

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form T-1

July 2014

Form must be Typed  
Form must be Signed  
All blanks must be Filled

**REQUEST FOR CHANGE OF OPERATOR  
TRANSFER OF INJECTION OR SURFACE PIT PERMIT**

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,  
MUST be submitted with this form.

Check Applicable Boxes:

- ☐ Oil Lease: No. of Oil Wells \_\_\_\_\_ \*\*
- ☐ Gas Lease: No. of Gas Wells \_\_\_\_\_ \*\*
- ☐ Gas Gathering System: \_\_\_\_\_
- ☐ Saltwater Disposal Well - Permit No.: \_\_\_\_\_
- Spot Location: \_\_\_\_\_ feet from ☐ N / ☐ S Line  
\_\_\_\_\_ feet from ☐ E / ☐ W Line
- ☐ Enhanced Recovery Project Permit No.: \_\_\_\_\_
- Entire Project: ☐ Yes ☐ No
- Number of Injection Wells \_\_\_\_\_ \*\*

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

**\*\* Side Two Must Be Completed.**

Effective Date of Transfer: \_\_\_\_\_

KS Dept of Revenue Lease No.: \_\_\_\_\_

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

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_-Sec. \_\_\_\_\_Twp. \_\_\_\_\_R. \_\_\_\_\_ ☐ E ☐ W

Legal Description of Lease: \_\_\_\_\_

County: \_\_\_\_\_

Production Zone(s): \_\_\_\_\_

Injection Zone(s): \_\_\_\_\_

Surface Pit Permit No.: \_\_\_\_\_  
(API No. if Drill Pit, WO or Haul)

\_\_\_\_\_ feet from ☐ N / ☐ S Line of Section\_\_\_\_\_ feet from ☐ E / ☐ W Line of Section

Type of Pit: ☐ Emergency ☐ Burn ☐ Settling ☐ Haul-Off ☐ Workover ☐ Drilling

Past Operator's License No. \_\_\_\_\_

Contact Person: \_\_\_\_\_

Past Operator's Name &amp; Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Title: \_\_\_\_\_

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

Signature: \_\_\_\_\_

New Operator's License No. \_\_\_\_\_

Contact Person: \_\_\_\_\_

New Operator's Name &amp; Address: \_\_\_\_\_

Phone: \_\_\_\_\_

\_\_\_\_\_

Oil / Gas Purchaser: \_\_\_\_\_

\_\_\_\_\_

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 Commission. This acknowledgment of transfer pertains to Kansas Corporation Commission records only and does not convey any ownership interest in the above injection well(s) or pit permit.

\_\_\_\_\_ is acknowledged as  
the new operator and may continue to inject fluids as authorized by  
Permit No.: \_\_\_\_\_. Recommended action: \_\_\_\_\_

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

Authorized Signature

\_\_\_\_\_ is acknowledged as  
the new operator of the above named lease containing the surface pit  
permitted by No.: \_\_\_\_\_. .

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

Authorized Signature

DISTRICT \_\_\_\_\_ EPR \_\_\_\_\_ PRODUCTION \_\_\_\_\_ UIC \_\_\_\_\_

KDOR Lease No.: \_\_\_\_\_

[illegible]

\* 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.

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Form KSONA-1  
July 2014  
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## CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*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 # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_ ☐ East ☐ West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_  
*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.*

*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 (House Bill 2032), 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: \_\_\_\_\_ Title: \_\_\_\_\_

STATE OF KANSAS

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COUNTY OF STEVENS

CONVEYANCE, ASSIGNMENT AND BILL OF SALE

**THIS ASSIGNMENT, CONVEYANCE AND BILL OF SALE** (this “*Assignment*”), is made and entered this 31st day of May, 2019, but is effective as of January 1, 2019, at 7:00 a.m. Central Daylight Time (the “*Effective Time*”), from Merit Management Partners I, L.P. (f/k/a Merit Partners, L.P.), Merit Management Partners II, L.P. (f/k/a Merit Partners II, L.P.), Merit Energy Partners III, L.P., Merit Energy Partners D-III, L.P., Merit Energy Partners E-III, L.P., Merit Energy Partners F-III, L.P., Merit Hugoton, L.P., Merit Energy Partners A, L.P., Merit Energy Partners B, L.P., Merit Energy Partners C-I, L.P., Merit Energy Partners C-II, L.P., Merit Energy Partners D-I, L.P., Merit Energy Partners D-II, L.P., Merit Energy Partners E-I, L.P., Merit Energy Partners E-II, L.P., Merit Energy Partners F-II, L.P., Merit Energy Partners V, L.P., Merit Energy Partners VI, L.P., Merit Energy Partners VIII, L.P., MEP IX, L.P., Merit Energy Partners X, L.P., Merit Energy Partners G, L.P., Merit Energy Partners H, L.P., Merit Energy Partners I, L.P., Merit Energy Partners J, L.P., each a Delaware limited partnership, and Merit Energy Company, LLC and MMGJ Arkansas, LLC (f/k/a MMGJ Hugoton III, LLC), each a Delaware limited liability company (collectively, “*Assignor*”), all of whose addresses are 13727 Noel Road, Suite 1200, Dallas, Texas 75240, to PanHugoton Partners LLC, a Delaware limited liability company (“*Assignee*”), whose address is 817 S. Polk St., Suite 201, Amarillo, TX 79101.

**WITNESSETH:**

This Assignment is made pursuant to the terms of that certain Purchase and Sale Agreement dated March [ ] 2019 by and among Merit Management Partners I, L.P. (f/k/a Merit Partners, L.P.), Merit Management Partners II, L.P. (f/k/a Merit Partners II, L.P.), Merit Energy Partners III, L.P., Merit Energy Partners III-C, L.P., Merit Energy Partners D-III, L.P., Merit Energy Partners E-III, L.P., Merit Energy Partners F-III, L.P., Merit Hugoton, L.P., each a Delaware limited partnership, and MMGJ Arkansas, LLC and Merit Energy Company, LLC, each a Delaware limited liability company, and Assignee (the “*Purchase and Sale Agreement*”).

