KOLAR Document ID: 1797111

	ATION COMMISSION Form T-1 April 2019
OIL & GAS CONSE	Form must be Signed
	NGE OF OPERATOR All blanks must be Filled
	I OR SURFACE FIT PERIVIT
Check applicable boxes: MUST be submitt	ted with this form.
Oil Lease: No. of Oil Wells**	Effective Date of Transfer:
Gas Lease: No. of Gas Wells**	KS Dept of Revenue Lease No.:
Gas Gathering System:	
Saltwater Disposal Well - Permit No.:	Lease Name:
Spot Location: 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.:	feet from N / S Line of Section
(API No. if Drill Pit, WO or Haul)	
Type of Pit: Emergency Burn Settling	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	authorization surface pit permit # has been
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:
Authorized Signature	Authorized Signature
DISTRICT FPR F	PRODUCTION UIC

Side Two

Must Be Filed For All Wells

* Lease Name: _			_ * Location:		
Well No.	API No. (YR DRLD/PRE '67)	Footage from Sec (i.e. FSL = Feet from		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		
		FSL/FNL	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 _		
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		FSL/FNL	FEL/FWL		
		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: 1797111

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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

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

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

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

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

Select one of the following:

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

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

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

Date: ______ Signature of Operator or Agent: ______

STATE OF KANSAS § COUNTY OF KEARNEY §

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; 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;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

and

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

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

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

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

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

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

4. Disclaimers.

EXCEPT AS AND TO THE EXTENT EXPRESSLY SET FORTH IN (a) THE PURCHASE AGREEMENT OR IN THIS ASSIGNMENT, OR CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AGREEMENT, (I) ASSIGNOR MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, AND ASSIGNOR EXPRESSLY DISCLAIMS ALL **(II)** LIABILITY AND **RESPONSIBILITY FOR ANY REPRESENTATION, WARRANTY, STATEMENT OR** INFORMATION MADE OR COMMUNICATED (ORALLY OR IN WRITING) TO ASSIGNEE OR ANY OF ITS AFFILIATES, EMPLOYEES, AGENTS, CONSULTANTS OR REPRESENTATIVES (INCLUDING ANY **OPINION**, INFORMATION, **PROJECTION OR ADVICE THAT MAY HAVE BEEN PROVIDED TO ASSIGNEE BY** ANY OFFICER, DIRECTOR, EMPLOYEE, AGENT, CONSULTANT, **REPRESENTATIVE OR ADVISOR OF ASSIGNOR OR ANY OF ITS AFFILIATES). IN** PARTICULAR, EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN CONFIRMED **ARTICLE 5** OF THE PURCHASE AGREEMENT, 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 THEIR EMPLOYEES, AGENTS, CONSULTANTS, 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. <u>Further Assignments/Further Assurances</u>. Assignee acknowledges that this Assignment is a global assignment intended for filing with the applicable counties in which the Assets are located, and that Assignee and Assignor have separately entered into multiple assignments for the purpose of recording the assignment of the Assets with the appropriate Governmental Body, if necessary. After Closing, Seller and Buyer will each take such further actions and execute, acknowledge and deliver all such further instruments of conveyance and other documents as are reasonably requested by the other Party for carrying out the purposes of this Assignment and/or the Purchase Agreement, including (i) to convey and deliver to Buyer the Assets in accordance with the terms of this Assignment and/or the Purchase Agreement in the manner contemplated by this Assignment and/or the Purchase Agreement in the manner contemplated by this Assignment and/or the Purchase Agreement.

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

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

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

[Signature Pages Follow]

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

ASSIGNOR:

PANHUGOTON PARTNERS LLC
By: Name: Jason S. Herrick Title: President

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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 <u>25</u>^M day of <u>5epf.</u>, 2024. <u>3/24/2027</u> My Commission Expires Notary Public, State of Texas

3/24/2027 My Commission Expires



Signature Page – Assignment and Bill of Sale (Assignor)

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

ASSIGNEE:

BCE-MACH LLC

By:

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

ACKNOWLEDGEMENT

STATE OF OKLAHOMA § COUNTY OF OKLAHOMA §

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

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 25th day of Sofember

21228 My Commission Expires

Notary Public, State of Oklahom

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Footnote	28	3	m	m	m			66	39			39	39	39	39	39	39	39	39						
County	TEXAS	BEAVER	BEAVER	BEAVER	BEAVER	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY
Legal Description	1N-18ECM Sec. 14: N/2 SE/4; S/2 NE/4; S/2 SE/4	1N-20ECM Soc. 26: E/2 NE/4; E/2 SE/4	1N-21ECM Soc. 8: E/2 NE/4; W/2 NE/4	1N-21ECM Sec B: E/2 NW/4; W/2 NW/4	3N-23ECM Sec. 6: SE/4	22S-34W Sec. 34: W/2	225-34W Sec. 34: 5EM	22S-34W Soc. 34: NE/4	235-33W Sec. 16: NE/4	23S-33W Soc. 16: SE/4	23S-33W Sec. 16: NW/4	235-33W Sec. 16: SW/4	23S-34W Sec. 10: SW/4	23S-34W Sec. 15: E/2 NW/4; NE/4: S/2	235-34W Sec. 16: ALL	23S-34W Sec. 18: N/2: N/2 S/V/4: S/2 S/V/4: SE/4	23S-34W Sec. 19: Lots 1, 2, 3 & 4; E/2 W/2; SE/4	23S-34W Sec. 20: E/2 NE/4; SE/4; W/2	23S-34W Sec, 21: N/2	23S-34W Sec. 13: SW/4	23S-34W Sec. 13: SW/4	235-34W Sec. 13: NW//4	23S-34W Sec. 13: N/2 SE/4; NE/4; S/2 SE/4	23S-34W Soc. 15: W/2 NW/4	235-34W Soc 17: ALL
Concatenate	1N18ECM14	1N20ECM26	1N21ECM8	1N21ECM8	1N23ECM6	22S34W34	22S34W34	22S34W34	23S33W16	23S33W16	23S33W16	91/MEESEZ	23S34W10	23S34W15	23S34W16	23S34W1B	23S34W19	23S34W20	23S34W21	23S34W13	23S34W13	23S34W13	23S34W13	23S34W15	23S34W17
Section	14	26	80	ω	9	34	34	34	16	16	16	16	10	15	16	18	19	20	21	13	13	ព	13	15	11
Range	18ECM	20ECM	21ECM	21ECM	23ECM	34W	34W	34W	MEE	MEE	MEE	33W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	N	N	IN	N	IN	22S	22S	22S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S	23S
Page	35	38W	373	547	267	323	33	334	187	383	407	490	382	382	382	382	382	382	382	556	2	20	144	447	387
Book	256	21	232	231	21	19	17	15	Ę	21	16	21	11	11	1	11	11	п	ц	67	12	12	12	11	11
Date	1/30/1946	12/17/1945	10/20/1961	10/12/1961	12/3/1945	7/31/1949	2/10/1948	3/19/1946	12/1/1943	8/30/1950	8/30/1947	11/29/1950	9/12/1941	9/12/1941	9/12/1941	9/12/1941	9/12/1941	9/12/1941	9/12/1941	8/1/1986	9/9/1942	9/15/1942	4/12/1943	10/23/1941	10/2/1941
Original Lessee	GULF OIL CORPORATION	PANHANDLE EASTERN PIPELINE CO. A CORP	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	PANHANDLE EASTERN PIPELINE COMPANY A CORP	CHAMPLIN REFINING COMPANY	THE SHALLOW WATER REFINING COMPANY	BEN F. BRACK	JOE B NATHAN	CHAMPLIN REFINING COMPANY	JOHN R LEBOSQUET	CHAMPLIN REFINING COMPANY	J E O'DONNELL	J E O'DONNELL	J E O'DONNELL	J E O'DONNELL	J E O'DONNELL	J E O'DONNELL	J E O'DONNELL	NORTHERN PUMP COMPANY	J E O'DONNELL	J E O'DONNELL	JOE E. DENHAM	J E O'DONNELL	J E O'DONNELL
Original Lessor	PAUL JOHNSON AND VONONNA C JOHNSON HUSBAND AND WIFE	PAUL A WILLIAMS AND R ALBERTINE WILLIAMS HIS WIFE	JESSIE G DIEFFENBACHER FORMERLY JESSIE G RISING A WIDOW	LOLA GRAY AKA LOLA O GRAY A WIDOW, CORA A HARRIS A WIDOW AND ROBERT L GRAY A SINGLE PERSON	JOHN A BUECHNER AND CATHARINA M BUECHNER HIS WIFE	CLARA L CORMACK AND F D CORMACK WIFE & HUSBAND	CLINT SCHLOTFELT AND VERTA SCHLOTFELT HIS WIFE, AND GLEN H SCHLOTFELT AND NELLE SCHLOTFELT HIS WIFE	JOHN HENSELMAN AND ANNA C HENSELMAN HIS WIFE	A E SAMUELSON AKA AUGUST E SAMUELSON AND DELLA SAMUELSON HIS WIFE ET AL	A J JOHNSON AND HIS WIFE MARY S JOHNSON	ARTHUR R STANDER A SINGLE MAN	J R BOSWORTH A SINGLE MAN	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	THE GARDEN CITY COMPANY	RICHARD A HERMAN AND VERNA IRENE HERMAN HUSBAND AND WIFE	G H BIDWELL AND MARY E BIDWELL HIS WIFE	GOFFE & CARKENER INCORPORATED	GARDEN CITY DITCH COMPANY	LAURA A WODETZKY A SINGLE WOMAN	W E LEAVITT AND CORNELLA C LEAVITT HIS WIFE AND J R BOSWORTH AND HETTIE H BOSWORTH 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	LEASE - OIL AND GAS
Agreement #	33086000	31733000	31749000	31748000	31732000	29893003	29893002	29893001	29921000	29924000	29923000	29922000	29847000	29847000	29847000	29847000	29847000	29847000	29847000	29963002	29963001	29965000	29966000	29850000	29859000

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Exhibit A - Leases to Ass

Origina	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
BERTHA M FOSTER A WIDOW; WILLIAM D FOSTER & MARJORIE FOSTER HIS WIFE ET AL	JE O'DONNEL	-1	9/6/1941	Ħ	430	23S	34W	19	23S34W19	235-34W Sec. 19: NE/4	FINNEY	
THE PINEY WOODS COUNTRY LIFE CHAMPLIN REFINING COMPANY SCHOOL	WPLIN REFINING CO	MPANY	10/10/1947	17	524	23S	34W	20	23S34W20	235-34W Sec. 20: W/2 NE/4	FINNEY	
HERBERT MEYER AND WILMA L MEYER HIS WIFE	J E O'DONNELL		9/11/1941	п	362	23S	34W	30	23S34W30	235-34W Sec. 30: SE/4	FINNEY	
FEDERAL LAND BANK OF WICHITA CHAMPLIN REFINING COMPANY	WPLIN REFINING COMP	ANY	11/20/1943	13	30	23S	34W	36	23S34W36	235-34W Sec. 36: W/2 NE/4	FINNEY	
JOHN BURGARDT AND BARBARA BURGARDT HIS WIFE	J E O'DONNELL		9/2/1942	11	640	23S	34W	36	23S34W36	23S-34W Sec. 36: NW/4	FINNEY	
L E JOSS AND IZETTA H JOSS HUSBAND J E O'DONNELL AND WIFE	J E O'DONNELL		9/12/1942	12	21	23S	34W	36	23S34W36	235-34W Sec. 36: SE/4: SE/4 SW/4	FINNEY	
LAURENCE C HALBLEIB AND MAXINE HALBLEIB HIS WIFE	JOE E. DENHAM		4/24/1944	13	324	23S	34W	36	23S34W36	235-34VV Sec. 36: SW/4 SW/4	FINNEY	
MUTUAL BUILDING & LOAN CHAMPLIN REFINING COMPANY ASSOCIATION	MPLIN REFINING COMPAN	Ł	9/24/1942	12	22	23S	34W	36	23S34W36	235-34VV Sec. 36: N/2 SW/4	FINNEY	
NELLIE UPSHAW AND J F UPSHAW HER J E O'DONNELL HUSBAND	JE O'DONNELL		9/3/1942	11	642	23S	34W	36	23S34W36	235-34VV Sec. 36: E/2 NE/4	FINNEY	
ELSIE BARTLOW AND CHARLES JE O'DONNELL BARTLOW HER HUSBAND	JE O'DONNELL	<u> </u>	11/19/1943	E	29	23S	34W	თ	23S34W9	23S-34VV Sec 9: NVV/4	FINNEY	
J R BOSWORTH AND HETTIE H BOSWORTH HIS WIFE J E O'DONNELL	J E O'DONNELL		8/25/1942	11	632	23S	34W	6	23S34W9	23S-34W Sec. 9: NE4	FINNEY	
O L SILER AND MARY SILER HIS WIFE CITIES SERVICE OIL COMPANY	ES SERVICE OIL COMPANY	-	4/6/1943	12	297	23S	34W	g	23S34W9	23S-34W Sec. 9: SW/4	FINNEY	39
THE GARDEN CITY COMPANY J. E. O'DONNELL	J. E. O'DONNELL	-	9/12/1941	æ	581	23S	35W	13	23S35W13	235-35W SECTION 13: ALL	KEARNY	
THE GARDEN CITY COMPANY J. E. O'DONNELL	J. E. O'DONNELL	-	9/12/1941	8	581	23S	35W	24	23S35W24	235-35W SECTION 24: SE/4	KEARNY	40
J. F. PIEPER	ES SERVICE OIL COMPANY		4/15/1943	10	85	23S	35W	20	23S35W20	235-35W SECTION 20: N/2; SW/4	KEARNY	
R. H. MILLER ET UX CITTES SERVICE OIL COMPANY	ES SERVICE OIL COMPANY	1.11	4/5/1943	10	2	23S	35W	σ	23S35W9	235-35W SECTION B: N2 N2 LESS AND EXCEPT ALL DEPTHS REAM THE THE HEBNER PORMATION TO THE CENTH.	KEARNY	40
D E EVERS AND EDA EVERS HIS WIFE	JOE E. DENHAM		7/17/1943	12	572	24S	33W	14	24S33W14	245-33W Sec. 14: All that part of the N/2 of Section 14 which lies South of the Right of Way of the Atchison. Topoka and Santa Fe Railroad	FINNEY	
D E EVERS AND EDA EVERS HIS WIFE	JOE E. DENHAM		7/17/1943	12	572	24S	MEE	15	24S33W15	24S-33W Sec. 15: A 5 acre tract in the Southeast corner of the NE/4	FINNEY	
O F NEAL AND MARIE O NEAL HIS WIFE JOE E. DENHAM	JOE E. DENHAM		8/4/1943	12	571	24S	MEE	14	24S33W14	24S-33V/ Sec. 14: Lots 1 and 2 and the N/2 SW/4	FINNEY	39
O F NEAL AND MARIE O NEAL HIS WIFE	JOE E. DENHAM	-	8/4/1943	12	571	24S	MEE	15	24S33W15	245-33W Sec. 15: Lot 4 and the NE/4 SE/4	FINNEY	
PETE MAI AND ESTHER MAI HIS WIFE	JOE E. DENHAM		7/17/1943	12	443	24S	MEE	14	24S33W14	24S-33V See. 14: Lots 1 and 2 and the N/2 SW/4	FINNEY	39
PETE MAI AND ESTHER MAI HIS WIFE JOE E. DENHAM	JOE E. DENHAM		7/17/1943	12	443	24S	MEE	15	24S33W15	24S-33W Sec. 15: Lot 4 and the NE/4 SE/4	FINNEY	
STATE BOARD OF ADMINISTRATION OF KANSAS	FRED C. KOCH		8/26/1944	14	158	24S	MEE	14	24S33W14	245-33W Sec. 14: S/2: N/2, as more particularly described in said lease	FINNEY	

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Footnote									39					66
County	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	HNNEY	FINNEY	FINNEY
Legal Description	245-33W See, 15: Lot 3 and that part of the NEV of Section 15 Wing South of the right-of-way of the Atchison. Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lesseds Eshibit. *V. land describtion.	245-33W See 15: A strip of land in the NEV of Section 15 lying between the North line of the Actionary Topeka and Sama Fe Railway and a line lying 9.25 fock northerly and parallet to the center line of The Garden City Western Railway	245-33W Sec. 15: All that part of the NE/4 lying North of the North line of the right of way of the Garden City Western Railway	245-33W See. 15: Lot 3 and that part of the NEV 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 (asses Eshibit "A" land description.	245-33W See, 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except trast as more fully described in said Losads Eshible "A" land describtion.	245-33W See. 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atchlean. Topeka & Santa Fe Railroad, less and except tracts as more fully described in said losace Eshibit ** land description.	245-33W Sec. 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atchlson, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said leaseds Eshibit "A" land description.	24S-33W Sec. 15: Lots One and Two and the N/2 NW/4	24S-33W Sec. 15: Lots 5 and 6	245-33W See. 15: Lot 3 and that part of the NEV 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 (asses Eshibit *** land description.	24S-33W Sec. 15: E/2 NE/4	245-33W Sec. 15: Lot 3 and that part of the NEV of Section 15 lying South of the right-of-way of the Atchison. Topeka & Santa Fe Railroad, less an except tracts as more fully described in said Lesses Eshible "A" land description.	24S-34W Sec. 2: Lots 1 and 2 and the S/2 NE/4	24S-34W Sec. 10: Lots 2, 3 & 4 and all accretions thereto; SE/4 NW/4;
Concatenate	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S33W15	24S34W2	24S34W10
Section	15	15	15	15	15	15	15	15	15	15	15	15	2	10
Range	33W	WEE	33W	MEE	ЗЗW	MEE	MEE	33W	33W	MEE	33W	ЗЗW	34W	34W
Township	24S	24S	24S	24S	24S	24S	24S	24S	24S	24S	24S	245	24S	24S
Page	6	354	211	393	107	108	392	43	37	394	400	Ω	643	645
Book	78	26	25	77	79	79	77	13	12	77	14	78	ц	Ħ
Date	9/1/1988	12/16/1952	5/1/1952	9861/L/6	9/1/1988	9/1/1988	9/1/1988	12/27/1943	5/1/1942	9/1/1988	12/16/1944	9/1/1988	8/28/1942	8/24/1942
Original Lessee	C M FLEETWOOD	CHAMPLIN REFINING COMPANY	GAIL NUSBAUM	C M FLEETWOOD	C M FLEETWOOD	C M FLEETWOOD	C M FLEETWOOD	J E O'DONNELL	C H GORDEN	C M FLEETWOOD	JOE E. DENHAM	C M FLEETWOOD	JE O'DONNELL	J E O'DONNELL
Original Lessor	AMY LOUISE WELDON AKA EDITH LOUISE WELDON	BOARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANSAS	CLAYTON C CARROLL AND WIFE VELMA V CARROLL	COLEEN W KINNEY	ESTHER MAI	ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST	LARRY D WARD	MAE ANDERSON A WIDOW	MAE C TAIT A WIDOW	MARY LEE STECKLEIN	NELL A BURNS AND J M BURNS HER HUSBAND	SUE W PINEGAR	HARRY BROWN AND GRACE BROWN HIS WIFE	EVA B SHARER 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
Agreement #	29939005	29929009	29929001	29939002	29939006	29939007	29939001	29929002	29929008	29939003	29929007	29939004	29955000	29871001

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regar Description	245-34VV Sec. 10: Lot 1	245-34W Sec. 11: All		245-34W 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	245-34W Sec. 2: SEV4: E/J SWV4 and all that part of the SW/4 SW/4 lying South of the AT SF R R 245-34W Sec. 3: All that part of the SZ lying South of the AT SF R R and Lot B	sec. 2: SEV4: E/Z SW/4 and all that part of the SW/4 SW/4 lying South of the AT 5F R R 245-34W Soc. 3: All that part of the S/Z lying South of the AT 5 F R and Lot 8 245-34W Soc. 10: SW/4	sec 2: SEV4: E/Z SW/4 and all that nor of the SW/4 SW/4 lying Sect 3: All that part of the AT 5 F R and 1: When South of the AT 5 F R and Los B 245-34W Sec 3: All that part of the S/2 lying South of the AT 5 F R 245-34W Sec 10: SW/4 Sec 10: SW/4 Sec 5: Lots 9 & 10	245-34W 245-34W South of the A T S F R R South of the A T S F R R 245-34W Sec. 3: All that part of the S 2 tying South of the A T S F R R and Lot 8 245-34W Sec. 10: SW/4 Sec. 10: SW/4	245-34W 245-34W Sec. 2: SEV4: E/Z SW/4 and littly part of the SW/4 SW/4 lying 245-34W Sec. 3: All that part of the AT S F R R and Lot 8 245-34W Sec. 10: SW/4 Sec. 10: SW/4 Sec. 5: Lot's 9 & 10 245-34W Sec. 5: Lot's 9 & 10 245-34W Sec. 10: Lot's 9 245-34W Sec. 10: Lot's 10 245-34W	Sec. 2: SE4; E/2 SW(4 and all that pant of the SW(4 SW(4 Iving 24S-34W 24S-34W Sec. 3: All that pant of the AT 5 F R and Lora B 24S-34W Sec. 10: SW(4 24S-34W Sec. 5: Lots 9 & 10 24S-34W Sec. 5: Lots 9 & 10 24S-34W Sec. 10: Lots 9 & 20 24S-34W Sec. 10: Lots 9 & 20 24S-34W Sec. 10: Lots 9 & 20 24S-34W Sec. 25: Lots 9 & 20 24S-34W Sec. 10: Lots 9 & 20 24S-34W Sec. 20 & 24 24S-34W Sec. 20 & 25 24S-34W Sec. 20	245.34W Sec. 2: SEV; E/Z SW(4 and all that part of the SW(4 SW/4 lying Sec. 3: All that part of the AT S F R R and Lot 8 245.34W Sec. 3: Lot 9 at 0 245.34W Sec. 10: SW(4 245.34W Sec. 10: SW(4 245.34W Sec. 5: Lot 9 at 0 245.34W Sec. 10: Lot 9 at 0 245.34W Sec. 10: SW2 245.34W Sec. 10: SW2 Sec. 10: SW2 Sec. 5: Lot 9 at 0 245.34W Sec. 10: SW2 Sec. 10: SW2 Sec. 10: SW2 Sec. 5: Lot 9 at 0 245.34W Sec. 10: SW2 Sec. 10: SW2 Sec. 10: SW2 Sec. 5: Lot 9 at 0 Sec. 5: Lot 9 at	245-34W Sec. 2: SEV4: E/Z SW(4 and if that Tp if the AT SF R Suth of the AT SF R Suth of the AT SF R and Lot B South of the AT SF R and Lot B Soc. 3: All that part of the S2 tying South of the AT SF R R and Lot B 245-34W Sec. 10: SW(4) 245-34W Sec. 10: SW(4) 245-34W Sec. 5: Lots 9 & 10 245-34W SECTION 11: SEV4, W/2 245-34W Sec. 10: SS/2 245-34W Sec. 10: SS/2 SECTION 11: SEV4, W/2 Sec. 10: SS/2 SECTION 11: SEV4, W/2 SECTION 2: S/2 SECTION 2: S/2 S/3 SECTION 2: S/2 S/3 SECTION 2: S/2 S/3 SECTION 2: S/2 S/3 S/3 S/3 S/3 S/3 S/3 S/3 S/3 S/3 S/3	sec. 2: SEV4: EZ SW4. and all that T 5 F.R. South of the A T 5 F.R. 2.45-3.4W Soc. 3: All that part of the AT 5 F.R. and Lora B 2.45-3.4W Soc. 10: SW4 2.45-3.4W Soc. 5: Lots 9 & 10 2.45-3.4W Soc. 5: Lots 9 & 10 2.45-3.4W Sec. 10: NO2 2.45-3.4W Sec. 10: NO2 2.45-3.4W Sec. 15: WZ 2.45-3.4W Sec. 15: WZ 2.45-3.4W Soc. 15: WZ 2.45-3.4W Sec. 15: WZ	sec 2: SE4; E/2 SW4, and all thran of the SW4 SW4 tiving 245-34W 245-34W 245-34W Sec 3: All that part of the AT 5 F R and Lora 245-34W Sec 10: SW4 245-34W Sec 10: SW4 245-34W Sec 10: N/2 245-34W SECTION 11: SE4, W/2 245-34W SECTION 11: SE2 245-34W Sec 15: E/2 245-34W Sec 15: E/2 245-34W Sec 15: E/2 245-34W Sec 15: E/2 Sec 15: S/2 Sec 15: Sec 15: S/2 Sec 15: Sec 15	245-34W Sec. 2: SEM; E/D SW/4 Amd all hat part of the SW/4 SW/4 lying Suth of the AT SF R R Suth of the AT SF R R and Lot 8 245-34W Sec. 3: All that part of the AT SF R R and Lot 8 245-34W Sec. 5: Lot: 9 & 10 245-34W Sec. 5: Lot: 9 & 10 245-34W Sec. 5: Lot: 9 & 10 245-34W Sec. 10: W/2 245-34W Sec. 15: W/2 245-34W Sec. 15: W/2 Sec. 15: W/2 Sec. 15: W/2 Sec. 15: W/2 Sec. 15: W/2 Sec. 15: E/2 Sec. 15: E/2 Sec. 15: W/2 Sec. 15: E/2 Sec. 15: E/2	Sec. 2: SEM; E/Z SWI, and all the AT S F R R Such af the AT S F R R 2.45-34W Sec. 3: All that part of the S/2 lying South of the AT S F R R and Lora B 2.45-34W Sec. 10: SW/4 Sec. 51. Lors 9 & 10 2.45-34W Sec. 51. Lors 9 & 10 2.45-34W Sec. 10: N/2 2.45-34W Sec. 11: SE4, W/2 Sec. 15: E/2 2.45-34W Sec. 15: E/2	sec 2: SEM; EZ SWI, and all the AT 5 F.R. South of the AT 5 F.R. South of the AT 5 F.R. South of the S.2. 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Footnote		39	S S	ê	39	o, M	ŝ					
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 W/2 SW/4 lying North of the A T & S F Aaltroad	24S-34W Sec. 3: All of Lessor's acreage in all the land in its main irrigation canal right-of-way across said section.	245-34W Sec. 3: Lors 1, 2, 3 & 4 and the S/2 N/2 and all that part of Lots 5 & G, and the NW/A 5E4 and the E/2 SE4 lying North of the A T & 5 F Railroad right of way	245-34W Sec. 5: All that part of the W/2 of Section 5 lying North of the A T & Samta Fe Ry. Described as Lot. 1. 2. 7 and 8 (except a tract of about 30 acres deeded to the Garden City inrigation Company)	245-34W Sec. 5: Lots 3 & 4: S/2 NW/4	245-34W Soc. 5: All that part of Lots 7 & 8 in Socion 5 lying South of the right-of-way of the Acthicison. Topeka & Santa Fe Railroad: Lots 5.6 in taild Socions 5 and a certain island in the Akharasa River lying South of Lots 5, 6, 7 & 8 in Section 5	245-34W Sec. 5: Beginning in that tract in the EL2 of said Section 5 lying between the nalitoad and the river, all of Lessor's acreage in all the land in its main irrigation canal right-of-way across said the land in its main irrigation canal right-of-way across said section.	245-35W 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: WITBEGE AT A POINT ON THE W. LINE OF SAID SEC. 1995 FT'S OF THE RW/CTHEREOF/WHICH IS THE POIS. THE 484 FT, TH S 76 FT TO THE ROW OF THE POIS. THE 484 FT, TH S 76 FT TO THE RUM OF THE ROW 60 DEGS, OU'W. 12 FT, TT 33 9 DEGS, SI W. 340 FT. TH S 80 DEGS, OU'W. 28 OF TT O THE W. LINEOF SAID SEC. TH N 385 FT TO THE POIS SEC 11:245-35W, KEARIY CO	10:30 ACRES M/L BEING ALL THAT PART OF THE NY2SW/A SEC 11:245-35W, OF THE 6TH P.M. LYING BETWEEN THE N LINE OF THE STATION GROUNDS SAND RONW OF THE ATCHISON TOPEKA AND SANTA FE RALLWAY CO, THE EXTENDED S LINE OF SIXTH AVE NIA AND A UNE EXTENDING FROM THE EXTENDED LINE OF SIXTH AVENUE FOTHE ROOM OFTHE ATCHISON TOPEKA AND SANTA FE RAILWAY CO PARALLEL WITH WALNUT STREET (INTHE CITY OF DEERFIELD, MAND 150 FT W OF THE WIL'LINE OF WALNUT STREET, KEARNY CO
Concatenate	24S34W2	24S34W3	24S34W3	24S34W5	24S34W5	24S34W5	24S34W5	24S35W1	24S35W11	24S35W11	24S35W11	24535W11
Section	7	m	m	u	S	'n	'n	н	я	11	Ħ	Ħ
Range	34W	34W	34W	34W	34W	34W	34W	35W	35W	35W	35W	MSE
Township	24S	24S	24S	24S	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	ដ	12	11	20	б	18	18	16	II
Date	12/30/1948	10/15/1949	12/30/1948	2/8/1943	10/8/1943	9/7/1943	10/15/1949	9/2/1942	4/15/1949	5/26/1949	10/20/1947	4/17/1944
Original Lessee	CHAMPLIN REFINING COMPANY	CHAMPLIN REFINING COMPANY	CHAMPLIN REFINING COMPANY	TE ODONNELL	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	B HTIG3 CINA CLARNAND E HTIG3 CINA CARNAND HIS WARDEN AND GRACIE MAY WARDEN HIS WARDEN HIS WARDEN HIS WARDEN AND GRACIE MAY WARDEN HIS WARDEN H	ESTHER B GREEN AND LOGAN N GREEN HER HUSBAND	FLORENCE LILLIAN CRAWFORD EXECUTINS OF THE ESTATE OF W H DAVIS DECEASED AND HARRY J DAVIS ADMINISTRATOR 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	29938000	29957000	29878000	66434000	66435000	66432000	66368000

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Footnote				
County	KEARNY	KEARNY	KEARNY	KEARNY
Legal Description	APPROXIMATELY 2 ACS OF LAND DESC AS FOLLOWS; COMM AT A POINT ON THE N SECLINE OF SEC 11-24S-395W OF THE GTH PA AND 1200 FT E OF THE NWX OF SAID SEC.THS 1331 FT TO THE POB; TH S 186 FT. TH S55 DE5S 00° W TO A POINT ON THER UNE FT THE GREAT EASTERN OF THE POB; TH NTO A POINT JOUF S OF POINT 300 FTDUE W OF THE POB; TH NTO A POINT 1200 FTDUE W OF THE POB; TH NTO A POINT 1200 FTDUE W OF THE POB; TH NTO A POINT 1200 FTDUE W OF THE POB; TH DUE S OF TO THE FTH AND, TH DUE S AND PARALLEINGTHE FUBLIC HIGHWAY A DISTANCE OF THE NUND DESC AS COMM AT A POINT 1200 FTD OF THE WWX OF SC 31, 243-353W OF THE GTH AND, TH DUE S AND PARALLEINGTHE FUBLIC HIGHWAY A DISTANCE OF 1220 FT; TH DUE W 300 FT TO THE FDB AND CINT APPROX A 34A ACS, LESS AND EXF FTH OT A POINT OTHE ROWN OF THEOREAT EAST FTH OUTEL A DISTANCE OF 415 FTT O A POINT; TH DUE W 300 FT TO THE FDB AND CONT APPROX A 243A ACS, LESS AND EXF FTH OT A POINT ON THE OR A POINT; TH DUE NOT COMM AT A POINT AND AND A DOWN; TH DUE W 305 FC, TH 4 2013T AT OT THE POB APPROLE OF SEC 11-24S-35W OF THE GTH PMAND 120 OFT DEFEC LASS COMM AT A A POINT OF TO THE POB APPROLE OF SEC 11-24S-35W OFT HE GTH PMAND 120 OFT TH W ATRICHT ANGLES 150 FT. TH 4 A ATRICHT ANGLES 100 FT, TH E 150 FT, TH 14 A ATRICHT ANGLES 100 FT, TH E 150 FT, TH 14 A ATRICHT ANGLES 100 FT, TH E 150 FT, TH 14 A ATRICHT ANGLES	BEG AT A PNT 2156.9 FT N OF THE EK/ OF SEC 11-24S- 35W, OF THE 6TH P.M.:TH RUNNING DUE W 761.1 FT, TH RUNNING DUE N 395.5 FT OT THE S LIVE OF THEROW OF THE ATCHISO N, TOPEGA AND SANTA FE RR OO, TH RUNNING IN A NEUYDIRE CTION ALONG S LINE OF SAID PROMY TO E LINE OF SAID SEC 1.1. TH DUE SALONGE LINE OF SAID SEC 11.24S-35W, KEARNY CO	A TR OF LAND IN THE NW/4 OF SEC 11-24S-35W, OF THE GTH PM DESC AS FOLLOWS:TO-WIT: BEG AT A POINT ON THE LUNG DA A JUBLIC DAD BLUNNIGN FROM THEN END OF MAIN ST IN THE TOWN OF DEERFEICH ANALAS. WHICH POINT IS W 1403FT AND 5 1 DEG, 14 MINUTES W 924 FT; FROM THE NELC OF THE NW/4 OF SAIDSECTION 11, TH & 468 FT, TH 2 26 DEGS, 50 MINUTES W, 328 FT, TH 5 53 DEGS.10 MINUTES W, 412.5 FT, TH 1 DEG, 10 MINUTES E 540.5 FT TO THE POB SEC 11-245-35W, KEARIY CO	245-35W SECTION 11: LOTS 7, 8, 8, 9 IN BLOCK 11 IN THE CITY OF DEBRFIELD AS SHOWN BY THE RECORDED PLAT THEREOF, AND ALL OF LOT 13 PLAT 3 BEING ALL THAT PART OF SECTION 11 L'INIG WEST OF THE CITY OF DEBRFIELD AND THE SOUTH OF THE GREAT EASTERN DITCH AND NORTH OF THE MAIN ROLD RUNNIG WEST FROM DEBRFIELD NOWN AS THE SANTA FE TRAUL AND LOCATED IN THE SWAIX ANVIG AND THE NAVIG OF THE SWAI
Concatenate	TTMSES72	11W3ES95	11W3ES45	24S35W11
Section	Ħ	#	#	Ħ
Range	SE	M SE	MSE	зе
Township	245	245	24S	245
Page	SE	69	231	267
Book	E .	11	16	10
Date	10/1947	4/L1/17	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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LLC and BCE-Mach LLC
Partners]
PanHugoton
between
l of Sale
nd Bill
Conveyance and
Assignment, (
- Leases to
Exhibit A

Footnote					
County	KEARNY	Х Е У В К Е У В К	KEARNY	KEARNY	KEARNY
Legal Description	A TR OF UNPLATTED LAND LYING IN THE NW/4 OF SEC 11- 245-35W, OF THE GTH PMIN THE TOWN OF DEERFIELD, KANSAS, DES C AS FOLLOWS, TO-WIT BEG AT POINTWHICHIS THE INTERS ECTION OF THE ELINE OF MAIN ST AND THE N LINE OF 10THA VE OF THE PLATTED TOWN OF DEERFIELD, KANASK: TH N 19 DE GS 45' 2035. FI.TH N 49 DEERFIELD, KANASK: TH N 19 DE GS 45' 2035. FI.TH N 49 DEERFIELD, KANASK: TH N 19 DE GS 45' 2035. FI.TH ST DEERSIEV, XEARNY CO	ALL THAT TR OR PARCEL OF LAND STTUATED IN THE COUNTY OF KEARY AND STATEOF KANSAS AND DESC AS DELLOWS: THAT SHO CAT STEE SLO OF SEC 11-245- 35W;TH N, VARIATION 11 D EGS 20 MINUTES, 21563 FT TO A POINT, TH 5 89 DEGSJ MINUTES, W 761,1 FT TO A POINT HERRINAFTER REFERRED TO AS THE POB.TH DUE S 132 FT. THA DUE W3245, FT. TH N 19 DEG S 50 MINUTES, W 388 FT.TH S 70 DEGS 00 MINUTES, W 557 FT, TH N 20 DEGS 00 MINUTES, W 99 FT, TH N 19 DEG S 51 MINUTES, W 388 FT.TH S 70 DEGS 00 MINUTES, W 557 FT, TH N 20 DEGS 00 MINUTES, W 99 FT, TH N THE FJG 40 SCIL1-243 35W, 6TH PM BEG AT POINT 761,1 FT W OF THE E UNE OF SEC 11, AND21563 FT N 0F THE S UNE OF SAID SEC 314.5 FT N TO THE ROUNNING SAID RFOV W NORTHEASTERU 327 FT TO A POINT 761,1 FW OF THE E UNE SANTA FE BALIWAY; TH POLLOWING SAID RFOV W NORTHEASTERU 327 FT TO A POINT DRECTUR NO F SANTA FE BALIWAY; TH POLLOWING SAID RFOV W NORTHEASTERU 327 FT TO A POINT DRECTUR NO F FTARNO FOINT TH STRAIGHT 3 385.FT OT HE POBLOONT 2.4 ACRES ANDAING TO CONVER W THE FERMS OF THIS LEASE ALL LAND OWNED BY SAID COMPANY IN SEC 11-245-35W, KEARNY CO	A TR OF UNPLATTED LAND LYING IN THE NW/4 SEC 11.24S- 35W OF THE 6TH PM.IN THE TOWN OF DEERIFELD. KANSAS AND DES C AS FOLLOWS, TO-WIT BEG AT APOINT ON THE N LING OF 10 TH AYE AND THE E LINE OF MAIN ST. TH N 12 DEGS, W. 2 21-12, FT, TH A 46 DEGS SFE, E 102- 9120 FT, TH N 24 DEG S.25'E, E 255-9120 FT, TH S 19 DEGS SFE, 102- 9120 FT, TH N 24 DEGS, 15'W.230 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 NW/C OF SAID SEC. TH S 1331 FT TO THE POB. TH W AT RIGHT ANGLESIS OFT. 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: NE/4, S/2 N/2 SE/4, S/2 SE/4 AS AMENDED BY CORRECTION OF DESCRIPTION IN OIL AND GAS LEASE DATED 4/23/249, RECORDED IN BOOK 18, PAGE 352
Concatenate	24S35W11	11W2E24S2	24535W11	24S35W11	24S35W11
Section	11	п	#	Ħ	Ħ
Range	35W	NSE	asw	M SE	35W
Township	24S	245	24S	24S	24S
Page	230	9	246	229	386
Book	16	ព	16	16	σ
Date	276T/ZZ0T	5718/1343	10/20/1047	10/23/1957	12/11/1942
Original Lessee	CITIES SERVICE OIL COMPANY	CTTES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY
Original Lessor	MILTON כנעאת בד נוע	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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Footnote															
County	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY	KEARNY
Legal Description	A TR OF LAND IN SEC 11-24S-35W, COMMENCING AT A FNT 243 FT E OF THE KWNC OFSAUD SEC. TH A LAUND THE N SEC LINE OS SAUD SEC 957 FT. TH S 1.331 FT. TH W300 FT. TH N1 FT. TH W 366 FT. TH S 1.361 FT. TH N4 A SWLY DIRECTION APPROXED FT OT HE SEC OF A TRACT OF LAND CONVEYED BY WARRANTY DEED DTD S-19- 33.EXECUTED BY FRANK N.LAROSH AN D OTHERS TO FT. TH W 448 FT. TH N 1243 FT TO POB. CONTN ING SAUD SECT. H E 424 FT. TH N 424 FT TO POB. CONTN ING 42.31 ACS. ML, SEC 11-24S-35W, KEARNY CO	ALL THAT TRACT OF LAND COMPRISING THE MAIN GREAT EASTER N CANAL IN & ACROSSTHE N/2 SEC 11-24S-35VV. KEARNY CO	ALL THAT CERTAIN STRIP. TR OR PARCEL OF LAND LYING AND STUDATE IN THE SIZEC 11-245-35W OF THE GTH PRINCIPAL MERIDAN, AT DERFELOI, KEARY CO, KANSAS AND MORE PARTICULARLY DESC AS FOLLOWS, A STRIP OF LAND 300 FT INWIDTH LYING 150 FT ON EACH SIDE OF THE CENTER LINE OF THE MAIN TR OF THE ATCHISON. TOPEKA AND CONSTRUCTED AND EXTENDING FROM RALLWAY ROGINEER'S LOCATION STATION240720 FT IN A NOR TH EASTERY DIRECTION AGORSS AND SY2 OF SEC 11 AND GONSTRUCTED AND EXTENDING FROM RALLWAY FIGINEER'S LOCATION STATION240720 FT IN A NOR TH EASTERY DIRECTION AGORSS SAID SY2 OF SEC 11 LOCATION STATION214, 2020 FT IN A NOR TH EASTERY DIRECTION AGORSS AND SY2 OF SEC 11 LOCATION STATION214, 2020 FT IN A NOR TH EASTERY DIRECTION AGORSS SAID SY2 OF SEC 11 LOCATION STATION214, 2020 FT IN A NOR TH EASTERY DIRECTION AGORSS AND SY2 OF SEC 11 LOCATION STATION214, 2020 FT IN A NOR TH EASTERY DIRECTION AGORSS AND SY OF SEC 11 LOCATION STATION214, 2020 FT IN A NOR TH EASTERY DIRECTION AGORSS AND SY OF SEC 11 LOCATION STATION STATION214, 2020 FT IN A NOR TH LOCATION STATION214, 2	SW/4 SEC 11-24S-35W, LOCATED S OF THE RW OF THE A T & S F RR CO, & W OF THE PUBLIC ROAD LEADING THROUGH THE CENTER OF THE TOWN OF DEERFIELD S TO RVER, KEARNY CO	245-35W SECTION 11: NE/4	245-35W SECTION 13: S/2	245-35W SECTION 13: W/2	24S-35W SECTION 13: 66.74 ACRES	245-35W SECTION 13: 25.1 ACRES	24S-35W SECTION 13: N/2	245-36W SECTION 1: SE/4	245-36W SECTION 1: LOTS 1 AND 2 AND THE S/2 OF THE NE/4 (BEING THE NE/4)	245-36W LOTS 3. 4, E/2 SW/4	245-36W SECTION 18: NE/4	24S-36W SECTION 18: NE/4
Concatenate	TTMSES62	24S35W11	TTMSES92	24S35W11	24S35W11	24S35W13	24S35W13	24S35W13	24S35W13	24S35W13	24S36W1	24S36W1	24S36W18	24S36W18	24S36W1B
Section	Ħ	п	Ħ	11	п	13	13	EI	13	13	1	ч	18	18	18
Range	asw	35W	Se	ЗSW	35W	35W	35W	35W	35W	35W	36W	36W	36W	36W	ЗбW
Township	245	24S	245	24S	24S	24S	24S	24S	24S	24S	24S	24S	24S	24S	24S
Page	219	425	ទួ	471	50	264	219	265	579	249	6	422	214	п	107
Book	0	18	2	10	16	10	10	Ħ	11	6	10	8	15	10	10
Date	6/1/1943	4/18/1949	4/25/1950	10/20/1943	7/24/1947	5/28/1943	6/1/1943	9/7/1944	8/26/1944	9/1/1942	3/29/1943	8/7/1941	8/12/1939	5/25/1943	5/25/1943
Original Lessee	JOE E. DENHAM	CITIES SERVICE OIL COMPANY	CITIES SERVICE OIL COMPANY	JOE E. DENHAM	CHAMPLIN REFINING COMPANY	JOE E. DENHAM	JOE E. DENHAM	FRED C. KOCH	FRED C. KOCH	J. E. O'DONNELL	CITIES SERVICE OIL COMPANY	J. E. O'DONNELL	CHAMPLIN REFINING COMPANY	JOE E. DENHAM	JOE E. DENHAM
Original Lessor	THE GARDEN CITY COMPANY	THE UNITED STATES IRRIGATING COMPANY	TOPEKA AND SANTA FE RAILWAY CO.	WILLIAM H. HERR ET UX	WILLIAM T. MURRAY ET UX	CHARLES R. FISCHER	GARDEN CITY CO	GERTRUDE E. CONE ET AL	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	U. J. INGRIM, SINGLE	O. A. WHITE ET UX	ORLIE A. WHITE ET UX	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	C. E. WARTHEN ESTATE	MARIE L. BROWNE 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
Agreement #	66371000	66372000	664380000	66369000	29910000	29863001	29863002	29863003 65095000	29863004	29972000	29832002	29832001	29969000	29970002	29970001 65463000

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Exhibit A - Leases to Assignment, Conve	

Bit manner Control (Control) Control) Control (Control) Control (Control) Control (Control) Control) Control) Control (Control) Control) Contro) Control) Control)	Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
C.A. CLOCG AND MONECLIM L.E. DONNELL 717.13.41 B 146 36 <td></td> <td>LEASE - OIL AND GAS</td> <td>T. H. SEHORN</td> <td>JOE E. DENHAM</td> <td>5/28/1943</td> <td>10</td> <td>12</td> <td>24S</td> <td>36W</td> <td>18</td> <td>24S36W18</td> <td>24S-36W SECTION 18: SE/4</td> <td>KEARNY</td> <td></td>		LEASE - OIL AND GAS	T. H. SEHORN	JOE E. DENHAM	5/28/1943	10	12	24S	36W	18	24S36W18	24S-36W SECTION 18: SE/4	KEARNY	
C.A. LOUCIC SAND METE JEE DENVIUN JEE DENVIEND		LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	7/17/1941	80	198	24S	36W	8	24S36W8	245-36W SECTION 8: NW/4	KEARNY	
C E BETORTUN C E BETORTUN EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUFOLICOREDUCTION EMUEDICATION E		LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	JOE E. DENHAM	4/12/1943	8	469	24S	36W	8	24S36WB	245-36W SECTION B: NE/4	KEARNY	
Luct: Currant Curvan Currant Test Warvan Warreidian Alsond. Luct: Luct: Curvan Curvan Curvan Variation Alsond. Luct: Luct: <thluct:< th=""> Luct: Luct:</thluct:<>	-	LEASE - OIL AND GAS	C. E. BEYER ET UX	GULF OIL CORPORATION	6/7/1945	13	32	24S	36W	8	24S36W8	24S-36W SECTION 8: SE/4	KEARNY	
Lose of Antic Find R.S.ACCORNICK R.S.ACCORNICK <thrs.accornick< th=""> R.S.ACCORNICK R.S.A</thrs.accornick<>		LEASE - OIL AND GAS	FERN WRAY KLEIHEGE, A SINGLE WOMAN	JOE E. DENHAM	4/16/1943	6	503	24S	36W	8	24S36W8	245-36W SECTION 8: SW/4	KEARNY	
LG6E-0L-M0 GM WULP.ROTHETUK R.S.WCOGNICK M.S.WCOGNICK M.S.WCOGNIC		LEASE - OIL AND GAS	S. A. TATE, ET AL	P. S. MCCORMICK	4/12/1946	14	64	24S	38W	9	24S3BW6	24S-38W SECTION 7: LOTS 6 AND 7 AND THE E/2 SW/4	KEARNY	
LGGE- CIL AND GKG DAWI THOMAG A WIDOVER JI SATE A JI SATE A </td <td></td> <td>LEASE - OIL AND GAS</td> <td>WILL P. ROTH ET UX</td> <td>P. S. MCCORMICK</td> <td>4/12/1946</td> <td>14</td> <td>65</td> <td>24S</td> <td>38W</td> <td>7</td> <td>24S38W7</td> <td>245-38VV SECTION 7: NE/4</td> <td>KEARNY</td> <td></td>		LEASE - OIL AND GAS	WILL P. ROTH ET UX	P. S. MCCORMICK	4/12/1946	14	65	24S	38W	7	24S38W7	245-38VV SECTION 7: NE/4	KEARNY	
Lose: or. And God TW GATUA MAD WAFE LEAVE BATUAN JE ODONREL. 71.413-93 12 355 32W 12 3553743 Lose: OL. AND GAG EWMET FATUE AND DATTERHER GAMMEL NETALET MADULATION PATTERHER GAMMEL NETALET 2000 213 235 23W 21 25537423 Lose: OL. AND GAG EWMET FATUE YND AWN L STALET FIED C. KOCH 4/47344 213 235 23W 21 253 23W 21 25337423 Lose: OL. AND GAG EWMAN BILLADD AWNUL STALET FIED C. KOCH 4/47344 213 236 23W 21 25337423 Lose: OL. AND GAG FMMAN SULLADD AWNUL STALET A/47344 213 236 23W 23 25337423 Lose: OL. AND GAG MANA SURPLICE JE COONKILL 4/47344 111 270 253 23W 253 25337423 Lose: OL. AND GAG MANA SURPLICE JE COONKILL 4/47344 111 210 230 230 233 253 253 253 253 253 253		LEASE - OIL AND GAS	JOHN J THOMAS A WIDOWER	CHAMPLIN REFINING COMPANY	11/28/1950	21	493	25S	32W	19	25S32W19	25S-32W Sec. 19: Lots 3 & 4: E/2 SW/4: SE/4 (being the entire S/2)	FINNEY	
Lexes Current Circute Man DNY POTTRAHER Current Circute Man DNY POTTRAHER Current Circute Man DNY POTTRAHER Current Man DNY POTTRAHER <t< td=""><td></td><td>LEASE - OIL AND GAS</td><td>T W GATLIN AND WIFE LEONE B GATLIN</td><td></td><td>7/14/1943</td><td>11</td><td>377</td><td>25S</td><td>32W</td><td>61</td><td>25S32W19</td><td>25S-32W Sec. 13: N/2</td><td>FINNEY</td><td></td></t<>		LEASE - OIL AND GAS	T W GATLIN AND WIFE LEONE B GATLIN		7/14/1943	11	377	25S	32W	61	25S32W19	25S-32W Sec. 13: N/2	FINNEY	
Lexes - 0.L.ND 046 PRED C KOCH 467:344 13 237 235 32W 23 2332		LEASE - OIL AND GAS	EUNICE I POTTER AND ROY POTTER HER HUSBAND		9/8/1950	21	402	255	32W	21	25S32W21	255-32W Sec. 21: E/2	FINNEY	
Lose of modes Boundation method model FIED C (CH) 4,11344 13 355 324 235 3333 3333 3333 3333 3333 333		LEASE - OIL AND GAS	FRANK L STALEY AND ANNA L STALEY HIS WIFE	FRED C. KOCH	4/6/1944	£	237	255	32W	21	25S32W21	255-32W Sec. 21: WEST HALF LESS AND EXCEPT OIL RIGHTS IN THE SW/4	FINNEY	
EAGE-OL-MODGA OPPOTTERANDUMATENCE JE ODONELL 461344 13 246 232 232 235 2323 235 2323 235 2353 <		LEASE - OIL AND GAS	BENJAMIN BULLARD AND LOUISE H BULLARD HIS WIFE	FRED C. KOCH	4/14/1944	51	320	255	32W	28	25S32W2B	255-32W Sec. 28: NW/4	FINNEY	бE
EAGE-OLANDGAS THOMAGA, SEPICE AND LIME SPENCE HUGBAND MILE JE CODNNELL J121344 13 216 255 33W 28 55537W28 15533W28 LEAGE-OLANDGAS ANN DSCHERA MUDOW JE CODONNELL J8/1341 11 370 255 33W 28 25533W28 15533W28 LEAGE-OLANDGAS ERNEST MODOYSINGLE JE CODONNELL B/231341 11 330 255 33W 28 25533W28 15533W28 LEAGE-OLANDGAS ERNEST MODOYSINGLE JE CODONELL B/231341 11 340 215 255 33W 23 25533W28 15533W28 LEAGE-OLANDGAS ERNEST MODOYSINGLE JE CODONELL B/231341 11 145 215 33W 25 25534W15 15533W28 155533W28 155533W28 15533W28 155533W28 155533W28 155533W28 15553W28		LEASE - OIL AND GAS	ROY POTTER AND EUNICE I POTTER HUSBAND AND WIFE	JE O'DONNELL	4/6/1944	13	246	255	32W	28	25S32W2B	255-32W Sec. 28: E/2	FINNEY	
LEASE- OLAND GAS ANAD SCHERA WIDOW I EODONIELL 9/1341 11 370 255 33W 28 25533W28 2553		LEASE - OIL AND GAS	THOMAS A SPENCE AND LIDA SPENCE HUSBAND AND WIFE	JE O'DONNELL	4/12/1944	13	288	25S	32W	28	25S32W2B	255-32W Sec. 28: SW/4	FINNEY	
LEAE-OL-AND GAS ENERT MOODY SINGLE JE ODONNELL B2371341 11 339 235 33W 28 25533W28 25	1000	LEASE - OIL AND GAS	ANNA D SCHEER A WIDOW	J E O'DONNELL	9/4/1941	11	370	25S	33W	28	25S33W2B	255-33V/ Sec. 28: N/2: 5E/4	FINNEY	
LEAGE-OLI-AND GAS EARRET CMOOPYINGLE JE CDONNELL BZ31341 11 340 255 33W 28 25333W29 25533W29 25533W35 2	-	LEASE - OIL AND GAS	ERNEST MOODY SINGLE	JE O'DONNELL	8/23/1941	Ħ	339	25S	33W	28	25S33W28	255-33V/ Sec. 28: SW/4	FINNEY	
LEAGE-OL AND GAS ERNEST MOODY SINGLE JE ODONNELL R231434 11 339 235 33W 2353W29 2353W29 2353W29 2353W15 LEAGE-OLL AND GAS ORANGEJ BROWN AND AUGUSTA NORTHERN NATURALGAS 107313940 115 155 34W 155 25534W15 25534W15 LEAGE-OLL AND GAS UNITED STATES OF AVERICA BYTHE NORTHERN NATURALGAS 107313940 1015 255 34W 15 25534W35 UNITED STATES OF AVERICA BYTHE COMMANN UNITED STATES OF AVERICA BYTHE UNITED STATES OF AVERICA BYTHE 10731394 1655 34W 15 25534W35 25534W35 LEAGE-OLL AND GAS SECRETARY OF THE INTERIOR WHITE EAGLE OLL COMPANY 4///1346 15 216 217 21 213 21 25534W35 25534W		LEASE - OIL AND GAS	EARNEST C MOODY SINGLE	J E O'DONNELL	B/23/1941	Ħ	340	25S	33W	29	25S33W29	255-33W Sec. 29: N/2	FINNEY	
LEAGE-OIL AND GAN CE JEROWIN AND AUGUSTA NORTHERN NATURAL GAS 1073/1340 11 156 253 34W 15 25534W15 25534W15 LEAGE-OIL AND GAS BROWIN HIS WIFE UNITED STATES OF AMERICA BY THE 25534W32 25534W32 25534W32 LEAGE-OIL AND GAS SECRETARY OF THE INTERIOR UNITED STATES OF AMERICA BY THE UNITED STATES OF AMERICA BY THE 25534W32 25534W32 25534W32 25534W32 LEAGE-OIL AND GAS STELIA MAY SUTTON AND FRED SUTTON HIR UNITED STATES OF AMERICA BY AND UFFEGALE OIL COMPANY 4/5/1346 15 216 25 34W 33 25534W33 LEAGE-OIL AND GAS STELIA MAY SUTTON AND FRED SUTTON HIR UFFEGALE OIL COMPANY 4/5/1346 11 4/35 216 25 34W 33 25534W33 25534W33 LEAGE-OIL AND GAS STELIA MAY SUTTON AND FRED SUTTON HIR JE ODONNELL 9/25/1341 11 12 25 34W 33 25534W33 25534W33 LEAGE-OIL AND GAS BELLE BAHNTGE		LEASE - OIL AND GAS	ERNEST MOODY SINGLE	JE O'DONNELL	8/23/1941	Ħ	339	25S	MEE	29	25S33W29	255-33VV Sec. 29: S/2	FINNEY	
LEASE-OIL AND GAS UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR CM LANE 12/31/1938 16 589 255 3.4W 32 2553.4W32 LEASE-OIL AND GAS STELLA MAY SUTTON AND FRED SUTTON HER HUBBAND WHITE EAGLE OIL COMPANY 4/5/1946 15 316 255 3.4W 33 2553.4W33 LEASE-OIL AND GAS STELLA MAY SUTTON AND FRED SUTTON HER HUBBAND WHITE EAGLE OIL COMPANY 4/5/1946 15 316 255 3.4W 33 2553.4W33 LEASE-OIL AND GAS STELLA MAY SUTTON AND FRED MARGUERTTE SIN MIS JE ODONNELL 9/25/1941 11 435 255 3.4W 33 2553.4W33 LEASE-OIL AND GAS BELLE BAHYTGE FT AL FRED C.KOCH 3/21.944 11 435 255 3.4W 3 2553.4W33 LEASE-OIL AND GAS BELLE BAHYTGE FT AL FRED C.KOCH 3/71.944 11 212 255 3.4W 2 2553.4W33 LEASE-OIL AND GAS BELLE BAHYTGE FT AL FRED C.KOCH 3/71.944 11 2 2 2553.4W33 2553.4W33 <td></td> <td>LEASE - OIL AND GAS</td> <td>ORANGE J BROWN AND AUGUSTA BROWN HIS WIFE</td> <td>NORTHERN NATURAL GAS COMPANY</td> <td>10/29/1940</td> <td>н</td> <td>156</td> <td>25S</td> <td>34W</td> <td>15</td> <td>25S34W15</td> <td>255-34W Sec. 15: NE/4; NW/4; SE/4; SW/4</td> <td>FINNEY</td> <td>39</td>		LEASE - OIL AND GAS	ORANGE J BROWN AND AUGUSTA BROWN HIS WIFE	NORTHERN NATURAL GAS COMPANY	10/29/1940	н	156	25S	34W	15	25S34W15	255-34W Sec. 15: NE/4; NW/4; SE/4; SW/4	FINNEY	39
LEAGE OIL AND GAS STELIA MAY SUTTON AND FRED SUTTON HARD SERVICION WHITE EAGLE OIL COMPANY 4/5/1946 15 316 255 34W 33 25534W33 25536W2 25536W2 <th< td=""><td></td><td>LEASE - OIL AND GAS</td><td>UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KS 14595(W)</td><td>C M LANE</td><td>12/31/1938</td><td>16</td><td>589</td><td>255</td><td>34W</td><td>32</td><td>25534W32</td><td>255-34W Sec. 32: E12 SE14; N/2: W/2 SE14; SW/4;</td><td>FINNEY</td><td></td></th<>		LEASE - OIL AND GAS	UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KS 14595(W)	C M LANE	12/31/1938	16	589	255	34W	32	25534W32	255-34W Sec. 32: E12 SE14; N/2: W/2 SE14; SW/4;	FINNEY	
IEASE-OIL AND GAS STELLA SUTTON AND FRED SUTTON HAR JE OPDONNELL 9/25/1341 11 435 25S 34W 33 25S34W33 LEASE-OIL AND GAS MERLAR MONG GARGEH SUNN AND MARQUERTE SINN HARVING JE OPDONNELL 9/25/1341 11 435 25S 34W 33 25S34W33 LEASE-OIL AND GAS BELLE BRAHTGEET AL FRED C.KOCH 3/7/1341 11 12 75S 36W 2 25536W2 LEASE-OIL AND GAS C.A.LOUCKS AND RHODA OLLOUCKS J.E. O'DONNELL 8/1/341 8 356 25S 36W 2 25536W2 1 LEASE-OIL AND GAS C.A.LOUCKS AND RHODA OLLOUCKS J.E. O'DONNELL 8/1/341 8 356 2SS 36W 2 25536W2 1 LEASE-OIL AND GAS ELLAS CONPANY J.E. O'DONNELL 8/1/341 1 428 2SS 36W 2 25536W2 1 1 1 2 25536W2 1 1 1 1 1 1 1 1 1 1 1		LEASE - OIL AND GAS	STELLA MAY SUTTON AND FRED SUTTON HER HUSBAND		4/5/1946	15	316	25S	34W	33	25S34W33	25S-34W Sec. 33: S/2 S/W/4; S/2 SE/4	FINNEY	
LEAGE-OIL AND GAS BELLE BAHNTGE ET AL FRED C. KOCH 37/1944 11 12 255 36W 2 25358W2 25536W2		LEASE - OIL AND GAS	STELLA SUTTON AND FRED SUTTON HER HUSBAND AND GEORGE H SINN AND MARGUERITE SINN HIS WIFE		9/25/1941	н	435	25S	34W	33	25S34W33	255-34W Sec. 33: N/2 SE/4: N/2 SW/4; NE/4; NW/4	FINNEY	
LEASE-OIL AND GAS C.A.LOUCKS AND RHODA D.LOUCKS J. E. O'DONNELL B/1/19/1 B 356 255 36W 2 25358/V2 25536/V2 LEASE-OIL AND GAS ELLA CONDRA FIN-KER OIL & GAS 37.6/19/10 7 4.28 36W 2 25536/V2		LEASE - OIL AND GAS	BELLE B BAHNTGE ET AL	FRED C. KOCH	3/2/1944	п	12	25S	36W	2	25S36W2	255-36W SECTION 2: SW/4	KEARNY	
LEASE - OIL AND GAS ELLA CONDRA FIN-KER OIL & GAS 3126/1940 7 428 25S 36W 2 25535W2 LEASE - OIL AND GAS J. B. CARMICHAEL STANOLIND OIL & GAS COMPANY 4/18/1944 11 66 25S 36W 2 25536W2		LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	8/1/1941	8	356	25S	36W	2	25S36W2	25S-36W SECTION 2: LOTS 1. 2. AND THE SW/W NE/4	KEARNY	
LEASE - OIL AND GAS J. B. CARMICHAEL STANOUND OIL & GAS COMPANY 418/1944 11 66 255 36W 2		LEASE - OIL AND GAS	ELLA CONDRA	FIN-KER OIL & GAS	3/16/1940	7	428	25S	36W	2	25S36W2	25S-36W SECTION 2: SE/4	KEARNY	
		LEASE - OIL AND GAS	J. B. CARMICHAEL	STANOLIND OIL & GAS COMPANY	4/18/1944	Ħ	99	25S	збW	2	25S36W2	255-36W SECTION 2: NW/4 NW/4	KEARNY	

