SI	SEWARD	35	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517520604	GROVER B-1	1.000000	0.875000	SAME	SAME	KS SI	SEWARD :	1	35S	34W			PANTERA ENERGY COMPANY
1517521716	GROVER B-2 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 2	2	35S	34W		ST LOUIS	PANTERA ENERGY COMPANY
1517520877	GROVER D-1 (UPPER CHESTER)	1.00000	0.875000	SAME	SAME	KS SI	SEWARD :	17 3	35S	34W		multiple	PANTERA ENERGY COMPANY
3500730060	GRUNAU 1-28	0.250000	0.218750	SAME	SAME		BEAVER	28 2	2N	22E	NWSE	CHESTER	COURSON OIL & GAS INCORPORATED
3513901852	HAAR 2-32	1.000000	0.875000	SAME	SAME		TEXAS		6N	13E		MORROW C	PANTERA ENERGY COMPANY
3513935811	HAAR C-2	1.000000	0.846399	SAME	SAME	DK 1	TEXAS	30	6N	13E		MORROW C	PANTERA ENERGY COMPANY
3513922274	HAAR C-S	1.000000	0.875000	SAME	SAME	F XO	TEXAS		6N	13E		KEYES	PANTERA ENERGY COMPANY
3513922373	HAAR I-2	1.000000	0.875000	SAME	SAME					13E		MORROW	PANTERA ENERGY COMPANY
3500721762	HAMM A-1-33	0.750000	0.656250	SAME	SAME	OK B	BEAVER		6N	20E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500725211	HARLEY #1-13	0.000000	0.015625	SAME	SAME						NW	HUNTINGTON	HUNTINGTON ENERGY LLC
1517521648	HARNDEN A-3 (CHESTER)	1.000000	0.875000	SAME	SAME	Γ				33W		CHESTER	PANTERA ENERGY COMPANY
1517521717	HATCHER B-3	1.000000	0.875000	SAME	SAME	Γ				34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521719	HATCHER B-4	1.000000	0.875000	SAME	SAME			35 35		34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521721	HATCHER B-5	1.000000	0.875000	SAME	SAME					34W		ST LOUIS	PANTERA ENERGY COMPANY
1517521729	HATCHER C-1 (ST LOUIS)	1.000000	0.875000	SAME	SAME				34S	34W		ST LOUIS	PANTERA ENERGY COMPANY
1517521817	HATCHER D-1 (MARMATON)	1.000000	0.875000	SAME	SAME	Γ					SE	MARMATON	PANTERA ENERGY COMPANY
1517521740	HEADRICK A-2 (ST LOUIS)	1.000000	0.875000	SAME	SAME	Γ	Γ			34W		ST LOUIS	PANTERA ENERGY COMPANY
1505500728	HATFIELD 1	1.000000	0.875000	SAME	SAME	KS	Γ	15			NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520278	HATFIELD 2	1.000000	0.875000	SAME	SAME		FINNEY			34W	SENW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520821	HATFIELD 3-15	1.000000	0.875000	SAME	SAME						SESW	DEEP	
3500724841	HEADRICK 32A (UPPER CHESTER)	0.125000	0.101563	SAME	SAME	Γ					NE	UPPER CHESTER	FOUNDATION ENERGY MANAGEMENT LLC
1517520838	HEADRICK A-1	1.00000	0.830889	SAME	SAME			11		34W		LOWER	PANTERA ENERGY COMPANY
1518921416	HITTLE A-2	0.924651	0.798816	SAME	SAME	KS S				39W		MORROW	PANTERA ENERGY COMPANY
1517521752	HEADRICK A-3 (CHESTER)	1.000000	0.830889	SAME	SAME		0	11		34W		CHESTER	PANTERA ENERGY COMPANY
1509300728	HEINTZ 1	1.000000	0.875000	SAME	SAME			6 2			SENWSE	CHASE GROUP	
1509320384	HEINTZ 2	1.000000	0.875000	SAME	SAME			6 2			SWNE	COUNCIL GROVE	
1509320954	HEINTZ 3-6	1.000000	0.875000	SAME	SAME		KEARNY	6	25S	37W	SENW	DEEP	PANTERA ENERGY COMPANY
3513921207	HEINTZ E-1	0.989583	0.867023	SAME	SAME	DK T	TEXAS	11	SN	12E		MORROW F	PANTERA ENERGY COMPANY
3513924084	HELEN 19-1 H	1.000000	0.811119	SAME	SAME		TEXAS :	19 4	4N	13E	NE	ADMIRE	PANTERA ENERGY COMPANY
1518921244	HERBEL A-1	1.00000	0.847656	SAME	SAME					39W		MORROW C	PANTERA ENERGY COMPANY
1518922153	HITTLE A-5 (L MORROW)	0.924651	0.798816	SAME	SAME		STEVENS			39W		LOWER	PANTERA ENERGY COMPANY
1518922348	HITTLE A-6 (U MORROW)	0.924651	0.798816	SAME	SAME	KS S	5			39W			PANTERA ENERGY COMPANY
1505521826	HJV BROWN M-1	1.000000	0.812500	SAME	SAME			15			NN	MORROW A	PANTERA ENERGY COMPANY
1518922345	HJV CHRISTOPHER A-1	1.000000	0.812500	SAME	SAME			m		ЗW		LOWER	PANTERA ENERGY COMPANY
1518922364	HJV CORNELL UNIVERSITY A-1	1.000000	0.803125	SAME	SAME			m		39W		MORROW	PANTERA ENERGY COMPANY
1518922394	HJV CORNELL UNIVERSITY B-1	1.000000	0.784375	SAME	SAME			9			NE	LOWER	PANTERA ENERGY COMPANY
1518922326	HJV MILLER A-1 (L MORROW)	1.000000	0.812500	SAME	SAME			28		35W		LOWER	PANTERA ENERGY COMPANY
1518922399	HJV MUNCY A-1	1.000000	0.812500	SAME	SAME		STEVENS	m	31S	39W	NW	LOWER	PANTERA ENERGY COMPANY
1506721534	HJV ROTH A-1	1.00000	0.812500	SAME	SAME						SE	MORROW	PANTERA ENERGY COMPANY
1518922422	HJV SCHMIDT A-1	1.00000	0.936719	SAME	SAME		STEVENS	26 3	31S	39W		MORROW	PANTERA ENERGY COMPANY
1518922278	HJV SPRING A-1	0.50000	0.437500	SAME	SAME		STEVENS	29	32S	37W		MORROW	PANTERA ENERGY COMPANY
1508121330	HJV WINTER A-1 (U MORROW)	1.000000	0.812500	SAME	SAME	KS H	HASKELL			34W		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1508121375	HJV WINTER A-2 (U MORROW)	1.000000	0.812500	SAME	SAME						NE	UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517521405	HOME ROYALTY A-2	0.473618	0.414416	SAME	SAME					34W		CHESTER	CASILLAS PETROLEUM CORPORATION
1517521773	HOME ROYALTY A-4	0.473618	0.414416	SAME	SAME		SEWARD	17	315	34W		KANSAS CITY	CASILLAS DETROLELINA CORPORATION

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1506720342			01										
	HOOPER 1-28	1.00000	0.875000	SAME	SAME						NENE	CHESTER	PANTERA ENERGY COMPANY
3513935234	KEENAN 2-26	1.00000	0.875000	SAME	SAME	X						KEYES 2	PANTERA ENERGY COMPANY
1517530030	HOWLAND A-1	1.00000	0.875000	SAME	SAME	Γ	0	34 3	33S 34	34W		MORROW	PANTERA ENERGY COMPANY
3500721858	HUEBNER 1-18	0.251663	0.204476	SAME	SAME		BEAVER 1			21E L(LOT 4 (SWSW)	CHESTER	COURSON OIL & GAS INCORPORATED
3500723178	HUEBNER B-1	1.00000	0.812500	SAME	SAME	А М	BEAVER 2		5N 20	20E		LOWER CHESTER	PANTERA ENERGY COMPANY
3500723821	HUEBNER B-2	1.00000	0.812500	SAME	SAME	Хо	BEAVER 2		5N 20	20E		BASAL CHESTER	PANTERA ENERGY COMPANY
1508120341	KMU 13-1 (HUNGATE 2-13)	1.00000	0.875000	SAME	SAME	KS	HASKELL 1	13 2	295 34	34W		multiple	PANTERA ENERGY COMPANY
3513922775	KEENAN A-7 (U MORROW)	1.00000	0.875002	SAME	SAME		TEXAS 2			13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1508120360	KMU 13-4 (HUNGATE A-4) WSW	1.00000	N/A	SAME	SAME	KS	HASKELL 1		29S 34	34W		LANSING	PANTERA ENERGY COMPANY
3513921101	KEENAN B-1	1.00000	0.875000	SAME	SAME		TEXAS 3	36 4		13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1508121347	KMU 13-3 (HUNGATE A-7)	1.00000	0.875000	SAME	SAME		HASKELL 1			34W		multiple	PANTERA ENERGY COMPANY
3500722292	ISAAC A-2	0.887500	0.702406	SAME	SAME		BEAVER 1			21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1505521176	ISABELLE 1-19	0.00000	0.125000	SAME	SAME						NWSWNE		BEREXCO LLC