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 and to 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; net profits interests; carried interests; farmout rights; options; and other properties and interests expressly set forth on **Exhibit A** subject to any reservations or depth restrictions with respect to the Leases described on the annexes to **Exhibit A** (subject to such reservations, the “*Leases*”), 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, as limited by the reservations and restrictions described on the annexes to **Exhibit A** (the “*Lands*”);

(b) All oil, gas, water, disposal, injection and other wells described on **Exhibit A-1**, whether producing, shut-in, abandoned or temporarily abandoned (collectively, the “**Wells**”);

(c) All rights and interests of Seller 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 Agreement as the “**Properties**”), and including all interest of Seller 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, 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)** of the Purchase and Sale Agreement, but excluding 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 7.7** of the Purchase and Sale Agreement, and further excluding all Master Services Agreements as well as the instruments constituting the Leases, Easements, or Geological Data (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 solely in connection with the Properties, but excluding any permits and other rights 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 7.7** of the Purchase and Sale Agreement (subject to such exclusions, 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 primarily 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 primarily used in connection with the operation of the Properties or any other Assets, (iii) any software related thereto (other than Enterprise Application Software) (the Assets described in this clause (f), collectively, the “**Equipment**”);

(g) All flow lines and meters (including check meters but excluding sales meters and associated measurement technology and gathering systems meters) located primarily on the Properties or used or held for use primarily 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 Leases, Lands and Wells from and after the Effective Time;

(i) All Imbalances;

(j) 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 solely related to the Assets, or used or held for use solely 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 7.7** of the Purchase and Sale 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 Agreement, (v) emails and (vi) all Geological Data other than the Geological Data described at **Section 1.2(k)** of the Purchase and Sale Agreement (such books, records, data, files and accounting records collectively, but subject to such exclusions, the "**Records**"); provided, however, that Seller may retain the originals 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) A license or assignment of an interest to the Geological Data specifically listed on **Schedule 1.2(k)** of the Purchase and Sale Agreement; provided that the Parties agree that such license shall be conveyed by Seller to Buyer pursuant to, and subject to the terms of, an intellectual property license substantially in the form of **Exhibit B-2** (the "**Geological Data License**") and such assignment shall be in the form of **Exhibit B-3** (the "**Geological Data Assignment Agreement**");

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

(m) All rights to indemnities and releases from Third Parties relating to the Properties, but only to the extent that such indemnities and releases relate to Assumed Obligations;

(n) All credit or other rights to prepaid costs, expenses, accounts payable and other disbursements for which the Purchase Price is increased pursuant to **Section 2.2** of the Purchase and Sale Agreement and **Section 9.4** of the Purchase and Sale Agreement;

(o) 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 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);

(p) All operating revenues relating to the period after the Effective Time, in each case associated with the Properties or the production of Hydrocarbons attributable to the Properties; and

(q) 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 exclusively in connection with the use, operation and exploitation of the Assets.

**EXCEPTING AND RESERVING** to Assignor, however, and excluded from the Assets (as defined above), all of 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 (whether or not relating to the Assets);

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

(c) (i) those records retained by Seller pursuant to clauses (i) through (vi) of **Section 1.2(j)** of the Purchase and Sale Agreement, (ii) copies of any Records retained by Seller pursuant to the proviso at **Section 1.2(j)** of the Purchase and Sale Agreement, and (iii) copies of any other Records retained by Seller pursuant to **Section 1.5** of the Purchase and Sale Agreement;

(d) all reserve estimates and economic estimates to the extent described in clauses (i) through (vi) of **Section 1.2(j)** of the Purchase and Sale Agreement;

(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;

(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;

(h) all work product of Seller’s attorneys, records relating to the negotiation and consummation of the transactions contemplated hereby and documents and instruments that are subject to the attorney-client privilege (other than title opinions);

(i) subject to **Section 1.2(m)**, **Section 1.2(n)**, and **Section 1.2(o)** of the Purchase and Sale Agreement, 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;

(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 **Section 1.2(d)** of the Purchased and Sale Agreement;

(l) subject to **Section 1.2(m)**, **Section 1.2(n)**, and **Section 1.2(o)** of the Purchase and Sale Agreement, 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 and Sale Agreement, and (ii) to or under any bond or bond proceeds;

(m) subject to **Section 1.2(q)** of the Purchase and Sale Agreement, 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 1.2(f)** of the Purchase and Sale Agreement, 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 1.2(f)** or **Section 1.2(q)** of the Purchase and Sale Agreement;

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

(q) any offices or office leases;

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

(s) subject to **Section 1.2(g)** of the Purchase and Sale Agreement, all pipelines, gathering systems and appurtenances thereto;

(t) any personal property that is not directly related to the Assets (unless such personal property is referenced in any of clauses (a) through (q) of **Section 1.2** of the Purchase and Sale Agreement; and

(u) any Employee Benefits Plans maintained or contributed to by Seller or any ERISA Affiliate.

Buyer acknowledges that Seller (x) owns other operated and non-operated oil and gas assets throughout the States of Kansas 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 Agreement.

**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 and Sale Agreement, and the other terms and provisions of this Assignment and of the Purchase and Sale Agreement referred to below.



This Assignment is made by Assignor and accepted by Assignee subject to the following terms and conditions:

1. **Effective Time.** This Assignment is effective as of the Effective Time.
2. **Purchase and Sale Agreement.** This Assignment is expressly made subject to the Purchase and Sale Agreement. If there is a conflict between this Assignment and the Purchase and Sale Agreement, the Purchase and Sale Agreement controls. Capitalized terms used and not otherwise defined in this Assignment are used with the meanings given thereto in the Purchase and Sale Agreement.

3. **Disclaimers.**

EXCEPT AS AND TO THE EXTENT EXPRESSLY SET FORTH IN THE PURCHASE AND SALE AGREEMENT OR IN THIS ASSIGNMENT, OR CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AND SALE AGREEMENT, (I) ASSIGNOR MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, AND (II) ASSIGNOR EXPRESSLY DISCLAIMS ALL 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 ARTICLE 5 OF THE PURCHASE AND SALE AGREEMENT, CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AND SALE 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 AND SALE 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.

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 3 are "conspicuous" disclaimers for the purpose of any applicable Law.

4. **Special Warranty of Title.** This Assignment is made, executed and delivered without warranty of title, either express or implied, except that Assignor specially warrants to Defensible Title, as such term is defined in the Purchase and Sale Agreement, to the Assets by, through and under Seller and its Affiliates, and agrees to defend such Defensible Title to the Assets against the claims and demands of all Persons claiming by, through or under Assignor or its Affiliates, but not otherwise, up to the Allocated Value.