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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	JOHN B. CARMICHAEL	FIN-KER OIL & GAS	4/12/1940	2	543	255	36W	2	25S36W2	255-36W SECTION 2: NE/4 NW/4, S/2 NW/4	KEARNY	
LEASE - OIL AND GAS	MARJORIE G. PIPER ET VIR	FRED C. KOCH	3/28/1944	Ħ	6	255	збW	ю	25536W2	25S-36W SECTION 2: EAST 100 ACRES OF THE SE4 DESCRIBED AS FOLLOWS: COMMENCING AT THE SE4 DESCRIBED AS FOLLOWS: COMMENCING AT THE SE4 OF SAD SECTION 2: RUNNING THENCE WEST ON SECTION LINE 100 RODS: THENCE EAST 100 RODS: THENCE SOUTH 160 RODS TO PLACE OF BEGINNING	KEARNY	
LEASE - OIL AND GAS	CARRIE M. BURNS AND CLYDE E. BURNS, HER HUSBAND	JOE E. DENHAM	3/14/1944	11	26	25S	37W	9	25S37W6	255-37W SECTION 6: NW/4	KEARNY	
LEASE - OIL AND GAS	CLYDE E. BURNS AND CARRIE M. BURNS, HIS WIFE	JOE E. DENHAM	3/14/1944	11	25	25S	37W	9	25S37W6	255-37W SECTION 6: SW/4	KEARNY	
LEASE - OIL AND GAS	J. E. HEINTZ AND MARGARET M. HEINTZ, HIS WIFE	J. E. O'DONNELL	7/22/1941	8	223	25S	37W	9	25S37W6	255-37W SECTION 6: SE/4	KEARNY	
LEASE - OIL AND GAS	THE LAKIN STATE BANK	JOE E. DENHAM	8/5/1943	10	272	25S	37W	ø	25S37W6	255-37W SECTION 6: LOTS 1 AND 2: S/2 NE/4 (BEING ALL OF THE NE/4)	KEARNY	
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	
LEASE - OIL AND GAS	JOSEPH J GIGOT AND ROSA GIGOT HUSBAND AND WIFE	JE O'DONNELL	4/10/1944	13	265	265	32W	15	26S32W15	26S-32W Sec. 15: S/2	FINNEY	
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	
LEASE - OIL AND GAS	LAWRENCE ALOYSIUS OHMES A SINGLE MAN	CHAMPLIN REFINING COMPANY	11/3/1950	21	478	26S	32W	22	26S32W22	265-32VV Sec. 22: NE/4	FINNEY	
LEASE - OIL AND GAS	MARION K SALMANS AND AGNES SALMANS HIS WIFE	FRED C. KOCH	4/20/1944	14	666	265	32W	22	26S32W22	265-32W Sec. 22: N/2 N/V/4	FINNEY	
LEASE - OIL AND GAS	MARTIN HEIMAN AND LENA HEIMAN HIS WIFE	FRED C. KOCH	4/21/1944	EL E	299	26S	32W	22	26S32W22	265-32W Sec. 22: S/2 NW/4	FINNEY	
LEASE - OIL AND GAS	JOHN W NOLAN AND GLADYS NOLAN HIS WIFE	JE O'DONNELL	B/27/1941	п	328	26S	MEE	13	26S33W13	265-33W Sec. 13: W/2	FINNEY	
LEASE - OIL AND GAS	S H STRACKELOHN AND LADY RUTH STRACKELOHN HIS WIFE	FRED C. KOCH	7/16/1943	12	381	26S	MEE	13	26S33W13	265-33W Sec. 13: E/2	FINNEY	
LEASE - OIL AND GAS	AGNES P RIGG A WIDOW	E PAUL HATRELD	2/15/1943	12	182	26S	MEE	9	26S33W6	265-33VV Sec. 6: SW/4 SW/4; E/2 SW/4; SE/4; NW/4 SV/4	FINNEY	
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	
LEASE - OIL AND GAS	LEON E THOMAS A SINGLE MAN	NORTHERN NATURAL GAS COMPANY	11/25/1944	14	489	265	33W	œ	26S33WB	26S-33W Sec. 8: E/2 NE/4	FINNEY	
LEASE - OIL AND GAS	LUKE MOWBRAY AND DENA U MOWBRAY HUSBAND AND WIFE	E PAUL HATFIELD	4/1/1943	12	237	26S	MEE	80	26S33WB	265-33V/ Sec. 8: SW/4	FINNEY	39
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	265	34W	12	26S34W12	265-34W Sec. 12: N/2	FINNEY	
LEASE - OIL AND GAS	JENNIE BARKER A WIDOW	MAGNOLIA PETROLEUM COMPANY	5/2/1945	15	46	26S	34W	12	26S34W12	26S-34VV Sec. 12: S/2	FINNEY	
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	
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	265	34W	14	26S34W14	265-34W SECTION 14: N/2	FINNEY	
LEASE - OIL AND GAS	IRA B HATFIELD A SINGLE MAN	E PAUL HATFIELD	2/6/1943	12	117	26S	34W	15	26S34W15	265-34W Sec 15: 5/2	FINNEY	

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County	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	FINNEY	HASKELI	HASKELI	HASKELL	HASKELI	HASKELI	HASKELI	HASKELI	HASKELL	HASKELL	HASKELL
Legal Description	265-34W Sec. 15: N/2	265-34W Sec. 15: N/2	265-34W Sec 16: 5/2	265-34W Sec. 16: 5/2	265-34W Sec. 16: N/2	26S-34W Sec 19: All	265-34W Sec 5: Lott 1 & 2: S/2 NE/4	26S-34W Sec. 5: Lots 3 & 4; S/2 NW/4	265-34W Sec. 5: Lots 1 & 2: S/2 NE/4	265-34W Sec. 5: S/2	265-34W Sec. 7: NE/4	265-34W Sec. 7: Lots 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	285-34W Soc. 29: SE/4	28S-34W Sec. 29: SE/4	285-34W Sec. 32: SW/4	28S-34W Sec. 32: NW/4	285-34W Sec. 32: NE/4	28S-34W Sec. 32: NW/4	295-34W Sec. 10: NW/4 SW/4; NW/4; S/2 SW/4 Limited to the wellbor of the MLP Tiller A-2 (API 150812.1616)	295-34W Sec. 10: SE/4 I Imitod to the wullbrond of the
Concatenate	26S34W15	26S34W15	26S34W16	26S34W16	26S34W16	26S34W19	26S34W5	26S34W5	26S34W5	26S34W5	26S34W7	26S34W7	26S34WB	28S33W26	28S34W1	28S34W29	28S34W29	2BS34W32	28S34W32	28S34W32	28S34W32	29S34W10	29S34W10
Section	15	15	16	16	16	19	a	S	ß	s	7	7	80	26	H	29	29	32	32	32	32	10	10
Range	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	33W	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	26S	265	26S	26S	26S	26S	265	265	265	26S	26S	26S	26S	28S	28S	28S	28S	28S	28S	28S	28S	29S	295
Page	385	542	385	543	N/A	639	7	328	324	606	312	258	444	580	64	ю	504	295	m	165	504	514	540
Book	11	15	11	15	N/A	12	17	19	19	11	Ħ	16	11	m	13	9	m	9	9	9	в	m	m
Date	9/11/1941	8/1/1946	1401/11/6	8/1/1946	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	J E 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
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
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	2	2	7	2	2	2	2	2	2	2	2	ю	м	и	И
County	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL	HASKELL
Legal Description	295-34W Sec. 11: SW/4: E/2 NW/4	295-34W Sec. 12: SW/4	295-34W Sec. 13: N/2	295-34W Sec. 13: SW/4	295-34W Sec. 13: SE/4	295-34W Sec. 14: SW/4	295-34W Sec. 14: SE/4	295-34W Sec. 14: NE/4: NW/4	295-34W Soc. 14: NE/4	295-34W Sec. 14: NW/4	295-34VV Sec. 22: S/2 NE/4: NE/4: NE/4	295-34W Sec. 26: SW/A SE/A: S/2 SE/A SE/A: S/2 NE/A SE/A: N/2 SE/A SE/A: N/2 NV/4 SE/A: N/2 NE/A SE/A Limited to the wellbores of the MLP Santala 2-36 (API 1509121177; MLP Santala A-1-26 (API 1509120170), and MLP Santala A-1-26 (API 1500120169)	295-34/V Sec. 26: NW/4 NW/4: SV/4 NW/4: SE/4 NW/4: SE/4 NE/4: NE/4 NW/4: S/2 SV/4 AE/4: N/2 SV/4 NE/4: N/2 NE/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121172), MLP Santala 3-26 (API 1508120150), and MLP Santala A-1-26 (API 1508120150)	295-34W Sec. 28: SW/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121172), MLP Santala 3-26 (API 1508120858) Santala A-1-26 (API 1508120858)	Less and except the wellbores of the MLP Santala 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	29534W14	29S34W14	29S34W14	29S34W22	29S34W26	29S34W26	29S34W26	29S34W27
Section	Ħ	12	ព	13	13	14	14	14	14	14	22	56	26	26	27
Range	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W	34W
Township	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S	29S
Page	9	407	230	517	509	489	234	230	232	221	183	537	511	230	178
Book	4	ю	m	m	m	4	2	'n	2	2	2	m	m	m	р
Date	1/13/1943	12/18/1942	1/12/1943	1/11/1943	1/13/1943	3/20/1944	4/23/1934	12/2/1944	4/23/1934	4/23/1934	4/25/1934	1/11/1943	1/11/1943	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 INC	UNITED PRODUCING COMPANY INC	UNITED PRODUCING COMPANY INC	ALDEN W FOSTER
Original Lessor	KATHARINA STUCKY A WIDOW: SOLOMON S STUCKY AND CELIA STUCKY HIS WIFE ET AL	CHARLES KOENIG AND HULDAH KOENIG HIS WIFE	GRACE HUNGATE A WIDOW; MYRON L HUNGATE AND GLADYS HUNGATE HIS WIFE ET AL	PEARL D. WRIGHT AND S. EDMUND WRIGHT	PEARL WARNER ET AL	FRED W SCHROEDER A SINGLE MAN	J B WRIGHT AND LAURA A WRIGHT HIS WIFE	MYRON YUNCKER A SINGLE MAN AND AN INCOMPETENT PERSON BY EMMA R YUNCKER GUARDIAN OF HIS PERSON AND ESTATE	WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE	WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE	NONA WHITNAH A SINGLE LADY	CHAS E LESUE AND MYRTLE I LESUE HIS WIFE	FRANK MCCOY AND ETTA MCCOY HIS WIFE	SOUTH-WESTERN COLLEGE A CORPORATION	HANNAH FOSTER A SINGLE WOMAN
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	30070000	30043000	30076000	82815000	82816000	30069000	30068000	30065001	30065003	30065002	30087000 67290000	30064000	30063000 67311000	30062000	30088000 67295000

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Adreement #	Adreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30089000	LEASE - OIL AND GAS	RUBY GRACE SCHMITT AND H M	ALDEN W FOSTER	4/25/1934	2	171	29S	34W	27	29S34W27	295-34W Sor 77-SW/4 SW/4 SW/4 FV7 SW/4	HASKELL	2
30090000 67297000	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: SEA SEA; EZ NW/4 SEA; EZ NEA SEA; W/2 NE/4 SEA; W/2 NW/4 SEA; EZ/4 SEA LESS AND EXCEPT THE MLP KOBING 1-28 WELL (API 15- 081-21029-0001) AND THE MLP KOBING 2-28 WELL (API 15-081-21031) AND THE MLP KOBING 2-28 WELL (API	HASKELL	8
30082000	LEASE - OIL AND GAS	JOHN D G STUCKY AND SOPHIA STUCKY HIS WIFE	UNITED PRODUCING COMPANY INC	9/1/1943	4	349	29S	34W	29	29S34W29	295-34W Sec. 29: NE/4	HASKELL	2
30060000 67316000	LEASE - OIL AND GAS	C L HUXMAN AND FLORENCE HUXMAN HIS WIFE	UNITED PRODUCING COMPANY INC	2/26/1944	4	444	29S	34W	34	29S34W34	295-34W Sec. 34: S/2 SW/4 SE/4; S/2 NW/4 SE/4; N/2 SW/4 SE/4; N/2 NW/4 SE/4; E/2 SE/4	HASKELL	2
30059000	LEASE - OIL AND GAS	JAMES F MOYER AND WIFE ANNA MOYER	ALDEN W FOSTER	5/21/1934	2	192	29S	34W	34	29S34W34	29S-34W Sec. 34: NW/4	HASKELL	2
30061000 67318000	LEASE - OIL AND GAS	M E THRELKELD AND J D THRELKELD HER HUSBAND	JOE E. DENHAM	8/9/1943	4	312	29S	34W	34	29S34W34	29S-34W Sec. 34: SW/4 SW/4: NW/4 SW/4: E/2 SW/4	HASKELL	2
30102001 67319001	LEASE - OIL AND GAS	CLARA VAIL A WIDOW; OLUS H VAIL AND MYRA VAIL HIS WIFE ET AL	UNITED PRODUCING COMPANY INC	10/14/1944	ы	287	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
30102003 67319003	LEASE - OIL AND GAS	EUROMEX OIL COMPANY INC	W B OSBORN	5/25/1946	2	327	29S	34W	35	29S34W35	295-34W Sec. 35: SW/4 SW/4; SW/4 NW/4; NW/4 SW/4; NW/4 NW/4; E/2 W/2; E/2	HASKELL	2
30102002 67319002	LEASE - OIL AND GAS	JOHN J FLEET AND JUANIECE FLEET HIS WIFE AND HAZEL T FLEET, EXECUTRIX OF THE ESTATE OF D F FLEET DECEASED	W B OSBORN	12/14/1944	9	260	29S	34W	35	29S34W35	295-34W Sec. 35: E/2 W/2: E/2: NW/4 SW/4: SW/4 SW/4: NW/4 NW/4	HASKELL	2
30102004 67319004	LEASE - OIL AND GAS	W B OSBORN AND JEWEL H OSBORN HIS WIFE	UNITED PRODUCING COMPANY INC	12/14/1946	2	585	29S	34W	35	29S34W35	295-34W Sec 35: NW/4 SW/4; SW/4 NW/4; NW/4; E/2 W/2; E/2: SW/4 SW/4	HASKELL	2
N/A	TERM MINERAL DEED	ANADARKO PETROLEUM CORPORATION	MERIT PARTNERS, L.P., ET AL	EFFECTIVE 9/1/2004	181	674	29S	34W	4	29S34W4	29S-34W Sec.4: NW/4	HASKELL	2
30084000	LEASE - OIL AND GAS	ALFRED J COLLINGWOOD AND EDNA COLLINGWOOD HIS WIFE	PANHANDLE EASTERN PIPE LINE CO	4/30/1942	e	343	29S	34W	8	29S34WB	295-34W Sec. 8: NW/4: NE/4	HASKELL	7
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	m	156	29S	35W	13	29S35W13	295-35W SECTION 13: SW/4	GRANT	2
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	m	156	29S	35W	23	29S35W23	295-35W SECTION 23: NE/4	GRANT	2
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	m	156	29S	35W	24	29S35W24	295-35W SECTION 24: NW/4	GRANT	2
30015000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	m	155	29S	35W	24	29S35W24	295-35W SECTION 24: NE4, S/2	GRANT	7
30016000	LEASE - OIL AND GAS	AS EDWIN O. STUART BEING THE SAME PERSON AS EDWIN O. STUART) AND EVA A.	ALDEN W. FOSTER	7/6/1934	m	161	29S	35W	28	29S35W2B	29S-35W SECTION 28: E/2 SE/4	GRANT	2
33171000 95561000 59528000	LEASE - OIL AND GAS	BERT W MCGINNIS AND EVAJ MCGINNIS HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/15/1934	192	308	ZN	14ECM	22	2N14ECM22	2N-14ECM 5cc 22: W//4 LIMITED TO THE WELLAORE ONLY OF THE BOWEN 1-22 WELL (API 3513922624)	TEXAS	
33170000 95562000 60253000	LEASE - OIL AND GAS	EFFIE BOWEN A WIDOW	STANLEY MARSH JR	4/6/1940	217	180	ZN	14ECM	22	2N14ECM22	2N-14ECM Sec.25 W/4 LIMITED TO THE WELL ART SOLITY OF THE BOWEN 1-22 WELL (ART 3513922624)	TEXAS	
33085000	LEASE - OIL AND GAS	CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE ESTATE	ORRIN F TUCKER	10/20/1953	252	265	SN	19ECM	8	2N19ECM8	2N-19ECM Sec. 8: NE/4	TEXAS	28

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33084000	LEASE - OIL AND GAS	CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE TRUST ESTATE	SINCLAIR OIL & GAS COMPANY	4/5/1952	257	523	ZN	19ECM	8	2N19ECM8	2N-19ECM Sec 8: SE/4	TEXAS	28
33082001	LEASE - OIL AND GAS	GEORGE S GILBERT AND EMMA GILBERT HUSBAND AND WIFE	UNION OIL COMPANY OF CALIFORNIA	12/15/1951	307	523	ZN	19ECM	8	2N19ECM8	2N-19ECM Sec. 8: W/2	TEXAS	28
33082002	LEASE - OIL AND GAS	THE RESERVE PETROLEUM COMPANY	UNION OIL COMPANY OF CALIFORNIA	7/23/1952	294	210	ZN	19ECM	8	2N19ECM8	2N-19ECM Sec. B: W/Z	TEXAS	28
31737000	LEASE - OIL AND GAS	ROY B RAVENSCROFT AND ROSE E RAVENSCROFT HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/8/1954	141	371	ZN	20ECM	13	2N20ECM13	2N-20ECM Sec. 13: S/2 SW/4	BEAVER	ю
31734000	LEASE - OIL AND GAS	SIH HIN	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/3/1945	21	231	ZN	22ECM	28	2N22ECM28	2N-22ECM Sec. 28: SW/4 SW/4	BEAVER	m
31735000	LEASE - OIL AND GAS	RAYMOND SMITH AND LAVAUN SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/3/1945	21	412	ZN	22ECM	28	2N22ECM28	2N-22ECM Sec. 28: N/2 SW/4; SE/4 SW/4	BEAVER	ю
31734000	LEASE - OIL AND GAS	GREEN T C SMITH AND MARY I SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/3/1945	21	231	ZN	22ECM	29	2N22ECM29	2N-22ECM Sec. 29: SE/4 SE/4	BEAVER	e
31735000	LEASE - OIL AND GAS	RAYMOND SMITH AND LAVAUN SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/3/1945	21	412	ZN	22ECM	29	2N22ECM29	2N-22ECM Sec. 29: SW/4 SE/4	BEAVER	m
30058000 67307000	LEASE - OIL AND GAS	ILLINOIS BANKERS LIFE ASSURANCE COMPANY	UNITED PRODUCING COMPANY INC	6/28/1941	m	289	30S	34W	2	30S34W2	305-34W Sec. 2: W/2 NW/4 NW/4 Limited to the wellbores of the MLP Black 1-2 (AP) 1508121236), MLP Black 2-2 (AP) 1508121444), MLP Black 3-2 (AP) 1508121459) and	HASKELL	ю
30035000	LEASE - OIL AND GAS	FLORENCE BELLE MOSBARGER AND G H MOSBARGER HER HUSBAND	THE DERBY OIL COMPANY	1/22/1941	m	235	SOE	34W	27	30S34W27	MLP Black 4-2 (API 150B121499) 30S-34W Sec. 27: NW/4	HASKELL	2
30037000	LEASE - OIL AND GAS	JAMES W SMITH AND LIZZIE SMITH HIS WIFE	THE DERBY OIL COMPANY	1/28/1941	m	245	305	34W	27	30S34W27	305-34W Sec. 27: All that part of the SW4 lying South and East of the North and West line of the right-of-way of the Dodge City and Cimarron Valley Railway Company as more particularly described in the lease.	HASKELL	2
30038000	LEASE - OIL AND GAS	PAULINE MURPHY ET VIR	THE DERBY OIL COMPANY	1/22/1941	m	236	30S	34W	27	30S34W27	305-34VV Sec. 27: SVV/4	HASKELL	2
0006E00E	LEASE - OIL AND GAS	A J BRYANT ET UX	THE DERBY OIL COMPANY	1/21/1941	ю	234	SOE	34W	28	30S34W2B	30S-34W Sec. 28: NE/4	HASKELL	2
30040000	LEASE - OIL AND GAS	EDWIN WARNER A SINGLE MAN	THE DERBY OIL COMPANY	1/21/1941	m	233	SOE	34W	28	30S34W2B	305-34W Sec. 28: N/2 SE/4	HASKELL	2
30036000	LEASE - OIL AND GAS	L O STANLEY ET UX	THE DERBY OIL COMPANY	1/24/1941	m	195	30S	34W	28	30S34W2B	30S-34W Sec. 28: S/2 SE/4	HASKELL	2
30107000 67321000	LEASE - OIL AND GAS	A R SWINDLER AND ANNA SWINDLER	THE UNION OIL & ROYALTY COMPANY	9/28/1931	ч	298	30S	34W	m	30S34W3	30S-34W Sec. 3: SW/4 SW/4: SE/4 SW/4: NW/4 SW/4: NE/4 SW/4	HASKELL	2
00060029 0006000	LEASE - OIL AND GAS	EDWIN P SMITH AND CHARLOTTE M SMITH HIS WIFE	UNITED PRODUCING COMPANY INC	9/21/1942	m	248	30S	34W	3	30S34W3	305-34W Sec. 3: Lots 1 and 2: SE/4 NE/4; SW/4 NE/4	HASKELL	2
30091000 67300000	LEASE - OIL AND GAS	J W ONIONS AND EARLAMES EXECUTORS AND TRUETEES UNDER THE LAST WILL AND TESTAMENT OF GRANT BLACK NAKA UG BLACK AND AU G GRANT BLACK DECEASED	UNITED PRODUCING COMPANY INC	7/1/1244	ω	m	SOE	34W	m	30S34W3	Sec. 3: SWIA NE4 SEA. 33-34V Sec. 3: SWIA NE4 SEA: W12 SWIA SEA: SWIA 1W14: SEA SWIA SEA: SEA NW14. SEA: SEA NW14. NW14 SEA: SEA: NW14. NW14. NW14. SEA: SEA NW14. SEA: NE4 NW14. SEA: NE4 NW14. SEA. SEA.	HASKELL	2
30080000	LEASE - OIL AND GAS	J J WALTON AND MARY ADITH WALTON HIS WIFE	UNITED PRODUCING COMPANY INC	9/10/1942	m	406	SOE	34W	4	30S34W4	305-34W 56c. 4: N/2 NW/4 5E/4; SW/4 NE/4; S/2 SW/4 SE/4; S/2 SW/4 NE/4; S/2 NW/4 SE/4; NW/4 NE/4; N/2 SW/4 SE/4; E/2 SE/4; N/2 SW/4 NE/4	HASKELL	2
30095000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	7	175	30S	34W	ß	30S34W5	30S-34W Sec 5: SW/4	HASKELL	2
30094000 67302000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY	ALDEN W FOSTER	5/28/1934	7	174	30S	34W	2	30S34W5	30S-34W See 5: SF/4 SF/4: NF/4 SF/4: F/7 SF/4	HASKELL	2

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30092000	"	H P ROONEY AND MARGUERITE ROONEY	ALDEN W FOSTER	5/28/1934	2	172	30S	34W	'n	30S34W5	30S-34W Soc 5: NE/4	HASKELL	ч
00026002	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	2	173	305	34W	u	30S34W5	305-34W Sec 5: NW/4	HASKELL	2
N/A	LEASE - OIL AND GAS	O. W. HUTTON AND BESSIE W. HUTTON, HIS WIFE	UNITED PRODUCING COMPANY.	10/16/1937	4	247	305	35W	14	30S35W14	30S-35W SECTION 14: NW/4	GRANT	2
3002000	LEASE - OIL AND GAS	CLYDE M LAWRENCE AND ETHEL M.	UNITED PRODUCING COMPANY,	3/24/1944	7	106	SOE	35W	15	30S35W15	30S-35W SECTION 15: N/2 NE/4	GRANT	2
29997000	LEASE - OIL AND GAS	R. G. KLEIN, ET UX	INTERSTATE PRODUCTION	9/4/1936	'n	469	305	35W	23	30S35W23	30S-35W SECTION 23: NE/4	GRANT	2
30020000	LEASE - OIL AND GAS	CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE	UNITED PRODUCING COMPANY,	3/24/1944	7	106	SOE	35W	25	30S35W25	30S-35W SECTION 25: SW/4	GRANT	2
30010000	LEASE - OIL AND GAS	E. H. ELLIOTT AND MYRTLE ELLIOTT, HIS WIFE	NORTHERN NATURAL GAS COMPANY	6/16/1943	2	m	SOE	35W	25	30S35W25	30S-35W SECTION 25: SE/4	GRANT	2
30025004	LEASE - OIL AND GAS	DELLA M. ROBINSON, GUARDIAN	UNITED PRODUCING COMPANY, INC.	3/13/1948	10	157	SOE	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	7
30025002	LEASE - OIL AND GAS	EDNA BILBERY ET AL	UNITED PRODUCING COMPANY. INC.	11/8/1947	10	179	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30025003	LEASE - OIL AND GAS	EDNA BILBERY, GUARDIAN	UNITED PRODUCING COMPANY. INC.	11/8/1947	10	178	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30021000	LEASE - OIL AND GAS	PEARL B, LINSCOTT AND M. R. LINSCOTT, HER HUSBAND		3/15/1944	7	140	30S	35W	26	30S35W26	30S-35W SECTION 26: NW/4 SW/4	GRANT	7
30025001	LEASE - OIL AND GAS	R. M. SHAW, A WIDDOWER	UNITED PRODUCING COMPANY, INC.	5/5/1948	10	163	SOE	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	7
300090000	LEASE - OIL AND GAS	T. J. WAGNER, JR. AND ANNE WAGNER, HIS WIFE	UNITED PRODUCING COMPANY, INC.	10/10/1944	7	199	305	35W	26	30S35W26	30S-35W SEC. 26: SE/4	GRANT	2
29999000	LEASE - OIL AND GAS	HUGH HOOPER AND PEARL HOOPER, HIS WIFE		6/10/1947	10	75	SOE	35W	28	30S35W28	30S-35W SECTION 28: N/2 NE/4, N/W NW/4	GRANT	2
30012000	LEASE - OIL AND GAS	ALBERT A. GOERING ET AL	UNITED PRODUCING COMPANY, INC.	9/4/1942	6	134	SOE	35W	m	EW3ESOE	30S-35W SECTION 3: SW/4	GRANT	2
30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	2
30244001	LEASE - OIL AND GAS	FRED C. KOCH ET UX	WOOD RIVER OIL & REFINING CO. ET AL	1/17/1947	75	514	31S	34W	17	31S34W17	31S-34W SECTION W/2 AND W/2 NE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	315	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	7
30244002	LEASE - OIL AND GAS	HOME ROYALTY ASSOCIATION INC.	WOOD RIVER OIL & REFINING CO. ET AL	6/3/1946	74	158	31S	34W	17	31S34W17	31S-34W SECTION W/2 AND W/2 NE/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	315	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	2
30250000	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	BEN F. BLACK	1/14/1946	75	220	31S	34W	17	31S34W17	31S-34W SECTION 17: S/2 SE/4	SEWARD	2
30246000	LEASE - OIL AND GAS	PATRICK H. DAY ET UX	JOE E. DENHAM	4/28/1943	47	531	31S	34W	17	31S34W17	31S-34W SECTION 17: E/2 NE/4	SEWARD	2
30263000 67328000	LEASE - OIL AND GAS	W. V. GRIFFITH ET UX	UNITED PRODUCING COMPANY INC	5/12/1948	85	116	315	34W	18	31S34W1B	31S-34W SECTION 18: N/2 SE/4, SW/4 SE/4 SPECIFICALLY LESS AND EXCEPT THE SE/4 SE/4	SEWARD	7
30262000 67327000	LEASE - OIL AND GAS	W. V. GRIFFITH ET UX	UNITED PRODUCING COMPANY INC	5/12/1948	85	115	31S	34W	18	31S34W18	31S-34W SECTION 18:SW/4 NE/4, NE/4 NE/4	SEWARD	7
30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	0061/6/E	69	19	31S	34W	20	31S34W20	31S-34W SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	20	31S34W20	31S-34W SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	20	31S34W20	31S-34W SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30250000	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	BEN F. BLACK	1/14/1946	75	220	31S	34W	20	31S34W20	31S-34W	SEWARD	2

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Index total Index total <thindex th="" total<=""> <thindex th="" total<=""></thindex></thindex>	0247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX .	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	2
Instruction Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	0247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	2
Instruction Test (1)	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
Instruction Instruction <thinstruction< th=""> <thinstruction< th=""></thinstruction<></thinstruction<>	30213000	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	FRED C. KOCH	5/1/1944	ч	615	315	34W	22	31S34W22	31S-34W SECTION 22: W/2 NW/4	SEWARD	2
Instruction Control control Control control Contro Cont	30251000 66132000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION	FRED C. KOCH	4/3/1944	г,	603	31S	34W	23	31S34W23	31S-34W SECTION 23: SE/4	SEWARD	2, 16
Instruction Omethy monthy control Statute Statute Statute Statute Statute Statute Lot: Curvoide U. Curbonoutri Monthy control Statute Statute Statute Statute Lot: Curvoide U. Curbonoutri Monthy control Statute Statute Statute Statute Lot: Curvoide Curvoite Mont control Statute	30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
Index curveds Control (c)	30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
Jose - Guodo de Touron de Constructione Jose -	30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	SIE	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
Observatione Constant Monometrie Answerse Ansewerse Answerse Answe	30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
Instructioned University Nomenery without of the second o	30206000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	187	31S	34W	29	31S34W29	31S-34W SECTION 29: E/2 SE/4	SEWARD	2
Loss of	30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
LGG - 0.L MOGK FRED RELITY INC. CHEST RECOLCAMPANY APPI ADD <	30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
LGEC.CLANDGA ROBERTY.LARCOVETUX LLDEN VEGTER 711134 LG 313 313-34 SECTIONAL LEGE.CLANDGAS CHARLEYOLMETUX LLDEN VEGTER 751334 LG 313 SECTIONAL	30288000	LEASE - OIL AND GAS	FRED M. BEATY ET UX	CITIES SERVICE OIL COMPANY	4/9/1943	47	547	31S	34W	9E	31S34W36	312-34W SECTION 36: E/2	SEWARD	2
Lote: out, houseUnderse	30255000	LEASE - OIL AND GAS	ROBERT Y. HARLOW ET UX	ALDEN W FOSTER	7/11/1934	44	638	31S	34W	4	31S34W4	315-34W SECTION 4: W/2 NW/4	SEWARD	2
Lexes -0.LAND GASJOHN DAYALDEN WFDSTER7/5/1344/46/293/153/14W53/154M/S3/15-34M3/15-34MLEXES -0.LAND GASROBETY HALLOW ETUXALDEN WFDSTER7/11/1344/46/393/153/4W53/1534M/S3/15-34M3/15-34M3/15-34MLEXES -0.LAND GASRADEK MACLOW ETUXMLDEN WFDSTERN7/11/13416/116/118/11-15	30260000 67325000	LEASE - OIL AND GAS	CHARLES YOUNG ET UX	ALDEN W FOSTER	7/5/1934	44	632	315	34W	ß	31S34W5	315-34W SECTION 5: N/2 SW/4, S/2 SE/4, SE/4 SW/4, SW/4 SW/4	SEWARD	7
Lested-LandousRedericy Handower fuxALDBN WFOFTER71/13434463534053343360353.343360Lested-LandouxRemets And Mercurnis XannoulFED C KOCH4/413644/41364111	30259000 67324000	LEASE - OIL AND GAS	YAU DAY	ALDEN W FOSTER	7/5/1934	44	629	315	34W	5	31S34W5	31S-34W SECTION 5: LOT 2. SW/4 NE/4, NW/4 SE/4, NE/4 SE/4	SEWARD	2
Lesse-oL-ANDGASFREMERCANTIS NATIONAL EARCE KOCHRED CACH44/1954161531534W831534WB315-34WLesse-oL-ANDGASFRED KACH FLUXWOD RWFRINGCO1/1/19477551431534W8315-34W315-34WLesse-oL-ANDGASSANTA FERENCOMPANYWOD RWFRIUGW1/1/19477551431534W8315-34W315-34WLesse-oL-ANDGASSANTA FERENCOMPANYWOD RWFRIUGW1/1/19471/1/194731931534W8315-34W315-34WLesse-oL-ANDGASSANTA FERENCOMPANYMADARO FFROLEM1/1/19471/1/1947319310315-34W315-34WLesse-oL-ANDGASSANTA FERENCOMPANYMADARO FFROLEM1/1/19471/1/1947314314315-34W315-34WLesse-oL-ANDGASSANTA FERENCY FEROURDEN1/1/19441/1312314316315-34W315-34WLesse-oL-ANDGASULSA KENDORESINC1/1/19441/131231431315-34W315-34WLesse-oL-ANDGASULSA KENDORESINC1/1/19441/131231310315-34W315-34WLesse-oL-ANDGASULSA KENDORESINCULSA KENDORESINC1/1/19441/1312310315-34W315-34WLesse-oL-ANDGASULSA KENDORESINCULSA KENDORESINCULSA KENDORESINC1/1/19441/1313315-34W315-34W315-34WLesse-OL-ANDGASULSA KENDORESINCULSA KENDORESINCULSA KENDORE	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
IEASE-OIL AND GAS FRED CACHETUX WOOD RIVER OIL & RFINING CO. 11/11/34 7 5 514 315 314 315-34W LEASE-OIL AND GAS SANTA FE ENERGY COMPANY ANADARKO FERDULM 12/10/1987 389 520 315 34W 9 3153-34W 315-34W LEASE-OIL AND GAS SANTA FE ENERGY COMPANY ANADARKO FERDULM 12/10/1987 389 520 315 34W 9 3153-4W 315-34W LEASE-OIL AND GAS SANTA FE ENERGY COMPANY ANADARKO FERDULM 12/10/1987 389 520 315 34W 9 3153-4W 315-34W LEASE-OIL AND GAS SANTA FE ENERGY COMPANY ANADARKO FERDULM 11/1/1944 14 211 315 34W 9 3153-4W 315-34W LEASE-OIL AND GAS USA KSIN 09955 T.J. WAGNER R 11/1/1944 14 511 315 315-34W 315-34W LEASE-OIL AND GAS USA KSIN 09955 T.J. WAGNER R 11/1/1944 14 511 315 315 315-34W 315-34W	30214000	LEASE - OIL AND GAS	FARMERS AND MERCHANTS NATIONAL BANK OF HOOKER, HOOKER, OKLAHOMA		4/4/1954	Ħ	615	315	34W	8	31S34W8	315-34W SECTION 8: E/2 NE/4	SEWARD	2
LEASE-OL. AND GARY ANADARYO PETROLEM 12101397 395 570 315.34W 315.34W 315.34W LEASE-OL AND GAS SANTAFE BERGY COMPANY ANADARYO PETROLEM 12101397 315 315.34W 315.34W <td>30244001</td> <td>LEASE - OIL AND GAS</td> <td>FRED C. KOCH ET UX</td> <td></td> <td>1/17/1947</td> <td>75</td> <td>514</td> <td>31S</td> <td>34W</td> <td>8</td> <td>31S34WB</td> <td>31S-34W SECTION 8: S/2 SW4</td> <td>SEWARD</td> <td>2</td>	30244001	LEASE - OIL AND GAS	FRED C. KOCH ET UX		1/17/1947	75	514	31S	34W	8	31S34WB	31S-34W SECTION 8: S/2 SW4	SEWARD	2
LEASE-OIL AND GAS SANTAFE ENERGY COMPANY ANADARXO PETFOLEUM 12/10/1967 369 523 315 314.44 SECTIONS: E2 NEIA LEASE-OIL AND GAS SANTAFE ENERGY COMPANY ANADARXO PETFOLEUM 11/1/1967 315 315.34W SECTIONS: E2 NEIA LEASE-OIL AND GAS VEXARM PESOURCESINC. ANADARXO PETFOLEUM 11/1/1964 12 315 34W SECTION S: E2 NEIA LEASE-OIL AND GAS USA KSIM 09955 T.J. WAGNERIR 11/1/1944 14 521 315 34W SECTION 15: SEASEA LEASE-OIL AND GAS USA KSIM 09955 T.J. WAGNERIR 11/1/1944 14 521 315 3153 9W15 SECTION 15: SEASEA LEASE-OIL AND GAS USA KSIM 09955 T.J. WAGNERIR 11/1/1944 14 521 315 3169 W15 SECTION 15: WASNEA LEASE-OIL AND GAS USA KSIM 09955 T.J. WAGNERIR 71/1/1944 14 521 315 3169 W15 SECTION 15: WASNEA LEASE-OIL AND GAS E.B. MCUT FILV PANHODEEATERN PRELINE 71/1/1944 14 521 316	30252000	LEASE - OIL AND GAS	SANTA FE ENERGY COMPANY	ANADARKO PETROLEUM CORPORATION	12/10/1987	389	520	31S	34W	6	31S34W9	31S-34W SECTION 9: W/2 NE/4	SEWARD	2
LEASE-OIL AND GAS SANTA FE ENERGY RESOURCESINC. ANADARXO PETFOLEUM 114/1989 123 211 315 315.34W	30253001	LEASE - OIL AND GAS	SANTA FE ENERGY COMPANY	ANADARKO PETROLEUM CORPORATION	12/10/1987	389	523	31S	34W	6	31S34W9	315-34W SECTION 9: E/2 NE/4	SEWARD	2
LEASE-OIL AND GAS U.S.A.SNM 09955 T.J.WAGNER 11/1/1944 14 521 315 38W 315-38W 315-38W LEASE-OIL AND GAS USA KSNM 09955 T.J.WAGNER/R 11/1/1944 14 521 315 38W 315-38W 315-38W LEASE-OIL AND GAS USA KSNM 09955 T.J.WAGNER/R 11/1/1944 14 521 315 38W 15 315-38W	30253002	LEASE - OIL AND GAS	SANTA FE ENERGY RESOURCES INC.	ANADARKO PETROLEUM CORPORATION	11/4/1989	412	211	315	34W	6	31S34W9	31S-34W SECTION 9: E/2 NE/4	SEWARD	2
LEASE-OIL AND GAS T.J. WAGNER T.J. WAGNER T.J. 11/1/144 11/1/144 14 521 315 315.38W 315.38W 315.38W LEASE-OIL AND GAS E.B. MCKAY ET UX PANHANDLEEASTERN PIPELINE 7/29/1337 8 435 315 38W 17 315.38W 315.38W LEASE-OIL AND GAS E.B. MCKAY ET UX CONPARY 7/29/1337 8 435 315 38W 17 315.38W LEASE-OIL AND GAS SECURITY ELEVATOR COMPANY L.O.STANLEY 3/20/1342 11 229 315 38W 18 315.38W.4 315.38W LEASE-OIL AND GAS WILLIAM.I. SEGLET AL L.O.STANLEY 3/20/1342 11 229 315 38W 18 315.38W.4 315.38W.4 315.38W 315.38W.4 315.38W.4 315.38W.4 315.38W.4 315.38W 315.38W 315.38W.4	30376000 57277000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	10	OIWBESIE	315-38W SECTION 10: SE/4 SE/4	STEVENS	2
LEASE-OIL AND GAS E.B. MCKAYET UX PANHANDLE EASTERN PIPE LINE 7/29/1937 B 435 315 38W 17 315-38W 315-38W LEASE-OIL AND GAS SECURITY ELEVATOR COMPANY COMPANY 7/29/1937 8 435 315 38W 17 315-38W 315-38W LEASE-OIL AND GAS SECURITY ELEVATOR COMPANY LO.STANLEY 3/201342 11 229 315 38W 18 315-38W 315-38W 15 315-38W 1 15 315-38W 1 1 1 23 38W 18 315-38W 315-38W 1 1 23 313 38W 18 315-38W 1 1 1 23 315 315 315-38W 1 1 23 315 315-38W 1 1 1 23 315 315 315 315 315 315 315 315 315 315 315 315 315 315 315 315 315 315 3	30376000 57277000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1944	14	521	31S	38W	15	31S38W15	31S-38W SECTION 15: W/2 NE/4	STEVENS	2
LEASE-OIL AND GAS SECURITY ELEVATOR COMPANY L.O.STANLEY 3/20/1942 11 229 315 38W 18 31538W18 315-38W LEASE-OIL AND GAS WILLIAM.I. SIGGLET AL L.O.STANLEY 3/2/1942 11 227 315 38W 18 315-38W 315-38W 315-38W 48 315-38W 48 </td <td>84256000</td> <td>LEASE - OIL AND GAS</td> <td>E. B. MCKAY ET UX</td> <td>PANHANDLE EASTERN PIPE LINE COMPANY</td> <td>7/29/1937</td> <td>8</td> <td>435</td> <td>31S</td> <td>38W</td> <td>17</td> <td>31S38W17</td> <td>31S-38W SECTION 17: SW/4</td> <td>STEVENS</td> <td>2</td>	84256000	LEASE - OIL AND GAS	E. B. MCKAY ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/29/1937	8	435	31S	38W	17	31S38W17	31S-38W SECTION 17: SW/4	STEVENS	2
LEASE - OIL AND GAS WILLIAM.I. SEIGEL ET AL LO. STANLEY 4/9/1942 11 257 31S 38W 18 31S38W18 SECTION 18. LOTS 1, 2, E/2 NW/4 SECTION 18. LOTS 1, 2, E/2 NW/4	62814000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	229	31S	38W	18	31S38W18	31S-38W SECTION 18: LOTS 3, 4, E/2 SW/4	STEVENS	2
	63164000	LEASE - OIL AND GAS	WILLIAM J. SEIGEL ET AL	L. O. STANLEY	4/9/1942	Ħ	257	SIE	38W	18	31S38W18	31S-38W SECTION 18: LOTS 1, 2, E/2 NW/4	STEVENS	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30365003 67771003	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	361	SIE	38W	19	31S38W19	31S-38W SECTION 19: W/Z, SE/4	STEVENS	2
30365001 67271001	LEASE - OIL AND GAS	MARTHA L REYNOLDS	D. D. HARRINGTON	5/4/1945	13	427	315	38W	19	31S38W19	31S-38W SECTION 19: ALL	STEVENS	2
30365002 67271002	LEASE - OIL AND GAS	R. M. SHAW	D. D. HARRINGTON	5/23/1945	13	467	31S	38W	19	31S38W19	31S-38W SECTION 19: NE/4	STEVENS	2
84255000	LEASE - OIL AND GAS	A. T. SPIKES ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/2/1937	8	445	31S	38W	20	31S38W20	31S-38W SECTION 20: E/2, NVV/4	STEVENS	2
30377000 67272000	LEASE - OIL AND GAS	KANSAS UNIV ENDOWMENT ASSOC	A. C. MOORHEAD	11/6/1942	11	329	31S	38W	20	31S38W20	315-38W SECTION 20: SW/4	STEVENS	2
30376000 57277000	LEASE - OIL AND GAS	USA KSNM 09955	T.J. WAGNER JR	11/1/1944	14	521	315	38W	21	31S38W21	31S-38W SECTION 21: NW/4 SE/4, SE/4 SW/4, SW/4 NE/4	STEVENS	2
30370002 67281003	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	EI	567	31S	38W	29	31S38W29	31S-38W SECTION 29: SW/4 SW/4, NE/4 NW/4, N/2 SW/4, N/2 NE/4, S/2 NW/4	STEVENS	2
30379000 57277000	LEASE - OIL AND GAS	J. D. WALKER ET UX	JOE E. DENHAM	7/29/1943	13	139	31S	38W	29	31S38W29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
30370004 67281007	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	401	31S	38W	29	31S38W29	315-38W SECTION 29: N/2 SW/4, N/2 NE/4, SW/4 SW/4, SE/4, NE/4 NW/4, S/2 NW/4	STEVENS	2
28386001	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	31S38W29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
28386002	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	315	38W	29	31S38W29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
28386003	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	31S38W29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
30380000 67278000	LEASE - OIL AND GAS	R., L. SMITH	JOE E. DENHAM	9/6/1943	12	303	315	38W	29	31S38W29	31S-38W SECTION 29: NW/4 NW/4	STEVENS	2
30376000 67270000	LEASE - OIL AND GAS	USA KSNM 09955	T.J. WAGNER JR	11/11944	14	521	31S	38W	29	31S38W29	31S-38W SECTION 29: SE/4 SW/4	STEVENS	2
30370005	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	315	38W	29	31S38W29	315-38W SECTION 29: SE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	267	31S	38W	30	31S38W/30	31S-38W SECTION 30: SE/4, SE/4, NE/4, N/2 SE/4	STEVENS	2
30370001 67281004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	403	31S	38W	ЭO	31S38W30	31S-38W SECTION 30: W/2, NE/4, N/2 SE/4, SE/4 SE/4	STEVENS	2
30376000 57277000	LEASE - OIL AND GAS	USA KSNM 09955	T.J. WAGNER JR	11/1/1944	14	521	31S	38W	30	31S38W30	31S-38W SECTION 30: SW/4 SE/4	STEVENS	2
30370002 67281003	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	31	31S38W31	315-38W SECTION 31: SW/4, SW/4, NE/4, SE/4 NW/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4	STEVENS	7
30370001 67281004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	EI	405	31S	38W	31	31S38W31	31S-38W SECTION 31: SW/4, SE4 NW/4, SE4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4, SW/4 NE/4	STEVENS	2
30376000 67270000	LEASE - OIL AND GAS	USA KSNM 09955	T.J. WAGNER JR	11/1/1944	14	521	31S	38W	31	31S38W31	31S-38W SECTION 31: SE/4 NE/4	STEVENS	2
83950000	LEASE - OIL AND GAS	ETTA MARGARET DANIEL ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	12/7/1937	ω	398	31S	38W	32	31S38W32	31S-38W SECTION 32: SE/4	STEVENS	2
30370006 67281009	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	409	31S	38W	32	31S38W32	31S-38W SECTION 32: SW/4, NE/4	STEVENS	2
83947000	LEASE - OIL AND GAS	W. A. CAVNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	ω	385	31S	38W	32	31S38W32	31S-38W SECTION 32: NW/4	STEVENS	2
30370005	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	32	31S38W32	31S-38W SECTION 32: NE/4	STEVENS	2
84250000	LEASE - OIL AND GAS	GUY F. MCCLURE ET UX	TEXAS INTERSTATE PIPE LINE CO.	6/4/1934	7	218	31S	38W	33	31S38W33	31S-38W SECTION 33: SE/4	STEVENS	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
83947000	LEASE - OIL AND GAS	W. A. CAVNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	8	385	31S	38W	33	31S38W33	31S-38W SECTION 33: W/2	STEVENS	2
30407000 62811000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L O. STANLEY	3/20/1942	11	219	315	38W	2	31S38W7	315-38W SECTION 7: LOTS 1, 2, E/2 NW/4	STEVENS	2
30409000 62813000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L O. STANLEY	3/20/1942	11	223	315	38W	7	31S38W7	31S-38W SECTION 7: LOTS 3, 4, E/2 SW/4	STEVENS	2
62812000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	221	31S	38W	7	31S38W7	31S-38W SECTION 7: SE/4	STEVENS	2
30340000 84730000	LEASE - OIL AND GAS	R. L SMITH ET AL	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	315	MGE	25	31S39W25	a15-39W SECTION 25: 5/2	STEVENS	2
N/A	LEASE - OIL AND GAS	ALINE MAHONEY ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	6/23/1939	σ	22	31S	MGE	26	31S39W26	31S-39W SECTION 26: SW/4	STEVENS	2
N/A	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	39W	26	31S39W26	31S-39W SECTION 26: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	EMMA PETTIOHN	PANHANDLE EASTERN PIPE LINE COMPANY	5/1/1940	10	88	315	39W	n	31S39W3	31S-39W SECTION 3: W/2, NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	NONA C. MCCREIGHT ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	316	31S	39W	m	EW9ES1E	315-39W SECTION 3: SE/4	STEVENS	2
30362000 67266000	LEASE - OIL AND GAS	J. N. CLOSE	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	361	31S	MGE	34	31S39W34	315-39W SECTION 34: SW/4 FURTHER LIMITED TO THE WELLBORES OF THE MLP CLOSE A-1 (API 1151992339) AND MLP CLOSE E-1 (API 1518922381)	STEVENS	7
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	315	MGE	34	31S39W34	31S-39W SECTION 34: E/2	STEVENS	2
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	31S	MGE	35	31S39W35	31S-39W SECTION 3: W/2	STEVENS	2
30340000 8470000	LEASE - OIL AND GAS	R. L. SMITH ET AL	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	31S	MGE	96	31S39W36	31S-39W SECTION 36: N/2	STEVENS	2
30416000	LEASE - OIL AND GAS	CHARLES C. BLACKWELL ET UX	J. FRED LAMBRIGHT INC.	2/18/2004	129	255	31S	MGE	4	31S39W4	31S-39W SECTION 4: LOTS 1, 2, 2/2 NE/4	MORTON	2
N/A	LEASE - OIL AND GAS	GRACIA MITCHELL ET AL	ANADARKO PETROLEUM COMPANY	6/26/1986	41	188	315	41W	35	31S41W35	31S-41W SECTION 35: E/2	MORTON	1
3020000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	174	325	33W	9	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	32S	33W	9	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	32S	33W	6	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	MEE	9	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	32S	33W	9	32S33W6	325-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	32S	MEE	9	32S33W6	325-33W SECTION 6: NE4 SW/4, SE/4	SEWARD	2
66142000	LEASE - OIL AND GAS	LEVI HOFFMAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/20/1952	111	585	32S	MEE	9	32S33W6	325-33W SECTION 6: NE/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	32S	MEE	9	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
65792000	LEASE - OIL AND GAS	MINNIE C ELLIS	PANHANDLE EASTERN PIPE LINE COMPANY	11/12/1953	117	417	325	MEE	6	32S33W6	325-33W SECTION 6: NW/4	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	32S	MEE	6	32S33W6	325-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	32S	33W	9	32S33W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2