1505522565	ISABELLE 2-19	0.00000	0.125000	SAME	SAME	KS			23S 34	34W			BEREXCO LLC
1512920025	JOHNS 1-3	0.00000	0.082030	SAME	SAME		z			41W		MORROW	EXTREME ENERGY CO.
1505500810	1 NOSNHOL	1.00000	0.875000	SAME	SAME		FINNEY 1	16 2		33W S	SWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520825	JOHNSON 2-16	1.00000	0.875000	SAME	SAME						SESWNW	DEEP	PANTERA ENERGY COMPANY
1505500466	JONES 1	1.00000	0.875000	SAME	SAME		FINNEY 2			34W N	NWSE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520296	JONES 2	1.00000	0.875000	SAME	SAME				24S 34			3	
1505520830	JONES 3-2	1.000000	0.875000	SAME	SAME						NESE	CHASE GROUP	PANTERA ENERGY COMPANY
3500721257	JONES A-1	0.875000	0.723515	SAME	SAME							MORROW &	PANTERA ENERGY COMPANY
1505500412	1 OSS 1	1.00000	0.875000	SAME	SAME	Γ					NWSE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520355	JOSS 2	0.50000	0.437500	SAME	SAME						N2	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY
1505521439	E SSOT	1.00000	0.875000	SAME	SAME	KS				34W SI	SENW	CHASE	PANTERA ENERGY COMPANY
1505500475	KANSAS 1	1.00000	0.875000	SAME	SAME						SWSWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520332	KANSAS 2	1.00000	0.875000	SAME	SAME			11 2	24S 34		SW	Ψ	PANTERA ENERGY COMPANY
1505520747	KANSAS 3-11	1.00000	0.875000	SAME	SAME	KS F	FINNEY 1			34W N	NE	DEEP	PANTERA ENERGY COMPANY
1517521351	KEATING-STEPHENS 5-2	0.101525	0.080637	SAME	SAME	KS S	SEWARD 2			34W N	NWSW	CHESTER	EDISON OPERATING COMPANY LLC
1517521637	KEATING-STEPHENS 6-2	0.101390	0.081112	SAME	SAME	KS S	SEWARD 2			34W		CHASE	EDISON OPERATING COMPANY LLC
1517521747	KEATING-STEPHENS A-5	0.539000	0.463454	SAME	SAME		0			34W		MORROW	PANTERA ENERGY COMPANY
3513922779	KEENAN B-3	1.00000	0.875000	SAME	SAME		TEXAS 3				NN	ATOKA	PANTERA ENERGY COMPANY
1508120367	KMU 12-2 (CHARLES 2-12) WIW	1.00000	0.875000	SAME	SAME	KS F	L	12 2	29S 34	34W		multiple	PANTERA ENERGY COMPANY
1508120370	KMU 13-2 (HUNGATE 5-13)	1.00000	0.875000	SAME	SAME		HASKELL 1			34W			PANTERA ENERGY COMPANY
1508120847	KMU 13-5 (HUNGATE A-6) WIW	1.00000	0.875000	SAME	SAME					Mt		ATON	PANTERA ENERGY COMPANY
1517510140	KELLER 1-25	1.00000	0.875000	SAME	SAME					32W		LOWER	PANTERA ENERGY COMPANY
1517521616	KELLER D-1 (L MORROW)	1.00000	0.875000	SAME	SAME					32W		LOWER	PANTERA ENERGY COMPANY
1508120190	KMU 14-1 (YUNCKER 2-14)	1.00000	0.875000	SAME	SAME					34W		MARMATON	PANTERA ENERGY COMPANY
3500723224	LAW D-1	0.966535	0.787069	SAME	SAME					22E		CHESTER	PANTERA ENERGY COMPANY
3500722697	LAW FARMS 1-21	0.728016	0.593271	SAME	SAME		BEAVER 2:			22E		CHESTER	PANTERA ENERGY COMPANY
3500722974	LAW FARMS 3-21	0.746098	0.607963	SAME	SAME					22E			PANTERA ENERGY COMPANY
1505500393	LEAVITT 1	1.00000	0.875000	SAME	SAME		FINNEY 1		23S 34	34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520381	LEAVITT 3	1.00000	0.875000	SAME	SAME		FINNEY 1				W2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520740	LEAVITT 4-17	1.00000	0.875000	SAME	SAME		FINNEY 1				NE	DEEP	PANTERA ENERGY COMPANY
1505500622	LEE 1	1.00000	0.875000	SAME	SAME		FINNEY 3:			34W SI	SENW		PANTERA ENERGY COMPANY
1505520300	LEE 2	0.80000	0.683594	SAME	SAME	KS	FINNEY 3:	32 2			W2E2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1508120233	KMU 14-2 (YUNCKER 5-14)	1.00000	0.875000	SAME	SAME		HASKELL 1-			34W			PANTERA ENERGY COMPANY
1508120846	KMU 14-3 (YUNCKER A-8)	1.00000	0.875000	SAME	SAME					34W		MARMATON	PANTERA ENERGY COMPANY
1517521584	LEMON TRUST B-1 (MORROW)	1.00000	0.759453	SAME	SAME			32 3.		32W		LOWER	PANTERA ENERGY COMPANY
1517521725	LEMON TRUST B-2 (CHESTER)	1.000000	0.759453	SAME	SAME	KS S	SEWARD 3:		34S 32	32W		CHESTER	PANTERA ENERGY COMPANY

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3513930209	LEVALLEY A-1	1.000000	0.875000	ISAME	SAME	XO	TEXAS	19	6N	13E	IMORROW C	PANTERA ENERGY COMPANY
1517520231	LIGHT 1-5	0.00000	0.125000	SAME	SAME	Γ				32W	LOWER	EDISON OPERATING COMPANY LLC
1505500727	LOCKWOOD 1	1.000000	0.875000	SAME	SAME	Γ		14		34W NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520298	LOCKWOOD 2	1.00000	0.875000	SAME	SAME	Γ					COUNCIL GROVE	
1505520823	LOCKWOOD 3-14	1.00000	0.875000	SAME	SAME	KS					DEEP	