5. **Assumption by Assignee.** In addition to its other obligations under the Purchase and Sale Agreement, Assignee is obligated to comply with all Laws, Leases, Contracts (including all joint and unit operating agreements) and prevailing industry standards relating to (i) the plugging, abandonment and/or replugging of all Wells, including inactive Wells or temporarily abandoned Wells, included in the Assets, (ii) the dismantling or decommissioning and removal of

any Equipment and other property of whatever kind related to or associated with operations and activities conducted by whomever on the Properties, or otherwise, pursuant to the Leases or Applicable Contracts and (iii) the cleanup, restoration and/or remediation of the property covered by the Leases or related to the Assets. Subject to the indemnification by certain entities constituting Assignor under **Section 11.3** of the Purchase and Sale Agreement, Assignee assumes and agrees to fulfill, perform, pay and discharge (or cause to be fulfilled, performed, paid or discharged) all of the obligations and liabilities of Assignor, known or unknown, with respect to the Assets, regardless of whether such obligations or liabilities arose prior to, on or after the Effective Time, including but not limited to obligations to (a) furnish makeup gas according to the terms of applicable gas sales, gathering or transportation contracts, and to satisfy all other gas balancing obligations, if any, (b) pay working interests, royalties, overriding royalties and other interests (including those held in suspense), (c) properly plug and abandon any and all wells (including the Wells), including inactive wells or temporarily abandoned wells, drilled on the Properties, as required by Law, (d) replug any well, wellbore, or previously plugged well on the Properties to the extent required by Governmental Body, (e) dismantle, salvage and remove any equipment, structures, materials, flowlines, and property of whatever kind related to or associated with operations and activities conducted on the Properties, (f) clean up, restore and/or remediate the premises covered by or related to the Assets in accordance with applicable agreements and Laws, (g) perform all obligations applicable to or imposed on the lessee, owner, or operator under the Leases and related contracts, or as required by applicable Laws (all of said obligations and liabilities, subject to the exclusions below, are referred to in this Assignment as the “***Assumed Obligations***”); provided, however, that the Assumed Obligations do not include, and Assignee has no obligation to assume, any obligations, liabilities, Losses, costs and expenses attributable to or of Assignor to the extent that they are:

- (i) any obligations, liabilities, Losses, costs or expenses attributable to or arising out of the Excluded Assets;
- (ii) any obligations, liabilities, Losses, costs or expenses attributable to or arise out of any contract, arrangement or relationship involving Seller or its Affiliates on the one hand, and any former, or current officer, director, manager, employee or equityholder of Seller or its Affiliates, on the other hand;
- (iii) any obligations, liabilities, Losses, costs or expenses of Seller or any of its Affiliates (A) to employees of Seller or any of its Affiliates arising under the Worker Adjustment and Retraining Notification Act of 1988, as amended (or similar state or local law), as a result of actions taken by Seller or any of its Affiliates on or prior to the Closing, (B) arising out of claims by or on behalf of employees of Seller or any of its Affiliates with respect to events that occur on or prior to the Closing and that relate to their employment with, or the terminations of their employment from, Seller or any of its Affiliates, (C) with respect to employees of Seller or any of its Affiliates arising under any “employee benefit plan” (as defined in Section 3(3) of ERISA) that is or has been sponsored by, contributed to, or

maintained by, Seller or any of its Affiliates, or (D) arising under ERISA for which Buyer may have any liability under ERISA solely as a result of the consummation of the transactions contemplated by this Agreement;

- (iv) any obligations, liabilities, Losses, costs or expenses associated with the disposal or transportation of any Hazardous Materials from the property associated with the Assets to any location not on such property or lands pooled or unitized therewith prior to the Closing (or as applicable for any Asset, prior to its delayed Closing);
- (v) any obligations, liabilities, Losses, costs or expenses arising out of or in connection with any death of or personal injury to Third Parties, where such death or injury is related to or arising out of Seller's or any of its Affiliate's ownership or operation of the Assets occurring prior to the Closing (or as applicable for any Asset, prior to its delayed Closing);
- (vi) any obligations, liabilities, Losses, costs or expenses incurred in connection with the matters disclosed on **Schedule 4.3** or **Schedule 5.9(a)** or **Schedule 5.18** of the Purchase and Sale Agreement;
- (vii) any obligations, liabilities, Losses, costs or expenses arising from or in connection with the gross negligence or criminal misconduct of Seller or any of its Affiliates;
- (viii) any obligations, liabilities, Losses, costs or expenses arising from any civil fines or penalties against Seller or any of its Affiliates;
- (ix) any obligations, liabilities, Losses, costs or expenses arising from or in connection with Proceedings existing at or prior to the Closing which involve Seller or any of its Affiliates;
- (x) any liability for Taxes of Seller, including any liability for any Asset Taxes that are attributable to any Tax period (or portion thereof) ending on or before the Effective Time; and
- (xi) any improper, incorrect or missed payments to royalty owners, arising solely with respect to the sale of Hydrocarbons produced from or allocated to the Properties prior to the Effective Time.

6. **Compliance with Law.** This Assignment is made subject to all applicable Laws that are promulgated, issued or enacted by a Governmental Body having applicable jurisdiction.

7. **Further Assignments.** **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 Governmental Body, if necessary.**

8. **Covenants Running with the Land.** 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.

9. **Counterparts.** 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 Execution Date.

**ASSIGNOR:**

**MERIT MANAGEMENT PARTNERS I, L.P.  
MERIT MANAGEMENT PARTNERS II, L.P.  
MERIT ENERGY PARTNERS III, L.P.  
MERIT HUGOTON, L.P.**

By: Merit Management Partners GP, LLC, their general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY PARTNERS E-I, L.P.  
MERIT ENERGY PARTNERS E-II, L.P.  
MERIT ENERGY PARTNERS E-III, L.P.**

By: Merit Management Partners II, L.P., their general partner

By: Merit Management Partners GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY PARTNERS F-II, L.P.  
MERIT ENERGY PARTNERS F-III, L.P.  
MERIT ENERGY PARTNERS G, L.P.**

By: Merit Management Partners III, L.P., their general partner

By: Merit Management Partners GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY PARTNERS H, L.P.**

By: Merit Management Partners IV, L.P., its general partner  
By: Merit Management Partners GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY PARTNERS I, L.P.**

By: Merit Management Group I, L.P., its general partner  
By: Merit Management Group I GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY PARTNERS J, L.P.**

By: Merit Management Group J, L.P., its general partner  
By: Merit Management Group J GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

MERIT ENERGY PARTNERS V, L.P.  
MERIT ENERGY PARTNERS VI, L.P.  
MERIT ENERGY PARTNERS VIII, L.P.  
MEP IX, L.P.  
MERIT ENERGY PARTNERS X, L.P.  
MERIT ENERGY PARTNERS A, L.P.  
MERIT ENERGY PARTNERS B, L.P.  
MERIT ENERGY PARTNERS C-I, L.P.  
MERIT ENERGY PARTNERS C-II, L.P.  
MERIT ENERGY PARTNERS D-I, L.P.