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30392000	LEASE - OIL AND GAS	MARVIN MILLER ET UX	JOE E. DENHAM	5/3/1937	80	345	32S	35W	28	32S35W2B	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	61	32S37W19	32S-37W SECTION 19: LOTS 1, 2, E/2 NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ETHEL B SPRING ET VIR	REPUBLIC NATURAL GAS COMPANY	12/14/1942	11	526	325	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	H2	299	32S	38W	н	32S38W1	32S-38W SECTION 1: S/2 SE/4	STEVENS	2
B4010000	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	371	325	38W	11	32S38W11	32S-38W SECTION 11: NE/4, SW/4	STEVENS	2
84009000	LEASE - OIL AND GAS	OSCAR C. CRUMP ET UX	D. D. HARRINGTON	5/23/1945	13	515	325	38W	Ħ	32S38W11	32S-38W SECTION 11: NE/4, SW/4	STEVENS	2
77274000	TERM MINERAL DEED	CLARENCE H. METTS ET UX	ANADARKO PETROLEUM CORPORATION	5/1/1986	234	432	325	38W	12	32S38W12	32S-38W SECTION 12: N/2	STEVENS	2
84011000	LEASE - OIL AND GAS	E. O. ANDERSON	PANHANDLE EASTERN PIPE LINE COMPANY	2/11/1942	10	337	32S	38W	12	32S38W12	32S-38W SECTION 12: SW/4	STEVENS	2
77275000	TERM MINERAL DEED	HARRY J. METTS ET UX	ANADARKO PETROLEUM CORPORATION	1/1/1986	118	57	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	325	38W	12	32S38W12	32S-38W SECTION 12: N/2	STEVENS	2
84013000	LEASE - OIL AND GAS	ILL BANKERS LIFE ASSURANCE	REPUBLIC NATURAL GAS COMPANY	6/10/1941	10	444	32S	38W	13	32S38W13	32S-38W SECTION 13: NE/4, SW/4	STEVENS	7
84162000	LEASE - OIL AND GAS	SARAH SEIVERD	JOE E. DENHAM	8/6/1943	12	123	32S	38W	13	32S38W13	32S-38W SECTION 13: SE/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B SUTTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	п	149	32S	MBE	18	32S3BW1B	32S-38W SECTION 18: SW/4	STEVENS	ы
77261000	TERM MINERAL DEED	WENDELL S. KELLER ET UX	ANADARKO PETROLEUM CORPORATION	9/16/1986	120	105	32S	38W	18	32S38W18	32S-38W SECTION 18: SW/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B SUTTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	32S	38W	19	32S38W19	32S-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	32S38W/2B	32S-38W SECTION 28: SW/4	STEVENS	2
83885000	LEASE - OIL AND GAS	CENTRAL LIFE ASSURANCE SOCIETY	PANHANDLE EASTERN PIPE LINE COMPANY	1/30/1939	ŋ	14	32S	38W	30	32S38W30	32S-38W SECTION 30: SW/4	STEVENS	2
83958000	LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M. 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	ŝ	32S3BW33	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	ŝ	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	~	477	32S	MBE	36	32S38W36	325-38W SECTION 36: S/2	STEVENS	2
84250000	LEASE - OIL AND GAS	GUY F. MCCLURE ET UX	TEXAS INTERSTATE PIPE LINE CO.	6/4/1934	2	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	23	32S	MBE	ß	32S3BW5	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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30364000 67263000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	MGE	п	32S39W11	32S-39W SECTION 11: NW/4 SW/4, S/2 SW/4	STEVENS	2
30368000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/18/1942	10	340	32S	MGE	11	32S39W11	32S-39W SECTION 11: NE/4	STEVENS	2
30364000 67263000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	325	MGE	14	32S39W14	32S-39W SECTION 14: N/2 NW/4	STEVENS	2
30326000 67280000	LEASE - OIL AND GAS	C. O. JERREL ET UX	A. C. MOORHEAD	5/20/1943	12	1/1	32S	MGE	14	32S39W14	32S-39W SECTION 14: SW/4 NE/4, S/2 NW/4, NW/4 SW/4	STEVENS	2
30363000 67262000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	325	MGE	15	32S39W15	32S-39W SECTION 15: NE/4	STEVENS	2
30381000 67279000	LEASE - OIL AND GAS	E. V. BARKER ET UX	JOE E. DENHAM	4/21/1944	12	421	32S	MGE	15	32S39W15	325-39W SECTION 15: SW/4	STEVENS	2
30378000 67275000	LEASE - OIL AND GAS	ETHEL B SPRING	PANHANDLE EASTERN PIPE LINE COMPANY	8/17/1948	23	129	32S	M6E	15	32S39W15	325-39W SECTION 15: SE/4	STEVENS	2
30369000 67268000	LEASE - OIL AND GAS	JESSE F. SIMMONS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/1/1943	12	297	32S	39W	15	32S39W15	32S-39W SECTION 15: NW/4	STEVENS	2
84040000	LEASE - OIL AND GAS	MAUDE H. SIMMONS ET VIR	T.J. WAGNER JR	7/29/1943	12	211	32S	MGE	22	32S39W22	32S-39W SECTION 22: N/2 SE/4	STEVENS	2
84198000	LEASE - OIL AND GAS	W. W. JENKINS ET AL	STANOLIND OIL AND GAS COMPANY	11/5/1943	12	551	32S	39W	22	32S39W22	325-39W SECTION 22: NW/4	STEVENS	2
84041000	LEASE - OIL AND GAS	G. R. HICKOK ET UX	A. C. MOORHEAD	5/28/1943	12	169	325	39W	23	32S39W23	32S-39W SECTION 23: NW/4	STEVENS	2
84051000	LEASE - OIL AND GAS	DORA MOON	T. J. WAGNER JR	12/13/1943	12	549	325	M6E	22	32S39W27	325-39W SECTION 27: E/2 SW/4	STEVENS	2
76926000 84044000	LEASE - OIL AND GAS	J. C. MOON ET UX	T. J. WAGNER JR	11/16/1943	12	535	325	MGE	27	32S39W27	325-39W SECTION 27: W/2 SW/4	STEVENS	2
77276000	TERM MINERAL DEED	LARRY E. KEENAN	ANADARKO PETROLEUM CORPORATION	7/15/1986	234	432	32S	M6E	27	32S39W/27	32S-39W SECTION 27: W/2 SW/4	STEVENS	2
77277000	TERM MINERAL DEED	ROBERT P. KEENAN	ANADARKO PETROLEUM CORPORATION	6/30/1986	234	432	325	MGE	27	32S39W/27	325-39W SECTION 27: W/2 SW/4	STEVENS	2
30363000 67262000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	23	32S	MGE	£	32S39W3	32S-39W SECTION 3: NE/4	STEVENS	2
83064000	LEASE - OIL AND GAS	A. R. SWINDLER	JOE E. DENHAM	5/11/1944	п	365	325	40W	32	32S40W32	32S-40W SECTION 32: SW/4	MORTON	2
83065000	LEASE - OIL AND GAS	F.J. KULE	JOE E. DENHAM	3/16/1944	11	256	325	40W	32	32S40W32	325-40W SECTION 32: SE/4	MORTON	2
63493000	LEASE - OIL AND GAS	GUY E. SPEAR, ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1951	16	291	325	41W	74	32S41W14	32S-41W SECTION 14: NW/4 SW/4	MORTON	1
63286000	LEASE - OIL AND GAS	THE KANSAS UNIVERSITY ENDOWMENT ASSOCIATION	PANHANDLE EASTERN PIPE LINE COMPANY	10/3/1951	16	11	32S	41W	23	32S41W23	32S-41W SECTION 23: NW/4	MORTON	1
82933000	LEASE - OIL AND GAS	COURTLAND DEAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1959	20	321	32S	41W	£	32S41W3	32S-41W SECTION 3: LOTS 1 AND 2 AND THE S/2 NE/4	MORTON	1
82933000	LEASE - OIL AND GAS	COURTLAND DEAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1959	20	321	325	41W	3	32S41W3	32S-41W SECTION 3: SW/4 NE/4	MORTON	ı
82939000	LEASE - OIL AND GAS	MARTIN RUSSELL JOHNS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1951	16	229	32S	41W	m	32S41W3	32S-41W SECTION 3: 5/2	MORTON	1
83495000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	189	SEE	MIE	30	33S31W30	33S-31W SECTION 30: LOT 1	SEWARD	2
83625000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	12	SEE	ЭlW	30	33S31W30	33S-31W SECTION 30: E/2	SEWARD	2
83624000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	Ħ	SEE	MIE	30	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
83672000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	6/28/1963	208	185	33S	BIW	31	33S31W31	33S-31W SECTION 31: E/2 SE/4, SE/4 NE/4	SEWARD	2
83621000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	ß	SEE	31W	31	1EW1ESEE	335-31W SECTION 31: NE/4 NE/4, W/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	ЗIW	31	33S31W31	33S-31W SECTION 31: LOTS 1, 2, 3, 4, E/2 W/2	SEWARD	7
30277003	LEASE - OIL AND GAS	CONNIE C. DAVIS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	743	SEE	32W	2	33S32W2	33S-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	SEE	32W	7	33S32W2	33S-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	33S	32W	2	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	335	32W	25	33S32W25	33S-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 NE/4, N/2 NW/4, S/2 NE/4, S/2 SE/4, N/2 SE/4, N/2 SE/4	SEWARD	7
83497000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	188	SEE	32W	25	33S32W25	33S-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	33S	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	7
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: 5/2 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	335-32W 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	305	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
30277002	LEASE - OIL AND GAS	F. A. FELLERS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	738	SEE	32W	m	33232W3	33S-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	898	SEE	32W	m	33S32W3	335-32W SECTION 3: SW/4	SEWARD	8
30277001	LEASE - OIL AND GAS	MAIDA DENIO	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	733	33S	32W	m	33S32W3	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, & 4, S/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	32W	36	33S32W36	33S-32W SECTION 36: N/2	SEWARD	2
83626000	LEASE - OIL AND GAS	RICE DAVIES ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	7	SEE	32W	36	33S32W36	335-32W SECTION 36: 5/2	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	SEE	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	696	SEE	32W	4	33S32W4	335-32W SECTION 4: W/2 SE/4, SW/4, N/2	SEWARD	7
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	33S-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269002	LEASE - OIL AND GAS		T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	SEE	32W	4	33S32W4	335-32W SECTION 4: SW/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	თ	33S32W9	33S-32W SECTION 9: ALL	SEWARD	2
30269002	LEASE - OIL AND GAS	EWART	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	SEE	32W	σ	33S32W9	335-32W SECTION 9: ALL	SEWARD	2
83618000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE	7/19/1954	135	185	SEE	MEE	21	33S33W21	MEE-SEE	SEWARD	2

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83619000	"	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1954	135	186	33S	MEE	21	33S33W21	335-33W SECTTON 21: SW/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	SEE	MEE	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	SEE	MEE	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	SEE	MEE	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	33S	MEE	21	33S33W21	33S-33W SECTION 21: NW/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	33S33W21	335-33W SECTION 21: NE/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	SEE	MEE	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	7
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	293	574	SEE	MEE	21	33S33W21	335-33W 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	33W	21	33S33W21	335-33W SECTION 21: SE/4 LESS AND EXCEPT THE WELLBORE OF THE DODD MADDEN A-1-21 WELL AP1 1517530012	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER 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	33S	33W	21	33S33W21	33S-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	SEE	33W	21	33S33W21	335-33W SECTION 21: NW/4, SW/4	SEWARD	2
30188000	LEASE - OIL AND GAS	ALICE WYATT ET VIR	BEN F. BLACK	12/18/1944	23	506	SEE	33W	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	33S33W25	335-33W SECTION 25: SW/4, NW/4 SE/4	SEWARD	2
30181002	LEASE - OIL AND GAS	FEDERAL FARM MORTGAGE CORP	PANHANDLE EASTERN PIPE LINE COMPANY	6/12/1950	102	263	SEE	ЗЗW	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	33S33W25	33S-33W SECTION 25: NE/4 SE/4, S/2 SE/4, 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	33S-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	SEE	MEE	26	33S33W26	335-33W SECTION 26: SE/4	SEWARD	2
30158000	LEASE - OIL AND GAS	CLIFFORD H. BROWNE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/11944	69	431	SEE	MEE	27	33S33W27	33S-33W SECTION 27: NE	SEWARD	2, 17
. 83579000	LEASE - OIL AND GAS	GERTRUDE BARTON	BEN F. BLACK	1/15/1945	73	427	33S	MEE	27	33S33W27	33S-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	33S-33W SECTION 27: W/2	SEWARD	2
83578000	LEASE - OIL AND GAS	IDA M. GARY ET AL	JOHN M. FRANKLIN	10/23/1944	69	579	SEE	MEE	28	33S33W28	33S-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	33S-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	33W	34	33S33W34	33S-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	SEE	MEE	34	33S33W34	33S-33W SECTION 34: SW/4	SEWARD	2
83631000	LEASE - OIL AND GAS	ROSS FRAIM ET UX	PANHANDLE EASTERN PIPE LINE	3/18/1958	166	687	33S	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	SEE	MEE	34	33S33W34	33S-33W SECTION 34: N/2	SEWARD	7
LEASE - OIL AND GAS	ROSS FRAIM ET UX	BEN F. BLACK	12/9/1944	73	326	33S	33W	35	35233W35	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	33S	MEE	35	SEWEESEE	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	SEE	MEE	ŋ	6/MEESEE	335-33W SECTION 9: S/2 NW/4	SEWARD	2
TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	33S	33W	თ	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	33S	MEE	ŋ	6/MEESEE	33S-33W SECTION 9: 5/2 NW/4	SEWARD	2
TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	33S	33W	თ	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	9661/1/8	593	574	SEE	MEE	ത	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	2
TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	SEE	MEE	6	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	7
TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	33S	MEE	თ	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	7
LEASE - OIL AND GAS	MARY N. ETZOLD	PANHANDLE EASTERN PIPE LINE COMPANY	8/26/1944	69	124	SEE	MEE	ŋ	6 MEESEE	33S-33W SECTION 9: SW/4	SEWARD	7
TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	SEE	33W	ი	6/NEESEE	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	თ	6/MEESEE	335-33W SECTION 9: 5/2 NW/4	SEWARD	7
LEASE - OIL AND GAS	HAZEL LUCILLE JONES ET VIR	FRED C. KOCH	4/3/1944	ri I	620	33S	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	33S-34W SECTION 15: NW/4 NE/4, SE/4, SW/4 NE/4, W/2	SEWARD	2, 14
LEASE - OIL AND GAS	CECIL G. MELTON ET UX	PFRANK PARKES	9/23/1942	64	251	SEE	34W	18	33S34W1B	33S-34W SECTION 18: SW/4	SEWARD	2
LEASE - OIL AND GAS	D. W. MCGEE ET UX	FRANK PARKES	3/4/1942	64	238	SEE	34W	18	33S34W18	33S-34W SECTION 18: N/2, SE/4	SEWARD	2
LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	FRED C. KOCH	4/24/1944	-	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	33S-34W SECTION 2: NW/4	SEWARD	2
LEASE - OIL AND GAS	GLEN MARCELLUS ET UX	CITIES SERVICE OIL COMPANY	4/24/1943	47	551	SEE	34W	23	33S34W23	33S-34W SECTION 23: N/2	SEWARD	2
LEASE - OIL AND GAS	OWEN E. MAXWELL ET UX	CITIES SERVICE OIL COMPANY	4/24/1943	47	554	SEE	34W	23	33S34W23	33S-34W SECTION 23: S/2	SEWARD	2, 16
LEASE - OIL AND GAS	JOSEPH J. SCHOONOVER ET UX	FRED C. KOCH	5/6/1944	69	2	SEE	34W	25	33S34W25	33S-34W SECTION 25: NW/4	SEWARD	2
LEASE - OIL AND GAS	THEOPOLIS A HACKER, OTHERWISE KNOWN AS T. A. HACKER AND ROBERTA HACKER, HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/15/1949	85	318	SEE	34W	26	33S34W26	33S-34W SECTION 26: W/2	SEWARD	7
LEASE - OIL AND GAS	ANNA GUTTRIDGE	PANHANDLE EASTERN PIPE LINE COMPANY	6/11/1949	85	315	SEE	34W	27	33S34W27	33S-34W SECTION 27: S/2 NW/4	SEWARD	2, 15
LEASE - OIL AND GAS	CLARENCE M. NIX ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/22/1949	85	325	SEE	34W	27	33S34W27	33S-34W SECTION 27: N/2 SW/4, SE/4 SW/4, SW/4 SW/4	SEWARD	2, 15
LEASE - OIL AND GAS	HENRY GUTTRIDGE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/10/1949	85	313	SEE	34W	27	33S34W27	33S-34W SECTION 27: N/2 NW/4	SEWARD	2, 15
LEASE - OIL AND GAS	MAUDE GUTTRIDGE ET AL	TOM BURDEN	4/22/1969	249	360	SEE	34W	27	33S34W27	33S-34W	SEWARD	2, 15

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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	2
83531000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	331	SEE	34W	28	33S34W2B	33S-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	SEE	34W	28	33S34W2B	33S-34W SECTION 28: NE/4	SEWARD	2
83552000	LEASE - OIL AND GAS	CLARENCE M. NIX ET AL	FRANK PARKES	9/23/1942	64	257	SEE	34W	28	33S34W28	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	SEE	34W	29	33S34W29	33S-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	33S-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	SEE	34W	29	33S34W29	33S-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	SEE	34W	29	33S34W29	33S-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	33S-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	SEE	34W	Э	33S34W30	33S-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	SEE	34W	ЭQ	33S34W30	33S-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	SEE	34W	ß	33S34W30	33S-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	æ	33S34W33	33S-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	33S-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	33S-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	33S-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	33S-35W SECTION 25: S/2 S/V/4, SE/4	STEVENS	2
84201000	LEASE - OIL AND GAS	ROBERT GROTHE ET UX	NORTHERN NATURAL GAS COMPANY	3/18/1946	14	155	SEE	35W	25	33S35W25	33S-35W SECTION 25: NW/4	STEVENS	2
84200000	LEASE - OIL AND GAS	W. H. MYRICK ET UX	NORTHERN NATURAL GAS COMPANY	3/15/1951	53	367	33S	35W	25	33S35W25	33S-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	36W	9	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
30397000	LEASE - OIL AND GAS	STELLA I. SIMPSON	NORTHERN NATURAL GAS COMPANY	5/11/1939	01	s	33S	36W	9	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	WEST	0601/11/9	10	ß	33S	ЗбW	9	33S36W6	33S-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	SEE	37W	18	33S37W18	33S-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	33S37W1B	33S-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	33S-37W SECTION 18: NE/4	STEVENS	2
84365000	LEASE - OIL AND GAS	ססא הוררג בי הא	ORVILLE H. PARKER	3/13/1940	ი	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	თ	147	33S	37W	19	33S37W19	33S-37W SECTION 19: NW/4	STEVENS	2
83838000	LEASE - OIL AND GAS	R. M. CRAWFORD	FRED PHILLIPS	6/1//1926	1	324	33S	37W	31	33S37W31	33S-37W SECTION 31: SW/4	STEVENS	2

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11/20/1943	3 12	537	SEE	37W	6	SEE	6M/ESEE	335-37W SECTION S: SW/4 AS FURTHER DESCRIED IN METES AND BOUNDS IN SAID LEASE	STEVENS	2
6//1973	#	631	332	37W	თ 	SEE	33S37W9 51	335-37W 335-37W SECTION 9: ALL THAT PART OF THE SW/4 LYING NORTH OF THE RIGHT OF WAY OF THE D. C. & C. V. RW COMPANY, AS IT IS NOW SITUATE ACROSS SAID QUARTER SECTION	F STEVENS	7
10/28/1927	1	443	33S	38W	1	SEE	33S38W1	335-38W SECTION 1: SE/4	STEVENS	2, 24
10/28/1927	1 1	442	33S	38W	1	33S	1W8ESEE	335-38W SECTION 1: NE/4	STEVENS	2, 24
PANHANDLE EASTERN PIPE LINE 4/27/1943 COMPANY	11 11	593	335	38W	1		33S38W11	33S-38W SECTION 11: NE/4	STEVENS	2
PANHANDLE EASTERN PIPE LINE 9/5/1940 COMPANY	40 9	42	33S	38W	11 /		33S38W11	33S-38W SECTION 11: NW/4	STEVENS	2
INE 5/13/1943	43 12	163	33S	38W	11 /		33S38W11	33S-38W SECTION 11: E/2 SE/4	STEVENS	2
INE 5/13/1943	13 12	165	33S	38W	11 /		33S38W11	33S-38W SECTION 11: W/2 SE/4	STEVENS	2
10/29/1927	327 1	465	33S	38W	11 /		33S38W11	33S-38W SECTION 11: SW/4	STEVENS	2
INE 4/27/1943	11 11	591	335	38W	/ 12		33S38W12	33S-38W SECTION 12: NW/4	STEVENS	2, 22
INE 5/9/1944	4 12	419	335	38W	/ 12		33S38W12	33S-38W SECTION 12: SW/4	STEVENS	2, 22
7/26/1943	12 12	115	335	38W	/ 12		33S38W12	33S-38W SECTION 12: SE/4	STEVENS	2, 22
3/15/1940	10 10	140	33S	38W	13		33S38W13	33S-38W SECTION 13: SE/4	STEVENS	2, 25
INE 11/1/1949	49 23	207	335	38W	/ 13		33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
INE 11/1/1949	949 23	207	335	38W	13		33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
5/5/1947	347 14	595	335	38W	/ 13		33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
7/30/1947	947 23	31	SEE	38W	13		33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
7/30/1947	947 23	31	SEE	38W	/ 13		33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
INE 11/16/1945	1945 14	281	33S	38W	13	-	33S38W13	33S-38W SECTION 13: W/2	STEVENS	2, 25
2/2/1945	145 14	43	335	M8E :	/ 13		33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
INE 11/1/1949	49 23	203	33S	M8E 3	/ 13		33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
6/21/1945	945 14	29	335	38W	/ 13		33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
:1/1	1/11/1945 14	41	SEE	38W	/ 13		33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
				INIBE	13		33S38W13	335-38W	STEVENS	2, 25
1/1	1/11/1945 14	41	335		_	_		SECTION 13: SVV/4		

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63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	SEE	38W	EI	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	SEE	38W	13	33S38W13	335-38W SECTION 13: SW/4	STEVENS	2, 25
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	SEE	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	SEE	38W	13	33S38W13	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	SEE	38W	EI	33S38W13	335-38W SECTION 13: NE/4	STEVENS	2, 25
63579000	LEASE - OIL AND GAS	R. E. MCKEE ET UX	GILBERT WOOD	6/6/1945	14	66	SEE	38W	13	33S38W13	335-38W SECTION 13: SW/4	STEVENS	2, 25
77284000	TERM MINERAL DEED	ROSE L FRIEDMAN	ANADARKO PETROLEUM CORPORATION	12/1/1986	121	60	SEE	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	31	SEE	38W	5	EIWBESEE	335-38W 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	33S3BW14	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	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	SEE	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	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	SEE	38W	14	33S38W14	335-38W 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	335-38W SECTION 14: SW/4	STEVENS	2
63578000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	281	SEE	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	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	SEE	38W	14	33S38W14	335-38W SECTION 14: SW/4	STEVENS	2
84326000	LEASE - OIL AND GAS	DOSS OIL ROYALTY-COMPANY	GILBERT WOOD	2/7/1945	14	27	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63583000	LEASE - OIL AND GAS	E. W. GOEBEL ET UX	GILBERT WOOD	2/2/1945	14	43	SEE	3BW	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
84077000	LEASE - OIL AND GAS	FIDEUTY 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	SEE	38W	14	33S38W14	33S-38W SECTION 14: SE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	SEE	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	SEE	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63577000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	65	SEE	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	67	SEE	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	67	SEE	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	14	33S38W14	335-38W SECTION 14: NW/4	STEVENS	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	SEE	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63581000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	14	33S38W14	335-38W SECTION 14: NW/4	STEVENS	2
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	SEE	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	23	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	SEE	38W	14	33S38W14	335-38W SECTION 14: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	SEE	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	SEE	38W	14	33S38W14	335-38W 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	335-38W SECTION 14: NW/4, NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	SEE	38W	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	2
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	335-38W 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	SEE	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	SEE	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T.J. WAGNERJR	10/19/1944	14	67	SEE	MBE	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	SEE	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	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	335-38W SECTION 15: SE/4	STEVENS	2
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	15	33S38W15	33S-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	335-38W SECTION 15: SW/4	STEVENS	2
84329000	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	35	SEE	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	w. c. ught et ux	JOE E. DENHAM	10/18/1943	12	159	SEE	38W	15	33S38W15	33S-38W SECTION 15: SW/4	STEVENS	2
30327000	LEASE - OIL AND GAS	J. R. FATZER	REPUBLIC NATURAL GAS COMPANY	1/15/1943	11	401	33S	38W	18	33S38W18	335-38W 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	33S38W19	33S-38W SECTION 19: NW/4	STEVENS	2
8386000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	-	441	33S	38W	2	33S38W2	335-38W SECTION 2: NW/4	STEVENS	2
83868000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	ч	440	SEE	38W	2	33S38W2	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	SEE	38W	24	33S38W/24	33S-38W SECTION 24: NE/4	STEVENS	2
30319000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	SATURN OIL & GAS COMPANY	3/7/1935	2	232	SEE	3BW	30	OEWBESEE	33S-38W SECYION 30: SE/4	STEVENS	2
30329000	LEASE - OIL AND GAS	LUCY E. CRAIG ET AL	D. D. HARRINGTON	7/7/1945	13	621	33S	38W	30	OEWBESEE	335-38W SECTION 30: NE/4	STEVENS	2

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County	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS	STEVENS
Legal Description	335-38W SECTION 30: W/2	33S-38W SECTION 32: SW/4	335-38W SECTION 32: SW/4	335-38W SECTION 32: SW/4	33S-38W SECTION 32: SW/4	33S-38W SECTION 36: S/2 SE/4	335-38W SECTION 36: N/2 SE/4	33S-38W SECTION 4: A PART OF THE NW/4, MORE SPECIFICALLY DESCRIBED IN SAID LEASE	33S-38W SECTION 4: SOUTH 109.5 ACRES OF THE NE/4	335-38W SECTION 4: SE/4	335-38W SECTION 4: A PART OF THE NORTHEAST QUARTER (NE/4) OF SECTION 4: A PART OF THE NORTHEAST QUARTER (NE/4) FHE GTH PM/STEVENS COUNTY, KANSGA, MORE SPECIFICALLY DESCRIBEDAS FOLLOWS, TO WIT: BEGININIG AT THE NORTHWEST CORNERDFAD NORTHEAST QUARTER (NE/4) OF SECTION 4. THENCESOUTHALONG THE (NE/4) OF SECTION 4. THENCESOUTHALONG THE (NE/4) OF SAUD NORTHEAST QUARTER (NE/4) OF SAUD SECTION 4. THENCE FORTIA IN STANCE OF 332.35 FEET TO THE NORTH A LINE OF SAUD NORTHEAST QUARTER (NE/4) OF SAUD SECTION A. DISTANCE OF 833.35 FEET TO THE NORTHEAST GUARTER (NE/4) OF SAUD SECTION A. DISTANCE OF 833.35 FEET TO THE NORTHEAST GUARTER (NE/4) OF SAUD SECTION A. DISTANCE OF 833.35 FEET THENCE EAST ADISTANCE OF 39.4.85 FEET. THENCE NORTH A DISTANCE OF 93.4.85 FEET TO THE NORTH A LINE OF SAUD NORTHEAST QUARTER (NE/4) OF SAUD QUARTER RECTION A DISTANCE OF 93.4.85 FEET TO THE NORTH A DISTANCE OF 93.4.85 FEET TO THE PORTH A DISTANCE OF	335-38W A PART OF THE NE4 OF SECTION 4, CONTAINING 33 ACRES. BEGINNING AT A POINT ON THE NORTHUNE OF SAID NE4 OF SECTION A DISTANCE OF 91.445 FEET EAST OF THE NW/C OF NE4 OF SECTION THENCE EAST ALONG THE NW/C OF NE4 OF SECTION THENCE EAST ALONG THE NH FILE SOUTH ALONG EAST UNC OF SECTION A THENCE SOUTH ALONG EAST UNC OF SECTION A DISTANCE OF 933.25 FEET, THENCE WEST ACROSS SAID SECTION 9.14.85 FEET EAST OF THE WEST LINE OF NE4,	33S-38W SECTION 9: NE/4	33S-38W SECTION 9: NW/4	33S-38W SECTION 9: SE/4
Concatenate	DEMBESEE	33S38W92	33S38W32	33S38W32	ZEVVBESEE	9E/NBESEE	9E/N8ESEE	33S38W4	33S38W4	33S38W/4	33S38W4	7MBESSEE	6M8ESEE	6M8ESEE	6M8ESEE
Section	ое	32	32	32	32	36	36	4	4	4	4	4	ი	б	6
Range	38W	38W	38W	38W	38W	38W	38W	38W	38W	38W	NBE	MBE	38W	38W	38W
Township	SEE	33S	SEE	33S	SEE	SEE	SEE	SEE	33S	SEE	SE	33S	33S	33S	SEE
Page	575	432	432	432	137	68	499	446	423	189	271	569	627	191	6EE
Book	12	234	234	234	12	13	12	8	14	12	23	33	12	12	10
Date	8/6/1943	1/1/1986	1/1/1986	1/1/1986	8/13/1943	11/8/1944	7/6/1944	9/16/1937	11/4/1946	7/26/1943	4/25/1952	4/25/1952	3/28/1944	7/26/1943	9/2/1941
Original Lessee	T. J. WAGNER JR	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	H. D. TAYLOR	REPUBLIC NATURAL GAS COMPANY	HOWARD H. SIDWELL AGENT	W.J. SULLIVAN	PANHANDLE EASTERN PIPE LINE COMPANY	T. J. WAGNER JR	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	T. J. WAGNER JR	T.J. WAGNER JR	PANHANDLE EASTERN PIPE LINE COMPANY
Original Lessor	W. C. LIGHT ET UX	HERMAN T. RATZLAFF	JOHN H. RATZLAFF	LAVERDA MARIE HELWIG	NETTIE RATZLAFF ET AL	DALE PERRILL ET AL	HEIRS OF R. M. CRAWFORD ESTATE	AMOS VINCENT YOUNGGREN	BERTHA A. PERRY	J. N. PERRY ET UX	PEARLR, RICH	PEARLR, RICH	HARRY V, TROUP ET UX	J. N. PERRY ET UX	J. S. MILLER ET AL
Agreement Type	LEASE - OIL AND GAS	TERM MINERAL DEED	TERM MINERAL DEED	TERM MINERAL DEED	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	30328000	28378001	28378002	28378003	30334000	84159000	83840000	83958000	84063000	84064000	8397,0000	83867000	84076000	84075000	83861000

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N/A	LEASE - OIL AND GAS	E. LESTER ET UX	REPUBLIC NATURAL GAS COMPANY	5/31/1941	10	141	33S	MGE	Ţ	1W9ESEE	335-39W SECTION 1: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	J. A. CHRISTOPHER ET UX	THE ARGUS PRODUCTION COMPANY	3/6/1930	e	547	SEE	MGE	10	33S39W10	335-39W SECTION 10: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	HELEN BROOKS HALL ET VIR	REPUBLIC NATURAL GAS COMPANY	7/5/1941	10	446	33S	39W	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	6	344	SEE	MGE	18	33S39W18	335-39W SECTION 18: NW/4	MORTON	2
30322000	LEASE - OIL AND GAS	W. S. MORGAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1942	11	152	33S	MGE	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	33S39W/24	335-39W 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	33S	MGE	m	EMGESEE	335-39W SECTION 3: NW/4	STEVENS	2
82971000	LEASE - OIL AND GAS	JESS DAVIDSON, ST AL	A. C. MOORHEAD	4/15/1943	6	344	33S	MGE	2	7W9ESEE	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	6	338	33S	MGE	ი	33S39W9	33S-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-40W SECTION 6: SW/4	MORTON	2
30132000	LEASE - OIL AND GAS	H. C. BOWKER	JOE E. DENHAM	7/14/1943	10	293	SEE	40W	Q	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	33S	40W	9	33S40W6	33S-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	و	33S40W6	335-40W SECTION 6: SE/4	MORTON	2
30144000	LEASE - OIL AND GAS	USA KS NM 67923	MATAGORDA ISLAND EXPLLORATION CORPORATION	4/27/1987	42	273	33S	40W	9	33S40W6	335-40W SECTION 6: LOTS 3, 4, 5, SE/4 NV//4 (A/K/A NV//4)	MORTON	2
30143000	LEASE - OIL AND GAS	USA KSNM 67924	MATAGORDA ISLAND EXPLORATION CORPORATION	5/22/1987	42	414	SEE	40W	2	33S40W7	33S-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	1
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	661	SEE	43W	ч	33S43W1	335-43W SECTION 1: SE/4	MORTON	Ţ
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	зıw	ß	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	BIW	ъ	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	5	34S31W5	34S-31W SECTION 5: N/2 SE/4, 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	ы	34S31W5	345-31W 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	34S-31W 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	6	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	31W	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	190	29	34S	31W	8	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	ω	34S31W8	34S-31W SECTION B: SW/4 SW/4	SEWARD	2

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83746000	LEASE - OIL AND GAS	HALLIE HOWELL RISLEY ET VIR	THE SUPERIOR OIL COMPANY	11/24/1960	190	99	34S	MIE	æ	34S31W8	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
83499000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1944	69	192	34S	MIE	8	34S31WB	34S-31W SECTION 8: SW/4 SE/4, N/2 SW/4, NW/4, SE/4 SW/4	SEWARD	2
83744000	LEASE - OIL AND GAS	JESSIE M. ROBERTS ET AL	THE SUPERIOR OIL COMPANY	11/16/1960	190	EE	34S	MIE	8	34S31WB	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
83747000	LEASE - OIL AND GAS	LAWRENCE E. HOWELL ET UX	THE SUPERIOR OIL COMPANY	11/24/1960	190	95	34S	MIE	æ	34S31WB	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
8350000	LEASE - OIL AND GAS	PANSY H. LANGHOFFER ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1944	69	190	34S	31W	80	34S31W8	34S-31W SECTION 8: SE/4 NE/4, E/2 SE/4, NW/4 SE/4	SEWARD	2
83758000	LEASE - OIL AND GAS	ROBERT DAVIES ET UX	E. H. ADAIR	10/30/1956	159	116	34S	31W	ω	34S31WB	34S-31W SECTION 8: N/2 NE/4, SW/4 NE/4	SEWARD	2
83682000	LEASE - OIL AND GAS	ALPHA ANN MARSH CADY ET VIR	ANADARKO PETROLEUM CORPORATION	4/13/1965	220	183	34S	32W	19	34S32W19	34S-32W SECTION 19: LOTS 3. 4. E/2 SW/4. SE/4	SEWARD	2
83516000	LEASE - OIL AND GAS	FRANCES O. ETZENHOUSER ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	5/10/1945	75	144	34S	32W	19	34S32W19	345-32W SECTION 13: LOTS 1. 2. E/2 NW/4	SEWARD	2
83702000	LEASE - OIL AND GAS	HARRY REDFORD ET UX	ANADARKO PRODUCTION CORPORATION	3/6/1968	243	465	34S	32W	19	34S32W19	345-32W SECTION 19: NE/4	SEWARD	2
83776000	LEASE - OIL AND GAS	PAUL DEAN BLASER ET AL	CROSS BAR PETROLEUM INC.	10/30/1996	477	310	34S	32W	29	34S32W29	34S-32W SECTION 29: NW/4	SEWARD	2
83778000	LEASE - OIL AND GAS	PAUL DEAN BLASER ET AL	CROSS BAR PETROLEUM INC.	10/30/1996	477	314	34S	32W	29	34S32W29	345-32W SECTION 29: SW/4	SEWARD	2
83777000	LEASE - OIL AND GAS	ROCO INC.	CROSS BAR PETROLEUM INC.	10/30/1996	477	322	34S	32W	29	34S32W29	345-32VV SECTION 29: NW/4	SEWARD	2
83779000	LEASE - OIL AND GAS	ROCO INC.	CROSS BAR PETROLEUM INC.	10/30/1996	477	318	34S	32W	29	34S32W29	345-32W SECTION 29: SW/4	SEWARD	2
83684000	LEASE - OIL AND GAS	L. G. BLACKMER ET UX	THE CARTER OIL COMPANY	9/16/1955	135	165	34S	32W	31	34S32W31	345-32W SECTION 31: N/2, SW/4	SEWARD	2
83683000	LEASE - OIL AND GAS	M. ALACE RINDOM ET AL	O. R. WHITAKER	10/4/1962	202	160	34S	32W	32	34S32W32	34S-32W SECTION 32: NW/4	SEWARD	2
83722000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/30/1971	26	366	34S	32W	ъ	34S32W5	345-32W SECTION 5: SE/4	SEWARD	2
83722000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	376	34S	32W	ъ	34S32W5	345-32W SECTION 5: SW/4	SEWARD	2
83710000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	356	34S	32W	ഹ	34S32W5	34S-34W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83725000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	372	34S	32W	ß	34S32W5	345-32W SECTION 5: SE/4	SEWARD	2
73725000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	382	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83713000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	1/01/02/6	261	362	34S	32W	ß	34S32W5	34S-32W SECTION 5: LOTS 3. 4, E/2 NW/4	SEWARD	2
83723000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	368	34S	32W	ы	34S32W5	345-32W SECTION 5: SE/4	SEWARD	2
83723000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	1/01/02/6	261	378	34S	32W	ы	34S32W5	345-32W SECTION 5: SW/4	SEWARD	2
83711000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	1/01/02/6	261	358	34S	32W	ß	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83724000	LEASE - OIL AND GAS	PAUL A LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	370	34S	32W	5	34S32W5	345-32W SECTION 5: SE/4	SEWARD	2
73724000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/30/1971	261	380	34S	32W	5	34S32W5	345-32W SECTION 5: SW/4	SEWARD	2
83712000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	1/01/05/6	261	360	34S	32W	ы	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83721000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	1/101/08/6	261	364	34S	32W	5	34S32W5	345-32W SECTION 5: SE/4	SEWARD	2

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83721000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	374	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
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	1/30/1971	264	31	34S	32W	ŝ	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83714000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	27	34S	32W	5	34S32W5	34S-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, 5/2 NE/4	SEWARD	2
83707000	LEASE - OIL AND GAS	HELEN GRUNDERSEN ET VIR	ANADARKO PRODUCTION COMPANY	1/9/1971	261	352	34S	32W	9	34S32W6	345-32W SECTION 6: LOTS 1. 2. S/2 NE/4	SEWARD	7
83705000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PRODUCTION COMPANY	1701/06/6	261	348	34S	32W	9	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83706000	LEASE - OIL AND GAS	PAUL A LIGHT ET UX	ANADARKO PRODUCTION COMPANY	1/30/1971	261	350	34S	32W	9	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83703000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PRODUCTION COMPANY	1/30/1971	261	344	34S	32W	9	34S32W6	345-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83708000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	1/91/06/6	264	25	34S	32W	9	34S32W6	34S-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	MEE	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	MEE	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	MEE	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	33W	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	MEE	24	34S33W24	34S-33W SECTION 24: E/2 NE/4, W/2 NE/4	SEWARD	2
83700000	LEASE - OIL AND GAS	WOODS PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	5/17/1967	238	570	34S	33W	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	11	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				2	0000					WAS-2AS		

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Adreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	diusumo I	Kange	Secuoli		34S-34W	SEWARD	2.21
00001350	I FASE - OIL AND GAS	JOHN W. MOORE ET AL	CHAS VANCE	7/1/1950	102	391	34S	34W	27	34S34W27	SECTION 27: E/2 SE/4, SW/4, W/2 SE/4	SEVVINO	1
	SAD DATE OF THE PARTY	RHODA SMITH ET AL	QUINQUE OIL & GAS PRODUCING	5/6/1944	69	ß	34S	34W	27	34S34W27	345-34W SECTION 27: N/2	SEWARD	2, 21
00000000		ALVCE GAMMELL ET AL	CO. ANADARKO PETROLEUM	7/24/1980	318	695	34S	34W	29	34S34W29	34S-34W SECTION 17: NW/4	SEWARD	2
30228000	LEASE - UIL AND GAS		CORPORATION ANADARKO PETROLEUM	VOOLITCIE	815	68B	34S	34W	29	34S34W29	34S-34W secrition 17. NE/4	SEWARD	2
30229000	LEASE - OIL AND GAS	ALYCE GAMMELL ET AL	CORPORATION	0067/471/	2				q	PCIMIZESVE	345-34W	SEWARD	2
30231000	LEASE - OIL AND GAS	HARMON GILBERT BIRMINGHAM ET UX	VERNON T. BEHRENDT	5/27/1982	EEE	842	345	34W	3		SECTION 29: SW/4 34S-34W	CENTADO	
83567000	LEASE - OIL AND GAS	ALVIN R. SWINDLER ET UX	PANHANDLE EASTERN PIPE LINE	5/8/1950	85	603	34S	34W	34	34S34W34	SECTION 34: SE/4	SEWARD	4
30299003		DENIAMIN MAI EMLIDE ET UX	NORTHERN PUMP COMPANY	3/16/1951	11	64	34S	34W	34	34S34W34	345-34W SECTION 34: W/2	SEWARD	7
67553005 30299005	LEASE - OIL AND GAS		ICHN B HAWLEY IS	2/7/1951	106	395	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
67553001	LEASE - OIL AND GAS		PANHANDLE EASTERN PIPE LINE	SPONDER	141	364	345	34W	34	34S34W34	34S-34W SECTION 34: EZ	SEWARD	2
83568000	LEASE - OIL AND GAS	JENNIE M. WOODS	COMPANY	OCCT INCIC						VENNESPE	34S-34W	SEWARD	2
30299002	LEASE - OIL AND GAS	LENA FREIDMAN & PHILLIP FRIEDMAN	NORTHERN PUMP COMPANY	3/16/1951	106	536	345	1440	5		SECTION 34: W/2 34S-34W	SEWARD	2
30299006	LEASE - OIL AND GAS	MILTON H. BLAKEMORE ET AL	NORTHERN PUMP COMPANY	9/8/1980	321	626	34S	34W	34	34S34W34	SECTION 34: W/2		
Rafondo	LEASE - OIL AND GAS	RAY LAMBERTON ET UX	PANHANDLE EASTERN PIPE LINE	4/18/1952	111	474	34S	34W	34	34S34W34	SECTION 34: NE/4	SEWARD	4
30299004	SAD GAS	POSE GEORGE MUNRO ET AL	JOHN B. HAWLEY JR.	5/3/1951	111	83	34S	34W	34	34S34W34	342-34W SECTION 34: W/2	SEWARD	2
67553004	LEASE - UIL AND GAS			1901910	106	571	345	34W	34	34S34W34	34S-34W CECTION 34: W/7	SEWARD	2
30299003	LEASE - OIL AND GAS	WEST PENN ROYALTIES COMPANY	NORTHERN PUMP COMPANY	TERTIOTIE	001	4				BUNNESSE	345-34W	SEWARD	2
30195002	LEASE - OIL AND GAS	GERTIE THEIRER PINKERTON ET AL	QUINQUE OIL & GAS PRODUCING	9/16/1943		484	34S	34W	сr г	000040040	SECTION 35: E/2		2
	342 CITY IIC 12111	DAVI AMBERSON ET LIX	QUINQUE OIL & GAS PRODUCING	12/31/1942	47	395	34S	34W	35	34S34W35	345-34W SECTION 35: W/2	SEWARD	2
30134000	רבאצב - סור אווה מיט		CO. QUINQUE OIL & GAS PRODUCING	1/2/1943	47	524	345	34W	35	34S34W35	34S-34W SECTION 35: E/2	SEWARD	2
30195001	LEASE - OIL AND GAS	T. H. PRINTZ ET UX	CO.								34S-34W		
30396000	LEASE - OIL AND GAS	CITY OF LIBERAL KANSAS	NORVAL BALLARD	2/6/1951	106	298	34S	34W	36	34S34W36	SECTION 36: ALL LIMITED TO THE WELLBORE ONLY OF THE CITY OF LIBERAL C-1 WELL (API 1517521792)	SEWARD	и
			T. J. WAGNER JR	7/28/1943	12	559	34S	37W	9	34S37W6	34S-37W SECTION 6: NE/4 SW/4	STEVENS	2
84101000	LEASE - OIL AND GAS		T I 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			7/28/1943	11	217	345	38W	r.	34S3BW1	34S-38W SECTION 1: NE/4	STEVENS	2
84100000	LEASE - OIL AND GAS			2001110	٢	503	345	38W	27	34S38W27	345-38W CECTION 77: NW/4	STEVENS	2
30341000	LEASE - OIL AND GAS	JOHN BROWN ET UX	STEVENS COUNTY OIL & GAS CO.	DCGT/HT/G		200			1	001100010	345-38W	STEVENS	2
30342002	LEASE - OIL AND GAS	E. V. BARKER ET UX	A. T. SPIKES	3/11/1943	14	195	34S	38W	28	34S38W28	SECTION 28: NE/4		,
LOUCKEVE	LEASE - OIL AND GAS	ROSS E. TAYLOR ET UX	A. C. MOORHEAD	7/23/1943	12	201	34S	38W	28	34S38W28	SECTION 28: NE/4	STEVENS	2
10024606		Č	T. J. WAGNER JR	7/23/1943	12	185	34S	38W	31	34S3BW31	34S-38W SECTION 31: SW/4	STEVENS	2
84133000	LEASE - UIL AND GAS			530110017	5	319	34S	38W	31	34S38W31	34S-38W SECTION 31: NW/4	STEVENS	2
84135000	LEASE - OIL AND GAS						370	11/02	15	34S38W31	34S-3BW	STEVENS	7
84134000	LEASE - OIL AND GAS	MARY E. BARROWS ET VIR	T. J. WAGNER JR	8/7/1943	ñ	261	345	****	1		SECTION 31: SE/4		

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94136000 LEAGE-OIL AND GAS GEGREGE M. ROLL NIA LEAGE-OIL AND GAS BILLY JOE BRECHEISEN NIA LEAGE-OIL AND GAS BILLY JOE BRECHEISEN TOUL NIA LEAGE-OIL AND GAS BRENDA JEAN FAGAN TOOLE NIA LEAGE-OIL AND GAS CHARLES FRED HINCH FT UX NIA LEAGE-OIL AND GAS CHARLES FRED HINCH FT UX NIA LEAGE-OIL AND GAS CHARLES FRECHEISEN FT UX NIA LEAGE-OIL AND GAS CHARLES FRECHEISEN FT UX NIA LEAGE-OIL AND GAS CALEN A BRECHEISEN FT UX NIA LEAGE-OIL AND GAS LEGO BRECHEISEN FT UX NIA LEAGE-OIL AND GAS MARION W. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS MARION W. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS MARION W. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS RANDON D. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS RANDON D. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS RANDON D. BRECHEISEN FT UX NIA LEAGE-OIL AND GAS RANDON D. BRECHEISEN FT UX NIA LEAGE-OIL	A. C. MOGRHEAD TOUCHSTONE RESOURCES LTD TOUCHSTONE RESOURCES LTD TOUCHSTONE RESOURCES LTD TOUCHSTONE RESOURCES LTD	12/24/1942	Ħ						1100 010		
LEASE - OIL AND GAS LEASE -				511	34S	MAE	32	34S38W32	SECTION 32: NW/4	STEVENS	2
LEASE - OIL AND GAS LEASE -		4/17/1997	174	913	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OIL AND GAS LEASE -		4/18/1997	174	943	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
LEAGE - OIL AND GAS LEAGE - OIL A		4/7/1997	174	934	34S	38W	æ	34S38W33	345-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
LEAGE - OIL AND GAS LEAGE - OIL A		2/13/1997	174	931	34S	38W	33	34S3BW33	34S-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OLI AND GAS LEASE - OLI A	TOUCHSTONE RESOURCES LTD	3/3/1997	174	925	34S	38W	EE	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEAGE - OIL AND GAS LEAGE - OIL A	TOUCHSTONE RESOURCES LTD	6/10/1997	174	616	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
LEASE - OIL AND GAS LEASE - OIL A	TOUCHSTONE RESOURCES LTD	7601/12/E	174	928	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEAGE - OIL AND GAS	TOUCHSTONE RESOURCES LTD	2/18/1997	174	922	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OIL AND GAS	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	34S	38W	EE	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	7
LEAGE - OIL AND GAS	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4	STEVENS	2
LEASE - OIL AND GAS	TOUCHSTONE RESOURCES LTD	4/15/1997	174	907	34S	38W	BE	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OIL AND GAS	TOUCHSTONE RESOURCES LTD	5/7/1997	174	916	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
LEASE - OIL AND GAS TERM MIKEPAL DEED TERM MIKEPAL DEED	TOUCHSTONE RESOURCES LTD	8/14/2001	199	792	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OIL AND GAS TERM MIKEPAL DEED	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4	STEVENS	2
LEASE - OIL AND GAS TERM MIKEPAL DEED	TOUCHSTONE RESOURCES LTD	3/24/1997	174	940	34S	38W	33	34S38W33	345-38W SECTION 33: E/2 SW/4. SE/4	STEVENS	2
LEASE - OIL AND GAS	ANADARKO PETROLEUM CORPORATION	2/21/2001	196	444	34S	MBE	34	34S38W34	34S-38W SECTION 34: SW/4, EZ SW/4	STEVENS	2
LEASE - OIL AND GAS TERM MINERAL DEED	BENEDUM-TREES OIL COMPANY	5/10/1937	2	402	34S	38W	35	34S38W35	345-38VV SECTION 35: SE/4	STEVENS	2
LEASE - OIL AND GAS LEASE - OIL AND GAS TERM MIKEPAL DEED	VICTOR H. MARTIN	11/15/1927	u	642	34S	38W	35	34S38W35	345-38W SECTION 35: NW/4	STEVENS	2
LEAGE - OIL AND GAS LEAGE - OIL AND GAS LEAGE - OIL AND GAS LEAGE - OIL AND GAS LEAGE - OIL AND GAS TERM MINERAL DEED	VICTOR H. MARTIN	11/15/1927	u	643	34S	38W	35	34S38W35	345-38W SECTION 35: NE/4	STEVENS	2
LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS TERM MINERAL DEED	VICTOR H. MARTIN	11/15/1927	u	641	34S	38W	35	34S38W35	345-38W SECTION 15: SW/4	STEVENS	2
LEASE - OIL AND GAS LEASE - OIL AND GAS LEASE - OIL AND GAS TERM MINERAL DEED	ORVILLE H. PARKER	11/30/1940	10	367	34S	38W	4	34S38W4	345-38W SECTION 4: NE/4	STEVENS	2
LEASE - OIL AND GAS LEASE - OIL AND GAS TERM MINERAL DEED	ORVILLE H. PARKER	12/2/1940	10	377	34S	38W	4	34S38W4	34S-38W SECTION 4: NW/4	STEVENS	2
LEASE - OIL AND GAS TERM MINERAL DEED	ORVILLE H. PARKER	12/30/1940	10	381	34S	38W	4	34S38W4	345-38W SECTION 4: SW/4	STEVENS	2
TERM MINERAL DEED	MOBIL OIL CORPORATION	12/14/1989	136	543	34S	MGE	10	34S39W10	34S-39W SECTION 10: SE/4	STEVENS	2
	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	414	34S	MGE	Ħ	34S39W11	345-39W SECTION 11: SW/4	STEVENS	2
28383001 TERM MINERAL DEED HOWARD SIDLESS ET UX	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	440	34S	39W	11	34S39W11	345-39W SECTION 11: SW/4	STEVENS	2
30354000 LEASE - OIL AND GAS JOHN W. JENNER ET UX	REPUBLIC NATURAL GAS COMPANY	8/21/1943	12	301	345	MGE	11	34S39W11	34S-39W SECTION 11: NE/4	STEVENS	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
28383003	TERM MINERAL DEED	MARTELL SIDWELL ET AL	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	466	34S	39W	н	34S39W11	34S-39W SECTION 11: SW/4	STEVENS	2
30345000	LEASE - OIL AND GAS	SAM YOUNG ET UX	Z. N. DUNLAP	7/19/1935	2	377	34S	39W	н	34S39W11	34S-39W SECTION 11: SW/4	STEVENS	2
30355000	LEASE - OIL AND GAS	T. G. HICKS ET UX	THE ARGUS PRODUCTION COMPANY	1/17/1930	m	398	34S	M6E	п	34S39W11	34S-39W SECTION 11: SE/4	STEVENS	2
84337000	LEASE - OIL AND GAS	HOWARD OSMAN	A. M. LANDON	4/10/1943	12	40	34S	39W	EI	34S39W13	34S-39VV SECTION 13: N/2	STEVENS	2
84277000	LEASE - OIL AND GAS	MOLLIE A ESKRIDGE	A. C. MOORHEAD	1/10/1943	12	48	34S	39W	14	34S39W14	345-39W SECTION 14: NW/4	STEVENS	2
84276000	LEASE - OIL AND GAS	R. L. SMITH ET AL	HOWARD KUHN	9/6/1943	12	315	34S	MEE	14	34S39W14	34S-39W SECTION 14: SW/4	STEVENS	2
84278000	LEASE - OIL AND GAS	SAM YOUNG ET UX	Z N. DUNLAP	7/19/1935	2	376	34S	M6E	14	34S39W14	34S-39W SECTION 14: NE/4	STEVENS	2
84144000	LEASE - OIL AND GAS	ARTHUR FRIEDMAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/11/1947	23	59	34S	MGE	15	34S39W15	345-39W SECTION 15: SE/4 SW/4	STEVENS	2
84141000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	D. D. HARRINGTON	3/5/1946	14	131	34S	MGE	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2
84143000	LEASE - OIL AND GAS	DAVID FRIEDMAN ET IX	PANHANDLE EASTERN PIPE LINE COMPANY	10/11/1947	23	57	34S	M6E	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2
84142000	LEASE - OIL AND GAS	J. S. BROLLER ET UX	D. D. HARRINGTON	5/4/1946	14	243	34S	MGE	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2
84139000	LEASE - OIL AND GAS	MAGNOLIA PET CO	D. D. HARRINGTON	2/12/1945	13	385	34S	39W	15	34S39W15	345-39W SECTION 15: SE/4 SW/4,NE/4 SW/4, SE/4, SW/4 NW/4, W/2 SW/4	STEVENS	2
84177000	LEASE - OIL AND GAS	MAYOLA WILLIAMSON ET VIR	JOE E. DENHAM	8/2/1943	12	135	34S	MGE	15	34S39W15	34S-39VV SECTION 15: SE/4 NW/4, N/2 NW/4	STEVENS	2
30353000	LEASE - OIL AND GAS	R.L.SMITH ET AL	THE ARGUS PRODUCTION COMPANY	5/14/1930	m	432	34S	39W	15	34S39W15	345-39VV SECTION 15: NE/4	STEVENS	2
77284000	TERM MINERAL DEED	ROSE L FRIEDMAN	ANADARKO PETROLEUM CORPORATION	12/1/1986	121	60	34S	39W	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2
84140000	LEASE - OIL AND GAS	VIOLA MYRTLE SWEET	MAGNOLIA PETROLEUM COMPANY	4/3/1937	7	398	34S	M6E	15	34S39W15	34S-39VV SECTION 15: NE/4 SV/4, SE/4, SV/4 NV/4, VV/2 SV//4	STEVENS	2
N/A	TERM MINERAL DEED	YUNNE POELWUK	ANADARKO PETROLEUM CORPORATION	4/1/1988	234	432	34S	MGE	15	34S39W15	34S-39V/ SECTION 15: N/2 N/V/4, SE/4 N/V/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BLANCHE M. PFEIFER ET AL	BENEDUM-TREES OIL COMPANY	8/18/1941	10	468	34S	M6E	23	34S39W23	345-39W SECTION 23: SW/4	STEVENS	2, 23
N/A	LEASE - OIL AND GAS	JOHN MCATEE	BENEDUM-TREES OIL COMPANY	8/18/1941	10	470	34S	MGE	23	34S39W23	345-39W SECTION 23: SE/4	STEVENS	2, 23
84276000	LEASE - OIL AND GAS	R. L. SMITH ET AL	HOWARD KUHN	9/6/1943	12	315	34S	MGE	23	34S39W23	34S-39W SECTION 23: NW/4	STEVENS	2, 23
N/A	LEASE - OIL AND GAS	R. L. SMITH	BENEDUM-TREES OIL COMPANY	B/18/1941	10	473	34S	39W	24	34S39W24	34S-39W SECTION 24: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	SANTA FE LAND IMP CO.	BENEDUM-TREES OIL COMPANY	11/17/1941	10	272	34S	MGE	24	34S39W24	345-39W SECTION 24: SE/4	STEVENS	2
84315000	LEASE - OIL AND GAS	BLANCHE M. PFEIFER ET AL	BENEDUM-TREES OIL COMPANY	8/18/1941	10	469	34S	MGE	26	34S39W26	345-39VV SECTION 26: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	345	34S	MGE	26	34S39W26	345-39V/ SECTION 26: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ROY N. GERROND	MAGNOLIA PETROLEUM COMPANY	7/14/1937	8	484	34S	MGE	26	34S39W26	345-39W SECTION 26: NE/4	STEVENS	2
84307000	LEASE - OIL AND GAS	NELLIE GANN ET AL	A. C. MOORHEAD	1/4/1945	13	141	34S	39W	35	34S39W35	34S-39W SECTION 35: SE/4	STEVENS	2
84305000	LEASE - OIL AND GAS	NELLE M. GANN	A. C. MOORHEAD	1/4/1945	13	139	34S	M6E	35	34S39W35	345-39VV SECTION 35: NE/4	STEVENS	2
84306000	LEASE - OIL AND GAS	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	555	34S	39W	35	34S39W35	345-39V/ SECTION 35: NE/4	STEVENS	2