3500721962	LOEPP B-1	1.00000	0.781498	SAME	SAME	Г		34 5			UPPER CHESTER	
1518921778	LOFLIN A-2	0.566093	0.495331	SAME	SAME	Γ	STEVENS	1	33S 3	38W	LOWER	PANTERA ENERGY COMPANY
1508121350	KMU 14-5 (YUNCKER A-9) WIW	1.00000	0.875000	SAME	SAME	KS	HASKELL	14 2	29S 3	34W	multiple	PANTERA ENERGY COMPANY
1508120854	KMU 14-6 (YUNCKER B-2) WIW	1.00000	0.875000	SAME	SAME		HASKELL	14 2	29S 3	34W SWNENE	MARMATON	PANTERA ENERGY COMPANY
1509321492	LOUCKS A-3	0.750000	0.656250	SAME	SAME	KS K	KEARNY	18 2	24S 3	36W NWNE	CHASE	PANTERA ENERGY COMPANY
1509300443	LOUCKS A-1	0.750000	0.656250	SAME	SAME	KS K	KEARNY	18 2	24S 3	36W E2E2SW	CHASE GROUP	PANTERA ENERGY COMPANY
1509320382	LOUCKS A-2	0.750000	0.656250	SAME	SAME			18 2		36W SWNW	COUNCIL GROVE	E PANTERA ENERGY COMPANY
1509300432	LOUCKS B-1	0.750000	0.656250	SAME	SAME		KEARNY			36W SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1509321496	LOUCKS B-3	0.750000	0.656250	SAME	SAME	KS	KEARNY			36W NENE	CHASE	PANTERA ENERGY COMPANY
3500724365	LOWREY A-1 (B CHESTER)	1.00000	0.812500	SAME	SAME		BEAVER	36 5		20E	BASAL CHESTER	PANTERA ENERGY COMPANY
3500722247	LYNCH 1-1	0.252886	0.205470	SAME	SAME			1 4		21E	CHESTER	MONTEREY PRODUCTION COMPANY LLC
3500721924	LYNCH C-1	0.983430	0.831616	SAME	SAME			27 5		21E	UPPER CHESTER	
1517521124	MAHONEY A-1	1.00000	0.875000	SAME	SAME		SEWARD :	27 3	34S 3	34W	ST. LOUIS	PANTERA ENERGY COMPANY
1517521388	MALIN A-3	1.00000	0.875000	SAME	SAME		SEWARD	34 3	33S 3	34W	CHESTER	PANTERA ENERGY COMPANY
1517521633	MALIN A-4	1.00000	0.875000	SAME	SAME		SEWARD	34 3	33S 3	34W	LOWER	PANTERA ENERGY COMPANY
1517521691	MALIN B-1 (U MORROW)	1.00000	0.812500	SAME	SAME		SEWARD			32W	UPPER MORRO	UPPER MORROW PANTERA ENERGY COMPANY
3500721328	MANSFIELD A 1 ST 6321	0.250000	0.205790	SAME	SAME					22E	CHESTER	NATURAL GAS ANADARKO COMPANY
1517520498	MARCELLUS A-1	1.00000	0.875000	SAME	SAME	KS S	122.0	23 23		34W	CHESTER 2	PANTERA ENERGY COMPANY
1508120909	KMU 14-7 (YUNCKER B-3) WIW	1.00000	0.875000	SAME	SAME		HASKELL			34W	CHESTER	PANTERA ENERGY COMPANY
3513922723	KREY D-1 (MORROW F)	1.00000	0.875000	SAME	SAME					12E	MORROW F	PANTERA ENERGY COMPANY
3513922769	KREY D-2 (MORROW F)	1.000000	0.875000	SAME	SAME					12E	MORROW F	PANTERA ENERGY COMPANY
1517530014	MCAHREN A-1	1.00000	0.859375	SAME	SAME	KS S				33W	LOWER	
1517520060	MCAHREN B-1	1.00000	0.859375	SAME	SAME		0			33W	UPPER CHESTER	
3513922404	MCCLANAHAN 3-32	1.000000	0.878955	SAME	SAME	OK T		32 6		12E	MORROW C	PANTERA ENERGY COMPANY
1517510148	MCCLURE E-1	1.000000	0.875000	SAME	SAME			5	34S 3	31W	LOWER	PANTERA ENERGY COMPANY
1517521613	MCCLURE I-1 (L MORROW)	1.00000	0.875000	SAME	SAME			5		31W	LOWER	PANTERA ENERGY COMPANY
1517520424	MCGEE 2	0.000000	0.109375	SAME	SAME		_					EXTREME ENERGY CO.
1505500482	MCGONIGAL 1	1.00000	0.875000	SAME	SAME						CHASE GROUP	
1505520277	MCGONIGAL 1-2	1.000000	0.875000	SAME	SAME	KS					COUNCIL GROVE	
1505520750	MCGONIGAL 3-18	1.000000	0.875000	SAME	SAME			18 2		34W NENW	DEEP	PANTERA ENERGY COMPANY
1517530082	LEMERT A-1	1.000000	0.875000	SAME	SAME		0	4		34W	TORONTO 2	PANTERA ENERGY COMPANY
3513922888	LONG C-1 (CHEROKEE)	1.000000	0.812500	SAME	SAME		TEXAS	12 4		13E	CHEROKEE	PANTERA ENERGY COMPANY
3513922852	LONG D-1 (U MORROW)	1.000000	0.812500	SAME	SAME		TEXAS	4		14E	UPPER MORRO	>
1517521743	LEMERT C-1 (B CHESTER)	1.00000	0.875000	SAME	SAME	KS S				33W	BASAL CHESTER	
1517520510	MATKIN A-1	1.00000	0.850220	SAME	SAME					34W	CHESTER	PANTERA ENERGY COMPANY
1517521749	MATKIN A-3 (SWD)	1.000000	N/A	SAME	SAME		SEWARD	34 34	34S 3	34W SESW		PANTERA ENERGY COMPANY
3513935820	MCMURRY A-1	0.632261	0.550345	SAME	SAME	OK T	TEXAS	16 6	6N 1	10E	TOPEKA 2	PANTERA ENERGY COMPANY
1517521199	MEHL A-2	1.00000	0.859375	SAME	SAME		SEWARD :	26 3	34S 3	34W	ST. LOUIS	PANTERA ENERGY COMPANY
3513920796	MESSINGER A-1	1.00000	0.875002	SAME	SAME	ok T	TEXAS	13 4	4N 1	12E	UPPER MORRO	UPPER MORROW PANTERA ENERGY COMPANY
3500722331	MATKIN B-1 (U MORROW)	0.750000	0.609375	SAME	SAME			9		20E	UPPER CHESTER	
1518922431	METTS A-4	0.50000	0.437500	SAME	SAME		STEVENS	11 3		38W	ST. LOUIS	PANTERA ENERGY COMPANY
1518922437	METTS A-5	1.00000	0.950000	0.500000	0.512500	KS S		12 3			MORROW	PANTERA ENERGY COMPANY