**MERIT ENERGY PARTNERS D-II, L.P.  
MERIT ENERGY PARTNERS D-III, L.P.**

By: Merit Management Partners I, L.P., their general partner  
By: Merit Management Partners GP, LLC, its general partner

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MERIT ENERGY COMPANY, LLC**

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**MMGJ ARKANSAS, LLC**

By: Kathryn Lyles  
Name: Kathryn Lyles  
Title: Assistant Secretary

**ASSIGNEE:**

**PANHUGOTON PARTNERS LLC**

By: Jason Herrick  
Name: Jason Herrick  
Title: President



STATE OF TEXAS       §  
                                  §  
COUNTY OF DALLAS   §

BEFORE ME, the undersigned Notary Public, on this day personally appeared Kathryn Lyles, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she/he, being fully authorized to do so, executed and delivered the same as Assistant Secretary of Merit Management Partners GP, LLC, Merit Management Group I GP, LLC and Merit Management Group J GP, LLC, in their capacity as the direct or indirect general partner of the above listed entities, Assistant Secretary of Merit Energy Company, LLC and MMGJ Arkansas, LLC, 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 31st day of May, 2019.



Notary Public



My Commission Expires

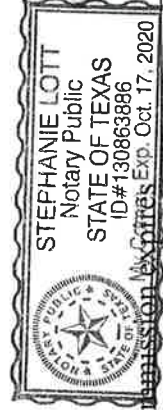
STATE OF TEXAS       §  
                                  §  
COUNTY OF DALLAS   §

BEFORE ME, the undersigned Notary Public, on this day personally appeared Jason Herrick, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that she/he, being fully authorized to do so, executed and delivered the same as President for 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 31st day of May, 2019.



Notary Public



My Commission Expires

**Exhibit A - Leases  
to Assignment, Conveyance and Bill of Sale between  
Merit Management Partners I, L.P., et. al., and PanHugoton Partners LLC**

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30376000 57277000	LEASE - OIL AND GAS	USA KSNM 00955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	10	31S38W10	31S-38W SECTION 10: SE/4 SE/4	STEVENS	2
30376000 57277000	LEASE - OIL AND GAS	USA KSNM 00955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	15	31S38W15	31S-38W SECTION 15: W/2 NE/4	STEVENS	2
84256000	LEASE - OIL AND GAS	E. B. MCKAY ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/29/1937	8	435	31S	38W	17	31S38W17	31S-38W SECTION 17: SW/4	STEVENS	2
62814000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	229	31S	38W	18	31S38W18	31S-38W SECTION 18: LOTS 3, 4, E/2 SW/4	STEVENS	2
63164000	LEASE - OIL AND GAS	WILLIAM J. SEIGEL ET AL	L. O. STANLEY	4/9/1942	11	257	31S	38W	18	31S38W18	31S-38W SECTION 18: LOTS 1, 2, E/2 NW/4	STEVENS	2
30365001 67271001	LEASE - OIL AND GAS	MARTHA L. REYNOLDS	D. D. HARRINGTON	5/4/1945	13	427	31S	38W	19	31S38W19	31S-38W SECTION 19: ALL	STEVENS	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
30365003 67271003	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	361	31S	38W	19	31S38W19	31S-38W SECTION 19: W/2, SE/4	STEVENS	2

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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, NW/4	STEVENS	2
30377000	LEASE - OIL AND GAS	KANSAS UNIT ENDOWMENT ASSOC	A. C. MOORHEAD	11/6/1942	11	329	31S	38W	20	31S38W20	31S-38W SECTION 20: SW/4	STEVENS	2
30376000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	21	31S38W21	31S-38W SECTION 21: NW/4 SE/4, SE/4 SW/4, SW/4 NE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	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
67281003	LEASE - OIL AND GAS												
30370004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	401	31S	38W	29	31S38W29	31S-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
30370005	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	29	31S38W29	31S-38W SECTION 29: SE/4	STEVENS	2

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30380000 67278000	LEASE - OIL AND GAS	R. L. SMITH	JOE E. DENHAM	9/6/1943	12	303	31S	38W	29	31S38W29	31S-38W SECTION 29: NW/4 NW/4	STEVENS	2
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
30376000 67270000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	29	31S38W29	31S-38W SECTION 29: SE/4 SW/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	31S	38W	29	31S38W29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2

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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 NB/4	STEVENS	2
30370001 67281004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	403	31S	38W	30	31S38W30	31S-38W SECTION 30: W/2, NB/4, N/2 SE/4, SE/4 SE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	30	31S38W30	31S-38W SECTION 30: SE/4 SE/4, NE/4, N/2 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

**Exhibit A - Leases  
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30370002 67281003	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	31	31S38W31	SECTION 31: SW/4, SE/4 NW/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4	STEVENS	2
30370001 67281004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	405	31S	38W	31	31S38W31	SECTION 31: SW/4, SE/4 NW/4, SE/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4, SW/4 NE/4	STEVENS	2
30376000 67270000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	31	31S38W31	SECTION 31: SE/4 NE/4	STEVENS	2
83947000	LEASE - OIL AND GAS	W. A. CAVNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	8	385	31S	38W	32	31S38W32	SECTION 32: NW/4	STEVENS	2
83950000	LEASE - OIL AND GAS	ETT A MARGARET DANIEL ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	12/7/1937	8	398	31S	38W	32	31S38W32	SECTION 32: SE/4	STEVENS	2