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84308000	LEASE - OIL AND GAS	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	553	34S	MGE	35	34S39W/35	34S-39W SECTION 35: SE/4	STEVENS	2
83394000	LEASE - OIL AND GAS	USA KSNM 67937	MATAGORDA ISLAND EXPLORATION CORPORATION	6/24/1987	43	1	34S	40W	13	34S40W13	34S-40W SECTION 13: NW/4	MORTON	2
83395000	LEASE - OIL AND GAS	USA KSNM 67938	MATAGORDA ISLAND EXPLLORATION CORPORATION	5/8/1987	43	7	34S	40W	13	34S40W13	34S-40W SECTION 13: SW/4	MORTON	2
83195000	LEASE - OIL AND GAS	CLARENCE A TURNER ET AL	C. S. MCCLUNG	6/25/1951	15	465	34S	41W	18	34S41W18	34S-41W SECTION 18: SE/4	MORTON	2
83260000	LEASE - OIL AND GAS	E. P. LEWIS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/29/1954	18	357	34S	41W	18	34S41W18	34S-41W SECTION 18: NE/4	MORTON	1
83262000	LEASE - OIL AND GAS	V. A. CANHELD ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/2/1954	18	360	34S	41W	7	34S41W7	34S-41W SECTION 7: SW/4	MORTON	1
83333000	LEASE - OIL AND GAS	USA KSNM 68742	MATAGORDA ISLAND EXPLLORATION CORPORATION	8/19/1987	43	170	34S	43W	20	34S43W20	345-43W SECTION 20: N/2 S/2, NE/4, NE/4, S/2, NE/4, S/2, N/4, S/4/14 SW/4	MORTON	T
83334000	LEASE - OIL AND GAS	USA KSNM 68743	MATAGORDA ISLAND EXPLLORATION CORPORATION	7/2/1987	43	178	34S	43W	20	34S43W20	34S-43W SECTION 20: SE/4 SW/4	MORTON	1
300123000	LEASE - OIL AND GAS	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	1
83764000	LEASE - OIL AND GAS	ALAN S. GRAHAM ET UX	J. FRED HAMBRIGHT INC.	10/17/1996	476	1078	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83774000	LEASE - OIL AND GAS	BETTY L. MITCHELL ET VIR	J. FRED HAMBRIGHT INC.	8/25/1996	478	969	35S	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
83768000	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
83762000	LEASE - OIL AND GAS	DEAN E. GLEASON LIV TRUST	J. FRED HAMBRIGHT INC.	8/20/1996	475	658	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83771000	LEASE - OIL AND GAS	ELMA C. BRANDES	J. FRED HAMBRIGHT INC.	8/25/1996	478	704	35S	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
86766000	LEASE - OIL AND GAS	HAROLD E. BOX ET UX	J. FRED HAMBRIGHT	8/13/1997	485	944	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83773000	LEASE - OIL AND GAS	HELEN GUTTRIDGE	J. FRED HAMBRIGHT INC.	8/25/1996	478	698	35S	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
83765000	LEASE - OIL AND GAS	LEASA TITUS ET VIR	J. FRED HAMBRIGHT INC.	10/17/1996	477	520	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83761000	LEASE - OIL AND GAS	LOUIS K. IPSON ET UX	J. FRED HAMBRIGHT INC.	8/20/1996	475	317	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83770000	LEASE - OIL AND GAS	MARLIN BROWN ET UX	J. FRED HAMBRIGHT INC.	8/24/1996	478	700	35S	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
83769000	LEASE - OIL AND GAS	MELODY FRY ET VIR	J. FRED HAMBRIGHT	11/17/1997	489	582	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83767000	LEASE - OIL AND GAS	MILDRED IRENE OMAN	J. FRED HAMBRIGHT INC.	8/31/1996	476	926	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
83772000	LEASE - OIL AND GAS	URIEL W. BROWN ET UX	J. FRED HAMBRIGHT INC.	8/25/1996	478	702	355	32W	9	35S32W6	35S-32W SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
83763000	LEASE - OIL AND GAS	WRIGHT FAMIILY TRUST	J. FRED HAMBRIGHT INC.	10/11/1996	9/7	1076	35S	32W	9	35S32W6	35S-32W SECTION 6: SE/4	SEWARD	2
62266000	LEASE - OIL AND GAS	HENRY V. TUCCKER ET UX	F. W. KAMPF	11/21/1944	69	623	35S	33W	9	35S33W6	35S-33W SECTION 6: THE SOUTH 120 ACRES OF THE SW/4	SEWARD	2
30156000	LEASE - OIL AND GAS	רסח אסררבא	PANHANDLE EASTERN PIPELINE CO.	B/30/1944	69	125	35S	MEE	7	35S33W7	35S-33W SECTION 7: SE/4	SEWARD	2
NIA	LEASE - OIL AND GAS	CAROL SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	57	355	34W	H	35S34W1	35S-34W SECTION 1: SW/4 NE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	GORDON M. SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	61	355	34W	ч	35S34W1	35S-34W SECTION 1: SW/4 NE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	HENRY V. TUCKER JR. ET UX	ANADARKO PRODUCTION COMPANY	2/17/1982	332	579	355	34W	1	35S34W1	355-34W SECTION 1: S/2 NE/4 SE/4	SEWARD	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legat Description	County	Footnote
NIA	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, N/2 SE/4	SEWARD	2
NIA	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, NZ SE/4	SEWARD	2
NIA	LEASE - OIL AND GAS	V. MARIAN FULLER LIVING TRUST	ANADARKO PRODUCTION COMPANY	12/12/1997	497	363	35S	34W	14	35S34W14	355-34W SECTION 14: LOTS 1. 2, NE/4 SW/4, NW/4 SW/4, NZ SE/4	SEWARD	2
83601000	LEASE - OIL AND GAS	ERNEST P. BOLES ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/8/1943	47	387	355	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	355	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	355	34W	17	35S34W17	35S-34W SECTION 17: 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	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	355	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	355	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	u	485	355	34W	4	35S34W4	35S-34W SECTION 4: SE/4	SEWARD	2
83603000	LEASE - OIL AND GAS	LL L. BUNTING ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/9/1943	47	388	355	34W	4	35S34W4	35S-34W SECTION 4: SW/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	თ	35S34W9	35S-34W SECTION 9: W/2	SEWARD	2
30338002	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	ŋ	357	355	38W	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	355	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	ß	387	35S	38W	16	35S38W16	35S-38W SECTION 16: N/2, 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	355	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	п	437	355	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	355	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	35S	38W	17	35S38W17	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	38W	4	35S3BW4	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	35S-38W SECTION 4: N/2 NE/4	STEVENS	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
N/A	LEASE - OIL AND GAS	CHARLES FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	4/7/1997	174	934	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES P. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	2/13/1997	174	156	355	38W	4	35S38W4	35S-38W SECTON 4: N/2 NE/4	STEVENS	2
30335000	LEASE - OIL AND GAS	EMMA F. LANDER	JOE E. DENHAM	3/23/1944	12	491	355	38W	4	35S38W4	355-38W SECTION 4: NVV/4	STEVENS	2
N/A	LEASE - OIL AND GAS	FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/3/1997	174	925	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GALEN A. BRECHEISEN ET AL	TOUCHSTONE RESOURCES LTD	6/10/1997	174	919	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
NIA	LEASE - OIL AND GAS	GEORGE L. HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/21/1997	174	928	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	JAN DEE FAGAN LLOYD	TOUCHSTONE RESOURCES LTD	2/18/1997	174	922	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
NIA	LEASE - OIL AND GAS	LEE O. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	355	38W	4	35S38W4	35S-38W SECTON 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MARION W. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	PEGGY H. BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/15/1997	174	907	355	38W	4	35S38W4	35S-38W SECTON A: N/2 NE/4	STEVENS	2
NIA	LEASE - OIL AND GAS	RANDON D. BRECHEISEN	TOUCHSTONE RESOURCES LTD	5/7/1997	174	916	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RODNEY L BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	792	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
NIA	LEASE - OIL AND GAS	RONALD J. SCOTT ET UX	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	355	38W	4	35S38W/4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ROSEMARY FAGAN		3/24/1997	174	940	355	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
30337000	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	M. L. BENEDUM, J. C. TREES AND JOHN S. WELLER	5/31/1933	9	613	355	38W	σ	35S38W9	35S-38W SECTION 9: SE/4	STEVENS	2
84183000	LEASE - OIL AND GAS	ARGO OIL CORPORATION	JOE E. DENHAM	3/25/1944	12	601	355	MGE	12	35S39W12	35S-39W SECTION 12: SW/4	STEVENS	2
84180000	LEASE - OIL AND GAS	C. E. MCCARTY ET AL	JOE E. DENHAM	7/23/1943	12	121	35S	MGE	12	35S39W12	35S-39W SECTION 12: NW/4	STEVENS	2
77305000	TERM MINERAL DEED	ELSIE L. GRASSMUCK	ANADARKO PETROLEUM CORPORATION	3/25/1986	117	622	355	MGE	12	35S39W12	355-39W SECTION 12: SW/4	STEVENS	2
84181000	LEASE - OIL AND GAS	LULU STANLEY COMLEY ET AL	JOE E. DENHAM	3/25/1944	12	597	355	MGE	ü	35S39W12	35S-39W SECTION 12: SW/4	STEVENS	2
77270000	TERM MINERAL DEED	MARY ELIZABETH MYER ET AL	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	35S	39W	12	35S39W12	35S-39W SECTION 12: NW/4	STEVENS	2
84182000	LEASE - OIL AND GAS	SALTMOUNT OIL COMPANY	JOE E. DENHAM	3/25/1944	12	599	355	MGE	12	35S39W12	35S-39W SECTION 12: SW/4	STEVENS	2
84197000	LEASE - OIL AND GAS	H. C. GERBER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	12/18/1947	23	83	355	MGE	14	35S39W14	35S-39W SECTION 14: N/2 NE/4	STEVENS	2
85446000	LEASE - OIL AND GAS	B G MANWARREN AND DENA MANWARREN HIS WIFE	CITIES SERVICE OIL COMPANY	12/31/1942	240	10	NE	12ECM	н.	3N12ECM1	3N-12ECM Sec. 1: N/2: SW/4	TEXAS	28, 34
85290000	LEASE - OIL AND GAS	LEVAND	PANHANDLE EASTERN PIPE LINE COMPANY	3/15/1951	257	306	ĸ	12ECM	-1	3N12ECM1	3N-12ECM Sec 1: SE/4	TEXAS	28, 34
85287000	LEASE - OIL AND GAS	GEORGE C HITCH AND WILLIE HITCH HIS WIFE		8/21/1945	251	456	Zm	12ECM	н	3N12ECM1	3N-12ECM Sec 1: SE/4	TEXAS	28, 34
85289000	LEASE - OIL AND GAS	MARGARET STEPHENS A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	3/14/1951	257	307	NE	12ECM	H	3N12ECM1	3N-12ECM Soc 1: SE/4	TEXAS	28, 34
85480000	LEASE - OIL AND GAS	TRUSTEES OF UNITY CHURCH OF RED POINT TOWNSHIP OF TEXAS COUNTY, OKLAHOMA		3/7/1951	257	305	NE	12ECM	1	3N12ECM1	3N-12ECM Soc. 1: NE/4	TEXAS	28, 34
85288000	LEASE - OIL AND GAS	WILLIAM O (BILLY) STEPHENS A SINGLE PERSON	PANHANDLE EASTERN PIPE LINE COMPANY	3/14/1951	257	308	NE	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: SE/4	TEXAS	28, 34

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Legal Description County Footnote	N/4	D THE BASE OF THAT ER FORWATION AT A ERTRATREAHIC DIN THE STEPHEND 10 310 FWL OF SECTION 10 JUNTY, OK				TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS	TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS TEXAS
3N-13ECM	LIMITED FROM THE SUBFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3.157 FEET, OA THE STRATIFBAXPHIC EQUIVALENT THREAGF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990°FE, AND 2.310 FWL OF SECTION 10 #1 WELL LOCATED 990°FE, AND 2.310 FWL OF SECTION 10		3N-13ECM SECTION 10: NW/4 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROOF (BADER) FORMATION AT A DEPTH OF 3.267 FEEL, OR THE STRATIGARAPHIC 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 THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3147 FEET, OR THE STRATIGARAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990° FSL AND 2310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK 3N-13ECM TE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3140° FEET, ON THE STREPHEND 10 #1 WELL LOCATED 990° FSL AND 23310 FWL OF SECTION 10 #1 WELL LOCATED 990° FSL AND 23310 FWL OF SECTION 10 #1 WELL LOCATED 990° FSL AND 23310 FWL OF SECTION 10 #1 WELL LOCATED 990° FSL AND 23310 FWL OF SECTION 10	3N-13ECM SECTION 10: NW/4 AN THE SUPRACE TO THE BASE OF THAT DUNCL GROVE (BADER) FORWATTON AT A F 3.167 FET: OR THE STRANTIGARPHC FFE 300 THE STRANTIGARPHC 10 THERGOF, AS FOUND IN THE STREMEND 10 THE 300 FEL AND 2.310 FWL OF SECTION 10 IN-13ECM, TEXAS COUNTY, OK SECTION 10: EZ OM THE SURFACE TO THE BASE OF THAT JUNCL GROVE (BADER) FORWATION AT A SECTION 10: EZ OM THE SURFACE TO THE BASE OF THAT JUNCL GROVE (BADER) FORWATION AT A SECTION 10: EZ OM THE SURFACE TO THE BASE OF THAT JUNCL GROVE (BADER) FORWATION AT A SECTION 10: EZ OM THE SURFACE TO THE BASE OF THAT JUNCL GROVE (BADER) FORWATION AT A SECTION 10: EZ OM THE SURFACE TO THE BASE OF THAT JUNCL GROVE (BADER) FORWATION AT A SECTION 20: EXAMINE AN JUNCL GROVE (BADER) FORWATION AT A SECTION 20: EXAMINE SECTION 20: EXAMINE SECTION 20: EXAMINE SECTION 20: EXAMINE SECTION 20: EXAMINE	3N-13ECM 3N-13ECM SECTION 10. 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SEV4	3N-13ECM 3N-13ECM SECTION 10: NW/4 SECTION 11: NW/4 NM THE SUPRACE TO THE SUPER OF THAT DUNCL GROVE (BADER) FORWATION AT A F3.1.67 FEET: OR THE STRANTIGARPHC THESOPACE TO THE STRANTIGARAPHC THEORON, 210 FWL OF SECTION 10 NI-13ECM, TEXAS COUNTY, OK SIATIBODO'TELADER) FORMATION AT A NI-13ECM, TEXAS COUNTY, OK SECTION 10: ERVE SECTION 10: ERVE NI-13ECM TEXAS COUNTY, OK SECTION 10: ERVE NI-13ECM SECTION 10: ERVE SECTION 10: ERVE <td>3N-13ECM 3N-13ECM SECTION 10: NW/4 SECTION 10: NW/4 SECTION 10: NW/4 SECTION 10: NWE SUPPLED DUNCL GROVE (BADER) FORWATION AT A THERDF, AS FOUND IN THE STEPHEND 10 TE 31.57 FEET, OR THE BASE OF THAT SUNLIC GROVE (BADER) FORMATION AT A SUPLIC GROVE (BADER) FORMATION AT A</td> <td>3N-13ECM 3N-13ECM SECTION 10: NW/4 SECTION 10: NW/4 COM THE SUFFACE TO THE BASE OF THAT COUNCIL GROVE (BADER) FORMATION AT A COUNCIL GROVE (BADER) FORMATION AT A OF 31.67 FET: OA THE STEPARADHOL 10 3N-13ECM, TEXAS COUNTY, OK 3N-13ECM, TEXAS COUNTY, OK 3N-13ECM, TEXAS COUNTY, OK 3N-14ECM 3N-13ECM, TEXAS COUNTY, OK 3N-14ECM Sec. 5. SEVA 3N-14ECM Sec. 6. SEVA SW/4 SW/4 SW/4 SW/4 SW/4 SW/4 SW/4 SW/4</td> <td>3N-13ECM 3N-13ECM SECTION 10: NW/4 SECTION 11: NW/4 NM THE SURFACE TO THE SURFACTION AT A THE SURFACE TO THE STRANTIGARPHIC THESDBOY FER. 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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	ЗN	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	ЯN	21ECM	1	3N21ECM1	3N-21ECM Sec.1: Lot 3: SE/4 NW/4	BEAVER	3, 11
31903013	LEASE - OIL AND GAS	B F FINLEY AND NETTIE ANN FINLEY HIS WIFE	FUNK EXPLORATION	1/18/1983	608	18	Ne	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NEW, SEV. SW/4 Less and except a square one core tract in the Northwest Conner of the NW/4	BEAVER	m
31903009	LEASE - OIL AND GAS	BARBARA ARNOLD COLTHARP AKA BARBARA JEAN ARNOLD COLTHARP AND HUSBAND FORREST COLTHARP	FUNK EXPLORATION	1/11/1983	607	527	Nm	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one core tract in the Northwest Conner of the NW/4	BEAVER	m
31903016	LEASE - OIL AND GAS	C W MANN DEALING IN HIS OWN AND SEPARATE PROPERTY	FUNK EXPLORATION INC	2/1/1983	608	560	NE	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NEM; NWM; SEM; SWM Less and except a square or ever tract in the Northwest Conner of the NWM.	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-21ECM Sec. 12: NU/X; SEV: SW/4 Less and except a square one acter in the Northwest Corner of the NU/X:	BEAVER	m
31903022	LEASE - OIL AND GAS	CHRIS SAMUEL HOLZER A SINGLE PERSON	FUNK EXPLORATION INC	2/22/1983	610	796	ЗN	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NW(4; SE(4; SW/4 Less and except a square one area tract in the Northwest Conner of the NW(4	BEAVER	m
31903017	LEASE - OIL AND GAS	CLIFFORD P HICKOK AND MARION LEE HICKOK HIS WIFE	FUNK EXPLORATION INC	1/24/1983	609	565	ЗN	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(4; NW/4; SE(4; SW/4 Less and except a square one orter that the Northwest Conner of the NW/4	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	ß	ЗN	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NEI4; NW/4; SEV4; SW/4 Less and except a square one ore ettact in the Northwest Conner of the NW/4	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-2JECM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one core tract 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(A; NW/A; SE(A; SW/A Less and except a square one are tract in the Northwest Conner of the NW/A	BEAVER	т
31903010	LEASE - OIL AND GAS	JOE EXTON AND WIFE NANCY J EXTON	FUNK EXPLORATION	1/11/1983	607	517	NE	21ECM	12	3N21ECM12	3N-21EGM Sec. 12: NE(4; NW(4; SE(4; SW/4 Less and except a square one are struct in the Northwest Corner of the NW(4	BEAVER	m
31903033	LEASE - OIL AND GAS	JULIA E GILKEY AKA JULIA WILSON RICHEY GILKEY, DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/11/1983	606	628	an	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: NE(A; NW/A; SE(4; SW/4 Less and except a square are tract in the Northwest Conner of the NW/P	BEAVER	n
31903001	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	103	BN	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: SW/4	BEAVER	m
31903002	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	109	SN	21ECM	12	3N21ECM12	3N-21ECM Sec. 12: SE/4	BEAVER	E
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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	BEAVER 3	BEAVER 3		BEAVER 3											
3N-21ECM	See. 12: NEM4; NWV4; SEM4; SWV4 Less and except a square one acre tract in the Northwest Corner of the NWV/4	3N-21ECM Sec. 12: NUX4; SEV4; SVV4 Less and except a square one acro tract in the Northwest Conner of the NVV4		3N-21ECM Sec. 12: NE4: NW4: SE4: SW/4 Less and except a square on acer tract in the Northwest Conner of the NW/4	3N-21ECM Sec. 12: NE4; NW4; SE4; SW/4 Less and except a square on a cer tract in the Northwest Carner of the NW/4 Sec. 12: NE4; NW4; SE4; SW/4 Less and except a square one acer tract in the Northwest Less and except a square one acer tract	3N-21ECM Soc. 12: NEV; NVX; SEV; SVX4 Less and except a square one acre tract in the Northwest Conner of the NVX4 3N-21ECM Soc. 12: NEV; NVX4; SEV4; SVV4 Less and except a square on acre tract in the Northwest Corner of the NVX4; Soc. 12: NEV4; NVX4; SEV4; SVV4 Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest	3N-21ECM 3N-21ECM Soc 12: NEV; NV4, SE4; SVV4 Less and except a square on a cer tract in the Northwest Corner of the NVV4 Soc 12: NEV; NV4; SE4; SVV4 Less and except a square one acre tract in the Northwest Corner of the NVV4 Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest	3N-21ECM 3N-21ECM Sec 12: NEV; NW4; SE4; SW4 Less and except a square on a cer tract in the Northwest Corner of the NW4; SE4; SW4 Sec 12: NEV; NW4; SE4; SW4 Less and except a square one acre tract in the Northwest Corner of the NW4; Less and except a square one acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest Less and except a square on acre tract in the Northwest	3N-21ECM Soc. 12: NEX; NW4; SE4; SW4 Loss and except a square one acre tract in the Northwest Corner of the NW4; Soc. 12: NEX; NW4; SE4; SW4 Loss and except a square one acre tract in the Northwest Loss and except a square one acre tract in the Northwest Loss and except a square one acre tract in the Northwest Loss and except a square one acre tract in the Northwest Loss and except a square one acre tract in the Northwest Loss and except a square one acre tract in the Northwest Less and except a square one acre tract in the Northwest	3N-21ECM Soc. 12: NE4: NW4: SE4: SW4 Less and except a square on a cre trat in the Northwest Conner of the NW4: Soc. 12: NE4: NW4: SE4: SW4 Less and except a square on a cre trat in the Northwest Correct of the NW4: Soc. 12: NE4: NW4: SE4: SW4 Less and except a square on a cre trat in the Northwest	3N-21ECM Soc. 12: NEV; NW, SE4; SW/4 Less and except a square on a cre tract in the Northwest Corner of the NW/4, SE4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4, SE4; SW/4 Less and except a square one acre tract in the Northwest Less and except a square one acre tra	3N-21ECM Soc. 12: NEX; NW4; SEX; SW4 Less and except a square one acre tract in the Northwest Corner of the NW4; Less and except a square one acre tract in the Northwest Less and except a squ	 3N-21ECM Soc. 12: NE4: NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Conner of the NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Corner of the NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Corner of the NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Corner of the NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Corner of the NW4: SE4: SW4 Less and except a square on a cre tract in the Northwest Less and except a square on a cre tract in the Northwest Corner of the NW4. 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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	AND SEPARATE PROPERIY NEVA OLIVER A SINGLE WOMAN	AND SEPARATE PROPERTY NEVA OLIVER A SINGLE WOMAN OPAL JUANITA GOOBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY	AND SEPARATE PROPERTY NEVA OLIVER A SINGLE WOMAN OPAL JUANITA GOOBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GOODBARY A WIDOW	AND SEPARATE PROPERTY NEVA OLVER A SINGLE WOMAN OPAL JUANITA GODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW PHYLLS C RAHE AND MAX N RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST	AND SEPARATE PROPERTY NEVA OLVER A SINGLE WOMAN OPAL JUANITA GODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW PHYLLIS C RAHE AND MAX N RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST	AND SEPARATE PROPERTY NEVA OLIVER A SINGLE WOMAN OPAL JUANITA GODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW ROBERT J ARNOLD A SINGLE MAN ROBERT J ARNOLD A SINGLE MAN SABINE CORPORATION	AND SEPARATE PROPERITY NEVA OLVER A SINGLE WOMAN OPAL JUANITA GOODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERITY OPAL W GOODBARY A WIDOW OPAL W GOODBARY A WIDOW OPAL W GOODBARY A WIDOW TRUSTEES OF THE NELL M CARD LUNNG TRUSTEES OF THE NELL M CARD LUNNG TRUSTEES OF THE NELL M CARD LUNNG TRUSTEES OF THE NELL M CARD LUNNG TRUST ROBERT J ARNOLD A SINGLE MAN SABINE CORPORATION T D BERRY INVESTMENT CO INC	AND SEPARATE PROPERTY NEVA OLIVER A SINGLE WOMAN OPAL UNANTA GODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW TRUSTEES OF THE NELL M CARD LIVING TRUST ROBERT J ARNOLD A SINGLE MAN ROBERT J ARNOLD A SINGLE MAN ROBERT J ARNOLD A SINGLE MAN THE HOME-STAKE OIL & GAS COMPANY THE HOME-STAKE OIL & GAS COMPANY	AND SEPARATE PROPERTY NEVA OLIVER A SINGLE WOMAN OPAL JUANITA GODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY OPAL W GODBARY A WIDOW OPAL W GODBARY A WIDOW PHYLLIS C RAHE AND MAX N RAHE TRUSTEES OF THE NILL M CARD LIVING TRUSTEES OF THE NILL M CARD LIVING THE HOME-STAKE OIL & GAS COMPANY THE HOME-STAKE OIL & GAS COMPANY THE HOME-STAKE OIL & GAS COMPANY
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County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	an-22eCM Sec 21: SE4	3N-22ECM Soc. 21: SE/4	3N-22ECM Sec 21: NW/4	3N-22ECM Sec. 21: E/2 SW/4: W/2 SW/4	3N-22ECM Sec. 21: E/2 NE/4	3N-22ECM Soc. 21: W/2 NE/4	3N-22ECM Sec. 25: SEA	3N-22ECM Sec. 25: SE/4	3N-22ECM Sec 25: SE/4	3N-22ECM Sec. 25: SE/4	av-22ECM Sec 25: SE/4	3N-22ECM Sec. 3: Lots 2, 3 & 4; SE/4 NW/4	3N-22ECM Soc 3: Lot 1: SE/4: S/2 NE/4: SW/4 SW/4	3N-22ECM Sec. 3: N/2 SW/4; SE/4 SW/4; SW/4 NW/4	3N-22ECM Sec. 3: Lots 2, 3 & 4; SW/4 NW/4; N/2 SW/4; SE/4 SW/4; SE/4 NW/4	3N-22ECM Sec 3: SW/4 NW/4: N/2 SW/4: SE/4 SW/4	3N-22ECM Sec. 4: NE/4	3N-22ECM Soc. 4: NE/4	3N-22ECM Sec. 4: S/2: N/V/4	3N-22ECM Sec. 4: NE/4						
Concatenate	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM21	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM25	3N22ECM3	3N22ECM3	3N22ECM3	3N22ECM3	3N22ECM3	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4
Section	21	21	21	21	21	21	25	25	25	25	25	25	25	25	25	25	25	æ	m	m	m	m	4	4	4	4
Range	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM
Township	M	ĸ	M	NE	M	SN	NE	NE	M	ЗN	N	ЗN	NE	ЗN	NE	N	NE	M	NE	ЗN	NE	NE	NE	ЗN	ЗN	ЗN
Page	411	192	189	195	115	115	531	452	189	598	602	594	596	592	604	506	590	144	572	62	312	81	169	173	668	177
Book	675	565	565	565	575	575	461	475	474	462	462	462	462	462	462	469	462	460	405	406	458	406	987	987	987	987
Date	1/18/1982	10/15/1981	10/15/1981	10/15/1981	1/20/1982	1/20/1982	2/10/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	2/16/1977	3/12/1974	1/17/1974	1/19/1974	10/14/1976	1/21/1974	3/27/1997	3/27/1997	4/15/1997	3/27/1997
Original Lessee	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	PAN EASTERN EXPLORATION COMPANY	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	RALPH P CLARK JR	FRED A GLASSCO	RALPH P CLARK JR	RALPH P CLARK JR	PAN EASTERN EXPLORATION COMPANY	RALPH P CLARK JR	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART
Original Lessor	THE FIRST NATIONAL BANK AND TRUST COMPANY OF TULSA TRUSTEE OF THE JOSEPH BOWES TRUSTS B-I AND B-II	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	WILSON W WAMPLER A SINGLE MAN	WILSON W WAMPLER A SINGLE MAN	C B ZIMMERMAN AKA CHARLIE B ZIMMERMAN & EDNA ZIMMERMAN HIS WIFE	ELBERT PAUL HUTCHENS AND JUANITA HUTCHENS HIS WIFE	ELIZABETH PRITCHETT	JEAN BAUGH	JESSE J MAXWELL	LORAINE GIERMAN	MARTHA WEBER	MARY MCELHENY	RUTH HAHN	TENNIE FOX	THELMA CRESSWELL A WIDOW	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12954	FORREST WOOLERY A SINGLE MAN	H A CASSIDY AND AGNES CASSITY HIS WIFE	LEM B VANDEBURGH & CLARA OPAL VANDEBURGH HIS WIFE	RUBY B CASSITY A WIDOW	ELSWORTH HOOVER AND DOROTHY JEAN HOOVER HIS WIFE	IVA PAULINE HANCOCK A WIDOW	JIMMY L PUGH AND CAROL J PUGH HUSBAND AND WIFE	JOHNNIE M JONES JR
Agreement Type	CORRECTED LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	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 #	31892005	31892001	31888001	31890001	31859003	31859003	32117001	32117011	32117010	32117006	32117008	32117002	32117007	32117003	32117005	32117009	32117004	32101003	32100000	32101001	32101004	32101002	32137001	32137003	32145003	32145004

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Footnote	m	e	m	ю	m	m	m	m	m	m	m	m	m	m	m	m	B	m	m	m	m	28, 35	28, 35	28, 35
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	TEXAS	TEXAS	TEXAS
Legal Description	3N-22ECM Sec. 4: NE/4	3N-22ECM Sec. 4: NE/4	3N-22ECM Sec.4: NW/4: 5/2	3N-22ECM Soc. 4: NE/4	3N-22ECM Sec. 4: NE/4	3N-22ECM Sec. 4: NW/4; S/2	3N-22ECM Sec. 4: NE/4	3N-22ECM Sec. 4: NW/4; S/2	3N-22ECM Sec. 9: SE/4	3N-22ECM Sec. 9: SE/4	3N-22ECM Sec. 9: NW/4	3N-22ECM Sec. 9: SW/4	3N-22ECM Sec. 9: NE/4	3N-22ECM Sec. 9: SE/4	3N-22ECM Sec. 9: SE/4	3N-22ECM Sec. 9: NE/4	3N-22ECM Sec. 9: SW/4; NW/4	3N-22ECM Sec. 9: SE/4	3N-22ECM Sec. 9: NE/4: NVV/4: SVV/4	3N-22ECM Sec 9: NVV/4: SVV/4	3N-22ECM Sec. 9: NE/4	4N-12ECM Sec. 13: SW/4	4N-12ECM Sec. 13: SW/4	4N-12ECM Sec. 13: NW/4
Concatenate	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM4	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	3N22ECM9	4N12ECM13	4N12ECM13	4N12ECM13
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Range	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	12ECM	12ECM	12ECM
Township	NB	Ne	Zm	Ne	N	Ze	NE	Nm	NE	R	M	M	M	NE	Ne	N	NE	Ne	NE	Ne	M	4N	N4	N4
Page	171	415	179	670	175	295	411	413	342	207	468	472	39	209	299	36	260	277	556	263	42	88	311	337
Book	987	987	987	987	987	886	987	987	458	461	462	462	414	461	458	414	416	458	415	415	414	252	257	251
Date	3/27/1997	2/27/1997	4/3/1997	4/2/1997	3/27/1997	4/18/1997	3/27/1997	4/18/1997	10/26/1976	10/12/1976	3/26/1974	3/26/1974	4/13/1974	10/26/1976	10/26/1976	4/19/1974	9/17/1974	10/26/1976	8/19/1974	9/17/1974	4/13/1974	12/28/1945	3/20/1951	12/14/1944
Original Lessee	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	MICHAEL D LEONHART	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	RALPH P CLARK JR	RALPH P CLARK JR	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	PAN EASTERN EXPLORATION COMPANY	CITIES SERVICE GAS COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY
Original Lessor	JUANITA THELMA SLAYTON	LAYMON H JONES JR AND DIANE JONES HIS WIFE	MILDRED W LEWIS TRUSTEE UNDER AGREEMENT DATED FEBRUARY 15, 1979 WITH MILDRED W LEWIS AS TRUSTOR	NORA BELL JONES A WIDOW	OPAL SCONCE JONES A WIDOW	RUTH C WILLIAMS & ORIN PAUL WILLIAMS UCCESSOR CO-TRUSTEES FIBIO THE WYATT H & RUTH C WILLIAMS IRRIVOCABLE TRUST B 11151 U/A IRRIVOCABLE TRUST B 11515 U/A	UNA M HAMILTON AND ROBERT HAMILTON HER HUSBAND	WALTER J WILLIAMS	ANN BOWLING & TOM BOWLING HER HUSBAND	BILLIE JEAN ROSS & WARREN C ROSS HER HUSBAND	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12984	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 12985	HUGH B WILLIAMS	KAYE SIPES & BOB SIPES HER HUSBAND	MARK MYERS A SINGLE PERSON	MILDRED W LEWIS AND B N LEWIS HER HUSBAND	MILDRED W LEWIS AND B N LEWIS HER HUSBAND	NEILL MYERS & BARBARA MYERS HIS WIFE	WALTER J WILLIAMS AND MILDRED E WILLIAMS HIS WIFE	WYATT H WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE	WYATT M WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE	ALICE C STAMPER AND FAY M STAMPER HER HUSBAND	IKS A	C A BRANAMAN AND L GRACE BRANAMAN HIS WIFE
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	32137002	32137007	32145001	32137008	32137005	32145004	32137006	32145002	32095004	32095001	32087005	32087008	32087002	32095002	32095005	32087001	32087006	32095003	32087004	32087007	32087003	85417000	85422000	85259000

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4N-12ECM	Sec. 13: SW/4 4N-12ECM 522 13: 55/4	4N-12ECM 5ec. 13: 5W/4	4N-12ECM Sec. 13: SW/4	4N-12ECM	Sec. 13: SW/4	500. 13: 5W/4 4N-12ECM 500. 13: 5W/4	Sec. 1.3: 5W/4 4N-12ECM Sec. 1.3: SW/4 Sec. 1.3: SW/4 Sec. 1.3: SW/4	Sec. 13: SWV4 44: 12ECM 5ec. 13: SWV4 41: 12ECM 5ec. 13: SWV4 Sec. 13: NE/4 Sec. 13: NE/4	4N-125CM 4N-125CM Sec 13: SW/4 4N-125CM Sec 13: SW/4 4N-125CM Sec 13: NE/4 4N-125CM Sec 24: SW/4 Sec 24: SW/4	AN 125CM AN 125CM Sec 13: SW/4 AN 126CM Sec 13: SW/4 AN 125CM AN 125CM Sec 24: SW/4 Sec 24: SW/4 Sec 24: SW/4	4N-12ECN 4N-12ECN See 13: SW/4 4N-12ECM See 13: SW/4 See 13: SW/4 See 13: SW/4 See 24: SW/4 See 24: SW/4 See 24: SW/4 See 24: SW/4 See 24: SW/4	4N-12ECM 4N-12ECM See 13: SW/4 See 13: SW/4 See 13: SW/4 AN-12ECM See 13: SW/4 See 24: SW/4 SEE	4N-12ECM 4N-12ECM See 13: SW/4 4N-12ECM AN-12ECM See 13: NE/4 AN-12ECM See 24: SW/4 See 24: SW/4 See 24: SW/4 See 24: NE/4 AN-12ECM See 24: NE/4 See 24: NE/4	4N-12ECN 5ec 13: SW/4 Sec 13: SW/4 4N-12ECN 5ec 13: SW/4 Sec 13: SW/4 Sec 13: SW/4 Sec 24: SW/4 5ec 24: SW/4 5ec 24: NW/4 Sec 24: NW/4 Sec 24: NW/4 Sec 24: NW/4 Sec 24: SW/4 Sec 24: SW/4	4N-12ECN 5ee 13: SW/4 5ee 13: SW/4 4N-12ECN 5ee 13: SW/4 5ee 13: SW/4 See 13: SW/4 5ee 24: SW/4 4N-12ECM 5ee 24: SW/4 5ee 24: NW/4 5ee 24: SW/4 5ee 24: SW/4	4N-12ECM 4N-12ECM See 13: SW/4 4N-12ECM 5ee 13: SW/4 AN-12ECM See 13: NE/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4	4N-13ECM 4N-12ECM See 13: SW/4 4N-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 See 13: SW/4 See 13: SW/4 See 24: SW/4 See 24: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4	4N-12ECN 4N-12ECN See 13: SW/4 4N-12ECN See 13: SW/4 4N-12ECM See 13: SW/4 AN-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4	4N-12ECM 4N-12ECM See 13: SW/4 4N-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 See 13: SW/4 See 24: SW/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 4N-12ECM See 24: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4	4N-12ECM 4N-12ECM See 13: SW/4 4N-12ECM See 13: SW/4 4N-12ECM See 13: SW/4 See 24: SW/4 AN-12ECM See 24: SW/4 See 26: SW	4N-12ECM 4N-12ECM See 13: SW/4 4N-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4 AN-12ECM See 24: SW/4 See 24: SW/4 SEE SEE SEE SEE SEE SEE SEE SEE SEE SE	4N-12ECM 4N-12ECM 4N-12ECM 5ec 13: SW/4 4N-12ECM 5ec 13: SW/4 4N-12ECM 5ec 13: SW/4 5ec 13: SW/4 5ec 13: SW/4 4N-12ECM 5ec 24: SW/4 5ec 24: SW/4 5ec 24: SW/4 4N-12ECM 5ec 24: SW/4 5ec 24: SW/4 4N-12ECM 5ec 24: SW/4 4N-12ECM 5ec 24: SW/4 5ec 24: SW/4 5ec 36: SW/4 5ec 36: SW/4 5ec 36: NW/4 5ec 36: NW/4 5ec 36: NW/4 5ec 36: NW/4	AN-12ECM AN-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 AN-12ECM See 13: SW/4 AN-12ECM See 24: SW/4 AN-12ECM See 26: SE/4 See 26: SE/4 See 26: SE/4 See 26: SE/4 See 26: SF/4 See 26: SF/4 SEE SEE SEE SEE SEE SEE SEE SEE SEE SE
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	.942 233	.945 252	.945 255	946 252		.945 260																	
	12/16/1942	Y 10/29/1945	Y 12/20/1945	Y 1/8/1946		Y 10/29/1945																	
	CITIES SERVICE OIL COMPANY	CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY		CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OLL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OL COMPANY PANHANDLE EASTERN PIPE LINI CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY	CITES SERVICE GAS COMPANY CITES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OLI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI PANHANDLE EASTERN PIPE LINI PANHANDLE EASTERN PIPE LINI PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OL COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE GLAS COMPANY PANHANDLE EASTERN PIPE LINI CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE GLAS COMPANY COTTES SERVICE GLAS COMPANY COTTES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY PANHANDLE EASTERN PIPE LINE COMPANY COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE GLAS COMPANY CITIES SERVICE GLAS COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINI COMPANY PANHANDLE EASTERN PIPE LINI COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE CAS COMPANY	CITIES SERVICE GAS COMPANY CITIES SERVICE OIL COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY PANHANDLE EASTERN PIPE LINE COMPANY CITIES SERVICE GAS COMPANY CITIES SERVICE GAS COMPANY
	HEK HUSBAND FRANK F HALEY AND KATE M HALEY HIS WIEE	INA BANKS A WIDOW AND RUTH FRARY A SINGLE WOMAN	JOHN E LUTTRELL AND MARY DOROTHY LUTTRELL HUSBAND AND WIFE	MARIE FRARY- SINGLE	RAYMOND BANKS WIDOWER; ANITA	BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL	BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL RICHARD BANKS AND FRANCES BANKS HIS WIFE		100 million (100 m														
	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS																		
85419000	85390000	85415000	85416000	85418000	85420000		85421000	85421000 85389000	85421000 85389000 85425000	85421000 85389000 85425000 85422000	85421000 85389000 85425000 85422000 85427000	85421000 85389000 85425000 85422000 85422000 85422000 85422000	85421000 85389000 85425000 85425000 85427000 85427000 85142000 85155000	85421000 85389000 85425000 85425000 85427000 85427000 85427000 85423000 85423000	85421000 85425000 85425000 85425000 85427000 85427000 85427000 85423000 85424000 85424000	85421000 85425000 85425000 85425000 85422000 85422000 85422000 85424000 85424000 85423000 85424000 85423000	85421000 85425000 85425000 85425000 85425000 85425000 85423000 85132000 85424000 85424000 85423000 85424000 85428000	85421000 85425000 85425000 85425000 85427000 85423000 85125000 85125000 85123000 85424000 85428000 85428000 85428000	85.421000 85.425000 85.425000 85.427000 85.427000 85.427000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000	85.421000 85.425000 85.425000 85.425000 85.425000 85.422000 85.422000 85.426000 85.428000 85.428000 85.428000 85.428000 85.428000 85.428000	85.421000 85.425000 85.425000 85.42200 85.42200 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.429000 85.429000 85.429000 85.429000	85.421000 85.425000 85.425000 85.422000 85.427000 85.421000 85.421000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000 85.42000	85.421000 85.425000 85.425000 85.425000 85.425000 85.423000 85.423000 85.423000 85.423000 85.423000 85.429000 85.429000 85.429000 85.43000 85.43000 85.43000 85.43000 85.43000 85.43000 85.43000

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Footnote	28	28	28	28	28	28		28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
County	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS
Legal Description	4N-12ECM Sec. 36: SE/4	4N-12ECM Sec. 36: SW/4	4N-12ECM Sec. 36: SE/4	4N-12ECM Sec. 36: NE/4	4N-12ECM Sec 36: SE/4	4N-12ECM Sec. 36: SE/4	4N-12ECM SECTION 5: LOTS 1: 2: S/2 NE/4 AND SW/4 LIMITED TO THE WELLBORE ONLY OF THE BESSIE 5-1 WELL (API 3513923691)	4N-13ECM Sec. 1: SW/4	4N-136CM See. 1: Lots 1, 2, 3, 4: S7 N/2	4N-13ECM Sec. 11: NVV/4: S/2	4N-13ECM Sec. 11: NE/4	4N-13ECM Sec. 12: NE4	4N-13ECM Sec. 12: NE/4	4N-13ECM Sec. 12: NE(4	4N-13ECM Sec. 12: NE/4	4N-13ECM Sec. 12: NW/4	4N-13ECM Sec. 12: NE/4	4N-13ECM Soc. 12: NE4	4N-13ECM Sec. 12: NE/4	4N-136CM Sec. 12: NE4	4N-13ECM Sec. 12: NE/4	4N-13ECM 5 12: NE(A
Concatenate	4N12ECM36	4N12ECM36	4N12ECM36	4N12ECM36	4N12ECM36	4N12ECM36	4N12ECM5	4N13ECM1	4N13ECM1	4N13ECM11	4N13ECM11	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12	4N13ECM12
Section	36	36	36	36	36	36	'n	Ţ	Ţ	Ħ	ц	12	12	12	12	12	12	11	12	12	12	11
Range	12ECM	12ECM	12ECM	12ECM	12ECM	12ECM	12ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM
Township	4N	4N	4N	4N	4N	4N	4N	4N	4N	A4	4N	N4	N4	N4	4N	AN	4N	N4	4N	N4	N4	N4
Page	379	348	45	142	325	29	72	130	171	72	2	553	443	723	744	12	565	557	439	725	727	742
Book	251	233	257	251	237	257	244	252	260	231	217	958	961	961	963	231	958	958	961	961	961	965
Date	3/17/1943	3/4/1943	1/29/1947	9/18/1944	5/1/1951	1/21/1947	6/10/1943	11/12/1946	3/25/1946	6/2/1941	9/8/1938	11/1/1997	11/13/1997	11/13/1997	11/1/1997	6/2/1941	11/1/1997	11/1/1997	11/13/1997	11/15/1997	11/13/1997	2/11/1998
Original Lessee	PANHANDLE EASTERN PIPE LINE COMPANY	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	FRED C. KOCH	PANHANDLE EASTERN PIPE LINE COMPANY	J E WOOD	PANHANDLE EASTERN PIPE LINE CO	STANLEY MARSH JR	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	PANHANDLE EASTERN PIPE LINE CO	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION			
	_	LAWSON G GOODWIN AND MATILDA S GOODWIN HIS WIFE	HIS WIFE	TRUDIE J STRONG A SINGLE WOMAN		W C KITE AND MAUDE BANDEL KITE HIS WIFE	KANSAS LIFE INSURANCE CO	CITIES SERVICE OIL COMPANY	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE 3-25-1946 SALE	INTER-STATE CATTLE LOAN CO	INTER-STATE CATTLE LOAN COMPANY	C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	HITCH ENTERPRISES INC	HORTENSE BARRERE TRUSTEE OF THE HORTENSE BARRERE FAMILY TRUST	HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE	INTER-STATE CATTLE LOAN CO	JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	JERRY W RIZLEY AND MARGARET RIZLEY HIS WIFE	KARICK ASA PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO- TRUSTEES OF THE MARJORIE H PRICE TESTAMENTARY TRUST	LAMOYNE COX AND JOHN COX HER HUSBAND	MARGARET BRAWNER RIZLEY
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	85276000	85413000	85281000	85253000	85283000	85278000	95911000 59885000	33053000	33059000	33019000	33023000	N/A	N/A	N/A	N/A	33019000	N/A	N/A	N/A	N/A	N/A	N/A

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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	MARY DONNA LONG WILMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/19/1997	959	748	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	MAX D RIZLEY A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	441	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12: NE4	TEXAS	28
N/A	LEASE - OIL AND GAS	MELVIN R CAMP SR INDIVIDUALLY AND AS EXECUTOR OF THE ESTATE OF M ELAINE CAMP, DECEASED	ANADARKO PETROLEUM CORPORATION	11/10/197	965	181	4N	13ECM	n	4N13ECM12	4N-13ECM Sec. 12: NE4	TEXAS	28
N/A	LEASE - OIL AND GAS	ROBERT S RIZLEY A SINGLE MAN	ANADARKO PETROLEUM CORPORATION	1/16/1998	962	468	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	W K PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO-TRUSTEES OF THE MARUORIE H PRICE TESTAMENTARY TRUST	ANA	1/20/1998	967	171	4N	13ECM	ដ	4N13ECM12	4N-13ECM Sec. 12: NEM	TEXAS	28
3301800	LEASE - OIL AND GAS	5	PANHANDLE EASTERN PIPE LINE CO	6/2/1941	231	71	4N	13ECM	14	4N13ECM14	4N-13ECM Sec. 14: All	TEXAS	28
85147000	LEASE - OIL AND GAS	JAMES E SHAFFER AND MADDIE A SHAFFER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	233	196	4N	13ECM	18	4N13ECM18	4N-13ECM Sec. 18: W/2	TEXAS	28
85146000	LEASE - OIL AND GAS	R B SMITH AND IRENE G SMITH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	240	4	N4	13ECM	18	4N13ECM18	4N-13ECM Sec. 18: SE/4	TEXAS	28
85148000	LEASE - OIL AND GAS	ROGER Y SHAFFER AND MAYME SHAFFER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	240	2	4N	13ECM	18	4N13ECM18	4N-13ECM Sec. 18: NE/4	TEXAS	28
95853000	LEASE - OIL AND GAS	JAMES E. SHAFFER ET UX	HENRY W. WACKER	3/1/1944	232	543	4N	13ECM	19	4N13ECM19	4N-13ECM SECTION 19: NE/4 LIMITED TO RIGHTS BELOW THE BASE OF THE CHASE FORMATION	TEXAS	
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	66	4N	13ECM	19	4N13ECM19	4N-13ECM Sec. 19: E/2 W/2: Lots 1, 2, 3, 4	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	66	4N	13ECM	20	4N13ECM20	4N-13ECM Sec. 20: NW/4; S/2	TEXAS	28
85301000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6022	JE WOOD	3/25/1946	260	169	4N	13ECM	21	4N13ECM21	4N-13ECM Sec 21: NW/4	TEXAS	28
85107000	LEASE - OIL AND GAS	FRANCIS J GROVE AND OPAL GROVE HIS WIFE: EUGENE R GROVE AND LILLIE GROVE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	10/29/1974	231	246	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21: SW/4	TEXAS	28
85106000	LEASE - OIL AND GAS	WIFE		11/8/1941	231	248	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21: NE/4	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	66	4N	13ECM	21	4N13ECM21	4N-13ECM Sec 21: SE/4	TEXAS	28
33020000	LEASE - OIL AND GAS	CONTINENTAL ASSURANCE COMPANY, A CORPORATION		6/4/1941	210	136	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22: N/2	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	66	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22: SW/4	TEXAS	28
85746000	LEASE - OIL AND GAS	ROY P VAIL AND HELEN J VAIL CO- TRUSTEES OF THE VAIL-GLATTHAAR FAMILY TRUST DATED THE 28TH DAY OF JANUARY, 1994	ANADARKO PETROLEUM CORPORATION	11/10/1997	959	753	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22: N/2 SW/4; S/2 SW/4	TEXAS	28
33052000	LEASE - OIL AND GAS			11/9/1944	251	203	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23: NV/4	TEXAS	28
33038000	LEASE - OIL AND GAS		PANHANDLE EASTERN PIPE LINE COMPANY	9/19/1945	251	458	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23: SE/4	TEXAS	28
33021000	LEASE - OIL AND GAS	H W WACKER AND ELGIE WACKER HIS WIFE; GREAT SOUTHERN LIFE INSURANCE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1941	231	265	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23: NE/4	TEXAS	28

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Footnote	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	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	TEXAS	TEXAS	TEXAS	TEVAC
Legal Description	4N-13ECM Sec 23: SW/4	4N-13ECM Sec. 25: NW/4	4N-13ECM Sec. 25: E/2: SW/4	4N-13ECM Sec. 26: E/2	4N-13ECM Sec 27: N/2 S/2: NW/4	4N-13ECM Sec 30: All	4N-13ECM Sec. 34: SW/4	4N-13ECM Sec. 35: NE/4 NE/4	4N-13ECM Sec. 35: W/2 NE/4: SE/4 NE/4: NW/4	4N-13ECM Sec 35: SE/4	4N-13ECM Sec. 35: SW/4	4N-13ECM Sec 36: NE/4 NE/4	4N-13ECM Sec 36: NE/4 NE/4	4N-13ECM Sec. 36: NW/4: NW/4 NE/4: S/2: S/2 NE/4: NE/4	4N-13ECM Sec 36: NE/4 NE/4	4N-13ECM Sec 7: NE/4	4N-13ECM See 7: SE4	4N-13ECM Sec. 7: W/2	4N-14ECM Soc. 16: E/2 NE/4: S/2: W/2 NE/4	4N-14ECM Sec. 16: NW/4	4N-14ECM Sec. 17: NW/4	4N-14ECM Sec. 17: SW/4	4N-14ECM Sec. 17: 5E/4	4N-14ECM Sec. 17: NE/4	4N-14ECM Sec. 18: NE/4	4N-14ECM Sec. 18: S/2 SE/4: N/2 SE/4	4N-14ECM
Concatenate	4N13ECM23	4N13ECM25	4N13ECM25	4N13ECM26	4N13ECM27	4N13ECM30	4N13ECM34	4N13ECM35	4N13ECM35	4N13ECM35	4N13ECM35	4N13ECM36	4N13ECM36	4N13ECM36	4N13ECM36	4N13ECM7	4N13ECM7	4N13ECM7	4N14ECM16	4N14ECM16	4N14ECM17	4N14ECM17	4N14ECM17	4N14ECM17	4N14ECM18	4N14ECM18	AN1 AFCM18
Section	23	25	25	26	27	30	34	35	35	35	35	36	36	36	36	~	2	2	16	16	17	17	17	17	18	18	ä
Range	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	13ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14ECM	14FCM
Township	Å	4N	A4	4N	4N	4N	ÅN	4N	N4	N4	A4	4N	N4	N4	4N	4N	4N	4N	4N	AN	4N	N4	4N	4N	N4	4N	4N
Page	215	47	539	539	222	286	222	100	20	48	215	176	114	539	229	221	89	9	122	397	79	127	122	397	552	397	Ħ
Book	231	210	198	198	231	231	231	232	210	210	231	257	257	198	257	232	240	240	204	189	232	217	204	189	176	189	192
Date	7/17/1941	3/24/1941	3/28/1936	3/28/1936	17/17/1941	5/23/1942	17/17/1941	3/24/1942	1/25/1941	3/10/1941	7/17/1941	7/26/1948	4/30/1947	3/28/1936	4/14/1949	7/6/1943	12/11/1942	11/25/1942	9/19/1936	5/31/1933	2/16/1942	11/22/1939	9/19/1936	5/31/1933	10/10/1935	5/31/1933	11/6/1933
Original Lessee	PANHANDLE EASTERN PIPE LINE COMPANY	J W MCCOLL	EMPIRE OIL AND REFINING COMPANY	EMPIRE OIL AND REFINING COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	T B ROACH	H W LONG	J W MCCOLL	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	EMPIRE OIL AND REFINING COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	EMPIRE OIL AND REFINING COMPANY	EMPIRE OIL AND REFINING COMPANY	REPUBLIC NATURAL GAS COMPANY	REPUBLIC NATURAL GAS COMPANY	EMPIRE OIL AND REFINING COMPANY	EMPIRE OIL AND REFINING COMPANY	FCHALL	EMPIRE OIL AND REFINING COMPANY	EMPIRE OIL AND REFINING			
Original Lessor		MARTIN H KEENAN AND KATE KEENAN HIS WIFE	MARTIN KEENAN AND KATE KEENAN HIS WIFE	MARTIN KEENAN AND KATE KEENAN HIS WIFE	PAUL A SMITH AND RUTH SMITH HIS WIFE	ш	PAUL A SMITH AND RUTH SMITH HIS WIFE	EULA BURK A SINGLE WOMAN	L D MARR AND JULIA LEE MARR HIS WIFE	LOLA AND EDD GRIFFITH HER HUSBAND	WINFIELD A POWELL A SINGLE MAN; KENNETH POWELL AND GLADYS POWELL HIS WIFE	EVALEEN HENSON A WIDOW		S		GLENN BROCE AND EDITH M BROCE HIS WIFE		ROGER Y SHAFFER AND MAYME SHAFFER HUSBAND AND WIFE	INTER-STATE CATTLE LOAN COMPANY	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	INTER-STATE CATTLE LOAN COMPANY	INTER-STATE CATTLE LOAN COMPANY	INTER-STATE CATTLE LOAN COMPANY	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	INTER-STATE CATTLE LOAN COMPANY	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	THE SOUTHWESTERN LIVE STOCK AND
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	33016000	85189000	85181000	85181000	85123000	85143000	85123000	85188000	85187000	85210000	33016000	85204000	85184000	85181000	85186000	85158000	85151000	85149000	33037000	33036000	33049000	N/A	33037000	33036000	85177000	33036000	33034000