1517520526	MCHARGUE A-2	1.000000	0.875000	SAME	SAME			2 3		34W NESW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521681	MILHON B-1 (CHESTER)	1.00000	0.812500	SAME	SAME	KS S		4 3		32W	CHESTER	PANTERA ENERGY COMPANY
1010000000	MII HON B_2	1 00000	0.812500	SAME	CAME		CONTRACT	•				

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1517520856	MCHARGUE A-3 (OIL)	1.000000	0.875000	SAME	SAME	KS SEV	SEWARD 2	335	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521652	MCHARGUE A-4 (ST LOUIS)	1.00000	0.875000	SAME	SAME		SEWARD 2			SW	STLIDUIS	PANTERA ENERGY COMPANY
1517522286	MCHARGUE A-5	1.00000	0.875000			Γ					ST. LOUIS	PANTERA ENERGY COMPANY
1517522287	MCHARGUE A-6	1.00000	0.875000			Γ	SEWARD 2	335			ST. LOUIS	PANTERA ENERGY COMPANY
1508121061	MLP BLACK 2-3	0.000000	0.051693	SAME	SAME	KS HAV	HASKELL 3	305	S 34W		CHESTER	EDISON OPERATING COMPANY LLC
1508121459	MLP BLACK 3-2	0.250000	0.246914	SAME	SAME		HASKELL 2	30	5 34W	SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121067	MLP BLACK 3-3	0.00000	0.051693	SAME	SAME	KS HA	HASKELL 3	305	5 34W		CHESTER	EDISON OPERATING COMPANY LLC
1508121499	MLP BLACK 4-2	0.250000	0.246914	SAME	SAME		HASKELL 2	30		E SE SW		EDISON OPERATING COMPANY LLC
1508121068	MLP BLACK 4-3	0.00000	0.051693	SAME	SAME		HASKELL 3		5 34W		BASAL CHESTER	EDISON OPERATING COMPANY LLC
1508121158	MLP BLACK 5 3	0.50000	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					NW SW		EDISON OPERATING COMPANY LLC
1508121220	MLP CLAWSON TRUST 2 35	0.250000	0.296250	SAME	SAME					NW NW		EDISON OPERATING COMPANY LLC
1508121505	MLP CLAWSON TRUST 4-34	0.00000	0.051693	SAME	SAME	KS HA	HASKELL 34		S 34W	NWSW	CHESTER	EDISON OPERATING COMPANY LLC
1508121422	MLP CLAWSON TRUST 4-35	0.250000	0.296250	SAME	SAME	KS HA	HASKELL 35		S 34W	SESW	CHESTER	CHESAPEAKE OPERATING INCORPORATED
1517521730	MCHARGUE B-1	1.000000	0.836778	SAME	SAME		SEWARD 14		S 34W		TORONTO	PANTERA ENERGY COMPANY
1518922381	MLP CLOSE E-1	0.512054	0.482526	SAME	SAME		STEVENS 34		39W			PANTERA ENERGY COMPANY
1518921336	METTS A-2	1.000000	0.912500	SAME	SAME				38W		LOWER	PANTERA ENERGY COMPANY
1518922449	METTS A-6	0.50000	0.512500	SAME	SAME		STEVENS 12			MN	ST. LOUIS	PANTERA ENERGY COMPANY
1517521231	MLP BAUGHMAN A	0.862500	0.755000	SAME	SAME				5 34W		MARMATON	PANTERA ENERGY COMPANY
1518921559	MLP KANSAS UNIVERSITY A-1	0.862500	0.755616	SAME	SAME		STEVENS 20		S 38W		MORROW	PANTERA ENERGY COMPANY
1508121058	MLP LEATHERS LAND 2-10	0.00000	0.051693	SAME	SAME	KS HA	HASKELL 10		5 34W		MORROW	EDISON OPERATING COMPANY LLC
1508121230	MLP LESLIE 1-26	0.50000	0.465000	SAME	SAME		HASKELL 26		5 34W	SESE	ST. GENEVIEVE	CHESAPEAKE OPERATING INCORPORATED
1517521374	MLP BAUGHMAN B-1, NOW MLP BAUGHMAN "C" 1	0.862500	0.755000	SAME	SAME		SEWARD 18		5 34W		CHESTER	PANTERA ENERGY COMPANY
1508121236	MLP BLACK 1 2	0.50000	0.443828	SAME	SAME		HASKELL 2	30	5 34W	MN MN		EDISON OPERATING COMPANY LLC
1508121444	MLP BLACK 2-2	0.50000	0.443828	SAME	SAME		HASKELL 2		5 34W	MM	CHESTER,	EDISON OPERATING COMPANY LLC
1518922330	MLP CLOSE A-1	0.512054	0.474643	SAME	SAME		STEVENS 34		39W	NESW		PANTERA ENERGY COMPANY
1518922316	MLP CORNELL UNIVERSITY A-1	0.612500	0.490000	SAME	SAME	KS STE				SW SW		PANTERA ENERGY COMPANY
1508121172	MLP SANTALA 2-26	0.50000	0.465000	SAME	SAME		HASKELL 26		34W	SE SW NE		EDISON OPERATING COMPANY LLC
1508121170	MLP SANTALA 3-26	0.50000	0.465000	SAME	SAME						MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508120858	MLP SANTALA A-1-26	0.50000	0.465000	SAME	SAME		HASKELL 26				KANSAS CITY	EDISON OPERATING COMPANY LLC
1508121151	MLP SCHNELBACHER TRUST 1-4	0.500000	0.465000	SAME	SAME		HASKELL 4	30S			MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508121187	MLP SCHNELBACHER TRUST 2-4	0.500000	0.465000	SAME	SAME		HASKELL 4			N2SWSE	MERAMEC	CHESAPEAKE OPERATING INCORPORATED
1508121200	MLP SCHNELBACHER TRUST 3-4	0.50000	0.465000	SAME	SAME			30S			MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1518922338	MLP SHANK A-1	0.000000	0.065000	SAME	SAME		STEVENS 31		38W	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	0.00000	0.065000	SAME	SAME						CHESTER	EDISON OPERATING COMPANY LLC