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30370005	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	32	31S38W32	SECTION 32, NE/4	STEVENS	2
30370006	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	409	31S	38W	32	31S38W32	SECTION 32, SW/4, 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	SECTION 33, SE/4	STEVENS	2
83947000	LEASE - OIL AND GAS	W. A. CAVNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	8	385	31S	38W	33	31S38W33	SECTION 33, W/2	STEVENS	2
62811000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	219	31S	38W	7	31S38W7	SECTION 7, LOTS 1, 2, E/2 NW/4	STEVENS	2
30409000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	223	31S	38W	7	31S38W7	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	SECTION 7, SE/4	STEVENS	2
30340000	LEASE - OIL AND GAS	R. L. SMITH ET AL.	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	31S	39W	25	31S39W25	SECTION 25, S/2	STEVENS	2
N/A	LEASE - OIL AND GAS	ALINE MAHONEY ET AL.	PANHANDLE EASTERN PIPE LINE COMPANY	6/23/1939	9	22	31S	39W	26	31S39W26	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	SECTION 26, SW/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	3	31S39W3	SECTION 3, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	EMMA PETTUOHN	PANHANDLE EASTERN PIPE LINE COMPANY	5/1/1940	10	388	31S	39W	3	31S39W3	SECTION 3, W/2, NE/4	STEVENS	2

**Exhibit A - Leases**  
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**Merit Management Partners I, L.P., et. al., and PanHugoton Partners LLC**

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	31S	39W	34	31S39W34	SECTION 34: E/2	STEVENS	2
30362000 67266000	LEASE - OIL AND GAS	J N CLOSE	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	361	31S	39W	34	31S39W34	SECTION 34: SW/4 FURTHER LIMITED TO THE WELLBORES OF THE MLP CLOSE A-1 (API 1518922381) AND MLP CLOSE E-1 (API 1518922381)	STEVENS	2
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	31S	39W	35	31S39W35	SECTION 3: W/2	STEVENS	2
30340000 84230000	LEASE - OIL AND GAS	R L SMITH ET AL	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	31S	39W	36	31S39W36	SECTION 36: N/2	STEVENS	2
30395000	LEASE - OIL AND GAS	HAZEL MCCULLOUGH ET VIR	NORTHERN NATURAL GAS SUPPLY COMPANY	5/6/1939	10	16	32S	35W	28	32S35W28	SECTION 28: NW/4	STEVENS	2
30394000	LEASE - OIL AND GAS	AGNES B. RUSSELL ET VIR	NORTHERN NATURAL GAS SUPPLY COMPANY	1/7/1946	14	143	32S	35W	28	32S35W28	SECTION 28: SW/4	STEVENS	2
30393000	LEASE - OIL AND GAS	HORTENSE M. CAMPBELL	NORTHERN NATURAL GAS COMPANY	1/30/1939	9	559	32S	35W	28	32S35W28	SECTION 28: NE/4	STEVENS	2
30392000	LEASE - OIL AND GAS	MARVIN MILLER ET UX	JOE E. DENHAM	5/3/1937	8	345	32S	35W	28	32S35W28	SECTION 28: SE/4	STEVENS	2
84004000	LEASE - OIL AND GAS	JULIA E. HECHT ET AL	REPUBLIC NATURAL GAS COMPANY	11/9/1939	9	617	32S	37W	19	32S37W19	SECTION 19: LOTS 1, 2, E/2 NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ETHEL B SPRING ET VIR	REPUBLIC NATURAL GAS COMPANY	12/14/1942	11	526	32S	37W	29	32S37W29	SECTION 29: NE/4	STEVENS	2



**Exhibit A - Leases  
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30382000	LEASE - OIL AND GAS	C. A. OLSON ET AL	ARGUS PRODUCTION COMPANY	10/26/1929	H2	299	32S	38W	1		32S-38W SECTION 1 : S/2 SE/4	STEVENS	2
84009000	LEASE - OIL AND GAS	OSCAR C. CRUMP ET UX	D. D. HARRINGTON	5/23/1945	13	515	32S	38W	11		32S-38W SECTION 11: NE/4, SW/4	STEVENS	2
84010000	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	371	32S	38W	11		32S-38W SECTION 11: NE/4, SW/4	STEVENS	2
84011000	LEASE - OIL AND GAS	E. O. ANDERSON	PANHANDLE EASTERN PIPE LINE COMPANY	2/11/1942	10	337	32S	38W	12		32S-38W SECTION 12: SW/4	STEVENS	2
84012000	LEASE - OIL AND GAS	RUBY METTS LOOMAN ET AL	THE TEXAS COMPANY	1/20/1940	10	244	32S	38W	12		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		32S-38W SECTION 12: N/2	STEVENS	2
77274000	TERM MINERAL DEED	CLARENCE H. METTS ET UX	ANADARKO PETROLEUM CORPORATION	5/1/1986	234	432	32S	38W	12		32S-38W SECTION 12: N/2	STEVENS	2
77275000	TERM MINERAL DEED	HARRY J. METTS ET UX	ANADARKO PETROLEUM CORPORATION	1/1/1986	118	57	32S	38W	12		32S-38W SECTION 12: N/2	STEVENS	2
84162000	LEASE - OIL AND GAS	SARAH SEIVERD	JOE E. DENHAM	8/6/1943	12	123	32S	38W	13		32S-38W SECTION 13: SE/4	STEVENS	2
84013000	LEASE - OIL AND GAS	ILL BANKERS LIFE ASSURANCE	REPUBLIC NATURAL GAS COMPANY	6/10/1941	10	444	32S	38W	13		32S-38W SECTION 13: NE/4, SW/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B. SUTTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	32S	38W	18		32S-38W SECTION 18: SW/4	STEVENS	2
77261000	TERM MINERAL DEED	WENDELL S. KELLER ET UX	ANADARKO PETROLEUM CORPORATION	9/16/1986	120	105	32S	38W	18		32S-38W SECTION 18: SW/4	STEVENS	2

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**Merit Management Partners I, L.P., et. al., and PanHugoton Partners LLC**