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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	п	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 OIL AND REFINING COMPANY	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 OIL AND REFINING COMPANY	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	393	4N	14ECM	32	4N14ECM32	4N-14ECM Soc 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	ъ	4N14ECM5	4N-14ECM Soc. 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: NW/4	TEXAS	28, 30
85167000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION BY THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS ITS AGENT AND ATTORNEY-IN-FACT	PANHANDLE EASTERN PIPE LINE COMPANY	7/9/1943	232	296	4V	14ECM	ى ب	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	11/1/1997	958	555	N4	14ECM	2	4N14ECM7	4N-146CM Soc 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HELEN EASTERWOOD BOUNDS A SINGLE WOMAN		10/21/1997	958	574	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE		1001/1/11	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	4N	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	N4	14ECM	7	4N14ECM7	4N-14ECM Sec 7: NW/4	TEXAS	28, 32
V/N	LEASE - OIL AND GAS	MARY DONNA LONG WILMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY		10/19/197	959	746	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 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	11	4N	14ECM	7	4N14ECM7	4N-14ECM Soc. 7: E/2 SE/4: W/2 SW/4	TEXAS	28
N/A	LEASE - OIL AND GAS	TWILA EASTERWOOD A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/27/1997	958	561	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NVV/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: NV/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		5/12/1933	180	542	AN	14ECM	ი	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	PANHANDI	4/9/1947	257	66	AN	14ECM	б	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 SEF	7/24/1943	244	188	N4	14ECM	თ	4N14ECM9	4N-146CM 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	4N	14ECM	൭	4N14ECM9	4N-14ECM Sec. 9: E/2 SW//4; W/2 NWY: 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	PANHANDLE EASTERN PIPE LINE COMPANY	7/18/1941	231	88	AN A	16ECM	11	4N16ECM11	4N-16ECM See 11: SZ NW/4: NW/4: NW/4	TEXAS	28

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33167000	LEASE - OIL AND GAS	GEORGE D LOWRY AND WIFE ROSA LOWRY	PEERLESS OIL AND GAS COMPANY	11/22/1942	210	207	4N	16ECM	Ħ	4N16ECM11	4N-16ECM Sec. 11: E/2 NE/4: SW/4: SW/4 NE/4	TEXAS	28
33168000	LEASE - OIL AND GAS	GOTTUEB WERNER, THE FORMER HUSBAND OF ELIZABETH WERNER DECEASED AND ANNA WERNER HIS WIFE ET AL	VIRGIL THURMAN	8/12/1939	215	586	N4	16ECM	н	4N16ECM11	4N-16ECM Sec. 11: NE'A NW/4, NW/4 NE'A	TEXAS	28
33132000	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	LEASE - OIL AND GAS	CLARICE SINGLETON NEVENS AND RALEIGH OWEN NEVENS HER HUSBAND ET AL	D D HARRINGTON	6/21/1947	257	124	N4	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SE/4	TEXAS	28
33133001	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	LEASE - OIL AND GAS	JOSEPHINE LONG A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	8/10/1944	251	36	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: NE/4	TEXAS	28
33135000	LEASE - OIL AND GAS	KENNETH E LOWTHER ADMINISTRATOR OF THE ESTATE OF NELLIE B LOWTHER DECEASED: KENNETH E LOWTHER INDIVIDUALLY AND BARBARA HICKS INDIVIDUALLY AND BARBARA HICKS	SKELLY OIL COMPANY	9/16/1944	255	351	N4	16ECM	20	4N1GECM20	4N-16ECM Sec. 20: NW/4	TEXAS	28
33136000	LEASE - OIL AND GAS	WILLIAM BRUNE AND PAULINE BRUNE HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1944	232	625	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SW/4	TEXAS	28
33178000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE EI 861	STANOLIND OIL AND GAS COMPANY	4/7/1944	243	618	N4	17ECM	15	4N17ECM15	4N-17ECM Sec. 15: NE/4; NW/4; SE/4	TEXAS	28
33177000	LEASE - OIL AND GAS	HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	2/3/1943	240	28	4N	17ECM	15	4N17ECM15	4N-17ECM Sec. 15: SW/4	TEXAS	
33177000	LEASE - OIL AND GAS	HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	2/3/1943	240	28	4N	17ECM	16	4N17ECM16	4N-17ECM Sec. 16: NE/4	TEXAS	28
33120000	LEASE - OIL AND GAS	C A MOORE A SINGLE MAN AKA CARL A MOORE	PEERLESS OIL AND GAS COMPANY	12/31/1942	210	200	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: NE/4	TEXAS	28
33126000	LEASE - OIL AND GAS	HARVEY E FRINFROCK AND ERNA A FINFROCK HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/6/1941	231	77	4N	17ECM	18	4N17ECM18	4N-17ECM Sec 18: SW/4; W/2 NW/4	TEXAS	28
33125000	LEASE - OIL AND GAS	SIDNEY F DAFFORN AND BERNICE M DAFFORN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	B/22/1944	251	57	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: SE/4	TEXAS	28
33127000	LEASE - OIL AND GAS	WHEELER A GUSTIN A SINGLE MAN	D D HARRINGTON	9/5/1946	251	618	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: E/2 NVV/4	TEXAS	28
31807000	LEASE - OIL AND GAS	CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT	ANADARKO PRODUCTION COMPANY	4/28/1980	534	432	N4	21ECM	1	4N21ECM1	4N-21ECM Sec 1: Lots 3 & 4:S/2 NW/4	BEAVER	m
31850002	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22356	ANADARKO PETROLEUM CORPORATION	6661/11/1	1025	72	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NE/4	BEAVER	m
31850003	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22357	ANADARKO PETROLEUM CORPORATION	1/11/1999	1025	68	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NW/4	BEAVER	ε
32246021	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	508	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	m
32246015	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	504	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SV//4	BEAVER	m
32246003	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	500	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NW/4: S/2 NW/4	BEAVER	З
32246009	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	496	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	m

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32246025 LE/	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	271	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	в
32246020 LE/	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	267	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SW/4	BEAVER	m
32246013 LE/	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	263	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	m
32246006 LE/	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	£
32246007 LE/	LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-29314	ANADARKO PETROLEUM CORP	2/16/1999	1021	450	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NV/4; S/2 NE/4; S/2 NW/4; SE/4; SW/4	BEAVER	m
32155000 LE/	LEASE - OIL AND GAS	PAUL G EDIGER AND WIFE SARAH EDIGER AKA SARA EDIGER	T S DUDLEY LAND COMPANY INC	8/5/1997	994	759	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NE/4	BEAVER	m
31850001 LE/	LEASE - OIL AND GAS	SARAH EDIGER AKA SARA EDIGER AND HUSBAND PAUL G EDIGER	T S DUDLEY LAND COMPANY INC	8/5/1997	994	762	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NW/4: NE/4	BEAVER	n
32246016 LE/	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	480	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SVV/4	BEAVER	m
32246022 LE/	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	492	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	m
32246004 LE/	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	488	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NVV/4 NVV/4: S/2 NVV/4	BEAVER	З
32246010 LE/	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	484	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	m
32246017 LE/	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	476	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SW/4	BEAVER	£
32246011 LE/	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	в
32246023 LE/	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	ю
32246001 LE/	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	ß
32246014 LE/	LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	144	4N	21ECM	10	4N21ECM10	4N-ZIECM Sec. 10: SVV/4	BEAVER	в
32246019 LEA	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	в
32246008 LE/	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: S/2 NE/4	BEAVER	m
32246002 LE/	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	в
32246018 LE/	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	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SW/4	BEAVER	ю
32246012 LE/	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	N4	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	e
32246024 LE/	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	N4	21ECM	10	4N21ECM10	4N-21ECM Sec 10: SE/4	BEAVER	ε
32246005 LEA	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	n
32206000 LE	LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE W.C-29331	T S DUDLEY LAND COMPANY INC	2/1/2001	1064	124	4N	ZIECM	16	4N21ECM16	4N-21ECM Sec. 16: ALL	BEAVER	e
31774000 LE/	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 Soc. 2: E/2 SW: SE/4	BEAVER	3,5
31845002 LE/	LEASE - OIL AND GAS	H S BLAKEMORE AND T JERRY	SHENANDOAH OIL CORPORATION	10/1/1976	455	317	4N	21ECM	2	4N21ECM2	4N-21ECM	BEAVER	3, 5

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4N-21ECM Sec 2: W/2 SW/4
4N-21ECM Sec. 2: Lots 1 & 2: S/2 NE/4
4N-21ECM Sec. 2: W/2 SW/4
4N-21ECM Sec. 2: Lots 3 & 4; NW/4; S/2 NW/4
4N-21ECM Sec 2: W/2 SW/4
4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4
4N-21ECM Sec 20: E/2 NE/4; NE/4 SE/4
4N-21ECM Sec 20: E/2 NE/4: NE/4 SE/4
4N-ZIECM Sec 20: W/Z NE/4
4N-21ECM Sec. 20: N/2 NW/4; S/2 NW/4
4N-21ECM Sec. 20: SW/4
4N-21ECM Sec. 20: S/2 SE/4
4N-21ECM Sec 20: EZ NE/4 SE/4
4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4
4N-21ECM Sec. 20: NVV/4 SE/4
4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4
4N-21ECM Sec. 20: NE/4 SE/4; E/2 NE/4
4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4
4N-21ECM Sec. 20: N/2 NW/4; W/2 NE/4
4N-21ECM Sec. 20: NW/4 SE/4

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Footnote	m	m	3, 11	m	3 Force Pooling Order No. 233772	3,8	m	m	3 Force Pooling Order No. 233772	m	m	в	m	m'	m	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	4N-21ECM Sec 20: E/2 NE/4; NE/4 SE/4	4N-21ECM Sec. 21: NE/4	4N-21ECM Sec. 25: SE/4	4N-21ECM 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 Sec. 28: SW/4; SW/4 NW/4; E/2 NV//4; NE/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Sec 28: NW/4 NW/4	4N-21ECM Soc. 2B: NW/4 NW/4	4N-21ECM Soc. 28: NW/4 NW/4	4N-21ECM Sec. 28: SW/4; SW/4 NW/4; EZ NW/4; NE/4	4N-21ECM Sec 28: NW/4 NW/4	4N-21ECM Sec. 28: 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	4N21ECM28	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	N4	4N	4N	N4	4V	4N	4N	4N	4N	4N	4N	N4	4N	N4
Page	254	11	26	604	N/A	N/A	409	236	615	653	ю	141	410	666	143	NA	N/A	N/A
Book	650	1014	546	588	N/A	N/A	584	592	608	608	594	592	591	584	592	N/A	N/A	N/A
Date	5/21/1984	9/2/1998	12/9/1980	6/21/1982	2/23/1983	2/23/1983	4/15/1982	7/27/1982	2/14/1983	2/8/1983	8/11/1982	7/26/1982	7/27/1982	4/18/1982	7/27/1982	2/23/1983	2/23/1983	2/23/1983
Original Lessee	ANADARKO PRODUCTION COMPANY	T S DUDLEY LAND COMPANY INC	MCFARLAND EXPLORATION COMPANY	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC
Original Lessor	WILLIAM B POWERS AND JEANNETTE POWERS AKA JEANNE L POWERS HIS WIFE (WILLIAM B POWERS SOLE HEIR OF EUGENE S POWERS DECEASED)		ESTHER L HANSHU	ALBERT HERBEL AND WIFE HELEN HERBEL	SWLING	ANN BOWLING	ARVEL JONES AND MARTHA JONES HIS WIFE	BERNICE M ANDERSON A SINGLE PERSON AND HEIR TO WALTER M ANDERSON DECEASED	BERTHA V BARR A WIDOW	DELLA E BARR A WIDOW	DELLA JEAN HILBURN AND JERRY HILBURN HER HUSBAND	DR RALPH H FLESHER AND BEVERLY H FISHER HUSBAND AND WIFE	EARL LANDERSEN A MARRIED PERSON ACTING INDIVIDUALLY AND HEIR OF WALTER M ANDERSON DECEASED	ELIZABETH L BURDGE AND GEORGE BURDGE HER HUSBAND	ELVA FAYE CLARK A SINGLE PERSON AND HEIR TO WALTER M ANDERSON DECEASED	FIDEUTY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT
Agreement Type	S	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	FORCE POOLED INTEREST	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST
Agreement #	31986002	32165032	31820000	33283015	33283035	33283035	33283004	33283029	33283032	33283033	33283031	33283016	33283030	33283012	33283028	33283024	33283024	33283024

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Footnote	3 Force Pooling Order No. 233772	3,8	в	3, 8	3,8	ю	m	З	З	Ð	e	3, 8	3 Force Pooling Order No. 233772	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	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	BEAVER	BEAVER
Legal Description	4N-21ECM Sec. 28: NE4	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: NE/4	4N-21ECM Sec. 28: NE/4: E/2 NW/4: SW/4; SW/4 NW/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; SVV/4; E/2 NVV/4; SVV/4 NVV/4	4N-21ECM Sec 28: NE/4; SVV/4; E/2 NVV/4; SVV/4 NVV/4	4N-21ECM Sec 28: SW/4; SW/4 NW/4; E2 NW/4; NE/4	4N-21ECM Sec. 28: NE/4; E/2 NVV/4; SVV/4; SVV/4 NVV/4	4N-21ECM Sec. 28: SW/4 NW/4	4N-21ECM Sec 28: SW/4	4N-21ECM Sec. 28: SW/4 NW/4	4N-21ECM Sec. 28: SW/4	4N-21ECM Sec 28: EZ NW/4	4N-21ECM Sec 28: E/2 NW/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Soc 78: NE/A
Concatenate	4N21ECM28	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	28
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	N4	4N	N4	AN	4N	4N	4N	N4	4N	4N	4N	4N	N4	N 4	4N	N4	4N	N4	4N
Page	N/A	N/A	N/A	N/A	N/A	391	239	66	16	798	651	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Book	N/A	N/A	N/A	N/A	N/A	584	603	533	533	583	608	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Date	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	4/15/1982	11/19/1982	3/12/1980	3/12/1980	4/16/1982	1/12/1983	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	FUNK EXPLORATION	JAMES H HUTCHISON	JAMES H HUTCHISON	FUNK EXPLORATION	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC				
Original Lessor	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FRANK OGDEN AND GLORIA OGDEN HIS WIFE	GERTRUDE B BROWN A WIDOW	HOME-STAKE OIL & GAS COMPANY	HOME-STAKE ROYALTY CORP	HUBERT K ELROD AND HELEN ELROD HIS WIFE	JANET DAVIS DEALING IN HER SOLE AND SEPARATE PROPERTY	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW	JEAN HINSHAW
Agreement Type	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	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 #		33283024	33283024	33283024	33283024	33283006	33283001	33283010	33283009	33283014	33283007	33283026	33283026	33283026	33283026	33283026	33283026	33283026	33283026

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
33283037	FORCE POOLED INTEREST	JOE MARK MYERS	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec 28: NW/4 NW/4	BEAVER	3 Force Pooling Order No. 233772
33283037	FORCE POOLED INTEREST		FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3,8
33283005	LEASE - OIL AND GAS	JOHN BOARD AND MERLENE BOARD HIS WIFE	FUNK EXPLORATION	4/15/1982	583	800	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4; SV/4; NV/4; E/2 NW/4	BEAVER	ю
33283017	LEASE - OIL AND GAS	JOY GILL AKA JOYCE GILL A WIDOW LIFE TENANT	FUNK EXPLORATION	7/22/1982	592	361	4N	21ECM	28	4N21ECM28	4N-21ECM Soc. 28: SW/4; SW/4 NW/4; EZ NW/4; NE/4	BEAVER	e
3328034	FORCE POOLED INTEREST	KAYE SIPE ET AL	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3 Force Pooling Order No. 233772
3328034	FORCE POOLED INTEREST	KAYE SIPE ET AL	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NVV/4 NVV/4	BEAVER	а,в
33283011	LEASE - OIL AND GAS	KERSHAW PROPERTIES A CO- PARTNERSHIP	JAMES H HUTCHISON	3/12/1980	533	68	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	BEAVER	m
33283003	LEASE - OIL AND GAS	L BARR BROWN AKA LLOYD B BROWN A MARRIED MAN ACTING INDIVIDUALLY	FUNK EXPLORATION	11/19/1982	603	241	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: EZ NW/4; NE/4; NW/4 NV//4; SW/4; SW/4 NV//4	BEAVER	e
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3,8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	AN	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3 Force Pooling Order No. 233772
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4	BEAVER	3 Force Pooling Order No. 233772
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Soc 28: SW/4	BEAVER	3,8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	Z¥	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4 NW/4	BEAVER	3 Force Pooling Order No. 233772
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3,8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	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
33283022	FORCE POOLED INTEREST	- LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec 28: E/2 NW/4	BEAVER	3 Force Pooling Order No. 233772
33283025	FORCE POOLED INTEREST	- LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM2B	4N-21ECM Sec. 28: SW/4	BEAVER	3,8

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Footnote	3 Force Pooling Order No. 233772	3,8	3 Force Pooling Order No. 233772	3.8	3,8	3 Force Pooling Order No. 233772	3 Force Pooling Order No. 233772	m	в	m	3 Force Pooling Order No. 233772	3,8	m	m	e	е	3,8	3 Force Pooling Order No. 233772
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	4N-21ECM Soc 28: EZ NW/4	4N-21ECM Soc 28: E/2 NW/4	4N-21ECM Sec 28: SW/4 NW/4	4N-21ECM Sec 28: SW/4 NW/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec. 28: NE/4	4N-21ECM Sec 28: SW/4	4N-21ECM Sec. 28: E/2 NW/4: NE/4: NW/4: NW/4: SW/4: SW/4	4N-21ECM Sec. 28: SW/4: SW/4 NW/4: EZ NW/4: NE/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Sec.28: NW/4 NW/4	4N-21ECM Sec. 28: NW/4 NW/4	4N-21ECM Sec. 28: 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: SVV/4: NV/4	4N-21ECM Sec. 28: NE/4; SW/4 NW/4; E/2 NW/4; SW/4	4N-21ECM Sec 28: E/2 NVV/4	4N-21ECM Sec 28: E2 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	4N	4N	4N	A4	4N	4N	4N	N4	4N	4N	4N	4N	4N	4N	4N	N N
Page	N/A	N/A	N/A	N/A	N/A	N/A	N/A	214	615	412	N/A	N/A	138	98	685	501	N/A	N/A
Book	N/A	N/A	N/A	N/A	N/A	N/A	N/A	604	594	591	N/A	N/A	585	533	584	607	N/A	N/A
Date	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	2/23/1983	11/19/1982	6/24/1982	7/27/1982	2/23/1983	2/23/1983	5/18/1982	3/21/1980	5/18/1982	1/12/1983	2/23/1983	2/23/1983
Original Lessee	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION INC	FUNK EXPLORATION	JAMES H HUTCHISON	FUNK EXPLORATION	FUNK EXPLORATION	FUNK EXPLORATION INC	FUNK EXPLORATION INC
Original Lessor	LEROY ESTERAK	LEROY ESTERAK	LEROY ESTERAK	LEROY ESTERAK	LEROY ESTERAK	LEROY ESTERAK	LEROY ESTERAK	LOVA JO BARNES A SINGLE WOMAN	MARTINA C SCHMITT MARRIED WOMAN ACTING INDIVIDUALLY	MILDRED O HILL A SINGLE PERSON AND HEIR OF WALTER M ANDERSON DECEASED	NEILL MYERS	NEILL MYERS	P A LYON JR AND BUENA V LYON HIS WIFE	PYRCIE P MEYERS AND HUSBAND FLOYD H MYERS	R P FULLER AND ELAINE FULLER HIS WIFE	ROBERT C DAVIS DEALING IN HIS SOLE AND SEPARATE PROPERTY	SANDRA CLUFF	SANDRA CLUFF
Agreement Type	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	FORCE POOLED INTEREST	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	FORCE POOLED INTEREST	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	FORCE POOLED INTEREST
Agreement #	33283025	33283025	33283025	33283025	33283025	33283025	33283025	33283002	33283013	33283027	33283036	33283036	33283020	29285000	33283019	33283018	33283021	33283021

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Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	- SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3,8
FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4	BEAVER	3,8
FORCE POOLED INTEREST	r SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM See 28: SW/4 NW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4 NW/4	BEAVER	3,8
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	з,в
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	з, в
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	N4	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4	BEAVER	3,8
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	A4	21ECM	28	4N21ECM28	4N-21ECM Sec 28: SW/4 NW/4	BEAVER	3 Force Pooling Order No. 233772
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3,8
FORCE POOLED INTEREST	THE FLUOR CORPORATION	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec 28: EZ NW/4	BEAVER	3 Force Pooling Order No. 233772
LEASE - OIL AND GAS	VEDA HOLLMAN A WIDOW LIFE TENANT	FUNK EXPLORATION	4/22/1982	586	340	N4	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4: SW/4 NW/4: E2 NW/4: NE/4	BEAVER	ю
LEASE - OIL AND GAS	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	DALE K LAWYER	4/1/1978	492	16	4N	21ECM	æ	4N21ECM3	4N-21ECM Sec. 3: Let 4: W/2 SW/4: SW/4 NW/4	BEAVER	m
LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14721	FUNK PETROLEUM	6/13/1978	509	172	N4	21ECM	m	4N21ECM3	4N-21ECM Sec 3: Lot 3: SE/4 NW/4	BEAVER	ო

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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	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14722	FUNK PETROLEUM	6/13/1978	509	174	4N	21ECM	m	4N21ECM3	4N-21ECM Sec. 3: E/2 SW/4; W/2 SE/4	BEAVER	m
LEASE - OIL AND GAS	H S BLAKEMORE AND T JERRY BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	321	A4	21ECM	ю	4N21ECM3	4N-21ECM Soc. 3: Lots 1 & 2; E/2 SE/4; S/2 NE/4	BEAVER	e
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	353	N4	21ECM	m	4N21ECM3	4N-21ECM Sec 3: Lots 1 & 2: E/2 SEM; S/2 NE/4	BEAVER	m
LEASE - OIL AND GAS	MILTON H BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	305	A4	21ECM	m	4N21ECM3	4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4	BEAVER	m
LEASE - OIL AND GAS	-	ANADARKO PRODUCTION COMPANY	4/18/1980	533	549	A4	21ECM	e	4N21ECM3	4N-21ECM Soc. 3: W/2 SE/4: Lot 3: E/2 SW/4: SE/4 NW/4	BEAVER	m
LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/1/1976	455	337	4N	21ECM	ε	4N21ECM3	4N-21ECM Soc. 3: Lots 1 & 2: E/2 SE/4: S/2 NE/4	BEAVER	ю
LEASE - OIL AND GAS	BETTY JO ANDERSON A SINGLE PERSON	ANADARKO PRODUCTION COMPANY	2/12/1982	577	497	N4	21ECM	. 9E	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3, 11
LEASE - OIL AND GAS	BETTY JO ANDERSON A SINGLE PERSON	ANADARKO PRODUCTION COMPANY	2/12/1982	577	494	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SE/4	BEAVER	3.11
LEASE - OIL AND GAS		JAMES H HUTCHISON	0867/2/2	538	48	Z 4	ZIECM	36	4N2IECM36	4N-ZIECM Sec. 36: SW/4	BEAVER	3, 11
LEASE - OIL AND GAS	BOBBIE R PHELPS AND CAMILLA PHELPS HUSBAND AND WIFE	BEREN CORPORATION	7/17/1980	537	263	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3, 11
LEASE - OIL AND GAS	CECILF RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY; CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	291	4N	21ECM	36	4N21ECM36	4N-21ECM Soc. 38: NE/4	BEAVER	3, 11
LEASE - OIL AND GAS	CECIL F RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY: CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	289	4 N	21ECM	36	4N21ECM36	4N-21ECM Sec 36: SW/4	BEAVER	3, 11
LEASE - OIL AND GAS	ERNESTINE L MYERS A WIDOW	ANADARKO PRODUCTION COMPANY	5/23/1980	535	582	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: NVV/4	BEAVER	3, 11
TERM MINERAL DEED	ESTELLE BEIER	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21ECM	36	4N21ECM36	4N-21ECM SECTION 36: NE/4, E/2 SW/4	BEAVER	3.11
TERM MINERAL DEED	JOAN GUMERMAN	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21ECM	36	4N21ECM36	4N-21ECM SECTION 36: NE/4, E/2 SW/4	BEAVER	3, 11
TERM MINERAL DEED	D LORRAINE FRANCK	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21ECM	36	4N21ECM36	4N-21ECM SECTION 36: NE/4, E/2 SW/4	BEAVER	3, 11
LEASE - OIL AND GAS	LUCY E STAFFORD A MARRIED WOMAN 5 DEALING IN HER SOLE & SEPARATE PROPERTY	ANADARKO PRODUCTION COMPANY	2/22/1982	580	287	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3, 11
LEASE - OIL AND GAS			2/22/1982	580	293	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: NE/4	BEAVER	3, 11
LEASE - OIL AND GAS			2/12/1982	576	487	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SV//4	BEAVER	3, 11
LEASE - OIL AND GAS	S MARY H REYNOLDS AND BILL REYNOLDS HER HUSBAND	ANADA	2/12/1982	576	484	4N	21ECM	36	4N21ECM36	4N-21ECM Sec. 36: SE/4	BEAVER	3, 11

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Footnote	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	3, 11	m	£	m	m	m	m	m	m	£	m	ß	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	BEAVER	BEAVER	REAVER
Legal Description	4N-21ECM Sec 36: SW/4	4N-21ECM Sec. 36: SW/4	4N-21ECM Sec. 36: SE/4	4N-21ECM Sec 36: SVV/4	4N-21ECM Sec. 36: NE/4	4N-21ECM Sec. 36: SW/4	4N-21ECM Sec. 36: NE/4	4N-21ECM Sec 36: SW/4	4N-21ECM Sec 36: SW/4	4N-21ECM Sec 36: SVV/4	4N-21ECM Sec 36: SVV/4	4N-21ECM SECTION 4: NE/4	4N-21ECM SECTION 4: NE/4	4N-21ECM SECTION 4: NE/4	4N-21ECM Soc. 5: SE/4	4N-21ECM Sec. 5: SE/4	4N-21ECM Sec. 5: Lots 1 & 2: S/2 NE/4	4N-21ECM Sec. 5: Lot 3 & 4: S/2 NW/4	4N-21ECM Sec. 5: SW/4	4N-21ECM Soc. 5: Lots 3 & 4; S/2 NW/4	4N-21ECM Sec. 5: Lots 1 & 2: S/2 NE/4	4N-21ECM Sec. 5: SVV/4	4N-21ECM Sec 7: Lot 4: SE/4 SW/4	4N-21ECM Sec 7: Lots 1, 2 & 3: E/2 NW/4: N/2 SE/4; NE/4; NE/4 SW/4; S/2 SE/A	4N-215CM Sec 7: Lots 1, 2 & 3: E/2 NW/4: N/2 SE/4: NE/4: NE/4 SW/4: S/2 SE/4	4N-21ECM Sec. 8: S/2 NVV/4: N/2 NVV/4	4N-21ECM
Concatenate	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM36	4N21ECM4	4N21ECM4	4N21ECM4	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM5	4N21ECM7	4N21ECM7	4N21ECM7	4N21ECM8	BUCH
Section	36	36	36	36	36	36	36	36	36	36	36	4	4	4	'n	S	'n	S	'n	ъ	ß	'n	2	~	2	8	a
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	21ECM	21ECM	1 CON
Township	4N	A4	A4	4N	4N	A4	N4	N4	4N	A4	N4	AN N	A4	N4	A4	A4	A4	4N	A4	A4	4N	4N	4N	N4	N4	ÅN	
Page	389	744	741	299	301	493	496	480	482	61	201	135	565	157	226	495	715	90	86	94	711	102	435	443	439	208	a a a
Book	584	576	576	580	580	576	576	576	576	585	595	572	563	560	655	653	586	573	573	573	586	573	1094	1094	1094	1009	1001
Date	5/7/1982	2/17/1982	2/17/1982	2/12/1982	2/12/1982	2/11/1982	2/11/1982	2/12/1982	2/13/1982	5/7/1982	6/24/1982	8/13/1981	8/13/1981	7/13/1981	3/13/1984	3/13/1984	9/23/1981	9/23/1981	9/23/1981	9/23/1981	9/23/1981	9/23/1981	12/18/2002	12/18/2002	12/18/2002	3/12/1998	0001/040
Original Lessee	FUNK EXPLORATION	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	FUNK EXPLORATION	FUNK EXPLORATION	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	R D DAVIS & ASSOCIATES INC	R D DAVIS & ASSOCIATES INC	R D DAVIS & ASSOCIATES INC	T S DUDLEY LAND COMPANY INC	
Original Lessor	MILDRED W LEWIS TRUSTEE FOR MILDRED W LEWIS TRUST	OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND	OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND	RAYMOND L SMITH AKAA RAY SMITH AND LOUISE SMITH HIS WIFE	RAYMOND L SMITH AVK/A RAY SMITH AND LOUISE SMITH HIS WIFE	RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND	RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND	RONALD J KAUP A SINGLE MAN	VIRGINIA DAVIS WHITAKER AND HAL R WHITAKER HER HUSBAND	WALTER J WILLIAMS & MILDRED M WILLIAMS HIS WIFE	WYATT H WILLIAMS JR TRUSTEE OF TRUST #1615	DOYLE DOLLARHIDE ET UX	MORRIS ATKINSON ET AL	STEVE FRANZ ET UX	2	RETTA E EHLERS AND HENRY EHLERS HER HUSBAND	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ROY E SMITH AND MARGARET E SMITH HIS WIFE	THOMAS E SMITH A SINGLE MAN	THOMAS E SMITH A SINGLE MAN	THOMAS E SMITH A SINGLE MAN	SIMCOLC	THOMAS E SMITH REVOCABLE TRUST THOMAS E SMITH TRUSTEE	X DIAMOND X LC	ERNEST EDIGER AND MARGARET E EDIGER HUSBAND AND WIFE	Щ
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	CORRECTED LEASE - OIL AND GAS	LEASE - OIL AND GAS	CORRECTED LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	
Agreement #	31946011	31946005	31961002	31946006	31942002	31946001	31942001	31946004	31946003	31946012	31946010	31853003	31853002	31853001	31984002	31984001	31876001	31878001	31880001	31878002	31876002	31880002	33256000	33251001	33254002	32156008	

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Footnote	Э	m	m	m	m	m	m	m	m	m	m	ß	m	3, 11	3, 11	3, 11	3, 11	11, 13	3, 11	3, 11	3, 11, and further limited to rights obtained under Force Pooling Order #229816.
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	4N-21ECM Sec. 8: S/2 NW/4; SW/4	4N-21ECM Sec. 8: N/2 NW/4; S/2 NW/4	4N-21ECM Sec. 8: NE/4	4N-21ECM Sec. 8: SE/A	4N-21ECM Sec 8: 5/2 NW/4; N/2 NW/4	4N-21ECM Sec. 8: N/2 NV//4; NE/4; S/2 NV//4; SE/4; SVV/4	4N-21ECM Sec 9: All	4N-21ECM Sec 9: All	4N-21ECM Sec 9: All	4N-21ECM Sec 9: All	4N-21ECM Sec. 9: All	4N-22ECM Sec 15: SW/4 LIMITED TO THE WELL BORE OF THE JOYCE 1-15 WELL	4N-22ECM Sec. 15: SE/4	4N-22ECM Sec. 30: Lots 3 & 4; NE/4 SW/4; S/2 SE/4 & SE/4 SW/4	4N-22ECM Sec. 31: NE/4	4N-22ECM Sec 31: Lots 3 & 4: E/2 SW/4	4N-22ECM Sec 31: Lot 1 & Lot 2: E/2 NW/4	4N-22ECM Sec. 31: NE/4	4N-22ECM Sec. 31: NE/4	4N-22ECM Sec. 31: Lots 1 & 2: E/2 NV//4	4N-22ECM Sec 31: Lot 1 & Lot 2; EZ NW/4
Concatenate	4N21ECM8	4N21ECMB	4N21ECM8	4N21ECM8	4N21ECM8	4N21ECM8	4N21ECM9	4N21ECM9	4N21ECM9	4N21ECM9	4N21ECM9	4N22ECM15	4N22ECM15	4N22ECM30	4N22ECM31	4N22ECM31	4N22ECM31	4N22ECM31	4N22ECM31	4N22ECM31	4N22ECM31
Section	8	80	œ	8	æ	ø	6	σ	б	σ	6	15	15	30	31	31	31	31	зт	31	31
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM	22ECM
Township	4N	4N	N4	V4	N4	4N	4N	N4	4N	AN	4N	N4	4N	4N	4N	4N	4N	4N	AN A	4N	N4
Page	741	756	746	687	505	751	417	473	373	389	445	191	632	474	130	435	504	295	570	624	618
Book	994	994	994	366	1005	994	455	455	457	455	455	32	222	576	535	594	689	580	598	591	662
Date	8/23/1997	8/15/1997	9/19/1997	9/19/1997	3/12/1998	9/19/1997	10/1/1976	10/1/1976	10/26/1976	10/1/1976	10/1/1976	4/16/1951	3/24/1961	2/11/1982	5/19/1980	7/20/1982	11/28/1982	3/23/1982	9/24/1982	6/10/1982	12/16/1982
Original Lessee	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	T S DUDLEY LAND COMPANY INC	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	PANHANDLE EASTERN PIPELINE COMPANY	PHILLIPS PETROLEUM COMPANY A CORPORATION	ANADARKO PRODUCTION COMPANY	D A BASH & ASSOCIATES INC	FUNK EXPLORATION	FUNK EXPLORATION INC	ANADARKO PRODUCTION COMPANY	FUNK EXPLORATION INC	FUNK EXPLORATION	ר כ ה מגוררואפ ואכ
Original Lessor	JOHN T SMITH LIVING TRUST DATED 9-1- 93, JOHN T SMITH TRUSTEE	MENNO EDIGER	NANCY S ALLEN INDIVIDUALLY AND AS TRUSTEE OF THE RAY E ALLEN TRUST DATED 3-17-93	ROY E SMITH LIVING TRUST, JOHN T SMITH & NANCY S ALLEN CO-TRUSTEES	SELMA REUSSER AKA SELMA EDIGER REUSSER AND GAIL REUSSER HER HUSBAND	UST,		BETTY JANE EINE YEAGER ELLIS S/P/A MGER			THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	CLYDE L KILE AND RUTH M KILE, HIS WIFE	D H WALTON AND HIS WIFE MORETA J WALTON	WAYNE M WILSON AND PAT WILSON HIS WIFE	AMERICAN NATIONAL BANK OF AMARILLO	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS- 17167	DORIS A WALSH	ELLEN FLY AND CLARENCE FLY HER HUSBAND	ELLEN FLY GUARDIAN OF THE ESTATE OF GRACE ALLENE WILSON AN INCOMPETENT	ERNEST L LIPPERT JR A SINGLE MAN	FARMERS UNITED COOPERATIVE POOL
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	CORRECTED LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	32156004	32156001	32156002	32156005	32156007	32156003	31871002	31871003	31871001	31871005	31871004	31736000	31747000	31964000	31965008	32082001	31975006	31965002	31965005	31975003	31975008

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	3, 11 and further limited to rights BEAVER obtained under		BEAVER	BEAVER	BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER BEAVER	BEAVER BE	BEAVER BEAVER
	41-22ECM Sec. 31: Lot 1 & Lot 2: E/2 NW/4		4N-22ECM Sec. 31: Lots 1 & 2: E/2 NW/4	4N-22ECM Sec 31: Lot: 1 & 2: E2 NW/4 4N-22ECM Sec 31: Lot: 1 & 2: E2 NW/4	4N-22ECM tots 1 & 2: E2 NW/4 tots 1 & 2: E2 NW/4 4N-22ECM scc 31: NE/4	4N-22ECM Sec 31: Lot 1 & 2: E/2 NW/4 Sec 31: Lot 1 & 2: E/2 NW/4 Sec 31: Lot 1 & 2: E/2 NW/4 AN-22ECM Sec 31: Lot 1 & 2: E/2 NW/4 Sec 31: Lot 1 & 2: E/2 NW/4	4N-22ECM Sec 31: Lot 1 & 2: E2 NW/4 Sec 31: Lot 1 & 2: E2 NW/4 4N-22ECM Sec 31: Lot 1 & 2: E2 NW/4 Sec 31: Lot 1 & 2: E7 NW/4 Sec 31: Lot 3 & 4: E2 SV/4	Sec 31: Lote 1 & 2: E/2 NW/4 Sec 31: Lote 1 & 2: E/2 NW/4 Sec 31: Lote 1 & 2: E/2 NW/4 An-22ECM Sec 31: Lote 1 & 2: E/2 NW/4 Sec 31: Lote 1 & 2: E/2 NW/4 Sec 31: Lote 3 & 4: E/2 SW/4 Sec 31: Lote 3 & 4: E/2 SW/4 Sec 31: Lote 1 & 2: Z/2 NW/4	44-22ECM 4N-22ECM 4N-22ECM 1 Lots 1 & 2: E2 NW/4 4N-22ECM 5cc 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5cc 31: NE/4 5cc 31: NE/4	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5cc 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5cc 31: NE/4 5cc 31: NE/4 5cc 31: NE/4	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 50c 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 50c 31: NE/4 4N-22ECM 4N-20CM 4N-22ECM 4N-22ECM 4N-20CM 4N-22ECM 4N-20CM 4N-22ECM 4N-20C	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5oc 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5oc 31: NE/4 4N-22ECM 5oc 31: NE/4 5oc 31: NE/4	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 50c 31: NE/4 4N-22ECM 50c 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 50c 31: NE/4 4N-22ECM 50c 31: SE/4 4N-22ECM 50c 31: SE/4 4N-22ECM 50c 31: SE/4 50c 30c 31: SE/4 50c 30c 30c 30c 30c 30c 30c 30c 30c 30c 3	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 50: 31: NE/4 4N-22ECM 50: 31: NE/4 4N-22ECM 50: 31: NE/4 4N-22ECM 50: 31: NE/4 50: 31: 31: 31: 31: 31: 31: 31: 31: 31: 31	44-22ECM 40-22ECM 40-22ECM 40-22ECM 50c 31: NE/4 50c 31: NE/4 40-22ECM 40-22ECM 40-22ECM 40-22ECM 40-22ECM 40-22ECM 50c 31: NE/4 40-22ECM 50c 31: NE/4 40-22ECM	44-22ECM 44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5ec 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5ec 31: NE/4 4N-22ECM 5ec 31: SE/4 4N-22ECM 5ec 31: SE/4 4N-22ECM 5ec 31: SE/4 4N-22ECM 5ec 31: SE/4 4N-22ECM 5ec 31: SE/4 4N-22ECM 5ec 31: SE/4 5ec 31: SE/4	44-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5sc 31: NE/4 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 4N-22ECM 5sc 31: NE/4 4N-22ECM 5sc 31: NE/4 5sc 31: NE/4	31: Lote 1 & 2: EZ NW/4 31: Lote 1 & 2: EZ NW/4 31: Lote 1 & 2: EZ NW/4 31: Lots 1 & 2: EZ NW/4 32: Lots 1 & 2: EZ NW/4 33: Lots 1 & 2: EZ NW/4 3422ECM 31: Lots 1 & 2: EZ NW/4 32: Lots 1 & 2: EZ NW/4 33: Lots 1 & 2: EZ NW/4 3422ECM 56: 31: NE/4
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FARMERS UNITED COOPERATIVE POOL HENRY T LIPPERT AND PEGGY LIPPERT HIS WIFE	HIS WIFE		HUGH HOWARD 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 FOGLENAN S GUADALUPE JOEL E FOGLENAN & GUADALUPE FOGLENAN HIS WIFE LEROY BOBBITT AND NELLE BOBBITT, HUSBAND AND WIFE AS JOINT TENANTS	JOEL E FOGLEMAN & GUJADLUPE FOGLEMAN & GUJADLUPE FOGLEMAN NE WIE LEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HIS WIFE	JOEL E FOGLENAN FRUGA JOEL E FOGLENAN GUADALUPE FOGLENAN HIS WIFE LEROY BOBBITT AND NELLE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLENAN AND OLLIE MAY FOGLENAN HIS WIFE MAXINE ALLEN	JOEL E FOGLEMAN & GLODING TRAN & GLODING TRAN & GLADALLIPE FOGLEMAN HIS WIFE LEROY BOBBITT AND NELLE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONNAR RUSSELL FOGLEMAN HIS WIFE MAX ROGLEMAN HIS WIFE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN	JOEL E FOGLENAN & GUNDALUPE FOGLENAN & GUNDALUPE FOGLENAN & SUNDALUPE FOGLENAN HS WIE LEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLENAN AND OLLIE MAY FOGLENAN HIS WIFE MAY FOGLENAN HIS WIFE MAXINE ALLEN MAXINE ALLEN REEDA WOOD POOL A WIDOW	I OEL E FOGLENAN & GUDDALLIPE FOGLENAN & GUDDALLIPE FOGLENAN & SUNDALLIPE FOGLENAN HS WIE LEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLENAN NID OLLIE MAY FOGLENAN HIS WIFE MAY FOGLENAN HIS WIFE MAXINE ALLEN MAXINE ALLEN REED A WOOD POOL A WIDOW REED A WOOD POOL A WIDOW REED A WOOD POOL A WIDOW REED A WOOD POOL A WIDOW	JOEL E FOGLEMAN R. GLUDALLIPE FOGLEMAN HIS WIFE LLEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN REMA JO WILSON BEDEKER AND HARRY E BEDKER JR WIFE AND HARRY FORMERLY YOLLAK TALBOT AND COLIN	JOEL E FOGLEMAN & GULDALLUPE FOGLEMAN & GULDALLUPE FOGLEMAN HIS WIFE LLEROY BOBBITT AND NELLIE BOBBITT, HUSBAND AND WIFE AS JOINT TENANT'S LONNAN RUSSELL FOGLEMAN AND OLLIE MAX FOGLEMAN HIS WIFE MAXINE ALLEN MAXINE ALLEN MAXIN	JOEL E FOGLEMAN & GLADIALLIPE FOGLEMAN & GLADIALLIPE FOGLEMAN HIS WIFE LLEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONAM RUSSELL FOGLEMAN AND OLLIE MAXINE COGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN REAL VOULSON BEDEKER AND HARRY E BEDKER JR WIFE AND HARRY CORMERLY YOULKI COGBURN FORMERLY VIOLAI COGBURN FORMERLY VIOLAI COGBURN FORMERLY VIOLAI COGBURN FOR ZWRIGHT ATTORNEY-IN-FACT FOR JUANITA B WILSON, AND WAD HEIR OF VERN WILSON BEDEKSEED TOM Z WRIGHT ATTORNEY-IN-FACT FOR JUANITA B WILSON DECASED	JOEL E FOGLEMAN & GLODING TRADTLIPE JOEL E FOGLEMAN & GLUDATLIDE LEROY BOBBITT AND NELLE BOBBITT, HUSBAND AND WIFE AS JOINT TENANT'S LONNAR RUSSELL FOGLEMAN HIS WIFE MAXINE ALLEN MAXINE AND HARFY E BEDKEN TWICS AND HARFY E BEDKEN TWICS AND HARFY E BEDKEN TWICS AND HARFY E BEDKEN TWICS AND HARFY E BEDKEN TANDAN AND HAR TOM Z WRIGHT ATTORNEY-IN-FACT FOR UJANITA B WILSON AND COLIN OF VERN WILSON DECEASED TOM Z WRIGHT ATTORNEY-IN-FACT FOR UJANITA B WILSON AND PAT WILSON HIS WIES WANNE AND FOR AND HARFY MAXINE AND AND HARFY TOM Z WRIGHT ATTORNEY-IN-FACT FOR UJANITA B WILSON AND PAT WILSON HIS WIES WANNE AND AND PAT WILSON	JOEL E FOGLEMAN & GUADMILUPE FOGLEMAN & GUADALLUPE FOGLEMAN HIS WIFE LLEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LONNAN RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HIS WIFE MAXINE ALLEN MAXINE ALLEN REED A WOOD POOL A WIDOW RENA JO WILSON BEDEKER AND HARRY E BED'KER RI WIFE AND HARRY FOM Z WRIGHT ATTORNEY-IN-FACT FOR BETTY K YOUNG, VIOLA I COGBURN FORMERLY VIOLA K TALBOT AND COLIN FOM Z WRIGHT ATTORNEY-IN-FACT FOR BETTY K YOUNG, VIOLA I COGBURN FOR Z WRIGHT ATTORNEY-IN-FACT FOR UNAITA B WILSON DECEASED TOM Z WRIGHT ATTORNEY-IN-FACT FOR UNAITA B WILSON AND PAT WILSON HIS WILSON AND PAT WILSON HIS WIESON AND PAT WILSON HIS WIESON AND PAT WILSON HIS WIESON AND PAT WILSON	JOEL E FOGLEMAN FIX SUADALUPE FOGLEMAN HIS WIFE LLEROY BOBBITT AND NELLIE BOBBITT. HUSBAND AND WIFE AS JOINT TENANTS LUNAM RUSSELL FOGLEMAN AND OLLIE MAXINE ALLEN MAXINE ALLEN MAXINE ALLEN REAL JO WILSON BEDEKER AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER R WIFE AND HARRY CORMERLY TORNEY-IN-FACT FOR JUANTA B WILSON, A WIDOW AND HER OR VERLY TOM Z WRIGHT ATTORNEY-IN-FACT FOR JUANTA B WILSON, A WIDOW AND HER OR VERLY TOM Z WRIGHT ATTORNEY-IN-FACT FOR JUANTA B WILSON, AND DAT WILSON MAXINE AULEN B BEN AULEN WIFE AND MAXINE AULEN B BEN AULEN WIFE AND MAXINE AULEN B BEN AULEN WIFE AND HUSBAND	JOEL E FOGLEMAN & GULDING TANDALLIPE JOEL E FOGLEMAN NEW GULDALLIPE LEROY BOBBITT AND NELLE BOBBITT, HUSBAND AND WIFE AS JOINT TENANT'S LONNAR RUSSELL FOGLEMAN HIS WIFE MAXINE ALLEN MAXINE AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER JR WIFE AND HARRY E BEDKER JR WIE AND HARRY E MAXINE ANLON AND PRI MAXINE ANLON AND HAR WAYNE WILSON AND PAT WILSON MAXINE ANLEN MILSON MAXINE ANLEN WILSON MAXINE ANNEN WILSON MAXINE ANNEN WILSON MAXINE ANNEN WILSON MAXINE ANNEN WILSON MAXINE ANNEN WILSON AND PAT WILSON MAXINE ANNEN WILSON AND WILSON AND PAT WILSON MAXINE ANNEN WILSON AND WILSON AND WILSON MAXINE ANNEN AN WILSON AND WILSON AND WILSON AND WILSON AND
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
	LEASE - OIL AND GAS	HELEN R JAMES JONES AND EARL S JONES HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	11/27/1973	405	330	Å	22ECM	35	4N22ECM35	4N-22ECM Sec. 35: E/2: W/2	BEAVER	m
	LEASE - OIL AND GAS	A F STYLES, ACTING BY AND THROUGH HIS ATTORNEY-IN-FACT ELLEN STYLES WOODARD; AND ELLEN STYLES WOODARD AND RC WOODARD, HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	5/15/1953	294	446	۲	12ECM	п	SN12ECM1	5N-12ECM Sec 1: NE4	TEXAS	28
	LEASE - OIL AND GAS	URINE ULLOM	PANHANDLE EASTERN PIPE LINE COMPANY	3/20/1953	294	395	SN	12ECM	-	SN12ECM1	5N-12ECM Sec.1:SW/4	TEXAS	28
	LEASE - OIL AND GAS	JOHN H ULLOM AND MAURINE ULLOM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/6/1945	251	340	SN	12ECM	г	5N12ECM1	5N-12ECM Sec 1: SE/4	TEXAS	28
	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	CITIES SERVICE OIL COMPANY	9/26/1947	257	146	SN	12ECM	Ţ	5N12ECM1	5N-12ECM Soc 1: SE/4	TEXAS	28
	LEASE - OIL AND GAS	C R THOMAS AND MRS ETHEL W THOMAS HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/25/1947	257	24	SN	12ECM	10	SN12ECM10	5N-12ECM Sec 10: NE/4	TEXAS	28
	LEASE - OIL AND GAS	MADGE W BEVAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/3/1953	294	397	S	12ECM	10	5N12ECM10	50-12ECM 5ec 10: E/2 E/2 SV/4: 5E/4	TEXAS	28
33113000	LEASE - OIL AND GAS	MAUD W WOODARD (NEE WOODWARD AND LJ WOODARD HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	4/3/1953	294	400	ß	12ECM	10	5N12ECM10	5N-12ECM Sec 10: NVV/4; W/2 E/2 SW/4; W/2 SW/4	TEXAS	28
85302000	LEASE - OIL AND GAS	GRACE I DOGGETT OGLE FORMERLY GRACE I DOGGETT AND H B OGLE HER HUSBAND	G R GEAR	5/7/1946	251	607	S	12ECM	1	5N12ECM11	5N-12ECM Soc. 11: NE/4	TEXAS	28, 29
	LEASE - OIL AND GAS	GRACE I DOGGETT OGLE FORMERLY GRACE I DOGGETT AND H B OGLE HER HUSBAND ET AL	CITIES SERVICE OIL COMPANY	6/12/1943	233	250	S	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: 5E/4	TEXAS	28, 29
	LEASE - OIL AND GAS	J E HEINTZ AND MARGARET M HEINTZ HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/8/1945	251	341	SN	12ECM	11	5N12ECM11	5N-12ECM Sec 11: NW/4	TEXAS	28, 29
	LEASE - OIL AND GAS	LOIS LINDEMANN FRANKENBERGER	M T DRISKO	12/20/1950	257	289	z	12ECM	11	5N12ECM11	5N-12ECM Soc 11: NW/4	TEXAS	28, 29
	LEASE - OIL AND GAS	MRS FLORENCE MILLER TEBBS	M T DRISKO	12/20/1950	257	290	SN	12ECM	п	SN12ECM11	5N-12ECM Sec 11: NW/4	TEXAS	28, 29
	LEASE - OIL AND GAS	S T TUCKER AND WIFE ADA P TUCKER	FRANK PARKES	5/29/1943	232	199	SN	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: SW/4	TEXAS	28, 29
	LEASE - OIL AND GAS			12/20/1950	257	291	ß	12ECM	11	5N12ECM11	5N-12ECM Sec 11: NW/4	TEXAS	28, 29
	LEASE - OIL AND GAS	-	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1943	232	354	SN	12ECM	15	5N12ECM15	5N-12ECM Sec. 15: NW/4	TEXAS	28
	LEASE - OIL AND GAS	E G POLLOCK AND ANNA POLLOCK HIS WIFE	H BEN COX	5/25/1943	244	65	SN	12ECM	4	5N12ECM4	50-125CM Sec. 4: SE/4: E/2 E/2 SW/4	TEXAS	28
-	LEASE - OIL AND GAS	FRED L SUTTON AND BONNA L SUTTON HIS WIFE	H BEN COX	5/25/1943	244	56	SN	12ECM	4	5N12ECM4	5N-12ECM Sec. 4: W/2 E/2 SW/4; W/2 NW/4; W/2 SW/4	TEXAS	28
-	LEASE - OIL AND GAS	MANNAH H WOODWARD AND J C WOODWARD HER HUSBAND	H BEN COX	5/24/1943	244	53	SN	12ECM	4	5N12ECM4	5N-12ECM Soc. 4: E/2 NW/4; NE/4	TEXAS	28
_	LEASE - OIL AND GAS	MARTHA E BACON A WIDOW	H W LONG	10/28/1944	251	181	SN	12ECM	ß	5N12ECM5	5N-12ECM Sec. 5: SE/4 SE/4	TEXAS	28
-	LEASE - OIL AND GAS	-	PANHANDLE EASTERN PIPE LINE COMPANY	4/21/1953	294	407	SN	12ECM	2	5N12ECM7	50-12ECM Sec 7: Lots 1 and 2: E/2 NW/4	TEXAS	28
	LEASE - OIL AND GAS	CLAREMONT COLLEGE A CALIFORNIA CORPORATION AS TRUSTEE UNDER THE WILL OF MARIE RANKIN CLARKE	PANHAND	5/19/1953	294	468	S	12ECM	2	5N12ECM7	5N-12ECM Soc 7: NEM	TEXAS	28

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5N-12ECM TFXAS
SW/4; SE/4
5N-12ECM Sec. 8: E/2 NE/4
5N-13ECM TEXAS
5N-14ECM TEXAS Sec. 18: NW/4
5N-16ECM Sec. 10: E/2
56c. 12: SW/4 TEXAS
542. 25: 3.04 acres in the NE/4 as more particularly described in TEXAS said lease
5N-16ECM Sec. 26: SE/4
5N-16ECM Sec. 4: NE/4
5N-16ECM TEXAS
5N-16ECM Sec 4: NW/4
5N-16ECM Sec. 4: SW/4
5ec. 9: E/2 SW/4; NW/4; E/2; NW/4 SW/4; SW/4 SW/4
SN-17ECM Sec. 31: S/2
5N-17ECM Soc. 31: NE/4
50-17ECM Sec. 31: NW/4 TEXAS
5N-17ECM Sec. 7: NE/4
5N-20ECM Sec. 10: SE/4 BEAVER
5N-20ECM Sec. 10: 5/2 NW/4; SW/4
5N-20ECM BEAVER BEAVER
5N-20ECM Sec. 10: SE/4
5N-20ECM Sec. 10: N/2 NW/4
5N-20ECM Sec. 23: SW/4 BEAVER
5N-20ECM