1508121232	MLP WINSTED A-6	0.000000	0.065000	SAME	SAME	KS HA	_		34W	SE SE SE	ST. LOUIS	DARRAH OIL COMPANY LLC
1506/21115	MLP GILMORE 'A' 1	0.862500	0.755000	SAME	SAME		GRANT 26	30S		SW NW SE	CHESTER	PANTERA ENERGY COMPANY
1518922311	MLP YOUNGREN B-1	0.000000	0.065000	SAME	SAME					NW SW		PIONEER NATURAL RESOURCES USA, INC.
1517521449	MLP YOUNG TRUST 1-5	0.500000	0.465001	SAME	SAME	KS SEV	SEWARD 5	31	34W	C SE SW	BSL CHESTER	PANTERA ENERGY COMPANY
1505500583	MOODY 1 (SWD)	1.000000	N/A	SAME	SAME	KS FIN	FINNEY 29	255	33W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520297	MOODY 2	1.000000	0.875000	SAME	SAME	KS FIN	FINNEY 29		33W	SESENW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520826	MOODY, EC 3-29	1.000000	0.875000	SAME	SAME					SESENE	DEEP	
1505522327	MOODY, EC 4-29	1.000000	0.875000	SAME	SAME				33W	SE SW NW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505522352	MOODY, EC 5-29	1.000000	0.875000	SAME	SAME	KS FIN			33W	SE NE NW SW	PAWNEE,	PANTERA ENERGY COMPANY
1518922303	MLP SIMMONS A 1	0.612500	0.490000	SAME	SAME		STEVENS 15	325		WW NW		PANTERA ENERGY COMPANY
1505522415	MOODY, EC 6-29	1.000000	0.875000	SAME	SAME		FINNEY 25		33W	SE NW SW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505500718	MOODY, WM 1	1.000000	0.875000	SAME	SAME					SENW	CHASE GROUP	PANTERA ENERGY COMPANY
3500722659	MORRIS LEON 1-12	0.978820	0.768746	SAME	SAME	OK BEA	BEAVER 12			NE	CHESTER	PANTERA ENERGY COMPANY
1505521573	MOWBRAY 3	0.625000	0.546875	SAME	SAME	KS FINNEY	NEY 8	26S	33W	SWSE	CHASE	PANTERA ENERGY COMPANY

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19000CCDCT	MOWBRAY 1	0.625000	0.546875	SAME	SAME		FINNEY	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	26S	33W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520357	MOWBRAY 2	0.625000	0.546875	SAME	SAME	KS			265	33W	N2	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY
1518921182	MYRICK A-1	1.00000	0.875000	SAME	SAME		S	25	335	35W		MORROW	PANTERA ENERGY COMPANY
1518922149	MYRICK A-2 (L MORROW)	1.00000	0.875000	SAME	SAME			25	33S	35W		LOWER	PANTERA ENERGY COMPANY
1505520267	MOODY, WM 2-5	0.936564	0.803087	SAME	SAME	KS	FINNEY	5	26S	34W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1517520410	NIX D-1	1.00000	0.875000	SAME	SAME	KS S	SEWARD	27	33S	34W		MORROW	PANTERA ENERGY COMPANY
1517521571	NIX K-1 (CHESTER)	1.000000	0.875000	SAME	SAME	KS S	SEWARD	33	33S	34W		CHESTER	PANTERA ENERGY COMPANY
1505500729	NOLAN 1	1.00000	0.875000	SAME	SAME	KS F	FINNEY	16	265	34W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1.505520268	NOLAN 2	1.00000	0.875000	SAME	SAME	KS F	FINNEY	16	26S	34W	SESENW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520824	NOLAN 4-16	1.00000	0.875000	SAME	SAME		FINNEY	16	265	34W	SWSESW	DEEP	PANTERA ENERGY COMPANY
1505500692	NOLAN B-1	1.00000	0.875000	SAME	SAME	KS		13	26S	33W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520895	NOLAN B-2-13	1.00000	0.875000	SAME	SAME		FINNEY	13	265	33W	WNWN	CHASE GROUP	PANTERA ENERGY COMPANY
1505520835	OHMES 2-22	1.00000	0.875000	SAME	SAME			22	265	32W	WNWN	DEEP	PANTERA ENERGY COMPANY
3500722170	PATTERSON C-1	0.718750	0.594727	SAME	SAME		BEAVER	36	SN	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724304	PATTERSON COMPANY A 1-27	1.00000	0.844044	SAME	SAME	Γ	BEAVER	27	SN	21E	NE	CHESTER	PANTERA ENERGY COMPANY
3500722105	PENNER B-1	0.468750	0.397339	SAME	SAME	о К	BEAVER	35	SN	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518921612	PERRY A-2	1.00000	0.812500	SAME	SAME	Γ	STEVENS	4	33S	38W		LOWER	PANTERA ENERGY COMPANY
1518921555	PERRY B-1	1.00000	0.875000	SAME	SAME			4	33S	38W		LOWER	PANTERA ENERGY COMPANY
1509300092	PIEPER 1-20	0.983398	0.806694	SAME	SAME		KEARNY	20	23S	35W		CHASE	PANTERA ENERGY COMPANY
1509321538	PIEPER A-2H (INFILL)	0.983398	0.806694	SAME	SAME				235	35W		CHASE	PANTERA ENERGY COMPANY
1505520584	PINEY 3	1.00000	0.875000	SAME	SAME				23S	34W	MM	DEEP	PANTERA ENERGY COMPANY
1505520601	PINEY 5	1.00000	0.875000	SAME	SAME				23S	34W	SW	DEEP	PANTERA ENERGY COMPANY
1505520828	MOODY, WM 3-5	1.000000	0.875000	SAME	SAME			5	265	34W	NWSE	DEEP	PANTERA ENERGY COMPANY
1505522569	MOODY, EC 7-29	1.00000	0.875000	SAME	SAME				255	33W	NE NW NW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521400	MORGAN N-1	1.000000	0.901042	SAME	SAME	KS S			32S	33W		CHESTER	PANTERA ENERGY COMPANY
1505500467	POTTER 1	1.00000	0.875000	SAME	SAME			8	24S	34W	SWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520324	POTTER 2	1.000000	0.875000	SAME	SAME				24S	34W	NWSW	COUNCIL GROVE	-
1505520744	POTTER 3-3	1.00000	0.875000	SAME	SAME	KS FI	FINNEY	3	24S	34W	NENE	UNKNOWN	PANTERA ENERGY COMPANY
1505520833	POTTER 4-3	1.00000	0.875000	SAME	SAME	KS FI	FINNEY	3	24S	34W	SENE	DEEP	PANTERA ENERGY COMPANY
1505520485	POTTER D-2	1.00000	0.863281	SAME	SAME		FINNEY	21	255	32W	SWNE	SAINT LOUIS	PANTERA ENERGY COMPANY
1505520615	POTTER D-3	1.000000	0.875000	SAME	SAME		FINNEY	21	255	32W	SZNWNE	CHASE	PANTERA ENERGY COMPANY
1505520425	POTTER, UI D-1	1.00000	0.875000	SAME	SAME		FINNEY	21	255	32W	NWSE	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY
3513935247	POWELL (SWD)	1.00000	N/A	SAME	SAME	OK T	TEXAS	23	4N	13E			PANTERA ENERGY COMPANY
3513935830	POWELL B-1	0.969557	0.851692	0.9340098	0.82477681		TEXAS :	25	6N	12E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920769	POWELL C-1	1.00000	0.875000	SAME	SAME			35	4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517520860	POWELL D-2	0.50000	0.437500	SAME	SAME		D	26	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
3513920251	PRICE C-1	1.000000	0.875000	SAME	SAME		TEXAS	9	4N	14E		CHEROKEE	PANTERA ENERGY COMPANY
3513921200	PRICE D-2	0.750000	0.656250	SAME	SAME			9	4N	14E		CHEROKEE	PANTERA ENERGY COMPANY