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Cocatenaite	Legal Description	County	Footnote
76907000	LEASE - OIL AND GAS	SALLIE B SUTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	32S	38W	19	32S38W19	SECTION 19: NW/4 32S-38W	STEVENS	2
84030000	LEASE - OIL AND GAS	W. E. SPALDING ET AL	D. D. HARRINGTON	5/27/1944	12	437	32S	38W	25	32S38W25	SECTION 25: SE/4 32S-38W	STEVENS	2
84199000	LEASE - OIL AND GAS	RICHARD M. STEWART ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1952	23	277	32S	38W	28	32S38W28	SECTION 28: SW/4 32S-38W	STEVENS	2
83885000	LEASE - OIL AND GAS	CENTRAL LIFE ASSURANCE SOCIETY	PANHANDLE EASTERN PIPE LINE COMPANY	1/30/1939	9	14	32S	38W	30	32S38W30	SECTION 30: SW/4 32S-38W	STEVENS	2
83958000	LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M. J. SULLIVAN	9/16/1937	8	446	32S	38W	32	32S38W32	SECTION 32: SE/4 32S-38W	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	SECTION 32: NE/4 32S-38W	STEVENS	2
84165000	LEASE - OIL AND GAS	RAYMOND D. GUSTASON ET UX	JOE E. DENHAM	7/29/1943	12	125	32S	38W	33	32S38W33	SECTION 33: NW/4 32S-38W	STEVENS	2
83872000	LEASE - OIL AND GAS	FRED W. DOLD ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	8/20/1943	12	309	32S	38W	33	32S38W33	SECTION 33: N/2 SE/4 32S-38W	STEVENS	2
83847000	LEASE - OIL AND GAS	JOHN BANE ET UX	TEXAS INTERSTATE PIPE LINE CO	6/18/1938	7	477	32S	38W	36	32S38W36	SECTION 36: S/2 32S-38W	STEVENS	2
84250000	LEASE - OIL AND GAS	GUY F. MCCLURE ET UX	TEXAS INTERSTATE PIPE LINE CO	6/4/1934	7	218	32S	38W	4	32S38W4	SECTION 4: NE/4 32S-38W	STEVENS	2
30363000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	32S	38W	5	32S38W5	SECTION 5: NW/4 32S-38W	STEVENS	2
30362000	LEASE - OIL AND GAS	J. N. CLOSE	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	361	32S	39W	10	32S39W10	SECTION 10: NW/4 32S-39W	STEVENS	2

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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	SECTION 11: NW/4 32S-39W	STEVENS	2
30364000 67263000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL.	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	39W	11	32S39W11	SECTION 11: NW/4 SW/4, S/2 SW/4 32S-39W	STEVENS	2
30368000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/18/1942	10	340	32S	39W	11	32S39W11	SECTION 11: NE/4 32S-39W	STEVENS	2
30364000 67263000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL.	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	39W	14	32S39W14	SECTION 14: N/2 NW/4 32S-39W	STEVENS	2

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30326000 67280000	LEASE - OIL AND GAS	C. O. JERREL ET UX	A. C. MOORHEAD	5/20/1943	12	171	32S	39W	14	32S39W14	SECTION 14: SW/4 NE/4, S/2 NW/4, NW/4 SW/4	STEVENS	2
30378000 67275000	LEASE - OIL AND GAS	ETHEL B SPRING	PANHANDLE EASTERN PIPE LINE COMPANY	8/17/1948	23	129	32S	39W	15	32S39W15	SECTION 15: SE/4	STEVENS	2
30381000 67279000	LEASE - OIL AND GAS	E. V. BARKER ET UX	JOE E. DENHAM	4/21/1944	12	421	32S	39W	15	32S39W15	SECTION 15: SW/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	SECTION 15: 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	15	32S39W15	SECTION 15: NE/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	SECTION 22: NW/4	STEVENS	2
84040000	LEASE - OIL AND GAS	MAUDE H. SIMMONS ET VIR	T. J. WAGNER JR	7/29/1943	12	211	32S	39W	22	32S39W22	SECTION 22: N/2 SE/4	STEVENS	2
84041000	LEASE - OIL AND GAS	G. R. HICKOK ET UX	A. C. MOORHEAD	5/28/1943	12	169	32S	39W	23	32S39W23	SECTION 23: NW/4	STEVENS	2

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76926000 84044000	LEASE - OIL AND GAS	J. C. MOON ET UX	T. J. WAGNER JR	11/16/1943	12	535	32S	39W	27		32S-39W SECTION 27: W/2 SW/4	STEVENS	2
84051000	LEASE - OIL AND GAS	DORA MOON	T. J. WAGNER JR	12/13/1943	12	549	32S	39W	27		32S-39W SECTION 27: E/2 SW/4	STEVENS	2
77276000	TERM MINERAL DEED	LARRY E. KEENAN	ANADARKO PETROLEUM CORPORATION	7/15/1986	234	432	32S	39W	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	32S	39W	27		32S-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	59	32S	39W	3		32S-39W SECTION 3: NE/4	STEVENS	2
84200000	LEASE - OIL AND GAS	W. H. MYRJICK ET UX	NORTHERN NATURAL GAS COMPANY	3/15/1951	23	367	33S	35W	25		33S-35W SECTION 25: NE/4	STEVENS	2
84201000	LEASE - OIL AND GAS	ROBERT GROTHE ET UX	NORTHERN NATURAL GAS COMPANY	3/18/1946	14	155	33S	35W	25		33S-35W SECTION 25: NW/4	STEVENS	2
84202000	LEASE - OIL AND GAS	MABEL G. GRUNE ET VIR	NORTHERN NATURAL GAS COMPANY	11/26/1947	23	73	33S	35W	25		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	33S	35W	25		33S-35W SECTION 25: S/2 SW/4, SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	WESTERN PRODUCTION COMPANY	9/11/1930	10	5	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
30397000	LEASE - OIL AND GAS	STELLA I SIMPSON	NORTHERN NATURAL GAS COMPANY	5/11/1939	10	5	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MAE S. SUMMERS ET AL	NORTHERN NATURAL GAS COMPANY	11/27/1942	11	347	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
83953000	LEASE - OIL AND GAS	ELIZABETH M. WATKINS	PANHANDLE EASTERN PIPE LINE COMPANY	9/19/1938	9	11	33S	37W	18	33S37W18	33S-37W SECTION 18: NE/4	STEVENS	2
83853000	LEASE - OIL AND GAS	CLARA R. RATCLIFF	TEXAS INTERSTATE PIPE LINE CO.	11/9/1935	7	418	33S	37W	18	33S37W18	33S-37W SECTION 18: SE/4	STEVENS	2
84348000	LEASE - OIL AND GAS	CLARA P. RATCLIFF ET AL	TEXAS INTERSTATE PIPE LINE CO.	10/16/1936	7	585	33S	37W	18	33S37W18	33S-37W SECTION 18: W/2	STEVENS	2
84364000	LEASE - OIL AND GAS	ZOLA NEVA NEEL ET VIR	ORVILLE H. PARKER	2/28/1940	9	147	33S	37W	19	33S37W19	33S-37W SECTION 19: NW/4	STEVENS	2
84365000	LEASE - OIL AND GAS	DON LILLY ET UX	ORVILLE H. PARKER	3/13/1940	9	134	33S	37W	19	33S37W19	33S-37W SECTION 19: NE/4	STEVENS	2
83838000	LEASE - OIL AND GAS	R. M. CRAWFORD	FRED PHILLIPS	6/11/1926	1	324	33S	37W	31	33S37W31	33S-37W SECTION 31: SW/4	STEVENS	2