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Agreement # Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
LEASE - OIL AND GAS	S DORIS SWAN A WIDOW	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	412	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: NE/4 SW/4	BEAVER	e
LEASE - OIL AND GAS	S EDNA MAE CORRELL A WIDOW	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	437	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	ю
LEASE - OIL AND GAS	EDNA MAY CORRELL AND ROSCOE RAY CASADY AS CO-PERSONAL REPRESENTATIVES UNDER THE WILL OF EDNA A CASADY DECEASED	ANADARKO PETROLEUM CORPORATION	12/5/1985	704	436	ZS	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	m
LEASE - OIL AND GAS		ANADARKO PETROLEUM CORPORATION	11/25/1985	704	402	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec 23: SE/4	BEAVER	в
LEASE - OIL AND GAS	S FELIX HUEBNER AKA FELIX LOUIS HUEBNER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	2/21/1985	674	249	SN	ZDECM	23	5N20ECM23	5N-20ECM Sec 23: NW/4	BEAVER	З
LEASE - OIL AND GAS	HAROL	ANADARKO PETROLEUM CORPORATION	5/30/2000	1046	429	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	в
LEASE - OIL AND GAS		ANADARKO PETROLEUM CORPORATION	11/25/1985	704	398	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: NE/4	BEAVER	e
LEASE - OIL AND GAS	NON	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	431	Z,	20ECM	33	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	n
LEASE - OIL AND GAS	JESSE DA	ANADARKO PETROLEUM CORPORATION	6/12/2000	1046	435	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	n
LEASE - OIL AND GAS	S JULIA ELIZABETH JORDAN A WIDOW	ANADARKO PETROLEUM CORPORATION	7/7/2000	1046	443	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	з
LEASE - OIL AND GAS	KAREN D BARNES A MARRIED WOMAN S DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	424	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SE/4 SW/4	BEAVER	m
LEASE - OIL AND GAS	S LARRY D PLATZ A SINGLE PERSON	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	430	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SE/4 SW/4	BEAVER	в
LEASE - OIL AND GAS	-	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	415	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SE/4 SW/4	BEAVER	З
LEASE - OIL AND GAS	Σ	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	409	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: NE/4 SW/4	BEAVER	n
LEASE - OIL AND GAS		ANADARKO PETROLEUM CORPORATION	11/27/1985	704	421	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SE/4 SW/4	BEAVER	ε
LEASE - OIL AND GAS	-	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	418	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: 5E/4 SW/4	BEAVER	в
LEASE - OIL AND GAS		ANADARKO PETROLEUM CORPORATION	11/27/1985	704	406	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: NE/4 SW/4	BEAVER	ю
LEASE - OIL AND GAS	RITA MAE ZIELKE A MARRIED WOMAN S DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	427	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SE/4 SW/4	BEAVER	в
LEASE - OIL AND GAS	ROSCOE RAY CASADY AND ROBERTA M CASADY HUSBAND AND WIFE	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	439	SN	20ECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	m
LEASE - OIL AND GAS	VIDA MARGARET NOLAND AND JAMES FRANKLIN NOLAND HER HUSBAND	ANADARKO PETROLEUM CORPORATION	5/30/2000	1046	433	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec. 23: SW/4 SW/4	BEAVER	m
LEASE - OIL AND GAS	S VINNY LUBBERS A WIDOW	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	433	SN	ZOECM	23	5N20ECM23	5N-20ECM Sec 23: NW/4 SW/4	BEAVER	n
LEASE - OIL AND GAS		ANADARKO PETROLEUM CORPORATION	3/5/1998	1002	16	SN	20ECM	36	5N20ECM36	5N-20ECM Sec 36: N/2 NE/4: SW/4 NE/4	BEAVER	ю
LEASE - OIL AND GAS	PA	ANADARKO PETROLEUM CORPORATION	6/14/1997	066	442	SN	ZOECM	36	5N20ECM36	5N-20ECM Sec. 36: W/2	BEAVER	ю
LEASE - OIL AND GAS	DORT	ANADARKO PETROLEUM	6/14/1997	990	439 519	SN	20ECM	36	5N20ECM36	5N-20ECM Ser 36: WU7	BEAVER	m

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Original Lessor
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THE NORTHERN TRUST COMPANY. TRUSTEE OF THE VIES TRUDER TRUST GREEMENT DATED JUNE 11. CORPORATION 1979 AND AMENDED ON MAY 15, 1987 TTRUST NO. 0230056)
CHESTER F WINDSOR AKA C F WINDSOR ANADARKO PRODUCTION 9/13/1979 AND VERA WINDSOR HIS WIFE
RO
VICTOR H TEGARDEN AND FRECES ANADARKO PRODUCTION 7/10/1980 TEGARDEN HIS WIFE COMPANY
CARL M HULING DALE K LAWYER 3/28/1978
DORA NEARON A WIDOW DALE K LAWYER 3/28/1978
H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS W/FE AND JUNE TRETBAR HIS W/FE
H S TRETBAR AKA STANFIELD TRETBAR AND JUNE TRETBAR HIS WIFE AND JUNE TRETBAR HIS WIFE
HAROLD C TRETBAR AND LAWRENCE L TRETBAR CO-EXECUTORS OF THE ESTATE OF GLADYS. TRETBAR DECENSED, AND HAROLD C TRETBAR INDIVULUE TAND LAWRENCE L INDIVUDUALE TAND LAWRENCE L
ROY C STICKLER JR AND BETTY J CL CARTER 12/12/1979 STICKLER HUSBAND AND WIFE 12/12/1979
DALE LLONG DALE KLAWYER 4/3/1978
HATTIE ASPLIN ABBOTT DALE K LAWYER 4/4/1978
JAMES W KEATING AND MARLENE CHRIS DEVINE 2/28/1980 KEATING HUSBAND AND WIFE
LAURA MOORE AND EUGENE MOORE ANADARKO PRODUCTION 4/1/1960 HER HUSBAND COMPANY
LAURENCE WIENS AND BERTHA WIENS ANADARKO PRODUCTION 4/1/1980 HIS WIFE COMPANY
LOREE E CHAMPIOMONT A SINGLE DALE K LAWYER 414/1978 WOMAN
MARLENE KEATING, ADMINISTRATIX WITH WULL ANNEXED OF THE ESTATE OF CHRIS DEVINE 2/8/1980

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31824001	LEASE - OIL AND GAS	RICHARD H DORMAN AKA RICHARD DORMAN AND NEVA M DORMAN HIS WIFE	SHENANDOAH OIL CORPORATION	11/12/1976	456	311	ß	21ECM	53	5N21ECM23	5N-21ECM Sec 23: SE/4	BEAVER	3,9
31824003	LEASE - OIL AND GAS	SYLVIA ESTHER PATTERSON WICKERSHAM	A E MARTIN	6/15/1978	488	546	SN	21ECM	23	5N21ECM23	5N-21ECM Sec. 23: SE/4	BEAVER	3,9
31773000	LEASE - OIL AND GAS	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	DALE K LAWYER	4/1/1978	491	617	SN	21ECM	26	5N21ECM26	5N-21ECM Sec. 26: SE/4	BEAVER	в
31780000	LEASE - OIL AND GAS	CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE	DALE K LAWYER	3/31/1978	491	608	SN	21ECM	26	5N21ECM26	5N-21ECM Sec 26: NW/4	BEAVER	3
31819000	LEASE - OIL AND GAS	GENE R GROVE AND LILLIE P GROVE HUSBAND AND WIFE	ANADARKO PRODUCTION COMPANY	6/6/1980	536	543	SN	21ECM	26	5N21ECM26	5N-21ECM Sec. 26: NE/4	BEAVER	e
31771000	LEASE - OIL AND GAS	BERT EARL PATTERSON COMPANY	A B POLK	5/6/1978	492	22	SN	21ECM	27	5N21ECM27	5N-21ECM Sec. 27: NE/4	BEAVER	m
31806000	LEASE - OIL AND GAS	CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT	ANADARKO PRODUCTION COMPANY	4/7/1980	533	59	SN	21ECM	27	SN21ECM27	5N-21ECM Sec 27: NW/4	BEAVER	m
31754000	LEASE - OIL AND GAS	ELSIE PEARL JOHNSON A WIDOW		4/7/1978	486	120	SN	21ECM	27	5N21ECM27	5N-21ECM Sec 27: SW/4	BEAVER	З
31809000	LEASE - OIL AND GAS	JAMES E HUSTED AND HELEN R HUSTED HIS WIFE	ANADARKO PRODUCTION COMPANY	4/1/1980	533	552	SN	21ECM	27	5N21ECM27	5N-21ECM Sec. 27: SE/4	BEAVER	m
31745000	LEASE - OIL AND GAS	BENJAMIN WITZKE AND ANNIE WITZKE HIS WIFE	GULF OIL CORPORATION	6/14/1949	28	205	SN	21ECM	31	5N21ECM31	50-215CM Sec. 31: Lot 4: SE/4 SW/4	BEAVER	в
31738006	LEASE - OIL AND GAS	E J DUNIGAN JR, JAMBE P DUNIGAN AS TRUSTEES POR THE MARGARET SUE DUNIGAN ORIGINAL TRUST, THE W E DUNIGAN ORIGINAL TRUST, TAUD THE JAMBE P DUNIGAN ORIGINAL TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30. 1950	PANHANDLE EASTERN PIPELINE COMPANY	4/18/1958	186	262	S	21ECM	31	5N21ECM31	502.31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	m
31738004	LEASE - OIL AND GAS	F A DUNIGAN AND (BESS DUNIGAN WIFE OF F A DUNIGAN)	PANHANDLE EASTERN PIPELINE COMPANY	4/18/1958	186	264	SN	21ECM	31	5N21ECM31	50-215CM 50c. 31: Lots 1, 2 & 3; NE/4 SW/4	BEAVER	n
5008E/TE	LEASE - OIL AND GAS	F A DUNIGAN, J P DUNIGAN, J P BROWN, AS TRUSTEES FOR THE ROBERT TIMOTHA DUNIGAN ORIGINAL TRUST, THE WILLIAM DENNIS DUNIGAN ORIGINAL TRUST, THE JOHN TERANCE DUNIGAN ORIGINAL TRUST INSTRUMENT TRUST UNDER TRUST INSTRUMENT TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30, 1950	PANHANOLE EASTERN PIPELINE COMPANY	8567/87/7	186	260	Z	21ECM	31	5N21ECM31	50c 31: Lot 1, 2 8 3: NE4 SW/4	BEAVER	m
31746000	LEASE - OIL AND GAS	MANSELL L MCNEW AND WIFE ALINE MCNEW	S E ALLISON	8/21/1951	33	499	SN	21ECM	31	5N21ECM31	5N-21ECM Sec. 31: S/2 SE/4	BEAVER	З
31744000	LEASE - OIL AND GAS	N W DICK AND HULDA DICK HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	1/22/1958	183	640	SN	21ECM	31	5N21ECM31	50-215CM Sec. 31: N5/4; 5/2 NW/4; N/2 S5/4	BEAVER	в
31738001	LEASE - OIL AND GAS	N W DICK AND HULDA DICK HIS WIFE		1/22/1958	184	1	SN	21ECM	31	5N21ECM31	50-215CM Sec. 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	m
31738003	LEASE - OIL AND GAS	O D WILLIAMS AND MARJORIE WILLIAMS HIS WIFE		4/16/1958	185	223	SN	21ECM	31	5N21ECM31	5N-21ECM Soc. 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	e
31738002	LEASE - OIL AND GAS	OSCAR HATCHER AND E C HATCHER HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/22/1958	185	316	SN	21ECM	31	5N21ECM31	5N-21ECM Sec. 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	m
31765001	LEASE - OIL AND GAS	HOWARD L FRANZ ET AND DOROTHY FRANZ HIS WIFE	DALE K LAWYER	4/24/1978	492	27	SN	21ECM	33	5N21ECM33	5N-21ECM Sec. 33: 5VV/4; NE/4; SE/4; NW/4	BEAVER	в

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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 ATKINSON AND LOUISE ATKINSON 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	111	Z	21ECM	ñ	5N21ECM33	5N-21ECM Sec 33: SW/4	BEAVER	m
31765003	LEASE - OIL AND GAS	MORRIS ATKINSON AND 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	ő	SN21ECM33	50-21ECM Sec 33: NW/4	BEAVER	m
31765004	LEASE - OIL AND GAS	MORREX TYCINSON AND LOUISE ATCNSON 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	113	Z	21ECM	m	SN21ECM33	5N-21ECM Sec 33: NE4	BEAVER	m
31765005	LEASE - OIL AND GAS	NORREX TRYNSON AND 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	115	z	21ECM	m	5N21ECM33	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: W/2 NW/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	ß	21ECM	34	5N21ECM34	5N-21ECM Sec 34: W/2 NW/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	m
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	ε
31883003	LEASE - OIL AND GAS	EVERETT E TRETBAR AND RUTH TRETBAR HIS WIFE	W R GRAY	5/27/1976	946	403	SN	21ECM	35	5N21ECM35	Sec. 35: SW/4	BEAVER	ю
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	в
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	58-21ECM Sec. 35: SW/4	BEAVER	ε
31882000	LEASE - OIL AND GAS	MARY ATKINS MCWHIRTER TRUSTEE UNDER TRUST AGREEMENT MADE BY MARY ATKINS MCWHIRTER AS GRANTOR TO MARY ATRINS MCWHIRTER AS TRUSTEE ON JANUARY 24, 1974	W R GRAY	5/20/1976	447	70	Z	ZIECM	35	5N21ECM35	5N-ZIECM Sec. 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	ε
31883002	LEASE - OIL AND GAS	MILDRED M BROWN AND C EVERETT BROWN HER HUSBAND	W R GRAY	5/27/1976	447	422	S	21ECM	35	5N21ECM35	5N-21ECM Sec. 35: SW/4	BEAVER	ε

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Footnote	£	З	m	e	З	3 Force Pooling Order No. 174181	3 Force Pooling Order No. 174181	3 Force Pooling Order No. 174181	m	3 Force Pooling Order No. 174181	3 Farce Pooling Order No. 174181	3, 4	3, 4 Force pooled interest under Order No. 179280	3, 4	3, 4	3,4
County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER
Legal Description	5N-21ECM Sec 36: SW/4	5N-21ECM Sec 36: SE/4	5N-21ECM Sec. 36: NE/4	5N-21ECM Sec. 36: NW/4	5N-21ECM Sec. 6: NW/4	5N-21ECM Soc. 6: SE/4	5N-21ECM Sec. 6: SE/4	5N-21ECM Sec. 6: Lots 6 & 7: E/2 SW/4: NW/4	50-215CM Sec. 6: Lots 1 & 2: S/2 NE/4	5N-21ECM Sec. 6: NW/4	5N-21ECM Sec. 6: SE/4	5N-21ECM Sec. 9: W/2 NW/4	5N-21ECM Sec. 9: SE/4	5N-21ECM Sec. 9: W/2 NW/4	5N-21ECM Sec. 9: SVV/4	5N-21ECM Cor 9: ED NUMA: NEM
Concatenate	5N21ECM36	5N21ECM36	5N21ECM36	5N21ECM36	5N21ECM6	5N21ECM6	SN21ECM6	SN21ECM6	5N21ECM6	SNZIECM6	SN21ECM6	5N21ECM9	SN21ECM9	5N21ECM9	5N21ECM9	5N21ECM9
Section	36	36	36	36	و	و	و	و	و	و	۵	თ	თ	6	6	6
Range	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM	21ECM
Township	S	SN	SN	SN	SN	22	S	S	SN	S	SN	SN	ß	SN	SN	SN
Page	710	326	331	336	659	104	101	79	113	765	86	392	553	332	338	601
Book	549	456	456	456	521	531	531	531	521	530	531	446	504	446	446	532
Date	2/5/1981	11/12/1976	11/12/1976	11/12/1976	11/27/1979	10/11/1979	10/11/1979	10/2/1979	10/23/1979	10/17/1979	10/11/1979	5/15/1976	8791/05/11	5/10/1976	5/10/1976	4/1/1980
Original Lessee	ANADARKO PRODUCTION COMPANY	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	SHENANDOAH OIL CORPORATION	DAVID M DAYVAULT	BRIDGER PETROLEUM CORPORATION	BRIDGER PETROLEUM CORPORATION	BRIDGER PETROLEUM CORPORATION	DAVID M DAYVAULT	BRIDGER PETROLEUM CORPORATION	BRIDGER PETROLEUM CORPORATION	W R GRAY	TEXAS OIL AND GAS CORPORATION	W R GRAY	W R GRAY	ANADARKO PRODUCTION COMPANY
Original Lessor	ARCHIE VIVIAN PATTERSON AKA ARCHIE V PATTERSON AKA A V PATTERSON AND VIOLA PATTERSON HIS WIFE	HUGH DORMAN AND VIRGINIA DORMAN HIS WIFE	HUGH DORMAN AND VIRGINIA DORMAN SHENANDOAH OIL CORPORATION HIS WIFE	HUGH DORMAN ET UX	ARNOLD H REGIER AND HELEN REGIER HUSBAND AND WIFE	BETTY JEAN BODIN AND CARL EDWIN BODIN HER HUSBAND	DONALD LEE FRANZ AND JOYCE M FRANZ HIS WIFE	EDNA A REGIER AND ED L REGIER HER HUSBAND	GARY D FRANZ AND MARY A FRANZ AKA MARY FRANZ AKA MARY ANN FRANZ HIS WIFE	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	MARY LOU DUERKSEN AND JOSEPH J DUERKSEN HER HUSBAND	A E BECKER, CHESTER WINDSOR AND HENRY BOESE, TRUSTEES MENNONITE CHURCH OF TURPIN OKLAHOMA- 1976	HOWARD L FRANZ AND DOROTHY D FRANZ HUSBAND AND WIFE	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	LAURA MOORE AND EUGENE MOORE HER HUSRAND
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	LEASE - OIL AND GAS	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	LEASE - OIL AND GAS	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 179280 DATED 11/17/1980	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #	31823000	31869000	31870000	31868000	32110000	28751003	28781001	28750000	32109000	287490000	28751002	32129000	31902000	32128000	32130000	31798001

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Footnote	3, 4 Force Pooling	2 Order No. 178840	3,4	3.4	1, 26	1, 26	28	12	12	12	12	12	28	12	28	12	12	12	28	28	28
County		BEAVER	BEAVER	BEAVER	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS
Legal Description		IN-112CM Soc.9: NE4; EZ NW	5N-21ECM Sec 9: NE/4: E/2 NW/4	5N-21ECM Sec. 9: NE/4; E/2 NW	6N-10ECM Sec. 16: S/2	6N-10ECM Sec 16: S/2 NV//4	6N-10ECM Sec. 23: NVV/4	6N-10ECM Sec 23: SW/4	6N-10ECM Sec. 24: SVV/4	6N-10ECM Sec. 24: N/2 NW/4; NE/4; S/2 NW/4; SE/4	6N-10ECM Sec. 24: 0.55 Acres in the NE4: 7.59 Acres in the NW/4 and 3.04 Acres in the SW/4, all as more fully described in the lease	6N-10ECM Sec. 24: SW/4	6N-11ECM Sec 17: SW/4	6N-11ECM Sec. 17: Lot 1 & 2: S/2 NE/4	6N-11ECM Sec. 17: Lots 3 & 4: S/2 NW/4	6N-11ECM Sec. 17: 2.95 Acres in the NW/4, more fully described in the lease	6N-11ECM Sec. 17: Lot 1 & 2: S/2 NE/4	6N-11ECM Sec. 35: N/2 SE/4: NE/4	6N-12ECM Sec. 25: N/2 SE/4; SE/4	6N-12ECM Sec. 25: SW/4	6N-12ECM
Concatenate		5N21ECM9	SN21ECM9	SN21ECM9	6N10ECM16	6N10ECM16	6N10ECM23	6N10ECM23	6N10ECM24	6N10ECM24	6N10ECM24	6N10ECM24	6N11ECM17	6N11ECM17	6N11ECM17	6N11ECM17	6N11ECM17	6N11ECM35	6N12ECM25	6N12ECM25	6N12ECM25
Section		ი	თ	6	16	16	23	33	24	24	24	24	17	17	17	17	17	35	25	25	25
Range		21ECM	21ECM	21ECM	10ECM	10ECM	10ECM	IOECM	10ECM	10ECM	IOECM	TOECM	11ECM	11ECM	ILECM	11ECM	11ECM	11ECM	12ECM	12ECM	12ECM
Township		ZS	SN	SN	Ng	8N	6N	Ng	8N	8N	N9	N9	Ng	8N	6N	6N	6N	8N	Ng	8N	8N
Page		N/A	667	561	347	11	541	407	410	417	637	366	233	407	398	626	410	448	261	4	374
Book		NIA	533	533	301	301	257	257	257	257	310	294	305	301	301	310	301	301	257	244	251
Date		0861/21/11	4/1/1980	4/1/1980	11/4/1953	7/17/1953	9/4/1952	2/5/1952	2/6/1952	2/16/1952	4/8/1959	3/6/1953	10/10/1955	11/26/1954	11/11/1954	4/8/1959	12/17/1954	8/20/1955	2/7/1950	5/24/1943	3/7/1945
Original Lessee		FIRST NATIONAL BANK FAIRFIELD	ANADARKO PRODUCTION COMPANY	ANADARKO PRODUCTION COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	Edwin L. Cox	FRANK PARKES	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	GULF OIL CORPORATION	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	W C PEERY	H BEN COX	PANHANDLE EASTERN PIPE LINE
Original Lessor		LAWRENCE S WIENS ET UX	RUTH ARP AND T E ARP HER HUSBAND	VIOLA JARRELL AND J M JARRELL HER HUSBAND	STELLA MCMURRY AND CHARLES MCMURRY HER HUSBAND	John M. Hardwick, Et Ux	CHAS M PAUL & MARY K PAUL HUSBAND & WIFE	ROBERT O QUIGLEY AND WIFE ROXIE B QUIGLEY, THE SAID ROBERT O QUIGLEY BEING ONE AND THE SAME PERSON AS R O OUIGLEY	EMMA PEARL FORBES AND HUSBAND WALTER F FORBES	FLOYD V SHRAUNER AND WIFE ROBERTA SHRAUNER	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE NO. OSEI-809	EDDIE F TUCKER AND LILLIAN PEARL TUCKER HIS WIFE	RAY STUDEBAKER AND FLORENCE STUDEBAKER HIS WIFE	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	W GLENN MUNCY AND NELLIE LEE MUNCY HIS WIFE	ESSIE A HERSHBERGER A WIDOW	AUGUST EDDY	C A SWARTZ AND HELEN SWARTZ HIS WIFE	EFFIE M OWINGS STOUFFER AND MYRON PANHANDLE EASTERN PIPE
Agreement Type		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	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS
Agreement #		31798004	31798002	31798003	33076000		33111000 60111000	33027000	33025001	33024000	33080000	33025002	33118000	33054002	33116000	33079000	33054001	33077000	69952003	85397000	85274000

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
69952001	LEASE - OIL AND GAS	LELA ARNAMAN POWELL AND LEROY D POWELL HER HUSBAND: EVELYN BARTIK AND ARTHUR P BARTIK HER HUSBAND: FERN BARTIK AND WILLLE FBARTIK HER HUUSBAND		1/14/1950	257	260	N9	12ECM	25	6N12ECM25	6N-12ECM Soc 25: N2 SEK; SEK SEK	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	TEXAS	28
85510000	LEASE - OIL AND GAS	WILLIAM ARTHUR ENZ AND ROBERT EUGENE ENZ	W C PEERY	4/21/1950	257	272	N9	12ECM	25	6N12ECM25	6N-12ECM Sec. 25: NW/4	TEXAS	28
33056000 59911000	LEASE - OIL AND GAS	ACCLURE HIS	PANHANDLE EASTERN PIPE LINE COMPANY	3/3/1945	251	387	Ng	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	N9	12ECM	31	6N12ECM31	6N-12ECM Sec. 31: N/2	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	Ng	12ECM	31	6N12ECM31	6N-12ECM Sec 31: 5/2	TEXAS	28
N/A	LEASE - OIL AND GAS	GORDON QUILTER AND HIS WIFE RUTH M QUILTER	WALTER KUHN	6/18/1954	252	278	9N	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	CITIES SERVICE OIL COMPANY	6/22/1943	244	173	8N	12ECM	32	6N12ECM32	6N-12ECM Sec. 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	N9	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	en	12ECM	32	6N12ECM32	6N-12ECM Sec 32: N/2 NE/4; SE/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	en	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	6N	12ECM	34	6N12ECM34	6N-12ECM Sec. 34: 5/2	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	334	6N	12ECM	34	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	en	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	JE WOOD	3/25/1946	260	175	6N	12ECM	36	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	6N	13ECM	17	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	8/27/1943	244	417	6N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19: SW/4	TEXAS	28

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County Footnote	TEXAS 28	TEXAS 28																						
	6N-13ECM Sec. 19: NE/4	6N-13ECM		60-13ECM Sec. 27: NE/4	0.0	66-12-10-10-10-10-10-10-10-10-10-10-10-10-10-	6-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	6-0-1-20-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-		6-0-1-20-00 Sec. 27: NBC 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 6N-13ECM 5ec. 20: SW/4 6N-13ECM 6N-13ECM 6N-13ECM 5ec. 20: SW/4 6N-13ECM	60-11-11-11-11-11-11-11-11-11-11-11-11-11	60.1.2.0.0.1 Sec.27.18EA 60.13ECM 60.13ECM 61.13ECM 60.13ECM 60.13ECM	60.1.2.20 60.1.2.20 Sec. 27. NBC 60.1.28CM 60.1.28CM 60.1.28CM	60.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	60.1.1.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1	60.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	60.1.1.10 60.1.1.10 566.27.1.NEA 60.1.13ECM 566.27.1.NEA 60.1.13ECM 60.1.13ECM 60.1.13ECM	60.1.1.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1.0.1	60.1.2.ECM 60.1.2.ECM 60.1.2.ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 56c.20.1.8ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 56c.30.5W/4 60.1.2ECM 60.1.2ECM 60.1.2ECM 56c.30.5W/4 60.1.2ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 60.1.2ECM 61.12ECM 60.1.2ECM 61.12ECM 60.1.2ECM 61.12ECM 60.1.2ECM 61.13ECM 60.1.3ECM 61.13ECM 60.1.3ECM 61.13ECM 60.1.3ECM 61.13ECM 60.13ECM 61.13ECM 60.13ECM	Sec. 20: NECM Sec. 20: NECM Sec. 20: NECM 6N: JBECM Sec. 20: NECM Sec. 20: NECM Sec. 20: NECM Sec. 20: NECM Sec. 20: SW4 Sec. 20: S	60.1.1.10 56.2.2).18CM 60.1.13ECM 60.13ECM 60.13ECM 60.13ECM	Sec. 20: ECM Sec. 20: ECM Sec. 20: NECM 6N: J3ECM Sec. 20: NECM 6N: J3ECM Sec. 20: NECM 6N: J3ECM Sec. 20: SW4 6N: J3ECM Sec. 30: SW4 6N: J3ECM </td <td>6N-13ECM 6N-13ECM 6N-13ECM 5ec. 27:NE4 5ec. 27:NE4 6N-13ECM 5ec. 28:NC4 6N-13ECM 5ec. 28:NC4 6N-13ECM 5ec. 29:NC4 5ec. 20:SW/4 5ec. 20:SW/4 5ec. 20:SW/4 6N-13ECM 5ec. 20:SW/4 <td< td=""><td>60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM<</td></td<></td>	6N-13ECM 6N-13ECM 6N-13ECM 5ec. 27:NE4 5ec. 27:NE4 6N-13ECM 5ec. 28:NC4 6N-13ECM 5ec. 28:NC4 6N-13ECM 5ec. 29:NC4 5ec. 20:SW/4 5ec. 20:SW/4 5ec. 20:SW/4 6N-13ECM 5ec. 20:SW/4 <td< td=""><td>60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM<</td></td<>	60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.125CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM 60.126CM<
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			11/1/1944	2/10/1943	1/6/1937	12/9/1950	-	12/22/1950																
JOE E DENHAM FRANK PARKES	FRANK PARKES		REPUBLIC NATURAL GAS COMPANY	CITIES SERVICE OIL COMPANY	FRANK PARKES		R E CRAWFORD	R E CRAWFORD R E CRAWFORD	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	R E CRAWFORD R E CRAWFORD JM KESSLER, KENNETH A ELLISON AND LEO J PORTMAN JM KESSLER, KENNETH A ELLISON JM KESSLER, KENNETH A ELLISON JM KESSLER, KENNETH A ELLISON	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	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 J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD R E CRAWFORD	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R ESSLER, KENNETH A ELLISON AND LEO J PORTMAN	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMANN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON CITES SERVICE OL COMPANY JOE E, DENHAM	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN O CITIES SERVICE OL COMPANY R E CRAWFORD R E CRAWFORD R E CRAWFORD	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON R CRAWFORD M CITTES SERVICE OL COMPANY R E CRAWFORD R E CRAWFORD R E CRAWFORD	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETHA ELLISON AND LEO J PORTMAN J M KESSLER, KENNETHA ELLISON AND LEO J PORTMAN J K KESSLER, KENNETHA ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETHA ELLISON AND LEO J PORTMAN D J M KESSLER, KENNETHA ELLISON R E CRAWFORD R E CRAWFORD	R E CRAWFORD A MESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN AND LEO J PORTMAN AND LEO J PORTMAN AND LEO J PORTMAN CITIES SERVICE OL COMPANY R E CRAWFORD R E	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J M CITTES SERVICE OL COMPANY R E CRAWFORD R COMPANY JOE E, DENHAM	R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN N KESSLER, KENNETH A ELLISON J K KESSLER, KENNETH A ELLISON J K KESSLER, KENNETH A ELLISON AND LEO J PORTMAN J K KESSLER, KENNETH A ELLISON J K KESSLER, KENNETH A ELLISON AND LEO J PORTMAN N AND LEO J PORTMAN J K KESSLER, KENNETH A ELLISON AND LEO J PORTMAN D F C RAWFORD R E CRAWFORD R E	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN JM KESSLER, KENNETH A ELLISON AND LEO J PORTMAN JM KESSLER, KENNETH A ELLISON AND LEO J PORTMAN R E CRAWFORD J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN JOE E. DENHAM CITTES SERVICE OIL COMPANY R E CRAWFORD PANHANDLE CANFORD R E CRAWFORD R E CRAWFORD R E CRAWFORD R E CRAWFORD R E CRAWFORD R E CRAWFORD CITTES SERVICE OIL COMPANY CITTES SERVICE OIL COMPANY CITTES SERVICE OIL COMPANY	R E CRAWFORD R E CRAWFORD J M KESSLER, KENNETH A ELLISON J M KESSLER, KENNETH A ELLISON AND LEO J PORTMANN J M KESSLER, KENNETH A ELLISON AND LEO J PORTMANN AND LEO J PORTMANN AND LEO J PORTMANN AND LEO J PORTMANN D E E DENHAM J M KESSLER, KENNETH A ELLISON AND LEO J PORTMANN D E E DENHAM OTTES SERVICE OL COMPANY R E CRAWFORD P ANHANDLE E ASTERN PIPE LINE COMPANY CITTES SERVICE OL COMPANY CITTES SERVICE OL COMPANY
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Exhibit A - Leases to Assignment, Conveyance

Agreement #	Agreement Type		Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
85512000	LEASE - OIL AND GAS	KATHERINE DEEDS AND JOE M DEEDS J HUSBAND AND WIFE	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	12/21/1946	252	144	6N	13ECM	7	6N13ECM7	6N-13ECM Sec. 7: Lot 1	TEXAS	28
33217000	LEASE - OIL AND GAS	ANTONIO E MCADAM AND DENA B MCADAM HIS WIFE	REPUBLIC NATURAL GAS COMPANY	11/3/1944	251	237	6N	17ECM	28	6N17ECM28	6N-17ECM Sec. 28: SE/4	TEXAS	28
33225000	LEASE - OIL AND GAS	JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD LIVING TRUST UNDER AGREEMENT DATED DECEMBER 22, 1995	R D DAVIS & ASSOCIATES INC	12/20/2001	1046	316	N9	19ECM	п	6N19ECM11	6N-196CM Sec. 11: Lot: 1, 2, 3, 4; S7. SE/4; SE/4 SW/4; SW/4 SW/4	TEXAS	28
33224000	LEASE - OIL AND GAS	JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD LIVING TRUST UNDER AGREEMENT DATED DECEMBER 22, 1995	R D DAVIS & ASSOCIATES INC	12/20/2001	1046	318	Ng	19ECM	14	6N19ECM14	6N-196CM Sec. 14: NW/4	TEXAS	28
33087003	LEASE - OIL AND GAS	CECIL APSLEY AND EMMA APSLEY HIS WIFE	ANADARKO PRODUCTION COMPANY	11/3/1978	546	312	6N	19ECM	24	6N19ECM24	6N-19ECM Sec. 24: SE/4	TEXAS	28
33087001	LEASE - OIL AND GAS	ELMER A APSLEY ET UX	ANADARKO PRODUCTION COMPANY	11/3/1978	546	309	6N	19ECM	24	6N19ECM24	6N-19ECM Sec. 24: SE/4	TEXAS	28
31731000	LEASE - OIL AND GAS	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LIVING TRUST DATED DECEMBER 21, 1995	MICHAEL D LEONHART	6/17/1998	572	96	N9	19ECM	26	6N19ECM26	6N-19ECM Sec. 26: N/2 NE/4; S/2 NE/4	TEXAS	28
31753000	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILE RADKE HIS WIFE AKA M LUCILLE RADKE	ANADARKO PRODUCTION COMPANY	11/16/1977	480	122	6N	ZOECM	31	6N20ECM31	6N-20ECM Sec. 31: Lots 1 & 2: NE/4 NW/4	BEAVER	e
3225000	LEASE - OIL AND GAS	THE PEOPLES BANK, PRATT, KANSAS, TRUSTEE OF THE HERBERT T RANDLE TRUST DATED 2/10/82	TEXOMA LAND CONSULTANTS INC	9/18/1998	1014	393	9N	20ECM	32	6N20ECM32	6N-20ECM Soc. 32: E/2 NW/4	BEAVER	ε
32114000	LEASE - OIL AND GAS	ESSIE A NICKLE HAMM AND ROBERT E HAMM HER HUSBAND	W M BRYAN INC	3/24/1975	427	6	6N	20ECM	33	6N20ECM33	6N-20ECM Sec. 33: NE/4	BEAVER	ю
32113000	LEASE - OIL AND GAS	OTTO DALE AND ESTHER DALE HIS WIFE	W M BRYAN INC	3/20/1975	427	9	8N	ZOECM	33	6NZ0ECM33	6N-20ECM Soc. 33: SW/4	BEAVER	Э
32115000	LEASE - OIL AND GAS	S HELEN WOOD A WIDOW	W M BRYAN INC	3/24/1975	427	404	6N	20ECM	33	6N20ECM33	6N-20ECM Sec. 33: NW/4	BEAVER	e
32107000	LEASE - OIL AND GAS	GEORGE L WINDSOR AND ANNA WINDSOR HIS WIFE	W M BRYAN INC	3/21/1975	427	m	6N	ZOECM	34	6N20ECM34	6N-20ECM Sec 34: SW/4	BEAVER	m
32108000	LEASE - OIL AND GAS	HARRY BULLER & RUBENA BULLER HIS WIFE AND WILLIAM SCHROEDER & MARIA SCHROEDER HIS WIFE AND DAVE SCHROEDER & LEONA SCHROEDER HIS VIVIE	W M BRYAN INC	4/7/1975	429	299	9N	ZOECM	34	6N20ECM34	6N-20ECM Sec. 34: NE4	BEAVER	m
32133000	LEASE - OIL AND GAS	HARRY BULLER AND PUBENA BULLER HIS WIFE	JESS HARRIS JR	2/19/1975	424	484	N9	ZOECM	34	6N20ECM34	6N-20ECM Sec. 34: NW/4	BEAVER	в
32059000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E A AND JESSIE	DINARDO & MARKHAM	1/30/1987	738	56	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10: Lot 1 & Lot 2: S/2 SE/4	BEAVER	m
32059000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	1/30/1987	738	58	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10: Lot 1 & Lot 2: S/2 SE/4	BEAVER	ю
32058000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	1/30/1987	738	63	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10: Lot 3 & Lot 4; S/2 SW/4	BEAVER	m
32032000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	461	8N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15: SE/4	BEAVER	ю
32033000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	456	Ng	23ECM	15	6N23ECM15	6N-23ECM Sec 15: NW/4	BEAVER	ю
32035000	OPTION AGREEMENT- OIL AND GAS	. RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	449	6N	23ECM	15	6N23ECM15	6N-23ECM Sec 15: SW/4	BEAVER	ю
32035000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	451	N9	23ECM	15	6N23ECM15	6N-23ECM Sec. 15: SW/4	BEAVER	ю
32034000	OPTION AGREEMENT- OIL AND GAS		DINARDO & MARKHAM	4/23/1986	713	464	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15: NE/4	BEAVER	m
32034000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	466	8N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15: NE/4	BEAVER	m

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County	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	BEAVER	GRANT	TEXAS	TEXAS	TEXAS	TEXAS	TEXAS	BEAVER
Legal Description	6N-23ECM Sec 16: SE/4	6N-23ECM Sec. 16: NE/4	6N-23ECM Sec. 16: SW/4	6N-23ECM Sec 16: SW/4	6N-23ECM Sec 16: NW/4	6N-23ECM Sec 16: NW/4	6N-23ECM Sec. 23: NE/4	6N-23ECM Sec 23: SE/4	6N-23ECM Sec 23: SE/4	6N-23ECM Sec 23: NW/4	6N-23ECM Sec 23: NW/4	6N-23ECM Sec 23: SW/4	6N-23ECM Sec 23: NW/4	6N-Z3ECM Sec 23: NW/4	6N-23ECM Sec. 9: Lot 3 & Lot 4: S/2 SW/4	6N-23ECM Sec. 9: Lot 1 & Lot 2; S/2 SE/4	30S-35W SEC. 23: NE/4	4N-13ECM SEC 11: ALL	4N-13ECM SEC 14: ALL	4N-13ECM SEC 16: ALL	4N-13ECM SEC 17: ALL	4N-13ECM SEC 18: ALL	4N-21ECM SEC. 16: ALL
Concatenate	6N23ECM16	6N23ECM16	6N23ECM16	6N23ECM16	6N23ECM16	6N23ECM16	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM23	6N23ECM9	6N23ECM9	30S35W23	4N13ECM11	4N13ECM14	4N13ECM16	4N13ECM17	4N13ECM18	4N21ECM16
Section	16	16	16	16	16	16	53	23	23	53	23	53	53	53	ი	თ	23	11	14	16	17	18	16
Range	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	23ECM	35W	13ECM	13ECM	13ECM	13ECM	13ECM	21ECM
Township	6N	9N	9N	6N	N9	6N	N9	Ng	Ng	Ng S	6N	Ŋ	Zg	Ŋ	6N	8N	305	N4	N4	4N	N4	N4	ÅN
Page	476	471	563	565	558	560	483	487	491	N/A	495	499	N/A	N/A	434	439	137	231	231	231	231	231	30
Book	713	713	714	714	714	714	713	713	713	N/A	713	713	N/A	N/A	713	713	74	233	233	233	233	233	1070
Date	4/23/1986	4/23/1986	5/27/1986	5/27/1986	5/27/1986	5/27/1986	4/25/1986	4/23/1986	4/24/1986	12/16/1986	4/23/1986	4/23/1986	12/16/1986	12/16/1986	4/23/1986	4/23/1986	2/1/1993	12/1/1943	12/1/1943	12/1/1943	12/1/1943	12/1/1943	9/26/2001
Original Lessee	DINARDO & MARKHAM	DINARDO & MARKHAM	DINARDO & MARKHAM	DINARDO & MARKHAM	ANADARKO PETROLEUM CORPORATION	DINARDO & MARKHAM	DINARDO & MARKHAM	ANADARKO PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	DINARDO & MARKHAM	DINARDO & MARKHAM	ANADARKO PETROLEUM CORPORATION	CITIES SERVICE OIL COMPANY	GREEN RIVER EXPLORATION									
Original Lessor	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	CLEBERNE C ELLIOT A WIDOWER	FRANK ORLIN NICHOLS AKA FRANK NICHOLS AND MARLENE M NICHOLS HUSBAND AND WIFE	GENE NICHOLS AND VIVIAN NICHOLS HUSBAND AND WIFE	GERALDA M TRAPP AND C STRAPP CO- TRUSTEES OF THE M E TRAPP JR REVOCABLE LIFETIME TRUST, EXECUTED 10-31-75	JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE	JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE AND FERN RADCLIFF A WIDOW	LOCHBUE LTD PRTNRSHP LOUCHBUE INC	THE RESERVE PETROLEUM CO	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	MESA OPERATING LTD PARTNERSHIP	INTER-STATE CATTLE LOAN CO	VICTORY PRODUCTION LLC				
Agreement Type	LEASE - OIL AND GAS	LEASE - OIL AND GAS	OPTION AGREEMENT- OIL AND GAS	LEASE - OIL AND GAS	OPTION AGREEMENT- OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	LEASE - OIL AND GAS	LEASE - OIL AND GAS	FORCE POOLED INTEREST	FORCE POOLED INTEREST	LEASE - OIL AND GAS	LEASE - OIL AND GAS	TERM MINERAL DEED	MINERAL DEED	MINERAL DEED	MINERAL DEED	MINERAL DEED	MINERAL DEED	LEASE- OIL AND GAS
Agreement #	32030000	32031000	32038000	32038000	32039000	32039000	32025000	32028001	32028002	32027004	32027001	32026000	32027003	32027002	32036000	32037000		60432000	60432000	60432000	60432000	60432000	

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Agreement #	# Agreement Type	Original Lessor	Original Lessee	Date	Book	Pade	Township	Rande	Section	Concatenate	Legal Description County Foo	Footnote
	3	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	4N-21ECM BEAVER	m
	LEASE- OIL AND GAS	THOMAS G. BLAKEMORE TRUST	GREEN RIVER EXPLORATION	9/26/2001	1070	35	4N	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	4N	21ECM	16	4N21ECM16	4N-216CM BEAVER SEC. 16: ALL	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	11	3N21ECM12	3N-21ECM SEC. 12: NE44; NW/4; SE45; SW/4 LESS AND EXCEPT A SQUARE ONE ACRE TRACT IN THE NORTH-WEST CORNER OF THE NW/4	m
					8	FOOTNOTES						
H	INSOFAR AND ONLY INSC (PANHANDLE EASTERN PI	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW (PANHANDLE EASTERN PIPELINE COMPANY GOING NO. 2 SEC 35 32S-43W).	3ELOW THE BASE OF THE MISSOUN: -41W).	IAN FORMATION AS	DEFINED BY	THE BASE O	F THE PLEAS	NUTION SHAL	E WHICH OC	CURS AT 4,240 F.	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE MISSOUNIAN FORMATION AS DEFINED BY THE BASE OF THE PLEASANTION SHALE WHICH OCCURS AT 4,240 FT ON THE KANSAS GEOLOGICAL SOCIETY TYPE LOG FOR MORTON COUNTY, KS 1966 (PANHANDLE EASTERN PIPELINE COMPANY GOING NO. 2 SEC 35 32-4,14/).	66
и	INSOFAR AND ONLY INSC GEOLOGICAL SOCIETY TY	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS THE RIGHTS BELOW THE TOP OF THE WABAUNSEE GROUP WHICH OCCURS AT 3.352 FT ON THE AVALON ENERGY CUUSSON #3 7 (API 15.18 GEOLOGICAL SOCIETY TYPE LOG FOR THE STEVENS, GRANT, SEWARD AND HASKELL COUNTIES 1966 (MOBIL UNITED PRODUCTION WM I CUTTER NO. 1 SEC 1, T31S R36W STEVENS COUNTY KANSAS).	TS BELOW THE TOP OF THE WABA D AND HASKELL COUNTIES 1966 (M	UNSEE GROUP WH	ICH OCCURS	AT 3,352 FT I CUTTER NC	ON THE AVA	LON ENERGY S R36W STEV	/ENS COUN	7 (API 15 189 213 IY KANSAS).	INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS THE RIGHTS BELOW THE TOP OF 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 LOG FOR THE STEVENS GRANT, SEWARD AND HASKELL COUNTES 1366 (MOBIL UNITED PRODUCTION WM I CUTTER NO. 1 SEC 1, T31S R36W STEVENS COUNTY KANSAS).	S
m	INSOFAR AS AND ONLY IN	VSOFAR AS SAID CONTRACT COVERS RIGHT	IS BELOW THE BASE OF THE CHASE	: GROUP, WHICH O	CURS AT 26	BO FT. IN THE	CROSS TIMB	ERS OPERATI	NG CO. TAR	RANT #2-22 (API #	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	
4	SAID LEASE EXCLUDES AI	SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR TH	HTS TO PRODUCE FROM OR THROU	ROUGH, THE FRANZ 1-9 WELL (API #3500722103) LOCATED IN SECTION 9-5N-21ECM, BEAVER COUNTY, OKLAHOM	WELL (API #	3500722103) LOCATED IN	SECTION 9-5	N-21ECM, B	EAVER COUNTY, C	WOHAN	
ъ	FOOTNOTE #5- SAID LEAS	FOOTNOTE #5- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU		ROM OR THROUGH.	THE JOHNSC	N D-1 WELL	. (API #350072	24810) LOCAT	ED IN SECTI	ON 2-4N-21ECM, I	CE FROM OR THROUGH, THE JOHNSON D-1 WELL (API #3500724810) LOCATED IN SECTION 2-4N-21ECM, BEAVER COUNTY, OKLAHOMA	
و	FOOTNOTE #6- SAID LEAS	FOOTNOTE #6- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODU	ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	דאב נונטפ א	/ELL (API #35	500722976) LI	DCATED IN SE	CTION 21-3	N-22ECM, BEAVEF	CE FROM OR THROUGH, THE LILLIE WELL (API #3500722976). LOCATED IN SECTION 21-3N-22ECM, BEAVER COUNTY, OKLAHOMA	
2	FOOTNOTE #7- SAID LEAS	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 (A	Pl #35007216	43) LOCATED	IN SECTION	10-5N-20ECM, BE	AVER COUNTY, OKLAHOMA	
ω	FOOTNOTE #8- FORCE POOLED INTEREST ONLY	JOLED INTEREST ONLY										
6	FOOTNOTE #9- SAID LEAS	FOOTNOTE #9- SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODU	ST TO, AND RIGHTS TO PRODUCE FI	ROM OR THROUGH.	THE JOHNSC	IN CT WELL	(API #350072-	4330) LOCATE	ED IN SECTIO	JN 23-5N-21ECM,	CE FROM OR THROUGH, THE JOHNSON C1 WELL (API #3500724330) LOCATED IN SECTION 23-5N-21ECM, BEAVER COUNTY, OKLAHOMA	
10	FOOTNOTE #10- SAID LEA	FOOTNOTE #10- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODI		FROM OR THROUG	4, THE WIND!	SOR C 1 WEL	L (API #35007	724065) LOCA	TED IN SEC	TION 9-5N-20ECM.	JCE FROM OR THROUGH, THE WINDSOR C 1 WELL (API #3500724065) LOCATED IN SECTION 9-5N-20ECM. BEAVER COUNTY. OKLAHOMA	
11	LESS AND EXCEPT THE B. ORDER NO. 410690 (CAUS	J POOL ENHANCED RECOVERY UNIT, FORME. SE CD NO. 960002866) ISSUED BY THE CORF	D AND GOVERNED BY THAT CERTA	IN PLAN OF UNITIZA ATE OF OKLAHOMA.	TION FOR TH	IE DEVELOPA	MENT AND OF	ERATION OF	THE BJ POOI	- ENHANCED RECC	LESS AND EXCEPT THE BJ POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITZATION FOR THE DEVELOPMENT AND OPERATION OF THE BJ POOL ENHANCED RECOVERY UNIT, BEAVER COUNTY, OKLAHOMA, EFFECTIVE AS OF MAY 1, 1997, AS DEFINED IN ORDER NO. 410699 (CAUSE OF NO. 360002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA.	FINED IN
12	LIMITED TO THE MORROV STRATIGRAPHIC EQUIVAL	W FORMATION AS ENCOUNTERED BETWEEN LENTS THEREOF AS DEFINED IN THE DIL-SFL	V THE DEPTHS OF 6504' AND 6888'	BELOW THE SURFA	CE AND THE W OF SECTIC	STRATIGRAF IN 31-4N-22	PHIC EQUIVAL ECM.	ENTS THERE(DF AND THE	ENTIRE CHESTER	LIMITED TO THE MORROW FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6504 AND F48 SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AS DEFINED IN THE DIL-SRL LOG OF THE LEROY 1-31 WELL LOCATED IN THE SW SW OF SECTION 31-4N-22EGM.	тне
13	LIMITED IN DEPTH FROM 22ECM.	LIMITED IN DEPTH FROM BELOW THE BASE OF THE CHASE FORMATION AS DEFINED IN FOOTNOTE 3 22ECM.		THE BASE OF THE C	HESTER FOR	MATION WH	IICH IS ENCOL	INTERED 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 HI	ITCH UNIT WELLS CONVEYED TO CISCO OP	ERATING, LLC IN THAT CERTAIN AS!	SIGNMENT, CONVEY	ANCE AND B	ILL OF SALE	DATED JULY 3	I, 2010 REECC	RDED IN VC	JLUME 632, PAGE I	LESS AND EXCEPT THE HITCH UNIT WELLS CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT. CONVEYANCE AND BILL OF SALE DATED JULY 1. 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS	
15	LESS AND EXCEPT THE G COUNTY, KANSAS	UTTRIDGE F3 WELL AND THE ETZOLD UNIT :	SOUTH 5-4 AND 4-3 WELLS CONVE	YED TO CISCO OPE	ATING, LLC I	N THAT CER	TAIN ASSIGN	MENT, CONVE	YANCE AND	BILL OF SALE DA	LESS AND EXCEPT THE GUTTRIDGE F3 WELL AND THE ETZOLD UNIT SOUTH 5-4 AND 4-3 WELLS CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT. CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS	WARD

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16	LESS AND EXCEPT THE MAXWELL	LESS AND EXCEPT THE MAXWELL B-2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERT		ASSIGNMENT, CONVE	YANCE AND BI	ILL OF SALE D	ATED JULY 1, 2	010 REECORD	ED IN VOLUN	IE 632, PAGE 801 OF THE REI	AIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS		
11	LESS AND EXCEPT THE BROWN A	APC B-1 WELL CONVEYED TO CISCO OF	PERATING, LLC IN THAT CERTAI	N ASSIGNMENT, CONN	FYANCE AND	BILL OF SALE	DATED JULY 1	. 2010 REECOF	SDED IN VOLL	JME 632, PAGE 801 OF THE F	LESS AND EXCEPT THE BROWN APC B-1 WELL CONVEYED TO CISCO OPERATING. LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS		
18	LESS AND EXCEPT THE MCGILL A :	2-10 AND A 3-10 WELLS CONVEYED T	TO CISCO OPERATING, LLC IN TH	AT CERTAIN ASSIGNN	AENT, CONVEY	ANCE AND BI	ILL OF SALE DA	TED JULY 1, 20	110 REECORD	DED IN VOLUME 632, PAGE 80	LESS AND EXCEPT THE MCGILL A 2-10 AND A 3-10 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS	CANSAS	
19	LESS AND EXCEPT THE ALEXANDE	LESS AND EXCEPT THE ALEXANDER A2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CER		ASSIGNMENT, CONVE	YANCE AND B	ILL OF SALE C	DATED JULY 1.	2010 REECORC		ИЕ 632, РАGE 801 ОF THE RE	'AIN 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 GUTTRIDG	LESS AND EXCEPT THE GUTTRIDGE 2B WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERT		ASSIGNMENT, CONVE	YANCE AND BI	ILL OF SALE D	ATED JULY 1, 2	010 REECORDI	ED IN VOLUM	IE 632, PAGE 801 OF THE REC	AIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS		
21	LESS AND EXCEPT THE LENEHAN.	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	ATING, LLC IN THAT CERTAIN A	SSIGNMENT, CONVEY	ANCE AND BIL	L OF SALE DA	VTED JULY 1, 20	10 REECORDE	D IN VOLUME	E 632, PAGE 801 OF THE REC	ORDS OF SEWARD COUNTY, KANSAS		
22	LESS AND EXCEPT THE MAYBERR	LESS AND EXCEPT THE MAYBERRY 8-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERT	ERATING, LLC IN THAT CERTAIN .	ASSIGNMENT, CONVE	YANCE AND B.	ILL OF SALE D	ATED JULY 1, 2	1010 REECORD	ED IN VOLUN	4E 264, PAGE 559 OF THE RE	'AIN 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	LESS AND EXCEPT THE NORDIKE 1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN		IGNMENT, CONVEYAN	CE AND BILL C	JF SALE DATE	D JULY 1, 2010	REECORDED II	N VOLUME 26	54, PAGE 559 OF THE RECOR	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	LESS AND EXCEPT THE BANE 1-H WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN A	NG, LLC IN THAT CERTAIN ASSIG	SNMENT, CONVEYANC	E AND BILL OF	SALE DATEC) JULY 1, 2010 F	RECORDED IN	I VOLUME 26	4, PAGE 559 OF THE RECORD	SSIGNMENT, 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 MOORHEA	AD D-1 WELL CONVEYED TO CISCO OP	SERATING, LLC IN THAT CERTAIN	ASSIGNMENT, CONV	EYANCE AND I	BILL OF SALE	DATED JULY 1,	2010 REECORI	DED IN VOLU	ME 264, PAGE 559 OF THE R	LESS AND EXCEPT THE MOORHEAD D-1 WELL CONVERED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 REECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS		
26	SAID LEASE EXCLUDES ALL RIGHT	SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH. THE BOALDIN B WELL (API #3513922569) LOCATED IN SECTION 16-6N-10ECM, TEXAS COUNTY, OKLAHOMA	IS TO PRODUCE FROM OR THRO	NIGH, THE BOALDIN B	WELL (API #3	513922569) L	OCATED IN SE	CTION 16-6N-1	10ECM, TEXA	S COUNTY, OKLAHOMA			
27	SAID LEASE EXCLUDES ALL RIGHT	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	IS TO PRODUCE FROM OR THRO	исн, тне окганоми	A STATE 1 2 W	'ELL (API #351	(3921276) LOC	ATED IN SECTI	ION 36-6N-12	LECM, TEXAS COUNTY, OKLA	НОМА		
28	INSOFAR AS AND ONLY INSOFAR	LAS SAID CONTRACT COVERS RIGHTS I	BELOW THE BASE OF THE CHAS	SE GROUP. WHICH OC	CURS AT 2680	D FT. IN THE C	ROSS TIMBERS	OPERATING C	O. TARRANT	#2-22 (API #3513922839) IN	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	(LAHOMA	
29	SAID LEASE EXCLUDES ALL RIGHT	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	IS TO PRODUCE FROM OR THRO	JUGH, THE OGLE 1 WE	LL (API #3513:	935676) LOCA	ATED IN SECTIC	NN 11-5N-12EC	CM, TEXAS CC	JUNTY, OKLAHOMA			
ОE	SAID LEASE EXCLUDES ALL RIGHT	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	IS TO PRODUCE FROM OR THRO	JUGH, THE SHIELDS W	'ELL (API #351.	321555) LOC/	ATED IN SECTIO	0N 5-4N-14EC	M, TEXAS CO	UNTY, OKLAHOMA			
31	SAID LEASE EXCLUDES ALL RIGHT	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	IS TO PRODUCE FROM OR THRO	JUGH, THE BONNER A	WELL (API #3!	513921121) Li	OCATED IN SE(TTION 9-4N-14	LECM, TEXAS	COUNTY, OKLAHOMA			
32	SAID LEASE EXCLUDES ALL RIGHT	SAID LEASE EXCLUDES ALL RIGHT. TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR	IS TO PRODUCE FROM OR THRO	JUGH, THE INTERSTAT	E H WELL (API	I #351393005	2) LOCATED IN	SECTION 7-4h	4-14ECM. TEX	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	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	IS TO PRODUCE FROM OR THRO	JUGH, THE RICH A #21	VELL (API #35	(13924107) LC	CATED IN SEC	TION 1-3N-12I	ECM. TEXAS (COUNTY, OKLAHOMA			
35	SAID LEASE EXCLUDES ALL RIGHT	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	IS TO PRODUCE FROM OR THRC	JUGH, THE SHAFFER N	1 #1 WELL (API	#351392412	5) LOCATED IN	SECTION 13-4	tN-12ECM, TE	EXAS COUNTY, OKLAHOMA			