1517521317	MORGAN B-2 (ST LOUIS)	1.000000	0.901042	SAME	SAME			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	OK T	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	1.00000	0.808438	SAME	SAME		BEAVER :	23	6N	23E		L MORROW & U	PANTERA ENERGY COMPANY
1517521332	MORGAN B-3 (ST LOUIS)	1.00000	0.901042	SAME	SAME		SEWARD 8	8	32S	33W		ST. LOUIS	PANTERA ENERGY COMPANY
1505500385	RAMSEY 1	0.250000	0.218750	SAME	SAME			10	23S	34W		CHASE	SCOUT ENERGY MANAGEMENT LLC
1505521254	RAMSEY GAS UNIT 2HI -1	0.250000	0.218750	SAME	SAME	KS FI		10	23S	34W	NESWSW	CHASE	SCOUT ENERGY MANAGEMENT LLC
1518921609	RATCLIFF B-2	1.000000	0.875000	SAME	SAME			18	33S	37W		LOWER	PANTERA ENERGY COMPANY
1518922148	RATCLIFF B-3 (L MORROW)	1.000000	0.875000	SAME	SAME			18	33S	37W		LOWER	PANTERA ENERGY COMPANY
3500722579	RAVENSCROFT 13-2	0.00000	0.015625	SAME	SAME				2N	20E	SWSW		HUNTINGTON ENERGY LLC
1506721233	RAY 1-35	0.215625	0.237500	SAME	SAME	KS G	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 2	24 4	4N 1	12E		MORROW	PANTERA ENERGY COMPANY
1505520691	REEVE FEDERAL 32-2	1.00000	0.875000	SAME	SAME	KS	>				SESE	CHASE GROUP	PANTERA ENERGY COMPANY
3500722104	PLETT B-1	0.984375	0.816895	SAME	SAME		~					UPPER CHESTER	PANTERA ENERGY COMPANY
1505510017	REEVE, CL 2	1.000000	0.875000	SAME	SAME		FINNEY 7			34W NE	NENW	MORROW-MISS	PANTERA ENERGY COMPANY
3500724321	PLETT TRUST A-1 (CHESTER)	1.000000	0.781498	SAME	SAME	OK B	BEAVER 2	20 5	SN 2	21E		CHESTER	PANTERA ENERGY COMPANY
1517520009	RICE A-1 (MORROW)	1.000000	0.875000	SAME	SAME	KS S	SEWARD 2	27 3	33S 3	33W		LOWER	PANTERA ENERGY COMPANY
1505500685	RIGGS 1	0.181053	0.158422	SAME	SAME		FINNEY 6	6 2	26S 3	33W SE	SESW	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION
1505520786	RIGGS 1-2	0.181053	0.158422	SAME	SAME	KS F	FINNEY 5	5 2	26S 3	33W SE	SENW		CASILLAS PETROLEUM CORPORATION
1505520396	RIGGS A-1	0.181054	0.158422	SAME	SAME		FINNEY 6	6 2	26S 3	33W S2		COUNCIL GROVE	CIMAREX ENERGY COMPANY
3513935832	RILEY E-1	1.000000	0.875000	SAME	SAME		TEXAS 3	36 6	6N 1	12E		MORROW C	PANTERA ENERGY COMPANY
1517521594	ROCO BLASER 1-29	0.468750	0.370313	SAME	SAME	KS S	SEWARD 2	29 3	34S 3		MNWN	MORROW	EDISON OPERATING COMPANY LLC
3513935253	ROGER 1-18	1.000000	0.875000	SAME	SAME		TEXAS 1			13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517521197	ROONEY B 1-7	0.00000	0.017515	SAME	SAME		Γ			34W			BEREXCO LLC
1517521217	ROONEY B 2-7	0.00000	0.017515	SAME	SAME		SEWARD 7		31S 3.	34W			BEREXCO LLC
1517521381	ROONEY B 3-7	0.000000	0.017515	SAME	SAME		SEWARD 7		31S 3.	34W			BEREXCO LLC
1517521471	ROONEY B 4-7	0.00000	0.017515	SAME	SAME		SEWARD 7			34W			MCCOY PETROLEUM CORPORATION
1509300354	ROTH 1-7	0.184711	0.164971	SAME	SAME		KEARNY 7			38W SE		CHASE	SCOUT ENERGY MANAGEMENT LLC
1505521234	ROTH 1-9	0.000000	0.175000	SAME	SAME	Γ	FINNEY 9						HARRIS OIL & GAS COMPANY
1505521425	ROTH 2-9	1.00000	0.875000	SAME	SAME						SWSWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
3500724440	SAGER 2	0.00000	0.013672	SAME	SAME	Γ	Γ					CHESTER	MONTEREY PRODUCTION COMPANY LLC
1517521360	MORGAN K-1A -CMNGLD-	1.000000	0.901042	SAME	SAME	Γ					W SE SE NE	CHESTER. ST	PANTERA ENERGY COMPANY
1517521413	SANTA FE E-1	1.00000	0.750000	SAME	SAMF	Г					NENW	CHESTER	PANTERA ENERGY COMPANY
1517521441	SANTA FE E-2	1.00000	0.750000	SAME	SAME	Г			325 3			CHESTER	PANTERA ENERGY COMPANY
1517521456	SANTA FE E-3	1.00000	0.750000	SAME	SAME	Г				33W		CHESTER	PANTERA ENERGY COMPANY
1517521566	SANTA FE E-4 (ST GENEVIEVE)	1.00000	0.750000	SAME	SAME	Ks			32S 3	33W		ST. GENEVIEVE	PANTERA ENERGY COMPANY
1517521465	SANTA FE E-S (SWD)	1.00000	N/A	SAME	SAME	Γ				33W		PERMIAN	PANTERA ENERGY COMPANY
1517521748	SANTA FE LAND A-4 (CHESTER)	1.00000	0.750000	SAME	SAME					33W		CHESTER	PANTERA ENERGY COMPANY
3500736461	SARGENT GEORGE A-2	0.00000	0.015625	SAME	SAME					20E		MORROW-	HUNTINGTON ENERGY LLC
1505500582	SCHEER 1	1.00000	0.875000	SAME	SAME					33W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520319	SCHEER 2	1.00000	0.875000	SAME	SAME						SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520831	SCHEER 3-28	1.00000	0.875000	SAME	SAME		FINNEY 2		25S 3	33W SE	SENWSE	DEEP	PANTERA ENERGY COMPANY
3513920209	SHACKELFORD A -1	1.00000	0.875000	SAME	SAME					13E		CHEROKEE 2	PANTERA ENERGY COMPANY
3513922913	SHACKELFORD A-2 (CHEROKEE)	1.00000	0.875000	SAME	SAME	OK T		22 4		13E		CHEROKEE	PANTERA ENERGY COMPANY
1505500479	SHARER 1	1.00000	0.875000	SAME	SAME					34W NE	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520737	SHARER 3-15	1.00000	0.875000	SAME	SAME						SWSE	DEEP	PANTERA ENERGY COMPANY
1505520342	SHARER D-1-15	1.000000	0.875000	SAME	SAME				24S 3.	34W NV	NWNW	COUNCIL GROVE	PANTERA ENERGY COMPANY
3513921144	SHAWVER A-1	1.000000	0.875000	SAME	SAME		TEXAS 1			12E		UPPER MORROW	PANTERA ENERGY COMPANY
3513921488	SHAWVER A-2	1.000000	0.875000	SAME	SAME		TEXAS 1		3N 1.	12E		MORROW &	PANTERA ENERGY COMPANY
1518920427	SHELL 3-13	0.878052	0.768539	SAME	SAME	KS S				38W		LOWER	PANTERA ENERGY COMPANY
3500724329	PLETT TRUST B-1 (CHESTER)	0.735797	0.628493	SAME	SAME					21E		CHESTER	PANTERA ENERGY COMPANY
1517521674	PRIEFERT D-1 (U LANSING)	1.00000	0.875000	SAME	SAME	KS SI		35 3		33W		UPPER LANSING	PANTERA ENERGY COMPANY
3500723011	RADKE A-1	1.00000	0.875000	SAME	SAME					20E		LOWER CHESTER	PANTERA ENERGY COMPANY
1505500623	SINN 1	1.00000	0.875000	SAME	SAME	KS				34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520299	SINN 2	0.900000	0.771094	SAME	SAME		FINNEY 3			34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520843	SINN 3	1.00000	0.875000	SAME	SAME	KS FI	FINNEY 3	33 2	25S 3.	34W		DEEP	PANTERA ENERGY COMPANY