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84056000	LEASE - OIL AND GAS	H, C. STURGEON ET AL	A, C. MOORHEAD	6/7/1973	11	631	33S	37W	9	33S37W9	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	STEVENS	2
84057000	LEASE - OIL AND GAS	A, C. MOORHEAD ET UX	D, D. HARRINGTON	11/20/1943	12	537	33S	37W	9	33S37W9	SECTION 9: SW/4 AS FURTHER DESCRIBED IN METES AND BOUNDS IN SAID LEASE	STEVENS	2
83870000	LEASE - OIL AND GAS	R, B. LOFLIN	EDW B. MCKENNA	10/28/1927	1	443	33S	38W	1	33S38W1	SECTION 1: SE/4	STEVENS	2, 24
83863000	LEASE - OIL AND GAS	R, B. LOFLIN	EDW B. MCKENNA	10/28/1927	1	442	33S	38W	1	33S38W1	SECTION 1: NE/4	STEVENS	2, 24
83856000	LEASE - OIL AND GAS	CENTRAL LIFE ASSURANCE SOCIETY	PANHANDLE EASTERN PIPE LINE COMPANY	9/5/1940	9	42	33S	38W	11	33S38W11	SECTION 11: NW/4	STEVENS	2
83857000	LEASE - OIL AND GAS	W, F. RAMEY ET UX	EDW B. MCKENNA	10/29/1927	1	465	33S	38W	11	33S38W11	SECTION 11: SW/4	STEVENS	2
67759000	LEASE - OIL AND GAS	L, M. MILLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/13/1943	12	163	33S	38W	11	33S38W11	SECTION 11: E/2 SE/4	STEVENS	2
63472000	LEASE - OIL AND GAS	L, M. MILLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/13/1943	12	165	33S	38W	11	33S38W11	SECTION 11: W/2 SE/4	STEVENS	2
62231000	LEASE - OIL AND GAS	BRUCE SMITH ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/27/1943	11	593	33S	38W	11	33S38W11	SECTION 11: NE/4	STEVENS	2

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62477000	LEASE - OIL AND GAS	E. O. SQUIRE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/9/1944	12	419	33S	38W	12	33S38W12	33S-38W SECTION 12: SW/4	STEVENS	2, 22
63139000	LEASE - OIL AND GAS	VERA SIMPSON ET AL	J. E. DENHAM	7/26/1943	12	115	33S	38W	12	33S38W12	33S-38W SECTION 12: SE/4	STEVENS	2, 22
30348000 62232000	LEASE - OIL AND GAS	BRUCE SMITH ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/27/1943	11	591	33S	38W	12	33S38W12	33S-38W SECTION 12: NW/4	STEVENS	2, 22



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63577000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	65	33S	38W	13	33S38W13	33S-38W SECTION 13: W/2	STEVENS	2, 25
63578000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	281	33S	38W	13	33S38W13	33S-38W SECTION 13: W/2	STEVENS	2, 25
63579000	LEASE - OIL AND GAS	R. E. MCKEE ET UX	GILBERT WOOD	6/6/1945	14	39	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25

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63580000	LEASE - OIL AND GAS	JIM BULL ROYALTY COMPANY	GILBERT WOOD	6/21/1945	14	29	33S	38W	13	33S38W13	33S-38W SECTION 13, SW/4	STEVENS	2, 25
63583000	LEASE - OIL AND GAS	E. W. GOEBEL, ET UX	GILBERT WOOD	2/2/1945	14	43	33S	38W	13	33S38W13	33S-38W SECTION 13, SW/4	STEVENS	2, 25
63584000	LEASE - OIL AND GAS	ARTHUR FRIEDMAN ET AL	ALF M. LONDON	5/5/1947	14	595	33S	38W	13	33S38W13	33S-38W SECTION 13, SW/4	STEVENS	2, 25

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N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/1/1945	14	31	33S	38W	13	33S38W13	33S-38W SECTION 13, NW/4	STEVENS	2, 25
63589000	LEASE - OIL AND GAS	J. G. CATLETT INC	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	203	33S	38W	13	33S38W13	33S-38W SECTION 13, NW/4	STEVENS	2, 25
63590000 84343000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	207	33S	38W	13	33S38W13	33S-38W SECTION 13, NW/4	STEVENS	2, 25

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63590000 84343000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	207	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2. 25
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/1/1945	14	25	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2. 25
76564000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2. 25

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76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	13	33S38W13	SECTION 13: SW/4 33S-38W	STEVENS	2, 25
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	13	33S38W13	SECTION 13: NW/4 33S-38W	STEVENS	2, 25
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	13	33S38W13	SECTION 13: SW/4 33S-38W	STEVENS	2, 25

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63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	13	33S38W13	SECTION 13: NW/4 33S-38W	STEVENS	2.25
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	13	33S38W13	SECTION 13: SW/4 33S-38W	STEVENS	2.25
63581000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	13	33S38W13	SECTION 13: SW/4 33S-38W	STEVENS	2.25

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63591000	LEASE - OIL AND GAS	PHILIP SHELL ET AL	JOE E DENHAM	9/8/1943	12	147	33S	38W	13	33S38W13	33S-38W SECTION 13: NE/4	STEVENS	2. 25
84366000	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	ORVILLE H. PARKER	3/15/1940	10	140	33S	38W	13	33S38W13	33S-38W SECTION 13: SE/4	STEVENS	2. 25
77284000	TERM MINERAL DEED	ROSE L. FRIEDMAN	ANADARKO PETROLEUM CORPORATION	12/1/1986	121	60	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2. 25