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36	SAID LEASE EXCLUDES ALL R	RIGHT, TITLE AND INTEREST TO, AND RIG	GHTS TO PRODUCE FROM OR THROUG	H, THE CLAWSON A	#1 WELL (AP.	ין #35139211	119) AND THE	REUST B-1 M	VELL (API #3	SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE CLAWSON A #1 WELL (API #3513921119) AND THE REUST B-1 WELL (API #3513922729) LOCATED IN SECTION 5-3N-14ECM, TEXAS COUNTY, OKLAHOMA	
37	INSOFAR AND ONLY INSOFAR RECOVERY UNIT, COUNTY OF CORPORATION USA AC NO. 1 FOUND AT A DEPTH OF 5,463 INTERVAL.	RA STHE LEASE OR AGREEMENT IS INCL F MORTON. STATE OF CANSAS, ENTERED 1 WELL LOCATED IN THE NE/A NW/4, OF 3 FEET AS SHOWN ON THE HALLIBURTOI	LUDED WITHIN THE STIRRUP ENHANC D INTO AS OF THE 31ST DATE OF JANU F SECTION 11, TOWNSHIP 33 SOUTH, F SN DUAL INDUCTION LATERALOG DAT	ED RECOVERY UNIT ARY, 2003. THE UN VANGE 40 WEST, MC ED DECEMBER 1, 19	FORMED AND TIZED INTERV RTON COUNT 32. ASSIGNOF	D GOVERNEL AL FOR THE TY KANSAS, ' R IS RETAINII	D BY THAT CE STIRRUP EN WITH THE TO ING ALL NON-	RTAIN UNIT A HANCED RECI P OF THE UNI UNITIZED AGI	AGREEMENT OVERY UNIT ITIZED FORM REEMENTS,	INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE STRRUP ENHANCED RECOVERY UNT. FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITATION FOR THE DEVELOPMENT AND OPERATION OF THE STIRRUP ENHANCED CORROCATION CONTROL ON THE ADDATED FOR ADDATED	M S G
38	INSOFAR AND ONLY INSOFAF DECEMBER 1, 2003; CERTIFIC, UNITIZED IS THAT PORTION C AGREEMENTS, WELLS AND IN	INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE EUBANK N DECEMBER 1, 2003: CERTIFICATE OF KANSAS CORPORATION COMMISSION AS TO ESTABLISHNENT UNITIZED IS THAT PORTION OF THE MORROW FORMATION ENCOUNTERED BETWEEN THE DEFTHS AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEFTHS FROM THE SUFFACE TO THE TOP	LUDED WITHIN THE EUBANK NORTH U IISSION AS TO ESTABLISHMENT OF A U ITREED BETWEEN THE DEPTHS OF 5.1. YOM THE SURFACE TO THE TOP OF THE	ORTH UNIT, FORMED AND GC OF A UNIT AREA UNDER UNI OF 5,130 AND 5,334 FEET AN OF THE UNITIZED INTERVAL	SOVERNED BY VITIZATION OI ND THAT PO	THAT CERT RDER, DOCK RTION OF TH	'AIN UNIT AGF CET NO. 04-CO HE CHESTER F	REMENT ANI INS-049 CUNI ORMATION E	D PLAN OF L I, DATED DEI NCOUNTERI	NSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE EUBANK NORTH UNIT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITATION FOR THE DEVELOPMENT AND OF THE EUBANK NORTH UNIT, AND FEFECTIVE AS OF DECEMBER 1, 2003; EERTIFICATE OF KANSAS CORPORATION COMMISSION AS TO ESTABLISHMENT OF A UNIT AREA UNDER UNITATION ORDER, DOCKET NO. 04-CONS-049 CUNI. DATED DECEMBER 1, 2003; EERTIFICATE OF KANSAS CORPORD IN YOLUME 158, FAGKEL CUUNT, KANSAS. THE FORMATION UNITZED IS THAT PORTION OF THE MORROW FORMATION ENCOUNTERED BETWEEN THE DEFINIS OF 5,130 AND 5,334 FEET AND 5,334 FEET AND THAT PORTION OF THE CHESTER FORMATION OF THE MORROW FORMATION ENCOUNTERED BETWEEN THE DEFINIS OF 3,334 FEET AND 5,344 FEET AND 1,334 FEET AND 5,344 FEET AND 1,001,001,001,001,001,001,001,001,001,0	VE AS C ATION IZED
39	LESS AND EXCEPT ALL RIGHT PAGE 605, BOOK 316 ON PAG	LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN IN THE FOLLOWING DEED OF CONVEYANCE AND ASSIGNME PAGE 605, BOOK 316 ON PAGE 247, BOOK 323 ON PAGE 556, BOOK 326 ON PAGE 513 IN THE RECORDS OF FINNEY COUNTY, KANSAS	014 IN IN THE FOLLOWING DEED OF CC 326 ON PAGE 513 IN THE RECORDS OF	INVEYANCE AND AS	SIGNMENT A.	ND BILL OF	SALE FROM O	XY USA WTP	LP, ET AL, A	LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1. 2014 IN IN THE FOLLOWING DEED OF CONVEYANCE AND ASIGNMENT AND BILL OF SALE FROM OXY USA WTP LP, ET AL, AS SELLER, AND MERIT HUGOTON, LP., AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 315 ON PAGE 605, BOOK 323 ON PAGE 247, BOOK 323 ON PAGE 556, BOOK 326 ON PAGE 513 IN THE RECORDES OF FINNEY COUNTY, KANSAS.	al5 ON
40	LESS AND EXCEPT ALL RIGH1 PAGE 346, BOOK 261, AT PAG	LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN IN THE FOLLOWING DEEC PAGE 346, BOOK 251, AT PAGE 153, BOOK 270 AT PAGE 660, BOOK 270 AT PAGE 672, KEARNY COU	314 IN IN THE FOLLOWING DEED OF CONVEYA 270 AT PAGE 672, KEARNY COUNTY, KANSAS	INVEYANCE AND AS	SIGNMENT A	ND BILL OF	SALE FROM O	XY USA WTP	LP, ET AL, A	O OF CONVEYANCE AND ASSIGNMENT AND BILL OF SALE FROM OXY USA WTP LP, ET AL, AS SELLER, AND MENIT HUGOTON, LP, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 260 AT NTY, KANSAS	260 AT

Page 78 of 78

rtners LLC and BCE-Mach LLC
between PanHugoton Pa
Conveyance and Bill of Sale
Wells and Units to Assignment,
Exhibit A-1 -

TORONTO LOWER LOWER LOWER TORONTO TORONTO UPPER CHESTER DPER NERSER COUNCIL GROVE MORROW COUNCIL GROVE MORROW COUNCIL GROVE CHEROKE CONCIL GROVE CONNCIL GROVE CONNCIL GROVE CONNCIL GROVE DEEP CONNCIL GROVE CHASE CONNCIL GROVE DEEP CHASE GROUP CONNCIL GROVE CHASE GROUP CONNCIL GROVE CHASE GROUP DEEP CHASE GROUP CHASE GROUP CHASE GROUP CHASE GROUP CHASE GROUP CHASE GROUP	API	WELL NAME	WI BPO	NRI BPO	WI APO	NRI APO	ST CO	COUNTY S	SEC	TWP	RNG	QTR-QTR	Reservoir	OPERATOR
Constrain Constrain <t< td=""><td>3500723445</td><td>ADAMS H-1</td><td>1.00000</td><td>0.812500</td><td>SAME</td><td>SAME</td><td></td><td></td><td></td><td></td><td></td><td></td><td>TORONTO</td><td>PANTERA ENERGY COMPANY</td></t<>	3500723445	ADAMS H-1	1.00000	0.812500	SAME	SAME							TORONTO	PANTERA ENERGY COMPANY
Constration Distration Distration <thdistration< th=""> Distration Distrat</thdistration<>	3500723517	ADAMS I-1	1.000000	0.812500	SAME	SAME					23E		LOWER	PANTERA ENERGY COMPANY
Image: constraint of the	3500724044	ADAMS K-1	1.000000	0.812500	SAME	SAME					23E		LOWER	PANTERA ENERGY COMPANY
Amerikant Amerikant <t< td=""><td>3500724553</td><td>ADAMS M-1 (TORONTO)</td><td>1.000000</td><td>0.812500</td><td>SAME</td><td>SAME</td><td></td><td></td><td></td><td></td><td>23E</td><td></td><td>TORONTO</td><td>PANTERA ENERGY COMPANY</td></t<>	3500724553	ADAMS M-1 (TORONTO)	1.000000	0.812500	SAME	SAME					23E		TORONTO	PANTERA ENERGY COMPANY
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	3500724693	ADAMS M-2+G674	1.000000	0.812500	SAME	SAME						SE	TORONTO	PANTERA ENERGY COMPANY
Image: 1	3500724504	ADAMS N-1 (U CHESTER)	1.000000	0.812500	SAME	SAME					23E			PANTERA ENERGY COMPANY
Anomesi-1 Control Stated State	3500724640	ADAMS 0-1 (TORONTO)	1.000000	0.812500	SAME	SAME						SW	TORONTO	PANTERA ENERGY COMPANY
Incomession Distance	3500724734	ADAMS P-1	1.00000	0.812500	SAME	SAME						SW		PANTERA ENERGY COMPANY
Abundlent-Lit Duandlent-Lit Diamolent-Lit Diamolen	1517520868	ADAMSON 3-11	0.125000	0.098242	SAME	SAME					34W		MORROW	EDISON OPERATING COMPANY LLC
Answerts Example <	1517521475	ADAMSON 4-11	0.125000	0.098242	SAME	SAME					34W		CHESTER	EDISON OPERATING COMPANY LLC
Abonkorks, Abonkorks, Aller, cliender, Aller, clien	1517521536	ADAMSON 5-11	0.125000	0.098242	SAME	SAME					34W		CHESTER	EDISON OPERATING COMPANY LLC
ALL Constrain Cons	1517521753	ADAMSON A-5	0.750000	0.645117	SAME	SAME		D			34W		MORROW	PANTERA ENERGY COMPANY
Internet Description Description <thdescription< th=""> <thdescription< th=""> <t< td=""><td>3513920149</td><td>ALLEN C-1</td><td>1.000000</td><td>0.875000</td><td>SAME</td><td>SAME</td><td></td><td></td><td></td><td></td><td>13E</td><td></td><td>CHEROKEE 2</td><td>PANTERA ENERGY COMPANY</td></t<></thdescription<></thdescription<>	3513920149	ALLEN C-1	1.000000	0.875000	SAME	SAME					13E		CHEROKEE 2	PANTERA ENERGY COMPANY
MOREGEON1 COMDOM Cayboan Constrained Constraine Constraine Constr	3513922912	ALLEN C-2 (CHEROKEE)	1.000000	0.875000	SAME	SAME					13E		CHEROKEE	PANTERA ENERGY COMPANY
MUNESSON 1-5; LODODD 0.75700 0.754683 0.6663157 5; 16; 15; 26 33W 55WW 0.0000 MUNESSON 1: LODODD 0.754683 0.4663157 5; 16; 15; 2; 33W 15; 0.0000 0.754630 0.754633 55ME 56ME 56M 2 35M 15MW 0.0000 0.754630 0.0000 0.754630 0.754633 55ME 55M 55M 55M 0.0000 0.754630 0.0000 0.754630 0.754630 0.0000 0.754630 0.754630 0.0000 0.754630 0.756630	1505501006	ANDERSON 1	1.00000	0.875000	0.754688	0.66035157						SE NE NW	CHASE GROUP	PANTERA ENERGY COMPANY
MUTGEN London 0.57500 0.754683 0.660315 5 5 34 Ubb 0405 MUTGE1 100000 0.75700 0.75468 0.660315 5 5 34 0.44 0.455 MUTGE1 100000 0.75700 0.75700 0.75700 5 5 540 0.44 0.45 0.445	1505520841	ANDERSON 2-15	1.00000	0.875000	0.754688	0.66035157						SENW		
Network Statuk	1505521465	ANDERSON 3	1.000000	0.875000	0.754688	0.66035157						NENW	CHASE	PANTERA ENERGY COMPANY
DAMTGE1 DAMTGE1 <t< td=""><td>3513922776</td><td>ASHLAND A-1</td><td>1.00000</td><td>0.874999</td><td>SAME</td><td>SAME</td><td></td><td></td><td></td><td></td><td></td><td></td><td>UPPER MORROW</td><td>UPPER MORROW PANTERA ENERGY COMPANY</td></t<>	3513922776	ASHLAND A-1	1.00000	0.874999	SAME	SAME							UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
Image: 1	1509300301	BAHNTGE 1	1.000000	0.882813	SAME	SAME	Γ					SWNW	CHASE GROUP	PANTERA ENERGY COMPANY
anvire chase anvire anvire anvire anvire anvire anvire anvire chase chase anvire anvire anvire anvire anvire anvire anvire chase	1509320383	BAHNTGE 2	1.000000	0.882813	SAME	SAME		Γ				NWSE		PANTERA ENERGY COMPANY
additi addit addit addit <td>1509320952</td> <td>BAHNTGE 3-2</td> <td>1.000000</td> <td>0.882813</td> <td>SAME</td> <td>SAME</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>NENE</td> <td>CHASE</td> <td>PANTERA ENERGY COMPANY</td>	1509320952	BAHNTGE 3-2	1.000000	0.882813	SAME	SAME						NENE	CHASE	PANTERA ENERGY COMPANY
AMERT54 DAME SAME	1505500391	BAKER 1	1.000000	0.875000	SAME	SAME						NWSE		PANTERA ENERGY COMPANY
AMER 2 AMER 2<	1505521605	BAKER 15-6	0.250000	0.218750	SAME	SAME						SE NE SW		LARIO OIL & GAS COMPANY
AKER 315 AKER 31 AKER 32 AKER 32 AKER 34 AKER 32 AKER 34 AKE	1505520383	BAKER 2	1.000000	0.875000	SAME	SAME								PANTERA ENERGY COMPANY
AKER 4-15 AKER 4-15 AKER 4-15 AKER 4-15 AKER 4-1 SAME SAME SAME IS IS<	1505520739	BAKER 3-15	1.000000	0.875000	SAME	SAME						NENE	DEEP	PANTERA ENERGY COMPANY
MARCEN MORENUM C35333 C171374 SAME	1505520844	BAKER 4-15	1.00000	0.875000	SAME	SAME						SWNESE	MORROW	PANTERA ENERGY COMPANY
Image: Marker 3	3513921213	BAKER H-1	0.958333	0.721874	SAME	SAME					12E		MORROW C	PANTERA ENERGY COMPANY
BAKER 4 London 0.875000 SAME FA FINEY 12 56 34W DESC CHESTR BAKER 5 LODDOD 0.375000 SAME SAME K5 FINEY 12 265 34W DESC MASSIRPI BAKER 5 BAKER 5 LODDOD 0.375000 SAME SAME K5 FINEY 12 265 34W DESC COUNCLIPSC BAKER 2 LODDOD 0.375000 SAME SAME K5 FINEY 12 265 34W DESC COUNCLIPSC BAKER 1 LODDOD 0.375000 SAME SAME K5 FINEY 12 265 34W DESC COUNCLIPSC BAKEN 1 LODDOD 0.375000 SAME SAME K5 FINEY 12 CASE CASE </td <td>1505521493</td> <td>BARKER 3</td> <td>1.000000</td> <td>0.875000</td> <td>SAME</td> <td>SAME</td> <td></td> <td></td> <td></td> <td></td> <td>34W</td> <td></td> <td>MORROW</td> <td>PANTERA ENERGY COMPANY</td>	1505521493	BARKER 3	1.000000	0.875000	SAME	SAME					34W		MORROW	PANTERA ENERGY COMPANY
BAKER 5 BAKER 5 BAKER 5 BAKER 5 BAKER 5 BAKER 5 BAKE 7 B	1505521527	BARKER 4	1.000000	0.875000	SAME	SAME						NESE	CHESTER	PANTERA ENERGY COMPANY
BAKRE 1 LO0000 0.875000 SAME SAME IS FINNEY 12 265 34W NEW MORROW BAKRE 1 1.00000 0.875000 SAME K FINNEY 12 265 34W NESW CHASE GROUP BAKRE 4 1.00000 0.875000 SAME SAME K FINNEY 12 265 34W NESW CHASE GROUP BAKRE AS UNT 3-H 1.000000 0.875000 SAME SAME K FINNEY 12 265 34W NESW CHASE GROUP BARTOW13- 1.000000 0.875000 SAME SAME K FINNEY 12 265 34W CHASE GROUP BARTOW13- 0.000000 0.875000 SAME SAME K FINNEY 12 265 34W CHASE GROUP BARTOW14-13 0.000000 0.875000 SAME SAME K FINNEY K FINNEY K FINNEY K K K <t< td=""><td>1505521528</td><td>BARKER 5</td><td>1.000000</td><td>0.875000</td><td>SAME</td><td>SAME</td><td></td><td></td><td></td><td></td><td></td><td>SESE</td><td>MISSISSIPPI</td><td>PANTERA ENERGY COMPANY</td></t<>	1505521528	BARKER 5	1.000000	0.875000	SAME	SAME						SESE	MISSISSIPPI	PANTERA ENERGY COMPANY
BAKKF1 Denotion 0.875000 <	1505521594	BARKER 6	1.00000	0.875000	SAME	SAME						SWNE		PANTERA ENERGY COMPANY
BARKE 2 BARKE 2 BARKE 2 BARKE 7 255 34W Loodood 0.875000 SAME SAME 12 265 34W COUNCIL GROVE BARTLOW 1 1.000000 0.875000 SAME SAME KF NE 265 34W SAME KF BARTLOW 3 1.000000 0.875000 SAME SAME KF P 285 34W SEW COUNCIL GROVE BARTLOW 3 1.000000 0.875000 SAME SAME KF P 285 34W SEW CHASE BARTLOW 4 1.000000 0.875000 SAME SAME KF P 285 34W SEW CHASE BARTLOW 4 260000 0.875000 SAME SAME KF FNNEY P SEW CHASE BEDFORD 2 0.00000 0.37500 SAME SAME KF FNNEY P SEW CHASE CHASE CHASE CHASE CHASE CHASE CHASE	1505500725	BARKER 1	1.00000	0.875000	SAME	SAME						NESW		
BARKE GA UNIT 3-H 1.00000 0.875000 SAME KA INNEY 12 565 34W SWSENW CHASE BARTLOW1 1.00000 0.875000 SAME KB INNEY 9 235 34W SESW CHASE BARTLOW1 1.00000 0.875000 SAME SAME KB INNEY 9 235 34W SESW CHASE GROUP BARTLOW1 0.00000 0.875000 SAME SAME KB INNEY 9 235 34W SESW CHASE GROUP BARDFAD2 0.00000 0.87500 SAME SAME KB INNEY B ZB ZB ZB ZB ZB KB KB <td>1505520322</td> <td>BARKER 2</td> <td>1.000000</td> <td>0.875000</td> <td>SAME</td> <td>SAME</td> <td></td> <td></td> <td></td> <td></td> <td>34W</td> <td></td> <td></td> <td>_</td>	1505520322	BARKER 2	1.000000	0.875000	SAME	SAME					34W			_
BATTLOW 1 Description Destription <thdescription< th=""></thdescription<>	1505521773	BARKER GAS UNIT 3-H	1.000000	0.875000	SAME	SAME						SWSENW	CHASE	PANTERA ENERGY COMPANY
BARTLOW3 Destrow3 L00000 0.875000 SAME KM FINNEY 9 235 34W SEW C4ASG GNUP BAUGHMAN F.1-18 0.00000 0.875000 5.8ME SAME KS FINNEY 315 34W SEW C4ASG GNUP BAUGHMAN F.1-18 0.00000 0.82500 SAME SAME KS FINNEY 315 34W FINNEY RAMATON BEDFORD 2-2 0.500000 0.437500 SAME SAME KS FINNEY R 265 34W FINNEY RAMATON BEDFORD 2-2 0.500000 0.437500 SAME SAME KS FINNEY R 265 34W FINNEY FINNEY FINNEY RAMATON BEDFORD 2-2 0.500000 0.437500 SAME SAME KS FINNEY R Z Z Z Z Z Z Z CUNCLGROVE CHASE Z Z Z Z Z Z Z Z	1505500422	BARTLOW 1	1.00000	0.875000	SAME	SAME						SESW	CHASE GROUP	PANTERA ENERGY COMPANY
BAUGHMANF 1-18 0.000000 0.032350 SAME SAME IS Stave 315 34W IC MARMATON BEDFORD 2 0.000000 0.437500 SAME KS FINNEY R 265 34W NESW PERMIAN-CIC BEDFORD 2 0.500000 0.437500 SAME SAME KS FINNEY R 265 34W NESW CHASE BEDFORD 2 0.500000 0.437500 SAME SAME KS FINNEY R 265 34W NESW CHASE BEDFORD C-2 0.500000 0.437500 SAME SAME KS FINNEY R 265 34W NESW CHASE BENET 1 0.50000 0.437500 SAME SAME KS FINNEY KS	1505521491	BARTLOW 3	1.00000	0.875000	SAME	SAME						SESW	CHASE GROUP	PANTERA ENERGY COMPANY
BEDFORD 2 0.500000 0.437500 SAME SAME Ks FINNEY 8 265 34W NESW PERMIAN-CIGC BEDFORD 2-2 0.500000 0.437500 SAME SAME Ks FINNEY 8 265 34W NESW PERMIAN-CIGC BEDFORD 2-2 0.500000 0.437500 SAME SAME Ks FINNEY 8 265 34W NESW PERMIAN-CIGC BEDFORD 2-2 0.500000 0.437500 SAME SAME Ks FINNEY 8 265 34W NESW PERMIAN-CIGC BEDFORD 2-2 0.500000 0.437500 SAME SAME Ks FINNEY 8 Z65 34W NESW W CHASE BEDFORD 2-2 0.500000 0.83033 SAME SAME Ks FINNEY 25 34W KSENW NE CHASE BENNETT F-1 (CHESTER) 0.735797 0.628493 SAME SAME Ks FINNEY 216 KN CHASE CHASE	1517521171	BAUGHMAN F 1-18	0.00000	0.082250	SAME	SAME					34W		MARMATON	MCCOY PETROLEUM CORPORATION
BEDFORD 2-2 0.50000 0.437500 SAME SAME KS FINNEY S SaW SES SAW CHASE BEDFORD A-2 0.500000 0.437500 SAME SAME KS FINNEY S SAW KS FINNEY SAME KS FINNEY S KNSAS GTY BENNET F-1 (CHESTER) 0.735797 0.632333 SAME SAME KS FINNEY S KNSAS GTY S BENNEL1 F-1 0.735797 0.536300 SAME SAME KS FINNE	1505500721	BEDFORD 2	0.50000	0.437500	SAME	SAME						NESW	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION
BEDFORD A-2 0.50000 0.437500 SAME Ks FINNEY 8 265 34W CE COUNCLGROVE BEDFORD C-2 0.500000 0.437500 SAME Ks FINNEY 8 265 34W NESENWE COUNCLGROVE BEDFORD C-2 0.500000 0.437500 SAME SAME Ks FINNEY 8 265 34W NESENWE CHASEAND BENETFT-L 0.500000 0.437500 SAME SAME Ks FINNEY 265 34W NESENWE CHASEAND BENETFT-L 0.755000 0.83033 SAME SAME Ks FINNEY 21E KnSSGTY KnSSGTY BENELL1 0.755000 0.875000 SAME SAME Ks FINNEY 13 235 34W KNSSGTY BENELL1 0.00000 0.875000 SAME SAME Ks FINNEY 13 235 34W KNSSGTY BIDWELL3 1.000000 0.875000 SAME	1505521617	BEDFORD 2-2	0.50000	0.437500	SAME	SAME					34W			CASILLAS PETROLEUM CORPORATION
BEDFORD C-2 0.50000 0.437500 SAME SAME IS FINEY B S5 34W NESENWE CHASE AND BENNETT C-1 1.00000 0.830035 SAME SAME OK BENNET 2 AN 21E MER KANSAS CITY BENNETT F-1 (CHETER) 0.335797 0.628437 SAME SAME OK BENRET 2 AN 21E KANSAS CITY BENNETT F-1 (CHETER) 0.958333 0.860477 SAME SAME OK BENRET 2 AN 21E KANSAS CITY BENRET F-1 (CHETER) 0.958333 0.860477 SAME SAME OK TEXAS 2 AN 21E KANSAS CITY BENRET 1-3 1.00000 0.875000 SAME SAME KS FINEY 13 23S 34W NENSWW FIASEGNUP BIDWELL 3-13 1.000000 0.875000 SAME KS FINEY 13 23S 34W NENSWW FIASEGNUP FIASEGNUP	1505520264	BEDFORD A-2	0.50000	0.437500	SAME	SAME					34W		ROVE	CASILLAS PETROLEUM CORPORATION
BENNETT C-1 1.00000 0.830035 SAME SAME CM ELAVER 2.1E KNASS CITY BENNETT F-1 (CHESTER) 0.735797 0.638433 SAME SAME CM ELAVER 2.6 AN 2.1E KNASS CITY BENNETT F-1 (CHESTER) 0.735797 0.638433 SAME SAME CM ELAVER 2.6 SN Z1E KANSAS CITY BESNET F-1 0.735797 0.653433 SAME SAME CM TEXAS Z5 Z4N CHESTER BESNEL 1-1 1.000000 0.875000 SAME SAME KS FINNEY 1.3 Z3S 34W CHASCARDY BIDWELL 1-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 Z3S 34W DERSMU CHASCARDY BIDWELL 5-13 1.000000 0.875000 SAME KS FINNEY 1.3 Z3S 34W DERSMU DERSMU BIDWELL 5-13 1.000000 0.875000 SAME	1505521676	BEDFORD C-2	0.500000	0.437500	SAME	SAME					34W	NE SE NW NE	CHASE AND	CASILLAS PETROLEUM CORPORATION
BENNETT F-1 (CHESTER) 0.735797 0.628493 SAME SAME OK BEAVER 26 SN 21E CHESTER BESIE 5-1 0.58333 0.860477 SAME SAME OK TEXAS 5 4N 12E C FINE CHESTER BESIE 5-1 0.96333 0.860477 SAME SAME VK TEXAS 5 4N 12E C FINE KANSAS CTY BIDWELL 13 1.000000 0.875000 SAME SAME KS FINNEY 13 235 34W NESNWA DEEP BIDWELL 5-13 1.000000 0.875000 SAME SAME KS FINNEY 13 235 34W DEEP DEEV BIDWELL 5-13 1.000000 0.875000 SAME SAME KS FINNEY 13 235 34W DEEV DEEV BIDWELL 5-13 1.000000 0.875000 SAME SAME 13 235 34W DEEV DEEV DEF DEF	3500722058	BENNETT C-1	1.000000	0.830035	SAME	SAME					21E		KANSAS CITY	PANTERA ENERGY COMPANY
BESSIE 5-1 0.358333 0.366417 SAME SAME OK TEXAS S AN 12E C SE NE KANSAS CITY BIDWELL1 1.00000 0.875000 SAME SAME KS FINNEY 13 235 34W NENESW CHASE GROUP BIDWELL1-13 1.00000 0.875000 SAME SAME KS FINNEY 13 235 34W NENESW FEAS BIDWELL5-13 1.000000 0.875000 SAME SAME KS FINNEY 13 235 34W FORT FORT BIDWELL 5-13 LU00000 0.875000 SAME SAME KS FINNEY 13 235 34W FORT 5COTT BIDWELL 5-13 LU00000 0.875000 SAME SAME KS FINNEY 13 235 34W FORT 5COTT BIDWELL 7-13 LU00000 0.875000 SAME KS FINNEY 13 235 34W SAME LASTENW LASTENW LASTENW LASTENW LASTS	3500724303	BENNETT F-1 (CHESTER)	0.735797	0.628493	SAME	SAME					21E		CHESTER	PANTERA ENERGY COMPANY
BIDWELL1 1.00000 0.875000 SAME SAME Ks FINNEY 1.3 23S 34W NENESW CHASE GROUP BIDWELL3 1.00000 0.875000 SAME SAME Ks FINNEY 1.3 23S 34W NENESW CHASE GROUP BIDWELL3.13 1.00000 0.875000 SAME SAME Ks FINNEY 1.3 23S 34W NENSWW DEEP BIDWELL5.13 1.00000 0.875000 SAME SAME Ks FINNEY 1.3 23S 34W NENSWW FORT BIDWELL5.13 1.00000 0.875000 SAME SAME Ks FINNEY 1.3 23S 34W NENSWW FORT BIDWELL7.13 1.00000 0.875000 SAME Ks FINNEY 1.3 23S 34W NONE KCFT SCOTT	3513923698	BESSIE 5-1	0.958333	0.860417	SAME	SAME					12E	C SE NE	KANSAS CITY	PANTERA ENERGY COMPANY
BIDWELL3-13 1.000000 0.875000 SAME SAME KS FINNEY 13 23S 34W NESNW DEP BIDWELL5-13 1.000000 0.875000 SAME SAME KS FINNEY 13 23S 34W NESENW FORT SCOTT BIDWELL6-13 1.000000 0.875000 SAME SAME KS FINNEY 13 23S 34W NESENW FORT SCOTT BIDWELL6-13 1.000000 0.875000 SAME SAME KS FINNEY 13 23S 34W SESENW LANSING-KC BIDWELL 7-13 1.000000 0.875000 SAME KS FINNEY 13 23S 34W SWNE LKC-FT SCOTT	1505500389	BIDWELL 1	1.000000	0.875000	SAME	SAME						NENESW		PANTERA ENERGY COMPANY
BIDWELL 5-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.3S 34W NESENW FORT SCOTT BIDWELL 6-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.3S 34W NESENW LANSING-KC BIDWELL 6-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.3S 34W SESENW LANSING-KC BIDWELL 7-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.3S 34W SWNE LKC-FT SCOTT	1505520771	BIDWELL 3-13	1.000000	0.875000	SAME	SAME						NWSWNW	DEEP	PANTERA ENERGY COMPANY
BIDWELL 6-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.35 3.4W SESENW LANSING-KC BIDWELL 7-13 1.000000 0.875000 SAME SAME KS FINNEY 1.3 2.35 3.4W SESENW LANSING-KC	1505520842	BIDWELL 5-13	1.000000	0.875000	SAME	SAME						NESENW	FORT SCOTT	PANTERA ENERGY COMPANY
BIDWELL 7-13 [1.000000 [0.875000] SAME SAME KS FINNEY [13 [23S] 34W [SWNE [LC-FF SCOTT	1505520873	BIDWELL 6-13	1.000000	0.875000	SAME	SAME						SESENW	LANSING-KC	PANTERA ENERGY COMPANY
	1505520912	BIDWELL 7-13	1.000000	0.875000	SAME	SAME						SWNE	LKC-FT SCOTT	PANTERA ENERGY COMPANY

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1505500480	BIEHN 1	1.000000	0.875000	SAME	SAME	KS	FINNEY 1	9	24S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520360	BIEHN 2	1.000000	0.875000	SAME	SAME			16			S2	COUNCIL GROVE	COUNCIL GROVE PANTERA ENERGY COMPANY	
1505520748	BIEHN 3-16	1.000000	0.875000	SAME	SAME						NWNE	DEEP	PANTERA ENERGY COMPANY	
1517500120	BLACKMER 1-31	1.000000	0.759453	SAME	SAME		0					MORROW	PANTERA ENERGY COMPANY	
1517521703	BLACKMER A-3	1.000000	0.759453	SAME	SAME			31		32W		CHESTER	PANTERA ENERGY COMPANY	
1517521724	BLACKMER A-4 (CHESTER)	1.000000	0.820313	SAME	SAME		SEWARD 3		34S	32W		CHESTER	PANTERA ENERGY COMPANY	
3500722015	BLAKEMORE L-1	1.000000	0.824629	SAME	SAME		BEAVER 3			21E		UPPER CHESTER	PANTERA ENERGY COMPANY	
3500721918	BLAKEMORE M-1	1.00000	0.786621	SAME	SAME					21E			PANTERA ENERGY COMPANY	
3500724427	BLAKEMORE M-2 (B CHESTER)	1.000000	0.786621	SAME	SAME					21E		BASAL CHESTER	PANTERA ENERGY COMPANY	
3500724428	BLAKEMORE N-1	1.000000	0.812373	SAME	SAME	OK BE	BEAVER 1	10 1	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY	
3500724792	BLAKEMORE-WILDLIFE 2-16	1.000000	0.801130	SAME	SAME		BEAVER 1		4N	21E	SW	BASAL CHESTER	PANTERA ENERGY COMPANY	
1517520784	BLOOM B-1	0.50000	0.437500	SAME	SAME		SEWARD 2	26		34W		LOWER	PANTERA ENERGY COMPANY	
1517521722	BOLES C-2	1.00000	0.875000	SAME	SAME	Γ	SEWARD 1			34W	SWNENW	ST LOUIS	PANTERA ENERGY COMPANY	
1517521720	BOLES C-3	1.000000	0.875000	SAME	SAME	Γ		11			SENW	ST LOUIS	PANTERA ENERGY COMPANY	
1517520646	BOLES 1-11	1.000000	0.854492	SAME	SAME	Γ				34W	N2NWSE	MORROW	PANTERA ENERGY COMPANY	
1517500067	BOLES 1-4	1.00000	0.875000	SAME	SAME	KS SE			35S	34W		TORONTO 2	PANTERA ENERGY COMPANY	
1517521757	BOLES B-5 (CHESTER)	1.000000	0.875000	SAME	SAME	Γ				34W		CHESTER	PANTERA ENERGY COMPANY	
1517521669	BOLES F-1 (ST LOUIS)	1.000000	0.875000	SAME	SAME					34W		ST. LOUIS	PANTERA ENERGY COMPANY	
1517521707	BOLES F-2 (ST LOUIS)	1.000000	0.875000	SAME	SAME		Γ			34W		ST. LOUIS	PANTERA ENERGY COMPANY	
1517521708	BOLES F-3 (ST LOUIS)	1.000000	0.875000	SAME	SAME					34W		ST. LOUIS	PANTERA ENERGY COMPANY	
1517521718	BOLES F-4 (ST LOUIS)	1.000000	0.875000	SAME	SAME		SEWARD 2		35S	34W		ST LOUIS	PANTERA ENERGY COMPANY	
1517521794	BOLES F-5 (LANSING)	1 00000	0.875000	SAMF	SAME	Γ				34W		LANSING	PANTERA ENERGY COMPANY	
3513920113	BORCHERS A-1	1.000000	0.875000	SAME	SAME	Γ				14E		CHEROKEE	PANTERA ENERGY COMPANY	
3513977674	ROWEN 1-22	0 709821	0 505313	SAME	SAME	Γ				145		CHASE	PANTERA ENERGY COMPANY	
1517571683		1 00000	0.002705	CAME	SAME	Т	6			37/1		I OWER	PANTERA ENERGY COMPANY	
1518071010	BRECHEISEN A-1	1 00000	0.02010	SAME	SAME	Т	Τ			38/1/		LUDDER MORROW	LIPPER MORROW PANTERA ENERGY COMPANY	
151807200		0.056333	200012.0	0 718750	D EDECA	Τ					CL CL	I OW/FR	PANTERA ENERGY COMPANY	
3513900409	BROCE 1-7	0000001	0.875000	SAME	SAMF	Γ		-	4N			MORROW	PANTERA ENERGY COMPANY	
3500722831	BROWN J-1	1.000000	0.824219	SAME	SAME					21E		UPPER CHESTER	PANTERA ENERGY COMPANY	
3500724906	BROWN J-2	1.000000	0.824219	SAME	SAME						MN	CHESTER	PANTERA ENERGY COMPANY	
1517521621	BROWN K-1 (L MORROW)	1.000000	0.833333	SAME	SAME	Γ		9		32W		LOWER	PANTERA ENERGY COMPANY	
3500722100	BUNYARD A-1	1.000000	0.816421	SAME	SAME	Γ			SN	20E		UPPER MORROW	PANTERA ENERGY COMPANY	
1517520829	BUSH B-1H	1.00000	0.875000	SAME	SAME	KS SE				33W	SE SE NW SE		PANTERA ENERGY COMPANY	
1517521622	BUSH B-3 (MARMATON)	1.000000	0.875000	SAME	SAME	Г		25		33W		LANSING	PANTERA ENERGY COMPANY	
1517521813	BUSH B-4 (MARMATON B)	1.000000	0.875000	SAME	SAME		SEWARD 3		33S	33W		MARMATON	PANTERA ENERGY COMPANY	
1517520029	CADY A-1	1.00000	0.875000	SAME	SAME		SEWARD 1			32W		LOWER	PANTERA ENERGY COMPANY	
1517521562	CADY A-2 (U CHESTER)	1.000000	0.875000	SAME	SAME		0	19	34S	32W		CHESTER	PANTERA ENERGY COMPANY	
1505520012	CAMPBELL 4 (SWD)	1.000000	N/A	SAME	SAME	KS FI	FINNEY 7				NESE	LANSING-KC	PANTERA ENERGY COMPANY	
1517521770	CAMPION A-1 (L MORROW)	1.00000	0.760000	0.875	0.703125			25		34W		LOWER	PANTERA ENERGY COMPANY	
1518922352	CAVNER A-5A	1.000000	0.875000	SAME	SAME						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			33			SW	ST. LOUIS	PANTERA ENERGY COMPANY	
1508120361	KMU 12-1 (CHARLES 1-12) WIW	1.000000	0.875000	SAME	SAME		HASKELL 1		29S	34W		MORROW	PANTERA ENERGY COMPANY	
1517521792	CITY OF LIBERAL C-1 (ST LOUIS)	1.000000	0.847656	SAME	SAME	KS SE	SEWARD 3		34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY	
3513935787	CITIES SERVICE A-1 (CHEROKEE)	1.000000	1.000000	SAME	SAME	OK TE	TEXAS 1	18	4N	14E		CHEROKEE	PANTERA ENERGY COMPANY	
3513921253	CITIES SERVICE A-5	1.000000	1.00000	SAME	SAME		TEXAS 1		4N	14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY	
3513921679	CITIES SERVICE A-7	1.000000	1.00000	SAME	SAME		TEXAS 1		4N	14E		KEYES	PANTERA ENERGY COMPANY	
3513935788	CITIES SERVICE B-1	1.000000	1.00000	SAME	SAME		TEXAS 1	14 4		13E		KEYES 2	PANTERA ENERGY COMPANY	
3513920634	CITIES SERVICE B-3	1.000000	1.000000	SAME	SAME	OK TE			4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY	
3513922479	CITIES SERVICE B-5	1.000000	1.000000	SAME	SAME		TEXAS 1	14		13E			PANTERA ENERGY COMPANY	

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3513935789	CITIES SERVICE C-1	1.000000	1.000000	SAME	SAME	S	I EXAS	11 H	TOT		UTTER NURROW	UPPER NUCKNOW PAIN ERA ENERGY CONTAIN
3513935795	CITIES SERVICE C-2	1.000000	0.875000	SAME	SAME		TEXAS 1	11 4N	1 13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513935790	CITIES SERVICE D-1	1.000000	1.000000	SAME	SAME	XO	TEXAS 1	17 4N	1 14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920851	CITIES SERVICE D-3 (MORROW)	1.000000	1.000000	SAME	SAME	OK TE	TEXAS 1	17 4N	1 14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513935792	CITIES SERVICE F-1	1.000000	1.000000	SAME	SAME	XO	TEXAS 1	16 4N	1 14E		KEYES	PANTERA ENERGY COMPANY
3513921898	CITIES SERVICE I-2 (SWD)	1.000000	N/A	SAME	SAME	OK TE	TEXAS 11	1 4N	1 13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920697	CITIES SERVICE K-1	1.000000	1.000000	SAME	SAME		TEXAS 17	7 4N	1 14E		CHEROKEE	PANTERA ENERGY COMPANY
3513922538	CLAREMONT A-3	1.000000	0.875000	SAME	SAME	OK TE	TEXAS 7	SN	1 12E		MORROW F	PANTERA ENERGY COMPANY
1517500034	DAVIES 1-36	1.000000	0.875000	SAME	SAME		SEWARD 36	6 33S	S 32W		CHESTER	PANTERA ENERGY COMPANY
3500721730	CLENNY 24-6	0.249458	0.218276	SAME	SAME		BEAVER 6	1N	1 23E		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	KS SE	SEWARD 3	35 335	S 34W		MORROW	EDISON OPERATING COMPANY LLC
3513922780	COPP A-2 (UPPER MORROW)	0.969040	0.847904	SAME	SAME	Γ	TEXAS 6	3N	1 14E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1505500337	CORMACK 1-34 .	1.000000	0.875000	SAME	SAME	KS FI	FINNEY 3	34 22S	S 34W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505521151	CORMACK 1-34	0.00000	0.175000	SAME	SAME	Γ				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		S 34W	SENENW		BEREXCO LLC
1505521190	CORMACK 3-34	0.000000	0.175000	SAME	SAME	KS		34 225				MANUEL CORPORATION
1505521198	CORMACK 4-34	0.00000	0.175000	SAME	SAME					NESWNW		BEREXCO LLC
1505521319	CORMACK 5-34	0.000000	0.175000	SAME	SAME							BEREXCO LLC
1505521694	CORMACK 6-34	0.000000	0.175000	SAME	SAME							BEREXCO LLC
1517521653	CORREIL A-3		0.859375	SAME	SAMF						LOWER	PANTERA ENERGY COMPANY
1518922409	COTTRELL A-3	1.000000	0.875000	SAME	SAME	KS				MN	LOWER	PANTERA ENERGY COMPANY
1505500537	COWGILL 1	1.000000	0.875000	SAME	SAME	Γ				SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520889	COWGILL 2-19	1.00000	0.875000	SAME	SAME						DEEP	PANTERA ENERGY COMPANY
1518922163	CRISS A-2 (MORROW)	1.000000	0.900391	SAME	SAME	KS S1	STEVENS 1		S 38W		MORROW C	PANTERA ENERGY COMPANY
1517520426	CROW A-1	1.00000	0.875000	SAME	SAME						UPPER CHESTER 2	UPPER CHESTER 2 PANTERA ENERGY COMPANY
1517520593	CROW B-1	1.000000	0.875000	SAME	SAME		SEWARD 2	.6 33S	S 34W		LOWER CHESTER	LOWER CHESTER PANTERA ENERGY COMPANY
1505522329	CUNDIFF A-3	1.000000	0.875000	SAME	SAME		FINNEY 1	10 23				PANTERA ENERGY COMPANY
1505500406	DANLER 1	0.50000	0.437500	SAME	SAME			0 23S			CHASE GROUP	PANTERA ENERGY COMPANY
1505520380	DANLER 2	0.50000	0.437500	SAME	SAME	KS		30 23			COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520585	DANLER 3	0.50000	0.437500	SAME	SAME					NE	CHASE GROUP	PANTERA ENERGY COMPANY
1517510137	DAVIES 1-30	1.000000	0.875000	SAME	SAME						LOWER	PANTERA ENERGY COMPANY
1517510005	DAVIES C-1	1.000000	0.875000	SAME	SAME		SEWARD 3	31 33S	S 31W		LOWER	PANTERA ENERGY COMPANY
1517510172	DAVIES 2-6	1.00000	0.875000	SAME	SAME	KS St	SEWARD 6		S 31W		LOWER	PANTERA ENERGY COMPANY
1517521558	DAVIES E-1 (MORROW/CHESTER)	1.000000	0.875000	SAME	SAME		SEWARD 3	36 335	S 32W		L MORROW & U	PANTERA ENERGY COMPANY
3513923336	DAVIS TRUST B-1	1.000000	0.812500	SAME	SAME	Х		26 6N		NWNWNE	BASAL CHESTER	PANTERA ENERGY COMPANY
1517521561	DAVIES F-1 (MORROW/CHESTER)	1.000000	0.865156	SAME	SAME		SEWARD 8	34S	S 31W		L MORROW & U	PANTERA ENERGY COMPANY
1517521737	DAVIES G-2 (L MORROW)	1.000000	0.875000	SAME	SAME		SEWARD 6				LOWER	PANTERA ENERGY COMPANY
1518921776	DAVIS D-2	1.000000	0.820312	SAME	SAME			14 33S			LOWER	PANTERA ENERGY COMPANY
1518920410	DAVIS G-1	1.000000	0.875000	SAME	SAME	KS S7					LOWER	PANTERA ENERGY COMPANY
1517521715	DOWNS A-1 (ST LOUIS)	1.000000	0.875000	SAME	SAME						ST LOUIS	PANTERA ENERGY COMPANY
1505500733	DEVLIN 1	0.825196	0.722047	SAME	SAME						CHASE	
1505520369	DEVLIN 2	0.549805	0.481079	SAME	SAME		FINNEY 1	19 26S	S 34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520924	DEVLIN A-1H	0.825196	0.722047	SAME	SAME	KS FI	FINNEY 1	19 265	S 34W		CHASE	PANTERA ENERGY COMPANY
3500700218	DICK 1-31	1.00000	0.857419	SAME	SAME	OK	BEAVER 3	31 5N	1 21E		LOWER CHESTER	LOWER CHESTER PANTERA ENERGY COMPANY
3500723840	DICK A-2	1.000000	0.857420	SAME	SAME	OK B	BEAVER 3	31 5N	1 21E		UPPER CHESTER	
3500721961	DIRKS A-1-6	1.000000	0.833536	SAME	SAME	OK B	BEAVER 6	SN	4 21E		LOWER CHESTER	
3513921288	DIXON A-1	1.00000	0.875000	SAME	SAME		TEXAS 5	4N			KEYES	PANTERA ENERGY COMPANY
3500723421	DORMAN 1-1	0.00000	0.000000	0.252886	0.20547	OK B	BEAVER 1	4N	1 215	LN	REFRE	

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3500725256	DORMAN 2-1	000000.01	0.000000	0.252886	14007.0		BEAVER	-	21	JT7	SE	CHESIEK	INUNIERET FRODUCIJUN CUMPANT LLC
3500724318	DORMAN C-1 (CHESTER)	0.718750	0.574829	SAME	SAME		BEAVER	36	SN	21E		CHESTER	PANTERA ENERGY COMPANY
1505500036	EARL CAMPBELL 1	1.000000	0.875000	SAME	SAME	Γ			26S	34W	SWSE	MORROW-MISS	PANTERA ENERGY COMPANY
1518921387	DUNNE-HOFFMANN K-1	0.500000	0.437889	SAME	SAME	KS	S	16	35S	38W		MORROW C	PANTERA ENERGY COMPANY
1509320951	FISCHER D 2-13 (SWD)	1.000000	N/A	SAME	SAME		KEARNY		24S	35W	NWSE	LANSING-KC	PANTERA ENERGY COMPANY
3513935801	EASTERWOOD A-3	1.00000	1.00000	SAME	SAME		TEXAS		4N	13E		KEYES 2	PANTERA ENERGY COMPANY
1517500187	ETZOLD 1-22	1.000000	0.875000	SAME	SAME		SEWARD		33S	34W	NE NE NE SW	CHESTER	PANTERA ENERGY COMPANY
NUMEROUS	ETZOLD UNIT NORTH	0.000000	0.075000	SAME	SAME			22	33S	34W		CHESTER	ELM III OPERATING COMPANY LLC
1517510145	FINCHAM A-2	1.000000	0.875000	SAME	SAME	KS S	SEWARD	29	33S	34W		MORROW	PANTERA ENERGY COMPANY
1517520361	FINCHAM A-3	1.000000	0.875000	SAME	SAME		SEWARD		33S	34W	NWNE	LOWER	PANTERA ENERGY COMPANY
1517510144	FINCHAM B-1	1.000000	0.875000	SAME	SAME	KS S	SEWARD	28	33S	34W		MORROW &	PANTERA ENERGY COMPANY
1517521657	FINCHAM G-2 (L MORROW)	1.00000	0.875000	SAME	SAME				33S	34W		LOWER	PANTERA ENERGY COMPANY
1509320370	FISHER D 1-13	1.00000	0.875000	SAME	SAME		KEARNY		24S	35W		MULTIPLE	PANTERA ENERGY COMPANY
1505520736	FOSTER 3-19	1.000000	0.875000	SAME	SAME	KS			23S	34W	SWNENW	MORROW	PANTERA ENERGY COMPANY
1517521624	FITZGERALD B-1 (U LANSING)	1.000000	0.875000	SAME	SAME	Γ			34S	33W		UPPER LANSING	PANTERA ENERGY COMPANY
1505500395	FOSTER 1	1.00000	0.875000	SAME	SAME	Γ			23S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
3500722233	FRANZ E-1	1.00000	0.839844	SAME	SAME				4N	21E		KANSAS CITY 2	PANTERA ENERGY COMPANY
1505520760	FOSTER 4-19	1.000000	0.875000	SAME	SAME	KS	FINNEY		23S	34W	NENW	DEEP	PANTERA ENERGY COMPANY
1505500481	FOTOPOLOUS 1	1.00000	0.875000	SAME	SAME				24S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520348	FOTOPOLOUS 2	1.00000	0.875000	SAME	SAME				24S	34W	E2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520749	FOTOPOULOS -3-17	1.000000	0.875000	SAME	SAME		FINNEY		24S	34W	SESE	DEEP	PANTERA ENERGY COMPANY
1509300388	GARDEN A-1	1.000000	0.875000	SAME	SAME	Γ	KEARNY	-	24S	35W	SESENW	CHASE GROUP	PANTERA ENERGY COMPANY
1517520070	FULLER A-1	1.000000	0.875000	SAME	SAME	KS S	SEWARD	30	SEE	34W		MORROW	PANTERA ENERGY COMPANY
1517520820	FULLER C-1	1.000000	0.812500	SAME	SAME		SEWARD	13	355	34W		LOWER	PANTERA ENERGY COMPANY
1517520642	GAMMELL A-1	1.00000	0.812500	SAME	SAME	KS S				34W		CHESTER	PANTERA ENERGY COMPANY
1509320586	GARDEN A-3	1.00000	0.875000	SAME	SAME		KEARNY	1		35W	NWSE	COUNCIL GROVE	
1509321005	GARDEN A-4 (SWD)	1.00000	N/A	SAME	SAME			1	24S	35W	NENW	CHASE GROUP	PANTERA ENERGY COMPANY
1509321494	GARDEN A-S	1.000000	0.875000	SAME	SAME				24S	35W	SENE	CHASE	PANTERA ENERGY COMPANY
1509320805	GARDEN B D1-13	1.000000	0.875000	SAME	SAME			13	23S	35W	SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509300085	GARDEN B-1	1.00000	0.875000	SAME	SAME				23S	35W		CHASE GROUP	PANTERA ENERGY COMPANY
L505500394	GARDEN C-1	1.000000	0.875000	SAME	SAME			18	23S	34W	NWSE	CHASE GROUP	
1505520356	GARDEN C-10	1.000000	0.875000	SAME	SAME		FINNEY	16	23S	34W	NE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520741	GARDEN C-12-18	1.000000	0.875000	SAME	SAME		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	1.00000	0.875000	SAME	SAME	KS F			23S	34W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520294	GARDEN C-8	1.000000	0.875000	SAME	SAME		FINNEY		23S	34W	W2	COUNCIL GROVE	
1505520573	GARDEN CITY 11	1.000000	0.875000	SAME	SAME				23S	34W	SWSE	CHASE	PANTERA ENERGY COMPANY
1505521148	GARDEN CITY 1-16	0.000000	0.125000	SAME	SAME		FINNEY	16	23S	34W	NWNE		WHITCO PETROLEUM LP
1505521180	GARDEN CITY 2-16	0.000000	0.125000	SAME	SAME		FINNEY		23S	34W	NENE		WHITCO PETROLEUM LP
1505521192	GARDEN CITY 3-16	0.000000	0.125000	SAME	SAME		FINNEY	16	23S	34W	NENW		WHITCO PETROLEUM LP
1.509300398	GARDEN CITY 0-1	0.889100	0.778137	SAME	SAME	KS K			24S	35W	N2SE	COUNCIL GROVE	
1509321540	GARDEN CITY 0-2	0.889100	0.778137	SAME	SAME			11	24S	35W	SW NW SE NE	CHASE GROUP	PANTERA ENERGY COMPANY
1509321823	GARDEN CITY 0-3	0.889100	0.778137	SAME	SAME		KEARNY		24S	35W		CHASE/COUNCIL	PANTERA ENERGY COMPANY
1505521189	GARDEN CITY UPR 1-13	0.000000	0.125000	SAME	SAME	KS F	FINNEY	13	23S	34W	ESWSE		BEREXCO LLC
1517521618	GAREY A-3 (LOWER MORROW)	1.000000	0.875000	SAME	SAME	KS S	SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY
1517521667	GAREY A-4 (L MORROW)	1.00000	0.875000	SAME	SAME	KS S	SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY
1505500469	GARNAND 1	0.632500	0.553443	SAME	SAME	KS F	FINNEY	5	24S	34W	SWNE	CHASE GROUP	
1505520321	GARNAND 2	1.000000	0.829057	SAME	SAME		FINNEY	5	24S	34W	S2NW	COUNCIL GROVE	
1505520827	GARNAND 3-5	0.632500	0.553443	SAME	SAME	KS F	FINNEY	5	24S	34W	SWNW	DEEP	
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1512921614 GLENN 1-214 3513920737 GOODWIN A-1 3513920115 GOODWIN A-2 1517520506 GROVER B-2 (ST LOUIS) 1517520506 GRUNAU 1-28 35139051822 HAAR 2-32 35139051821 HAAR 2-32 35139051821 HAAR 2-32 3513935811 HAAR 2-32 3513935821 HAAR 2-32 3513935821 HAAR 2-32 3513935821 HAAR 2-32 35139352131 HAAR 2-32 3500721562 HAMM A-1-33 3500721562 HAMM A-1-33 3500721562 HARNOEN A-3 (CHESTER) 1517521740 HATCHER B-4 1517521740 HATCHER B-3 1517521740 HATCHER B-4 1517521740 HATCHER B-4 1517521750 HATCHER B-4 1517521751 HATCHER B-4 1517521751 HATCHER B-4 15175217	(8)	0.50000 1.00000 1.00000 1.00000 1.0000000 1.0000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000000	0.471094 0.87500000000000000000000000000000000000	SAME SAME SAME SAME SAME SAME SAME SAME	SAME SAME SAME SAME		MORTON 14 TEXAS 36 TEYAS 36		41W 12E 17F	N2 NW NE	MORROW MORROW D	PIONEER OIL COMPANY INC PANTERA ENERGY COMPANY
	(1)	1.000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.0000000 1.00000000	0.875000 0.87500000000000000000000000000000000000	SAME SAME SAME SAME SAME SAME SAME	SAME SAME SAME				12E 17F		MORROW D	PANTERA ENERGY COMPANY
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	(1)	1.000000 1.0000000 1.00000000	0.875000 0.875000 0.875000 0.875000 0.845399 0.875000 0.8755000 0.8755000 0.8755000 0.8755000 0.87550000000000000000000000000000000000	SAME SAME SAME	SAME	KS SEV	SEWARD 1	355	34W			PANTERA ENERGY COMPANY
		1,000000 1,250000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,0000000 1,00000000	0.2375000 0.218750 0.218750 0.245390 0.2875000 0.2375000 0.255250 0.0555250 0.0555250 0.0555250 0.0555200 0.2875000 0.58750000000000000000000000000000000000	SAME	SAME	KS SEV	SEWARD 2	355	34W		ST LOUIS	PANTERA ENERGY COMPANY
		2.250000 1.000000 1.000000 1.000000 1.000000 2.750000 2.750000 1.000000 1.000000 1.000000 1.000000 1.000000	0.218750 0.875000 0.875000 0.875000 0.875000 0.015625 0.015625 0.015625 0.015625 0.015625 0.015625 0.015625 0.015620 0.015620 0.875000 0.015625 0.875000 0.015625 0.00000000000000000000000000000000000	SAME	SAME	KS SEV	SEWARD 17	355	34W		multiple	PANTERA ENERGY COMPANY
		1.000000 1.0000000 1.000000 1.000000 1.000000 1.000000 1.000000 1.00000000	0.875000 0.845399 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000		SAME	OK BE/	BEAVER 28	2N	22E	NWSE	CHESTER	COURSON OIL & GAS INCORPORATED
		1.000000 1.0000000 1.00000000	0.846399 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME				13E		MORROW C	PANTERA ENERGY COMPANY
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		1.000000 0.750000 0.000000 1.000000 1.000000 1.000000 1.000000 1.000000	0.87500 0.656250 0.015625 0.015625 0.015625 0.015625 0.015620 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME			6N	13E		KEYES	PANTERA ENERGY COMPANY
		0.750000 0.000000 1.00000000	0.656250 0.015625 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME	ЭК Ц			13E		MORROW	PANTERA ENERGY COMPANY
		0000000'T 0000000'T 0000000'T	0.015625 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME		BEAVER 33		20E		UPPER CHESTER	PANTERA ENERGY COMPANY
		1.000000 1.000000 1.000000 1.000000	0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME	OK BE/	BEAVER 13		20E	NW	HUNTINGTON	HUNTINGTON ENERGY LLC
		1.000000	0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME	Γ	SEWARD 34		33W		CHESTER	PANTERA ENERGY COMPANY
		1.000000	0.875000 0.875000 0.875000 0.875000 0.875000 0.875000	SAME	SAME				34W		ST. LOUIS	PANTERA ENERGY COMPANY
		1.000000	0.875000 0.875000 0.875000 0.875000	SAME	SAME			34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
		000000	0.875000 0.875000 0.875000	SAME	SAME		SEWARD 35		34W		ST LOUIS	PANTERA ENERGY COMPANY
		T.00000	0.875000 0.875000	SAME	SAME				34W		ST LOUIS	PANTERA ENERGY COMPANY
		1.000000	0.875000	SAME	SAME	KS SEV		335	33W	SE	MARMATON	PANTERA ENERGY COMPANY
		1.000000		SAME	SAME				34W		ST LOUIS	PANTERA ENERGY COMPANY
		1.000000	0.875000	SAME	SAME	Γ	FINNEY 15		34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
		1.000000	0.875000	SAME	SAME				34W	SENW	COUNCIL GROVE	
		1.000000	0.875000	SAME	SAME			265	34W	SESW	DEEP	
		0.125000	0.101563	SAME	SAME		BEAVER 32		20E	NE	UPPER CHESTER	FOUNDATION ENERGY MANAGEMENT LLC
		1.000000	0.830889	SAME	SAME	Γ			34W		LOWER	PANTERA ENERGY COMPANY
		0.924651	0.798816	SAME	SAME				39W		MORROW	PANTERA ENERGY COMPANY
		1.000000	0.830889	SAME	SAME			355	34W		CHESTER	PANTERA ENERGY COMPANY
		1.000000	0.875000	SAME	SAME		KEARNY 6		37W	SENWSE		
		1.000000	0.875000	SAME	SAME	KS KE/	KEARNY 6	255	37W	SWNE	COUNCIL GROVE	
		1.000000	0.875000	SAME	SAME		KEARNY 6	255	37W	SENW	DEEP	PANTERA ENERGY COMPANY
		0.989583	0.867023	SAME	SAME				12E		MORROW F	PANTERA ENERGY COMPANY
		1.000000	0.811119	SAME	SAME		TEXAS 19	4N	13E	NE	ADMIRE	PANTERA ENERGY COMPANY
		1.000000	0.847656	SAME	SAME	KS STE	STEVENS 23		39W		MORROW C	PANTERA ENERGY COMPANY
		0.924651	0.798816	SAME	SAME		STEVENS 35	315	39W		LOWER	PANTERA ENERGY COMPANY
	DRROW)	0.924651	0.798816	SAME	SAME		STEVENS 34	315	39W			PANTERA ENERGY COMPANY
		1.000000	0.812500	SAME	SAME		FINNEY 15		34W	NW	MORROW A	PANTERA ENERGY COMPANY
		1.000000	0.812500	SAME	SAME			33S	ЗW		LOWER	PANTERA ENERGY COMPANY
		1.000000	0.803125	SAME	SAME		STEVENS 3	33S	39W		MORROW	PANTERA ENERGY COMPANY
		1.000000	0.784375	SAME	SAME	KS STE			36W	NE	LOWER	PANTERA ENERGY COMPANY
		1.000000	0.812500	SAME	SAME		STEVENS 28		35W		LOWER	PANTERA ENERGY COMPANY
1518922399 HJV MUNCY A-1		1.000000	0.812500	SAME	SAME	KS STE	STEVENS 3	31S	39W	NW	LOWER	PANTERA ENERGY COMPANY
1506721534 HJV ROTH A-1		1.000000	0.812500	SAME	SAME		GRANT 25	305	35W	SE	MORROW	PANTERA ENERGY COMPANY
1518922422 HJV SCHMIDT A-1		1.000000	0.936719	SAME	SAME	KS STE	STEVENS 26	315	39W		MORROW	PANTERA ENERGY COMPANY
1518922278 HJV SPRING A-1		0.50000	0.437500	SAME	SAME		STEVENS 29		37W		MORROW	PANTERA ENERGY COMPANY
		1.000000	0.812500	SAME	SAME	KS HA	HASKELL 1	285	34W		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
	MORROW)	1.000000	0.812500	SAME	SAME			285	34W	NE	UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
		0.473618	0.414416	SAME	SAME	KS SEV	SEWARD 17		34W		CHESTER	CASILLAS PETROLEUM CORPORATION
1517521773 HOME ROYALTY A-4		0.473618	0.414416	SAME	SAME		SEWARD 17		34W		KANSAS CITY	CASILLAS PETROLEUM CORPORATION