3513901110	SMITH 1-26	1.00000	0.875000	SAME	SAME		TEXAS 2	26 4	4N 1	13E		MORROW	PANTERA ENERGY COMPANY
3500724362	SMITH AC-1 (UPPER CHESTER)	1.000000	0.812500	SAME	SAME		BEAVER 7		4N 2:	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1505520839	REEVE 4-7	1.000000	0.875000	SAME	SAME						NENE	DEEP	PANTERA ENERGY COMPANY
3500724397	SMITH AF-1-17	0.500000	0.406250	SAME	SAME	0X B	BEAVER 1		4N 2:	21E		BASAL CHESTER	PANTERA ENERGY COMPANY
3513922951	SMITH AG-1	1.000000	0.875000	SAME	SAME		TEXAS 3	30 4	4N 11	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY

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1505500720	REEVE GAS UNIT 1	1.000000	0.875000	SAME	SAME		FINNEY	7	26S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520266	REEVES GAS UNIT 2	1.000000	0.875000	SAME	SAME	ß	FINNEY	7	26S	34W	NWSE	12	PANTERA ENERGY COMPANY
1518922441	SMITH F-5	0.924652	0.803943	SAME	SAME	Γ	STEVENS	25	31S	39W	SE	ST. LOUIS	PANTERA ENERGY COMPANY
3513924119	SMITH L-1	1.000000	0.875000	SAME	SAME		TEXAS	S	3N	14E	NW NE SW NE	LOWER	PANTERA ENERGY COMPANY
3513924122	SMITH M-1	1.000000	0.875000	SAME	SAME	Хо	TEXAS	18	4N	13E	S S NE SE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1518922398	SMITH F-4	0.924652	0.803943	SAME	SAME	Γ	STEVENS	36	31S	39W	NE	ST. LOUIS	PANTERA ENERGY COMPANY
3500724376	SMITH TRUST AE-1	1.000000	0.812500	SAME	SAME	ок	BEAVER		4N	21E		BASAL CHESTER	PANTERA ENERGY COMPANY
3500722754	SMITH W-1	1.000000	0.812500	SAME	SAME	Х	BEAVER	17	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500722857	SMITH X-1	1.000000	0.812500	SAME	SAME		BEAVER	5	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518921393	SMITH, RL 1	0.500000	0.381250	SAME	SAME		STEVENS	15	34S	39W		MORROW	EDISON OPERATING COMPANY LLC
3500721686	SMYRES 1	0.230000	0.167500	SAME	SAME		BEAVER	16	SN	21E		CHESTER	OIL FIELD PRODUCTION INC
1508121071	SOUTH EUBANK WATERFLOOD A-2	0.138641	0.173004	SAME	SAME	KS	HASKELL	10	30S	34W		CHESTER/MORRO	CHESTER/MORRO EDISON OPERATING COMPANY LLC
1508121071	SOUTH EUBANK WATERFLOOD A-2 (A/K/A LEATHERS LAND 40.138641	0.138641	0.173004	SAME	SAME		HASKELL	10	30S	34W	N SE SE NW		EDISON OPERATING COMPANY LLC
1508121076	SOUTH EUBANK WATERFLOOD A-3	0.138641	0.173004	SAME	SAME	Γ	HASKELL	10	30S	34W		CHESTER/MORRO	CHESTER/MORRO EDISON OPERATING COMPANY LLC
1508121078	SOUTH EUBANK WATERFLOOD A-4 (A/K/A MURPHY D-4)	0.138641	0.173004	SAME	SAME	Γ	HASKELL	34	295	34W	SW NW NW		EDISON OPERATING COMPANY LLC
1508121078	SOUTH EUBANK WATERFLOOD D-4	0.138641	0.173004	SAME	SAME	KS	HASKELL	34	29S	34W		CHESTER/MORRO	CHESTER/MORRO EDISON OPERATING COMPANY LLC
3500724400	SMITH TRUST AE-3	1.000000	0.812500	SAME	SAME	Xo	BEAVER	60	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1505500546	SPENCE 1	1.000000	0.875000	SAME	SAME	Γ	Γ	28	255	32W	NENESW	—	PANTERA ENERGY COMPANY
1505520837	SPENCE 2-28	1.000000	0.875000	SAME	SAME		FINNEY	28	255	32W	SWNENE	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY
1505521492	SPENCE 3	1.000000	0.875000	SAME	SAME		FINNEY	28	25S	32W		DEEP	PANTERA ENERGY COMPANY
1517500118	SALLEY A-1	1.000000	0.875000	SAME	SAME			35	33S	33W		CHESTER	PANTERA ENERGY COMPANY
1518922379	SPIKES A-6 (SWD)	1.000000	N/A	SAME	SAME			21	315	38W	SF	IANSING	PANTERA ENERGY COMPANY
1518921805	SPIKES G-1	0.975817	0.853840	SAME	SAME			17	315	38W		LOWER	PANTERA ENERGY COMPANY
3513935836	SHRAUNER B-2	1.000000	0.875000	SAME	SAME			24	en N	10E		WABAUNSEE	PANTERA ENERGY COMPANY
1505500539	STALEY 1	1.000000	0.875000	SAME	SAME	ß		21	255	32W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520387	STALEY 2 (SWD)	1.000000	N/A	SAME	SAME			21	255	32W	SENW	I ANSING	PANTERA ENERGY COMPANY
1508120916	STANTON A-2	1.00000	0.875000	SAME	SAME	Т		14	295	34W		MARMATON	PANTERA ENERGY COMPANY
3513923395	STEPHENS 10-1	1.000000	0.937500	SAME	SAME			10	3N	13E	SW	-invo	PANTERA ENERGY COMPANY
3500722038	STICKLER 1-12	0.250000	0.203126	SAME	SAME	Γ	~	12	SN	21E		CHESTER	WILDWOOD OPERATING LLC
3500721954	STICKLER A-1	0.747500	0.607242	SAME	SAME		BEAVER	13	SN	21E		CHESTER	PANTERA ENERGY COMPANY
3513920950	STOKES A-1	1.000000	0.875000	SAME	SAME			10		12E		MORROW F	PANTERA ENERGY COMPANY
3513922686	SHRAUNER B-4 (TOPEKA)	1.000000	0.875000	SAME	SAME			24		10E		TOPEKA	PANTERA ENERGY COMPANY
3513935833	SIMMONS C-1	1.000000	0.875000	SAME	SAME			35		12E	SWNE	MORROW UPPER	MORROW UPPER PANTERA ENERGY COMPANY
3513922907	SMITH AD-3-27 (PRICE)	1.000000	0.875000	SAME	SAME			27	4N	13E		CHEROKEE	PANTERA ENERGY COMPANY
1518922380	SMITH F-3 (ST LOUIS)	0.924652	N/A	SAME	SAME	KS		36	31S	39W		ST. LOUIS	PANTERA ENERGY COMPANY
1518922426	SWALAR A-1	1.000000	0.875000	SAME	SAME			7	31S	38W	NW	LOWER	PANTERA ENERGY COMPANY
1518922430	SWALAR B-1	1.000000	0.875000	SAME	SAME			18	31S	38W	NM	MORROW	PANTERA ENERGY COMPANY
1517530095	SWAN A-1	1.000000	0.888021	SAME	SAME			21	33S	33W		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3500725620	THOMAS_1HX-35	0.001563	0.001250	SAME	SAME	Xo		23	1N	20E		MARMATON	RESOURCE OIL AND GAS LLC
1517521583	TOBIAS A-1 (L MORROW)	1.000000	0.875000	SAME	SAME		SEWARD	10	35S	33W			PANTERA ENERGY COMPANY
1505500658	TORELINE 1	1.000000	0.875000	SAME	SAME			15	26S	32W	SENW	E GROUP	PANTERA ENERGY COMPANY
1505520899	TORELINE 2X-15	1.000000	0.875000	SAME	SAME		FINNEY	15	26S	32W	NENE	DEEP	PANTERA ENERGY COMPANY
3500723540	TREGELLAS 8-1	0.000000	0.054688	SAME	SAME			8	1N	21E		MORROW	RAW CRUDE OIL & GAS LLC
3500721965	TRETBAR A-1	1.000000	0.843750	SAME	SAME		BEAVER	11	SN	21E		ж	PANTERA ENERGY COMPANY
3513935262	TUCKER A-2	1.000000	0.875000	SAME	SAME		TEXAS	8	SN	12E		MORROW G 2	PANTERA ENERGY COMPANY
1517520676	TUCKER K-1	1.000000	0.812500	SAME	SAME		SEWARD	1	35S	34W	W NW SE	MORROW	PANTERA ENERGY COMPANY
1517520729	TUCKER K-2 (L MORROW)	1.000000	0.812500	SAME	SAME		SEWARD	1	35S	34W		LOWER	PANTERA ENERGY COMPANY