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1517521821	HUME KUTALIT A-5	0100/100	0.414415	SAME	SAME	KS	SEWARD	11	31S	34W		CHESIEK	CASILLAS PEIROLEUM CORPORATION
1506720342	HOOPER 1-28	1.00000	0.875000	SAME	SAME	KS	GRANT	28	30S	35W	NENE	CHESTER	PANTERA ENERGY COMPANY
3513935234	KEENAN 2-26	1.00000	0.875000	SAME	SAME		TEXAS	26	4N	13E		KEYES 2	PANTERA ENERGY COMPANY
1517530030	HOWLAND A-1	1.00000	0.875000	SAME	SAME		SEWARD	34	33S	34W		MORROW	PANTERA ENERGY COMPANY
3500721858	HUEBNER 1-18	0.251663	0.204476	SAME	SAME		BEAVER	18	SN	21E	LOT 4 (SWSW)	CHESTER	COURSON OIL & GAS INCORPORATED
3500723178	HUEBNER B-1	1.00000	0.812500	SAME	SAME		BEAVER	23	SN	20E		LOWER CHESTER	PANTERA ENERGY COMPANY
3500723821	HUEBNER B-2	1.00000	0.812500	SAME	SAME	хo	BEAVER	23	SN	20E		BASAL CHESTER	PANTERA ENERGY COMPANY
1508120341	KMU 13-1 (HUNGATE 2-13)	1.00000	0.875000	SAME	SAME		HASKELL	13	295	34W		multiple	PANTERA ENERGY COMPANY
3513922775	KEENAN A-7 (U MORROW)	1.000000	0.875002	SAME	SAME	X	TEXAS	25	4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1508120360	KMU 13-4 (HUNGATE A-4) WSW	1.000000	N/A	SAME	SAME	KS	HASKELL	13	295	34W		LANSING	PANTERA ENERGY COMPANY
3513921101	KEENAN B-1	1.00000	0.875000	SAME	SAME		TEXAS	36	4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1508121347	KMU 13-3 (HUNGATE A-7)	1.00000	0.875000	SAME	SAME	Γ	HASKELL	13	295	34W		multiple	PANTERA ENERGY COMPANY
3500722292	ISAAC A-2	0.887500	0.702406	SAME	SAME		BEAVER	17	SN	21E		HESTER	PANTERA ENERGY COMPANY
1505521176	ISABELLE 1-19	0.000000	0.125000	SAME	SAME	KS	FINNEY	19	235	34W	NWSWNE		BEREXCO LLC
1505522565	ISABELLE 2-19	0.000000	0.125000	SAME	SAME	Γ	FINNEY	19	235	34W			BEREXCO LLC
1512920025	JOHNS 1-3	0.000000	0.082030	SAME	SAME	Γ	MORTON	m	325	41W		MORROW	EXTREME ENERGY CO.
1505500810	1 OHNSON 1	1.000000	0.875000	SAME	SAME	Γ	FINNEY	16	235		SWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520825	JOHNSON 2-16	1.000000	0.875000	SAME	SAME		FINNEY	16	23S		SESWNW	DEEP	PANTERA ENERGY COMPANY
1505500466	IONES 1		0.875000	SAME	SAMF		FINNEY	-	245		NWSF	CHASE GROUP	PANTERA ENERGY COMPANY
1505520296	IONES 2	1 00000	0.875000	SAME	SAME		FINNEY		245			4	
1505520220	JOHES 2. 2	1 00000	0.075000	CAME	CAME		CININEY	1 0	245	/1/1/2	NECE		
0000	JOINED 3-2	nnnnn T	000001010	SHIVE	SHIVE			4	542	1440	NLJL		
3500/2122/	JONES A-1	0.875000	0.723515	SAME	SAME		BEAVER	35	4N			MURKUW &	PANIEKA ENEKGY COMPANY
1505500412	10SS 1	1.000000	0.875000	SAME	SAME		FINNEY	36	235		NWSE		
1505520355	JOSS 2	0.50000	0.437500	SAME	SAME		FINNEY	36	23S		N2	IL GROVE	-
1505521439	JOSS 3	1.00000	0.875000	SAME	SAME	KS	FINNEY	36	23S		SENW	CHASE	PANTERA ENERGY COMPANY
1505500475	KANSAS 1	1.000000	0.875000	SAME	SAME		FINNEY	11	24S	34W	SWSWNE	CHASE GROUP	PANTERA ENERGY COMPANY
1505520332	KANSAS 2	1.00000	0.875000	SAME	SAME		FINNEY	11	24S	34W	SW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520747	KANSAS 3-11	1.000000	0.875000	SAME	SAME	KS	FINNEY	11	24S	34W	NE	DEEP	PANTERA ENERGY COMPANY
1517521351	KEATING-STEPHENS S-2	0.101525	0.080637	SAME	SAME		SEWARD	2	34S	34W	NWSW	CHESTER	EDISON OPERATING COMPANY LLC
1517521637	KEATING-STEPHENS 6-2	0.101390	0.081112	SAME	SAME	KS	SEWARD	2	34S	34W		CHASE	EDISON OPERATING COMPANY LLC
1517521747	KEATING-STEPHENS A-5	0.539000	0.463454	SAME	SAME	Γ	SEWARD	2	34S	34W		MORROW	PANTERA ENERGY COMPANY
3513922779	KEENAN B-3	1.00000	0.875000	SAME	SAME		TEXAS	36	4N	13E	NN	ATOKA	PANTERA ENERGY COMPANY
1508120367	KMU 12-2 (CHARLES 2-12) WIW	1.000000	0.875000	SAME	SAME	KS	HASKELL	12	295	34W		multiple	PANTERA ENERGY COMPANY
1508120370	KMU 13-2 (HUNGATE 5-13)	1.00000	0.875000	SAME	SAME		HASKELL	13	295	34W		multiple	PANTERA ENERGY COMPANY
1508120847	KMU 13-5 (HUNGATE A-6) WIW	1.00000	0.875000	SAME	SAME		HASKELL	13	295	34W		MARMATON	PANTERA ENERGY COMPANY
1517510140	KELLER 1-25	1.00000	0.875000	SAME	SAME		SEWARD	25	33S	32W		LOWER	PANTERA ENERGY COMPANY
1517521616	KELLER D-1 (L MORROW)	1.00000	0.875000	SAME	SAME	KS	SEWARD	25	33S	32W		LOWER	PANTERA ENERGY COMPANY
1508120190	KMU 14-1 (YUNCKER 2-14)	1.00000	0.875000	SAME	SAME		HASKELL	14	29S	34W		MARMATON	PANTERA ENERGY COMPANY
3500723224	LAW D-1	0.966535	0.787069	SAME	SAME		BEAVER	21	3N	22E		CHESTER	PANTERA ENERGY COMPANY
3500722697	LAW FARMS 1-21	0.728016	0.593271	SAME	SAME	Г	BEAVER	21	3N	22E		CHESTER	PANTERA ENERGY COMPANY
3500722974	LAW FARMS 3-21	0.746098	0.607963	SAME	SAME	X	BEAVER	21	3N	22E		CHESTER	PANTERA ENERGY COMPANY
1505500393	LEAVITT 1	1.000000	0.875000	SAME	SAME		FINNEY	17	235	34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520381	LEAVITT 3	1.00000	0.875000	SAME	SAME		FINNEY	17	235	34W	W2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520740	LEAVITT 4-17	1.00000	0.875000	SAME	SAME	Ks	FINNEY	17	23S	34W	NE	DEEP	PANTERA ENERGY COMPANY
1505500622	LEE 1	1.00000	0.875000	SAME	SAME		FINNEY	32	255		SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520300	LEE 2	0.80000	0.683594	SAME	SAME		FINNEY	32	255	34W	W2E2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1508120233	KMU 14-2 (YUNCKER 5-14)	1.00000	0.875000	SAME	SAME	KS	HASKELL	14	29S	34W		MARMATON	PANTERA ENERGY COMPANY
1508120846	KMU 14-3 (YUNCKER A-8)	1.00000	0.875000	SAME	SAME	KS	HASKELL	14	29S	34W		MARMATON	PANTERA ENERGY COMPANY
1517571584	I ENADMI TRIJET D 4 (AAOBOOLAN)	1 000000	0 750453	CANAC	CAME	Γ							THE PARTY CONTRACTOR
toot		T-UUUUU	0.420	SAME	ISAME	KS	SEWARD	32	34S	32W		ILOWER	PANTERA ENERGY COMPANY

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3513930209	LEVALLEY A-1	1.00000	0.875000	SAME	SAME	ок Тт	TEXAS 1	19	6N	13E		MORROW C	PANTERA ENERGY COMPANY
1517520231	LIGHT 1-5	0.000000	0.125000	SAME	SAME		SEWARD 5			32W		LOWER	EDISON OPERATING COMPANY LLC
1505500727	LOCKWOOD 1	1.00000	0.875000	SAME	SAME					34W N	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520298	LOCKWOOD 2	1.000000	0.875000	SAME	SAME		FINNEY 1	14	26S	34W N	NZ	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520823	LOCKWOOD 3-14	1.00000	0.875000	SAME	SAME	KS FI	FINNEY 1	14	26S	34W N	NENW	DEEP	PANTERA ENERGY COMPANY
3500721962	LOEPP B-1	1.000000	0.781498	SAME	SAME			34 34		21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518921778	LOFLIN A-2	0.566093	0.495331	SAME	SAME	KS S1	STEVENS 1	1	33S	38W		LOWER	PANTERA ENERGY COMPANY
1508121350	KMU 14-5 (YUNCKER A-9) WIW	1.00000	0.875000	SAME	SAME		HASKELL 1	14				multiple	PANTERA ENERGY COMPANY
1508120854	KMU 14-6 (YUNCKER B-2) WIW	1.000000	0.875000	SAME	SAME						SWNENE	MARMATON	PANTERA ENERGY COMPANY
1509321492	LOUCKS A-3	0.750000	0.656250	SAME	SAME						NWNE	CHASE	PANTERA ENERGY COMPANY
1509300443	LOUCKS A-1	0.750000	0.656250	SAME	SAME		KEARNY 1	18			E2E2SW	CHASE GROUP	PANTERA ENERGY COMPANY
1509320382	LOUCKS A-2	0.750000	0.656250	SAME	SAME		KEARNY 1	18	24S	36W S	SWNW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509300432	LOUCKS B-1	0.750000	0.656250	SAME	SAME		KEARNY 8	8	24S	36W S	SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1509321496	LOUCKS B-3	0.750000	0.656250	SAME	SAME		KEARNY 8			36W N	NENE	CHASE	PANTERA ENERGY COMPANY
3500724365	LOWREY A-1 (B CHESTER)	1.00000	0.812500	SAME	SAME		BEAVER 3	36 1		20E		ESTER	PANTERA ENERGY COMPANY
3500722247	LYNCH 1-1	0.252886	0.205470	SAME	SAME	OK BI			4N	21E			MONTEREY PRODUCTION COMPANY LLC
3500721924	LYNCH C-1	0.983430	0.831616	SAME	SAME					21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1517521124	MAHONEY A-1	1.00000	0.875000	SAME	SAME			27		34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521388	MALIN A-3	1.00000	0.875000	SAME	SAME				33S 3	34W		CHESTER	PANTERA ENERGY COMPANY
1517521633	MALIN A-4	1.00000	0.875000	SAME	SAME					34W		LOWER	PANTERA ENERGY COMPANY
1517521691	MALIN B-1 (U MORROW)	1.00000	0.812500	SAME	SAME				33S	32W		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3500721328	MANSFIELD A 1 ST 6321	0.250000	0.205790	SAME	SAME		Γ			22E		CHESTER	NATURAL GAS ANADARKO COMPANY
1517520498	MARCELLUS A-1	1.00000	0.875000	SAME	SAME	Γ				34W		CHESTER 2	PANTERA ENERGY COMPANY
1508120909	KMU 14-7 (YUNCKER B-3) WIW	1.00000	0.875000	SAME	SAME	Г				34W		CHESTER	PANTERA ENERGY COMPANY
3513922723	KREY D-1 (MORROW F)	1.000000	0.875000	SAME	SAME	Γ		31 (6N	12E		MORROW F	PANTERA ENERGY COMPANY
3513922769	KREY D-2 (MORROW F)	1.00000	0.875000	SAME	SAME					12E		MORROW F	PANTERA ENERGY COMPANY
1517530014	MCAHREN A-1	1.000000	0.859375	SAME	SAME					33W		LOWER	PANTERA ENERGY COMPANY
1517520060	MCAHREN B-1	1.000000	0.859375	SAME	SAME		٥			33W		UPPER CHESTER	PANTERA ENERGY COMPANY
3513922404	MCCLANAHAN 3-32	1.000000	0.878955	SAME	SAME					12E		MORROW C	PANTERA ENERGY COMPANY
1517510148	MCCLURE E-1	1.00000	0.875000	SAME	SAME					31W		LOWER	PANTERA ENERGY COMPANY
1517521613	MCCLURE I-1 (L MORROW)	1.00000	0.875000	SAME	SAME				34S	31W		LOWER	PANTERA ENERGY COMPANY
1517520424	MCGEE 2	0.00000	0.109375	SAME	SAME		SEWARD 1	18		34W S	SW SW SE	RESERVOIR 01	EXTREME ENERGY CO.
1505500482	MCGONIGAL 1	1.00000	0.875000	SAME	SAME						NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520277	MCGONIGAL 1-2	1.00000	0.875000	SAME	SAME						NN	CIL GROVE	PANTERA ENERGY COMPANY
1505520750	MCGONIGAL 3-18	1.000000	0.875000	SAME	SAME				24S	34W N	NENW	DEEP	PANTERA ENERGY COMPANY
1517530082	LEMERT A-1	1.00000	0.875000	SAME	SAME		0			34W		TORONTO 2	PANTERA ENERGY COMPANY
3513922888	LONG C-1 (CHEROKEE)	1.000000	0.812500	SAME	SAME	OK TE		12 4		13E		CHEROKEE	
3513922852	LONG D-1 (U MORROW)	1.000000	0.812500	SAME	SAME					14E		2	
1517521743	LEMERT C-1 (B CHESTER)	1.000000	0.875000	SAME	SAME					33W		IESTER	PANTERA ENERGY COMPANY
1517520510	MATKIN A-1	1.000000	0.850220	SAME	SAME			34				CHESTER	PANTERA ENERGY COMPANY
1517521749	MATKIN A-3 (SWD)	1.00000	N/A	SAME	SAME	KS SE	SEWARD 3		34S	34W S	SESW		PANTERA ENERGY COMPANY
3513935820	MCMURRY A-1	0.632261	0.550345	SAME	SAME	0K	TEXAS 1	16 6		10E		TOPEKA 2	PANTERA ENERGY COMPANY
1517521199	MEHL A-2	1.00000	0.859375	SAME	SAME		SEWARD 2		34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
3513920796	MESSINGER A-1	1.00000	0.875002	SAME	SAME		TEXAS 1			12E		>	
3500722331	MATKIN B-1 (U MORROW)	0.750000	0.609375	SAME	SAME			6		20E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518922431	METTS A-4	0.50000	0.437500	SAME	SAME							ST. LOUIS	PANTERA ENERGY COMPANY
1518922437	METTS A-5	1.00000	0.950000	0.500000	0.512500		STEVENS 1	12		38W N	NW	MORROW	PANTERA ENERGY COMPANY
1517520526	MCHARGUE A-2	1.000000	0.875000	SAME	SAME			2			NESW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521681	MILHON B-1 (CHESTER)	1.000000	0.812500	SAME	SAME		SEWARD 4	4	33S	32W		CHESTER	PANTERA ENERGY COMPANY
1517521751	WILHON B-3	1.000000	0.812500	SAME	SAME	KS St	SEWARD 4	4	33S	32W		CHASE	PANTERA ENERGY COMPANY

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958025/151	IMCHARGUE A-3 (OIL)	1.00000	0.875000	SAME	SAME	KS S	SEWARD	7	335	34W		SIL LOUIS	PAN IERA ENERGI COMPANI
1517521652	MCHARGUE A-4 (ST LOUIS)	1.000000	0.875000	SAME	SAME	Γ		2	33S	34W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517522286	MCHARGUE A-5	1.00000	0.875000					2	33S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517522287	MCHARGUE A-6	1.00000	0.875000				SEWARD	2	335	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1508121061	MLP BLACK 2-3	0.000000	0.051693	SAME	SAME		HASKELL	8	30S	34W		CHESTER	EDISON OPERATING COMPANY LLC
1508121459	MLP BLACK 3-2	0.250000	0.246914	SAME	SAME	KS	HASKELL	2		34W	SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121067	MLP BLACK 3-3	0.00000	0.051693	SAME	SAME		HASKELL	3	305	34W		CHESTER	EDISON OPERATING COMPANY LLC
1508121499	MLP BLACK 4-2	0.250000	0.246914	SAME	SAME	KS	HASKELL	2	305	34W	E SE SW		EDISON OPERATING COMPANY LLC
1508121068	MLP BLACK 4-3	0.000000	0.051693	SAME	SAME	KS	HASKELL	8	30S	34W		BASAL CHESTER	EDISON OPERATING COMPANY LLC
1508121158	MLP BLACK 5 3	0.50000	0.465000	SAME	SAME	KS	HASKELL	m	30S	34W		MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508121204	MLP CLAWSON TRUST 1 35	0.50000	0.496250	SAME	SAME		HASKELL	35	29S	34W	NW SW		EDISON OPERATING COMPANY LLC
1508121220	MLP CLAWSON TRUST 2 35	0.250000	0.296250	SAME	SAME			35	29S	34W	WW WW		EDISON OPERATING COMPANY LLC
1508121505	MLP CLAWSON TRUST 4-34	0.00000	0.051693	SAME	SAME	Γ		34	295	34W	NWSW	CHESTER	EDISON OPERATING COMPANY LLC
1508121422	MLP CLAWSON TRUST 4-35	0.250000	0.296250	SAME	SAME			35	295	34W	SESW	CHESTER	CHESAPEAKE OPERATING INCORPORATED
1517521730	MCHARGUE B-1	1.000000	0.836778	SAME	SAME	Γ	SEWARD	14	35S	34W		TORONTO	PANTERA ENERGY COMPANY
1518922381	MLP CLOSE E-1	0.512054	0.482526	SAME	SAME	KS		34	31S	39W			PANTERA ENERGY COMPANY
1518921336	METTS A-2	1.000000	0.912500	SAME	SAME	Γ		12	32S	38W		LOWER	PANTERA ENERGY COMPANY
1518922449	METTS A-6	0.50000	0.512500	SAME	SAME		STEVENS	12	32S	38W	NW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521231	MLP BAUGHMAN A	0.862500	0.755000	SAME	SAME		SEWARD	18	31S	34W		MARMATON	PANTERA ENERGY COMPANY
1518921559	MLP KANSAS UNIVERSITY A-1	0.862500	0.755616	SAME	SAME	Γ	STEVENS	20	31S	38W		MORROW	PANTERA ENERGY COMPANY
1508121058	MLP LEATHERS LAND 2-10	0.000000	0.051693	SAME	SAME	Γ	HASKELL	10	30S	34W		MORROW	EDISON OPERATING COMPANY LLC
1508121230	MLP LESUE 1-26	0.50000	0.465000	SAME	SAME			26	295	34W	SESE	ST. GENEVIEVE	CHESAPEAKE OPERATING INCORPORATED
1517521374	MLP BAUGHMAN B-1, NOW MLP BAUGHMAN "C" 1	0.862500	0.755000	SAME	SAME	Γ	SEWARD	18	31S	34W		CHESTER	PANTERA ENERGY COMPANY
1508121236	MLP BLACK 1 2	0.50000	0.443828	SAME	SAME		HASKELL	2	30S	34W	NW NW		EDISON OPERATING COMPANY LLC
1508121444	MLP BLACK 2-2	0.50000	0.443828	SAME	SAME	KS		2	30S	34W	NW	CHESTER,	EDISON OPERATING COMPANY LLC
1518922330	MLP CLOSE A-1	0.512054	0.474643	SAME	SAME			34	31S		NESW		PANTERA ENERGY COMPANY
1518922316	MLP CORNELL UNIVERSITY A-1	0.612500	0.490000	SAME	SAME		STEVENS	15	32S		SW SW		PANTERA ENERGY COMPANY
1508121172	MLP SANTALA 2-26	0.50000	0.465000	SAME	SAME		HASKELL	26	29S	34W	SE SW NE		EDISON OPERATING COMPANY LLC
1508121170	MLP SANTALA 3-26	0.50000	0.465000	SAME	SAME		HASKELL	26	29S	34W		MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508120858	MLP SANTALA A-1-26	0.50000	0.465000	SAME	SAME		HASKELL	26	29S	34W		KANSAS CITY	EDISON OPERATING COMPANY LLC
1508121151	MLP SCHNELBACHER TRUST 1-4	0.50000	0.465000	SAME	SAME		HASKELL	4	30S	34W		MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508121187	MLP SCHNELBACHER TRUST 2-4	0.50000	0.465000	SAME	SAME		HASKELL	4		34W	NZSWSE	MERAMEC	CHESAPEAKE OPERATING INCORPORATED
1508121200	MLP SCHNELBACHER TRUST 3-4	0.50000	0.465000	SAME	SAME			4	30S	34W		MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1518922338	MLP SHANK A-1	0.000000	0.065000	SAME	SAME		STEVENS	31	31S	38W	SE SW		SCOUT ENERGY MANAGEMENT LLC
1518921445	MLP DALE A-1	0.862500	0.755000	SAME	SAME	KS	STEVENS	19	31S	38W		MORROW	PANTERA ENERGY COMPANY
1508121616	MLP TILLER A-2	0.000000	0.065000	SAME	SAME		HASKELL	10	29S	34W		CHESTER	EDISON OPERATING COMPANY LLC
1508121232	MLP WINSTED A-6	0.000000	0.065000	SAME	SAME		HASKELL	22	29S	34W	SE SE SE	ST. LOUIS	DARRAH OIL COMPANY LLC
1506721115	MLP GILMORE 'A' 1	0.862500	0.755000	SAME	SAME	KS	GRANT	26	30S	35W	SW NW SE	CHESTER	PANTERA ENERGY COMPANY
1518922311	MLP YOUNGREN B-1	0.000000	0.065000	SAME	SAME		STEVENS	11	32S	39W	NW SW		PIONEER NATURAL RESOURCES USA, INC.
1517521449	MLP YOUNG TRUST 1-5	0.50000	0.465001	SAME	SAME	KS	SEWARD	5	31S	34W	C SE SW	BSL CHESTER	PANTERA ENERGY COMPANY
1505500583	MOODY 1 (SWD)	1.000000	N/A	SAME	SAME	KS	FINNEY	29	25S	33W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520297	MOODY 2	1.000000	0.875000	SAME	SAME		FINNEY	29	255	33W	SESENW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520826	MOODY, EC 3-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	255	33W	SESENE	DEEP	PANTERA ENERGY COMPANY
1505522327	MOODY, EC 4-29	1.000000	0.875000	SAME	SAME		FINNEY	29	255	33W	SE SW NW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505522352	MOODY, EC 5-29	1.00000	0.875000	SAME	SAME		FINNEY	29	25S	33W	SE NE NW SW	PAWNEE,	PANTERA ENERGY COMPANY
1518922303	MLP SIMMONS A 1	0.612500	0.490000	SAME	SAME		STEVENS	15	325	39W	NW NW		PANTERA ENERGY COMPANY
1505522415	MOODY, EC 6-29	1.000000	0.875000	SAME	SAME	ß	FINNEY	29	25S	33W	SE NW SW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505500718	MOODY, WM 1	1.000000	0.875000	SAME	SAME		FINNEY	5	26S		SENW	CHASE GROUP	PANTERA ENERGY COMPANY
3500722659	MORRIS LEON 1-12	0.978820	0.768746	SAME	SAME		BEAVER	12	ЗN	21E	NE	CHESTER	PANTERA ENERGY COMPANY
1505531573		0 675000	0 546975	CANAL			Contraction of the local division of the loc					LOVIN	

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1505500687	MOWBRAY 1	0000000	C/00+C'D	SHIVE				507	V25 030V				PANIEKA ENEKGY COMPANY
1505520357	MOWBRAY 2	0.625000	0.546875	SAME	SAME	KS F	FINNEY 8	26S	S 33W	V N2	8	SROVE	PANTERA ENERGY COMPANY
1518921182	MYRICK A-1	1.00000	0.875000	SAME	SAME	KS S	STEVENS 25		S 35W	~	M	MORROW	PANTERA ENERGY COMPANY
1518922149	MYRICK A-2 (L MORROW)	1.00000	0.875000	SAME	SAME		STEVENS 25	335	S 35W	>	FC	LOWER	PANTERA ENERGY COMPANY
1505520267	MOODY, WM 2-5	0.936564	0.803087	SAME	SAME		FINNEY 5	265	S 34W	V NWSE		COUNCIL GROVE	PANTERA ENERGY COMPANY
1517520410	NIX D-1	1.00000	0.875000	SAME	SAME	KS S	SEWARD 27	335	S 34W	>	Σ	MORROW	PANTERA ENERGY COMPANY
1517521571	NIX K-1 (CHESTER)	1.00000	0.875000	SAME	SAME	KS S	SEWARD 33	335	S 34W	~	Ċ	CHESTER	PANTERA ENERGY COMPANY
1505500729	NOLAN 1	1.00000	0.875000	SAME	SAME		FINNEY 16		S 34W		NENESW CH	CHASE GROUP	PANTERA ENERGY COMPANY
1505520268	NOLAN 2	1.00000	0.875000	SAME	SAME		FINNEY 16		S 34W		SESENW CC	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520824	NOLAN 4-16	1.000000	0.875000	SAME	SAME		FINNEY 16		S 34W		SWSESW DE	DEEP	PANTERA ENERGY COMPANY
1505500692	NOLAN B-1	1.000000	0.875000	SAME	SAME	KS	FINNEY 13		S 33W	V NESW			PANTERA ENERGY COMPANY
1505520895	NOLAN B-2-13	1.00000	0.875000	SAME	SAME	Γ	FINNEY 13		S 33W	WNWN V		CHASE GROUP	PANTERA ENERGY COMPANY
1505520835	OHMES 2-22	1.00000	0.875000	SAME	SAME				S 32W	VWWW N		DEEP	PANTERA ENERGY COMPANY
3500722170	PATTERSON C-1	0.718750	0.594727	SAME	SAME	Γ		SN				UPPER CHESTER	PANTERA ENERGY COMPANY
3500724304	PATTERSON COMPANY A 1-27	1.00000	0.844044	SAME	SAME	Γ	BEAVER 27		J 21E	NE	Ċ	CHESTER	PANTERA ENERGY COMPANY
3500722105	PENNER B-1	0.468750	0.397339	SAME	SAME	0K	BEAVER 35	5N	J 21E		ñ	UPPER CHESTER	PANTERA ENERGY COMPANY
1518921612	PERRY A-2	1.00000	0.812500	SAME	SAME	KS S	STEVENS 4	335	S 38W	>	2	LOWER	PANTERA ENERGY COMPANY
1518921555	PERRY B-1	1.00000	0.875000	SAME	SAME	Γ	STEVENS 4	335		>	P	LOWER	PANTERA ENERGY COMPANY
1509300092	PIEPER 1-20	0.983398	0.806694	SAME	SAME				S 35W	>	Ċ		PANTERA ENERGY COMPANY
1509321538	PIEPER A-2H (INFILL)	0.983398	0.806694	SAME	SAME		KEARNY 20		S 35W		Ċ	CHASE	PANTERA ENERGY COMPANY
1505520584	PINEY 3	1.000000	0.875000	SAME	SAME					MN N	ă		PANTERA ENERGY COMPANY
1505520601	PINEY 5	1.00000	0.875000	SAME	SAME	Γ					ä	DEEP	PANTERA ENERGY COMPANY
1505520828	MOODY, WM 3-5	1.00000	0.875000	SAME	SAME	KS			S 34W	V NWSE		DEEP	PANTERA ENERGY COMPANY
1505522569	MOODY. EC 7-29	1.000000	0.875000	SAME	SAME						NW SW	SIUG	PANTERA ENERGY COMPANY
1517521400	MORGAN N-1	1.00000	0.901042	SAME	SAME	Γ		325					PANTERA ENERGY COMPANY
1505500467	POTTER 1	1.00000	0.875000	SAMF	SAME	Γ	Γ	24		V SWNE		ROUP	PANTERA ENERGY COMPANY
1505520324	POTTER 2	1.00000	0.875000	SAME	SAME		Γ	24S				3	PANTERA ENERGY COMPANY
1505520744	POTTER 3-3	1.00000	0.875000	SAME	SAME		FINNEY 3	24				_	PANTERA ENERGY COMPANY
1505520833	POTTER 4-3	1.00000	0.875000	SAME	SAME	KS	FINNEY 3	24	S 34W			DEEP	PANTERA ENERGY COMPANY
1505520485	POTTER D-2	1.00000	0.863281	SAME	SAME		FINNEY 21		S 32W	V SWNE		SAINT LOUIS	PANTERA ENERGY COMPANY
1505520615	POTTER D-3	1.00000	0.875000	SAME	SAME				S 32W		LE LE		PANTERA ENERGY COMPANY
1505520425	POTTER, UI D-1	1.00000	0.875000	SAME	SAME		FINNEY 21		S 32W	V NWSE		COUNCIL GROVE	PANTERA ENERGY COMPANY
3513935247	POWELL (SWD)	1.00000	N/A	SAME	SAME		TEXAS 23		4 13E				PANTERA ENERGY COMPANY
3513935830	POWELL B-1	0.969557	0.851692	0.9340098	0.82477681	OK 1	TEXAS 25	6N	4 12E		n	PPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513920769	POWELL C-1	1.00000	0.875000	SAME	SAME	0K	TEXAS 35		4 13E		ī	PPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
1517520860	POWELL D-2	0.50000	0.437500	SAME	SAME	KS S	SEWARD 26	345	IS 34W	>	ST	ST. LOUIS	PANTERA ENERGY COMPANY
3513920251	PRICE C-1	1.00000	0.875000	SAME	SAME		TEXAS 9	4N	4 14E		Ū		PANTERA ENERGY COMPANY
3513921200	PRICE D-2	0.750000	0.656250	SAME	SAME	XO	TEXAS 9	44	4 14E		Ð	CHEROKEE	PANTERA ENERGY COMPANY
1517521317	MORGAN B-2 (ST LOUIS)	1.000000	0.901042	SAME	SAME		SEWARD 8	325	SS 33W	٨	S	ST. LOUIS	PANTERA ENERGY COMPANY
1517521611	PRINTZ A-3 (L MORROW)	1.00000	0.875000	SAME	SAME	KS S	SEWARD 2	35	S 34W	>	P	LOWER	PANTERA ENERGY COMPANY
3513923122	QUIGLEY DAVIS A-2	0.541667	0.583333	SAME	SAME		TEXAS 23		4 10E		TC		PANTERA ENERGY COMPANY
3513923344	QUIGLEY DAVIS A-3	1.00000	0.875000	0.541667	TBD		TEXAS 23			SW	TC		PANTERA ENERGY COMPANY
3500723305	RADCLIFF A-1	1.00000	0.808438	SAME	SAME	OK	BEAVER 23		V 23E		L	L MORROW & U	PANTERA ENERGY COMPANY
1517521332	MORGAN B-3 (ST LOUIS)	1.000000	0.901042	SAME	SAME	KS	SEWARD 8	325	SS 33W	٨	SI	ST. LOUIS	PANTERA ENERGY COMPANY
1505500385	RAMSEY 1	0.250000	0.218750	SAME	SAME	KS	FINNEY 10		34W	>	Ū	CHASE	SCOUT ENERGY MANAGEMENT LLC
1505521254	RAMSEY GAS UNIT 2HI -1	0.250000	0.218750	SAME	SAME	KS	FINNEY 10		SS 34W		NESWSW CH	CHASE	SCOUT ENERGY MANAGEMENT LLC
1518921609	RATCLIFF B-2	1.00000	0.875000	SAME	SAME		STEVENS 18		37W	>	FC	LOWER	PANTERA ENERGY COMPANY
1518922148	RATCLIFF B-3 (L MORROW)	1.000000	0.875000	SAME	SAME		STEVENS 18					LOWER	PANTERA ENERGY COMPANY
3500722579	RAVENSCROFT 13-2	0.00000	0.015625	CAMF	CAME		DEAV/ED 13		200	CLA/CLA/	111		HINTINGTON ENERGY LLC
					TIMIC	J					Momo		TONIINOLON ENERGI LEC

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3513920778	NICHOLAS B-1	1 00000	0.875377	SAME	SAME	DK 1	TEXAS	24	4N	12E		MORROW	PANTERA ENERGY COMPANY
1505520691	REEVE FEDERAL 32-2	1.000000	0.875000	SAME	SAME						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						NENW		PANTERA ENERGY COMPANY
3500724321	PLETT TRUST A-1 (CHESTER)	1.00000	0.781498	SAME	SAME		BEAVER	20		21E		CHESTER	PANTERA ENERGY COMPANY
1517520009	RICE A-1 (MORROW)	1.00000	0.875000	SAME	SAME		SEWARD	27		33W		LOWER	PANTERA ENERGY COMPANY
1505500685	RIGGS 1	0.181053	0.158422	SAME	SAME		FINNEY	9		33W	SESW	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION
1505520786	RIGGS 1-2	0.181053	0.158422	SAME	SAME		FINNEY	5	26S	33W	SENW		CASILLAS PETROLEUM CORPORATION
1505520396	RIGGS A-1	0.181054	0.158422	SAME	SAME		FINNEY			33W	S2	OVE	CIMAREX ENERGY COMPANY
3513935832	RILEY E-1	1.000000	0.875000	SAME	SAME		TEXAS			12E		MORROW C	PANTERA ENERGY COMPANY
1517521594	ROCO BLASER 1-29	0.468750	0.370313	SAME	SAME	KS S	SEWARD :			32W	MNWN	MORROW	EDISON OPERATING COMPANY LLC
3513935253	ROGER 1-18	1.000000	0.875000	SAME	SAME	DK 1	TEXAS :		4N	13E		UPPER MORROW	PANTERA ENERGY COMPANY
1517521197	ROONEY B 1-7	0.000000	0.017515	SAME	SAME		SEWARD	7	31S	34W			BEREXCO LLC
1517521217	ROONEY B 2-7	0.000000	0.017515	SAME	SAME	Γ	SEWARD 7	7	31S	34W			BEREXCO LLC
1517521381	ROONEY B 3-7	0.000000	0.017515	SAME	SAME	KS S	SEWARD	7	31S	34W			BEREXCO LLC
1517521471	ROONEY B 4-7	0.00000	0.017515	SAME	SAME			7		34W			MCCOY PETROLEUM CORPORATION
1509300354	ROTH 1-7	0.184711	0.164971	SAME	SAME	Γ	KEARNY	7		38W	SE	CHASE	SCOUT ENERGY MANAGEMENT LLC
1505521234	ROTH 1-9	0.000000	0.175000	SAME	SAME			6	235	34W			HARRIS OIL & GAS COMPANY
1505521425	ROTH 2-9	1.000000	0.875000	SAME	SAME			6		34W	SWSWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
3500724440	SAGER 2	0.000000	0.013672	SAME	SAME					22E		CHESTER	MONTEREY PRODUCTION COMPANY LLC
1517521360	MORGAN K-1A -CMNGLD-	1.000000	0.901042	SAME	SAME	KS					W SE SE NE	CHESTER, ST	PANTERA ENERGY COMPANY
1517521413	SANTA FE E-1	1.00000	0.750000	SAME	SAME	Γ					NENW	CHESTER	PANTERA ENERGY COMPANY
1517521441	SANTA FE E-2	1.00000	0.750000	SAME	SAME	Γ	Γ					CHESTER	PANTERA ENERGY COMPANY
1517521456	SANTA FE E-3	1.000000	0.750000	SAME	SAME					33W		CHESTER	PANTERA ENERGY COMPANY
1517521566	SANTA FE E-4 (ST GENEVIEVE)	1.000000	0.750000	SAME	SAME					33W		ST. GENEVIEVE	PANTERA ENERGY COMPANY
1517521465	SANTA FE E-5 (SWD)	1.000000	N/A	SAME	SAME				32S	33W		PERMIAN	PANTERA ENERGY COMPANY
1517521748	SANTA FE LAND A-4 (CHESTER)	1.000000	0.750000	SAME	SAME					33W		CHESTER	PANTERA ENERGY COMPANY
3500736461	SARGENT GEORGE A-2	0.000000	0.015625	SAME	SAME	OK	BEAVER			20E		MORROW-	HUNTINGTON ENERGY LLC
1505500582	SCHEER 1	1.000000	0.875000	SAME	SAME					33W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520319	SCHEER 2	1.000000	0.875000	SAME	SAME	KS F					SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520831	SCHEER 3-28	1.000000	0.875000	SAME	SAME			28			SENWSE	DEEP	PANTERA ENERGY COMPANY
3513920209	SHACKELFORD A -1	1.000000	0.875000	SAME	SAME		TEXAS :			13E		CHEROKEE 2	PANTERA ENERGY COMPANY
3513922913	SHACKELFORD A-2 (CHEROKEE)	1.000000	0.875000	SAME	SAME					13E		CHEROKEE	PANTERA ENERGY COMPANY
1505500479	SHARER 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	15	24S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520737	SHARER 3-15	1.000000	0.875000	SAME	SAME						SWSE	DEEP	PANTERA ENERGY COMPANY
1505520342	SHARER D-1-15	1.000000	0.875000	SAME	SAME	KS	FINNEY	15		34W	NWNW	COUNCIL GROVE	PANTERA ENERGY COMPANY
3513921144	SHAWVER A-1	1.000000	0.875000	SAME	SAME			1		12E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY
3513921488	SHAWVER A-2	1.000000	0.875000	SAME	SAME	Xo			3N	12E		MORROW &	PANTERA ENERGY COMPANY
1518920427	SHELL 3-13	0.878052	0.768539	SAME	SAME					38W		LOWER	PANTERA ENERGY COMPANY
3500724329	PLETT TRUST B-1 (CHESTER)	0.735797	0.628493	SAME	SAME		BEAVER			21E		CHESTER	PANTERA ENERGY COMPANY
1517521674	PRIEFERT D-1 (U LANSING)	1.000000	0.875000	SAME	SAME				33S	33W		UPPER LANSING	
3500723011	RADKE A-1	1.000000	0.875000	SAME	SAME					20E		LOWER CHESTER	PANTERA ENERGY COMPANY
1505500623	SINN 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	33	25S	34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520299	SINN 2	0.900000	0.771094	SAME	SAME	KS	FINNEY	33	25S	34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520843	SINN 3	1.000000	0.875000	SAME	SAME	KS	FINNEY	33	25S	34W		DEEP	PANTERA ENERGY COMPANY
3513901110	SMITH 1-26	1.000000	0.875000	SAME	SAME		TEXAS		4N	13E		MORROW	PANTERA ENERGY COMPANY
3500724362	SMITH AC-1 (UPPER CHESTER)	1.00000	0.812500	SAME	SAME		BEAVER		4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1505520839	REEVE 4-7	1.000000	0.875000	SAME	SAME		FINNEY	7			NENE	DEEP	PANTERA ENERGY COMPANY
3500724397	SMITH AF-1-17	0.500000	0.406250	SAME	SAME		8	17		21E		BASAL CHESTER	PANTERA ENERGY COMPANY
3513922951	SMITH AG-1	1.000000	0.875000	SAME	SAME	XO	TEXAS		4N	13E		UPPER MORROW	UPPER MORROW PANTERA ENERGY COMPANY

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anHugoton Partners LLC and BCE-Mach LLC	
Conveyance and Bill of Sale between P	
ixhibit A-1 - Wells and Units to Assignment, (

		T-0000	0.875000	ISAME	SAME	IKS IFIL	FINNEY 7	265	34W	NESW	CHASE GROUP		PANIEKA ENEKGY CUMPANY
1505520266	REEVES GAS UNIT 2	1.00000	0.875000	SAME	SAME	Γ	FINNEY 7	265	5S 34W	NWSE	COUNCIL GROVE		PANTERA ENERGY COMPANY
1518922441	SMITH F-5	0.924652	0.803943	SAME	SAME		STEVENS 25		V95 39W	SE	ST. LOUIS		PANTERA ENERGY COMPANY
3513924119	SMITH L-1	1.000000	0.875000	SAME	SAME		Γ		Z 14E	NW NE SW NE			PANTERA ENERGY COMPANY
3513924122	SMITH M-1	1.00000	0.875000	SAME	SAME		TEXAS 18		A 13E	S S NE SE	COUNCIL GROVE		PANTERA ENERGY COMPANY
1518922398	SMITH F-4	0.924652	0.803943	SAME	SAME		S	5 315		NE	ST. LOUIS		PANTERA ENERGY COMPANY
3500724376	SMITH TRUST AE-1	1.00000	0.812500	SAME	SAME	OK BE	BEAVER 8	4N	V 21E		BASAL CHESTER		PANTERA ENERGY COMPANY
3500722754	SMITH W-1	1.00000	0.812500	SAME	SAME	OK BE	BEAVER 17	7 4N	V 21E		UPPER CHESTER		PANTERA ENERGY COMPANY
3500722857	SMITH X-1	1.000000	0.812500	SAME	SAME	OK BE	BEAVER 5	4N	V 21E		UPPER CHESTER		PANTERA ENERGY COMPANY
1518921393	SMITH, RL 1	0.50000	0.381250	SAME	SAME	KS ST	STEVENS 15		34S 39W		MORROW		EDISON OPERATING COMPANY LLC
3500721686	SMYRES 1	0.230000	0.167500	SAME	SAME	OK BE	BEAVER 16	5N	V 21E		CHESTER	Ö	OIL FIELD PRODUCTION INC
1508121071	SOUTH EUBANK WATERFLOOD A-2	0.138641	0.173004	SAME	SAME	Γ	HASKELL 10		34W		CHESTER/	'MORRO EL	CHESTER/MORRO EDISON OPERATING COMPANY LLC
1508121071	SOUTH EUBANK WATERFLOOD A-2 (A/K/A LEATHERS LAND 40.138641	D 40.138641	0.173004	SAME	SAME	Γ				N SE SE NW			EDISON OPERATING COMPANY LLC
1508121076	SOUTH EUBANK WATERFLOOD A-3	0.138641	0.173004	SAME	SAME	KS HA	HASKELL 10		30S 34W			MORRO EL	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			29S 34W	SW NW NW		E	EDISON OPERATING COMPANY LLC
1508121078	SOUTH EUBANK WATERFLOOD D-4	0.138641	0.173004	SAME	SAME				29S 34W		CHESTER/MORRO	MORRO EL	EDISON OPERATING COMPANY LLC
3500724400	SMITH TRUST AE-3	1.00000	0.812500	SAME	SAME		BEAVER 8		Z1E 21E		UPPER CHESTER		PANTERA ENERGY COMPANY
1505500546	SPENCE 1	1.00000	0.875000	SAME	SAME				25S 32W	NENESW	CHASE GROUP		PANTERA ENERGY COMPANY
1505520837	SPENCE 2-28	1.00000	0.875000	SAME	SAME		FINNEY 28		25S 32W	SWNENE	COUNCIL GROVE		PANTERA ENERGY COMPANY
1505521492	SPENCE 3	1.00000	0.875000	SAME	SAME						DEEP	PA	PANTERA ENERGY COMPANY
1517500118	SALLEY A-1	1.000000	0.875000	SAME	SAME	Γ	SEWARD 35		33W 33W		CHESTER	PA	PANTERA ENERGY COMPANY
1518922379	SPIKES A-6 (SWD)	1.00000	N/A	SAME	SAME					SE	LANSING	P	PANTERA ENERGY COMPANY
1518921805	SPIKES G-1	0.975817	0.853840	SAME	SAME				31S 38W		LOWER	d	PANTERA ENERGY COMPANY
3513935836	SHRAUNER B-2	1.00000	0.875000	SAME	SAME	Γ			Z 10E		WABAUNSEE		PANTERA ENERGY COMPANY
1505500539	STALEY 1	1.00000	0.875000	SAME	SAME						CHASE GROUP		PANTERA ENERGY COMPANY
1505520387	STALEY 2 (SWD)	1.00000	N/A	SAME	SAME	Г	FINNEY 2:		5S 32W	SENW	LANSING	1d	PANTERA ENERGY COMPANY
1508120916	STANTON A-2	1.00000	0.875000	SAME	SAME	KS HA			29S 34W		MARMATON		PANTERA ENERGY COMPANY
3513923395	STEPHENS 10-1	1.00000	0.937500	SAME	SAME		TEXAS 10		4 13E	SW	COUNCIL GROVE-	GROVE- P4	PANTERA ENERGY COMPANY
3500722038	STICKLER 1-12	0.250000	0.203126	SAME	SAME		BEAVER 12				CHESTER	N	WILDWOOD OPERATING LLC
3500721954	STICKLER A-1	0.747500	0.607242	SAME	SAME		BEAVER 1	3 SN			CHESTER		PANTERA ENERGY COMPANY
3513920950	STOKES A-1	1.00000	0.875000	SAME	SAME	OK TE	TEXAS 10				MORROW F		PANTERA ENERGY COMPANY
3513922686	SHRAUNER B-4 (TOPEKA)	1.00000	0.875000	SAME	SAME		TEXAS 24				TOPEKA		PANTERA ENERGY COMPANY
3513935833	SIMMONS C-1	1.000000	0.875000	SAME	SAME					SWNE	MORROW UPPER	UPPER	PANTERA ENERGY COMPANY
3513922907	SMITH AD-3-27 (PRICE)	1.000000	0.875000	SAME	SAME						CHEROKEE		PANTERA ENERGY COMPANY
1518922380	SMITH F-3 (ST LOUIS)	0.924652	N/A	SAME	SAME						ST. LOUIS		PANTERA ENERGY COMPANY
1518922426	SWALAR A-1	1.00000	0.875000	SAME	SAME					NN	LOWER	ſd	PANTERA ENERGY COMPANY
1518922430	SWALAR B-1	1.000000	0.875000	SAME	SAME					MN	MORROW	d b	PANTERA ENERGY COMPANY
1517530095	SWAN A-1	1.000000	0.888021	SAME	SAME						UPPER MORROW	ORROW P	PANTERA ENERGY COMPANY
3500725620	THOMAS_1HX-35	0.001563	0.001250	SAME	SAME				1N 20E		MARMATON		RESOURCE OIL AND GAS LLC
1517521583	TOBIAS A-1 (L MORROW)	1.000000	0.875000	SAME	SAME		SEWARD 10				LOWER		PANTERA ENERGY COMPANY
1505500658	TORELINE 1	1.000000	0.875000	SAME	SAME	KS FII	FINNEY 15				CHASE GROUP		PANTERA ENERGY COMPANY
1505520899	TORELINE 2X-15	1.00000	0.875000	SAME	SAME					NENE	DEEP		PANTERA ENERGY COMPANY
3500723540	TREGELLAS 8-1	0.00000	0.054688	SAME	SAME						MORROW		RAW CRUDE OIL & GAS LLC
3500721965	TRETBAR A-1	1.00000	0.843750	SAME	SAME		BEAVER 11				UPPER CHESTER		PANTERA ENERGY COMPANY
3513935262	TUCKER A-2	1.000000	0.875000	SAME	SAME	OK TE	TEXAS 8	SN	N 12E		MORROW G	2	PANTERA ENERGY COMPANY
1517520676	TUCKER K-1	1.00000	0.812500	SAME	SAME	KS SE	SEWARD 1			W NW SE			PANTERA ENERGY COMPANY
1517520729	TUCKER K-2 (L MORROW)	1.000000	0.812500	SAME	SAME		SEWARD 1	ä			LOWER		PANTERA ENERGY COMPANY
1517521772	TUCKER M-1 (B CHESTER)	0.815033	0.694845	SAME	SAME	KS SE					BASAL CHESTER	æ	PANTERA ENERGY COMPANY
1505500397	TURRENTINE 1	1.000000	0.875000	SAME	SAME		FINNEY 21				CHASE GROUP		PANTERA ENERGY COMPANY
1505520382	TURRENTINE 3	1.000000	0.875000	SAME	SAME	KS FII	FINNEY 2:		23S 34W	SW	COUNCIL GROVE		PANTERA ENERGY COMPANY

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0.437500 SAME
0.437500 SAME
0.377686 SAME
0.826875 SAME
0.875000 SAME
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