1517521772	TUCKER M-1 (B CHESTER)	0.815033	0.694845	SAME	SAME			6	35S	33W		BASAL CHESTER	PANTERA ENERGY COMPANY
1505500397	TURRENTINE 1	1.000000	0.875000	SAME	SAME			21	23S	34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520382	TURRENTINE 3	1.000000	0.875000	SAME	SAME	KS	FINNEY	21	23S	34W	SW	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY

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75/0755051	I UKKEN I I NE 4-21	1.00000	0.875000	SAME	SAIME	1	FINNEY	77	235	34W		DEEP	PANIEKA ENEKGY COMPANY
3513921596	ULLOM A-3	1.000000	0.875000	SAME	SAME		TEXAS	1	SN	13E		MORROW C	PANTERA ENERGY COMPANY
1517520400	UNDERWOOD A-1	0.50000	0.437500	SAME	SAME	Γ	SEWARD	23	34S	34W	SW SW	LOWER	PANTERA ENERGY COMPANY
1517520421	UNDERWOOD A-2	0.50000	0.437500	SAME	SAME		SEWARD	23	34S	34W	NE SW	UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517521346	UNDERWOOD A-3	0.50000	0.437500	SAME	SAME	KS S	SEWARD	23	34S	34W	SE SE	CHESTER	PANTERA ENERGY COMPANY
1517521579	UNDERWOOD A-4	0.50000	0.377686	SAME	SAME		SEWARD	23	34S	34W	E SW NE	CHESTER	PANTERA ENERGY COMPANY
1517521630	UNDERWOOD A-5	0.50000	0.377686	SAME	SAME	KS S	SEWARD	23	34S	34W	CNW	MORROW-	PANTERA ENERGY COMPANY
1509300400	UNREIN 1	1.000000	0.875000	SAME	SAME	KS K	KEARNY	13	24S	35W	SWSWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1509320498	UNREIN 2	1.000000	0.875000	SAME	SAME	KS K	KEARNY	13	24S	35W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1509321482	UNREIN 3-X	1.000000	0.875000	SAME	SAME		KEARNY	13	24S	35W	MN	CHASE	_
3513922872	VAIL-GLATTHAAR A-1 (CHEROKEE)	1.000000	0.874999	SAME	SAME			21	4N	13E		CHEROKEE	PANTERA ENERGY COMPANY
3513922873	VAIL-GLATTHAAR B-1 (CHEROKEE)	1.00000	0.812500	SAME	SAME	ь Хо	TEXAS	22	4N	13E		CHEROKEE	PANTERA ENERGY COMPANY
3500721012	VAN DEBURGH A-1	1.000000	0.826875	SAME	SAME		_	3	3N	22E		L MORROW & U	PANTERA ENERGY COMPANY
3500723244	VANDEBURGH C-1	1.000000	0.826875	SAME	SAME			8		22E		LOWER	PANTERA ENERGY COMPANY
1518922447	WALKER E-1 (SWD)	1.00000	N/A	SAME	SAME	Γ		12		38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517520528	SPEAKMAN A-1	1.000000	0.875000	SAME	SAME	KS S	SEWARD :	2		34W		ST. LOUIS	PANTERA ENERGY COMPANY
1505522325	SPENCE 4-28	1.000000	0.875000	SAME	SAME		Γ	28	255	32W	NW NE SSE SE	MORROW	PANTERA ENERGY COMPANY
3513922288	WELSH B-2	1.000000	0.812500	SAME	SAME	Х	TEXAS :	21		10E		WAB.TPKA.GR-	PANTERA ENERGY COMPANY
1505500474	STONE 1	1.000000	0.875000	SAME	SAME			10		34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520361	STONE 2	1.000000	0.875000	SAME	SAME			10		34W	W2	COUNCIL GROVE	_
1505520746	STONE 3-10	1.000000	0.875000	SAME	SAME	Γ				34W		DEEP	
1518921302	SULLIVAN B-1	0.833333	0.729167	SAME	SAME	Г	S			39W		MORROW 'G'	PANTERA ENERGY COMPANY
3500722085	WHISENANT 1-21	0.250000	0.203125	SAME	SAME	0 N B		21	SN	21E		CHESTER	MONTEREY PRODUCTION COMPANY LLC
3500722029	WHISENANT A-1	0.735797	0.628493	SAME	SAME					21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3513922684	WHISENNAND 1-17 (TOPEKA)	0.483071	0.436822	SAME	SAME			17		11E		TOPEKA	PANTERA ENERGY COMPANY
1509320465	WHITE 2	0.50000	0.437500	SAME	SAME	KS	KEARNY	1		36W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1509321493	WHITE 3	0.50000	0.437500	SAME	SAME		KEARNY	1		36W	SE	CHASE	PANTERA ENERGY COMPANY
1509300425	WHITE, O 1	0.50000	0.437500	SAME	SAME	KS K	KEARNY :	1	24S	36W	NE	CHASE GROUP	PANTERA ENERGY COMPANY
3500723095	WIENS D-1	0.427516	0.351785	SAME	SAME			6		21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724333	WILLIAMS 0-1	0.925000	0.812500	SAME	SAME	OK B	BEAVER 4	4	3N	22E	SE	MORROW	PANTERA ENERGY COMPANY
3513921236	WILSON 1, A-5	1.000000	0.875000	SAME	SAME			23		13E			PANTERA ENERGY COMPANY
3513900161	WILSON 1-23 (MARMATON)	1.00000	0.875000	SAME	SAME	OK T		23		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					20E		LOWER CHESTER	LOWER CHESTER PANTERA ENERGY COMPANY
3500724457	WINDSOR B-2	1.000000	0.812500	SAME	SAME			10		20E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518900146	WING 1	0.000000	0.007813	SAME	SAME			33		36W	SW NE		SCOUT ENERGY MANAGEMENT LLC
1518920901	WING 1-33	0.000000	0.007813	SAME	SAME			33		36W	SWNW		EDISON OPERATING COMPANY LLC
1518922518	WING 2-33	0.000000	0.007813	SAME	SAME		STEVENS	33	32S	36W	SWSW		EDISON OPERATING COMPANY LLC
3513935272	WOODWARD 3-4	1.000000	0.879296	SAME	SAME		TEXAS 4	4		12E		MORROW F	PANTERA ENERGY COMPANY
1517521690	WYATT A-1 (U CHESTER)	1.000000	0.875000	SAME	SAME		SEWARD	25		33W		UPPER CHESTER	PANTERA ENERGY COMPANY
1518922749	WETTSTEIN 1-3	0.000000	0.030000	SAME	SAME	KS S	STEVENS	3		35W		CHESTER	STONE OAK OPERATING LLC
1517521520	WETTSTEIN A-3 (ST GENEVIEVE)	1.000000	0.875000	SAME	SAME		SEWARD 1	10		34W		ST. GENEVIEVE	PANTERA ENERGY COMPANY
1517521565	WETTSTEIN A-4	1.000000	0.875000	SAME	SAME		_	10	34S	34W		ST. GENEVIEVE	PANTERA ENERGY COMPANY
3500721330	WILLIAMS 11-9	0.925000	0.764859	SAME	SAME		BEAVER 5	9	3N	22ECM		multiple	PANTERA ENERGY COMPANY
3500723187	WILLIAMS I-2 (CHESTER)	0.925000	0.764859	SAME	SAME		BEAVER 5	9	3N	22E		CHESTER	PANTERA ENERGY COMPANY
3500724339	Williams I-S	0.925000	0.764859	SAME	SAME			6		22E	SE	HART	PANTERA ENERGY COMPANY
1508120224	YUNCKER 4-14 (KANSAS CITY)	1.000000	0.875000	SAME	SAME	KS H	HASKELL	14	29S	34W		KANSAS CITY	PANTERA ENERGY COMPANY
1508120235	YUNCKER 6-14	1.00000	0.875000	SAME	SAME					34W		MORROW	PANTERA ENERGY COMPANY
1508122265	KMU 14-8R WSW	1.000000	0.000000	SAME	SAME		HASKELL 1	14	29S	34W	NWSESENE		PANTERA ENERGY COMPANY
1508120207	KMU 14-9 (YUNCKER OWWO 3-14)	1.000000	0.875000	SAME	SAME	H SX	HASKFI 1	14	295	INDE	SWNF		DANTEDA ENEDOV COMBANIV

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