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84077000	LEASE - OIL AND GAS	FIDELITY ROYALTY CO. ET AL	GILBERT WOOD	1/4/1945	14	23	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4, NE/4	STEVENS	2
84078000	LEASE - OIL AND GAS	UNITED PRODUCING COMPANY INC.	GILBERT WOOD	1/11/1945	14	37	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4, NE/4	STEVENS	2
84079000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	209	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2



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84080000	LEASE - OIL AND GAS	JOSEPH WITTMAN	PANHANDLE EASTERN PIPE LINE COMPANY	12/12/1941	11	37	33S	38W	14	33S38W14	33S-38W SECTION 14: SE/4	STEVENS	2
63577000	LEASE - OIL AND GAS	MACR GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	65	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
63578000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	281	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2

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63583000	LEASE - OIL AND GAS	E. W. GOEBEL ET UX	GILBERT WOOD	2/2/1945	14	43	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
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	33S-38W SECTION 14: NE/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/1/1945	14	25	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2

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63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL.	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL.	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2

**Exhibit A - Leases**  
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
76964000 63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL.	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL.	ALF M. LANDON	7/30/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL.	ALF M. LANDON	7/30/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2

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63585000 76965000	LEASE - OIL AND GAS	BELLA R. BROIDO ET AL.	ALF M. LANDON	7/30/1947	23	31	33S	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	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	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2

**Exhibit A - Leases  
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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: NW/4	STEVENS	2
63581000	LEASE - OIL AND GAS	O. G. BITTLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	14	33S38W14	33S-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
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
84326000	LEASE - OIL AND GAS	DOSS OIL ROYALTY-COMPANY	GILBERT WOOD	2/7/1945	14	27	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/1/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2

**Exhibit A - Leases  
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N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14, SW/4	STEVENS	2
84328000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	14	33S38W14	33S-38W SECTION 14, NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	14	33S38W14	33S-38W SECTION 14, SW/4	STEVENS	2



**Exhibit A - Leases  
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concavate	Legal Description	County	Footnote
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL.	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
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
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

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63585000 76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	15	33S38W15	33S-38W SECTION 15, SE/4	STEVENS	2
63582000 76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/1/1945	14	41	33S	38W	15	33S38W15	33S-38W SECTION 15, SE/4	STEVENS	2
63581000	LEASE - OIL AND GAS	O. G. BITTLER ET UX	GILBERT WOOD	1/1/1945	14	45	33S	38W	15	33S38W15	33S-38W SECTION 15, SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2

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84329000	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	35	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	W. C. LIGHT ET UX	JOE E. DENHAM	10/18/1943	12	159	33S	38W	15	33S38W15	33S-38W SECTION 15, SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	STATE LIFE INSURANCE COMPANY	JOE E. DENHAM	6/23/1944	12	467	33S	38W	15	33S38W15	33S-38W SECTION 15, SW/4	STEVENS	2
30327000	LEASE - OIL AND GAS	J. R. FATZER	REPUBLIC NATURAL GAS COMPANY	1/15/1943	11	401	33S	38W	18	33S38W18	33S-38W SECTION 18, SE/4	STEVENS	2
30318000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	THE AGATE OIL & GAS COMPANY	2/24/1930	3	448	33S	38W	19	33S38W19	33S-38W SECTION 19, NW/4	STEVENS	2
83860000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	1	441	33S	38W	2	33S38W2	33S-38W SECTION 2, NW/4	STEVENS	2

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83868000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	1	440	33S	38W	2	33S38W2	SECTION 2: SW/4 33S-38W	STEVENS	2
84363000	LEASE - OIL AND GAS	W. E. SERIGHT ET UX	ORVILLE H. PARKER	3/8/1940	10	141	33S	38W	24	33S38W24	SECTION 24: NE/4 33S-38W	STEVENS	2
30328000	LEASE - OIL AND GAS	W. C. LIGHT ET UX	T. J. WAGNER JR	8/6/1943	12	575	33S	38W	30	33S38W30	SECTION 30: W/2 33S-38W	STEVENS	2
30329000	LEASE - OIL AND GAS	LUCY E. CRAIG ET AL	D. D. HARRINGTON	7/7/1945	13	621	33S	38W	30	33S38W30	SECTION 30: NE/4 33S-38W	STEVENS	2
30319000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	SATURN OIL & GAS COMPANY	3/7/1935	7	232	33S	38W	30	33S38W30	SECTION 30: SE/4 33S-38W	STEVENS	2
30334000	LEASE - OIL AND GAS	NETTIE RATZLAFF ET AL	H. D. TAYLOR	8/13/1943	12	137	33S	38W	32	33S38W32	SECTION 32: SW/4 33S-38W	STEVENS	2
28378001	TERM MINERAL DEED	HERMAN T. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	SECTION 32: SW/4 33S-38W	STEVENS	2
28378002	TERM MINERAL DEED	JOHN H. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	SECTION 32: SW/4 33S-38W	STEVENS	2
28378003	TERM MINERAL DEED	LAVERDA MARIE HELWIG	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	33S	38W	32	33S38W32	SECTION 32: SW/4 33S-38W	STEVENS	2
84159000	LEASE - OIL AND GAS	DALE PERKILL ET AL	REPUBLIC NATURAL GAS COMPANY	11/8/1944	13	89	33S	38W	36	33S38W36	SECTION 36: S/2 SE/4 33S-38W	STEVENS	2
83840000	LEASE - OIL AND GAS	HEIRS OF R. M. CRAWFORD ESTATE	HOWARD H. SIDWELL AGENT	7/6/1944	12	499	33S	38W	36	33S38W36	SECTION 36: N/2 SE/4 33S-38W	STEVENS	2

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83958000	LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M. J. SULLIVAN	9/16/1937	8	446	33S	38W	4	33S38W4	SECTION 4: A PART OF THE NW/4, MORE SPECIFICALLY DESCRIBED IN SAID LEASE 33S-38W	STEVENS	2
83970000	LEASE - OIL AND GAS	PEARL R. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	23	271	33S	38W	4	33S38W4	SECTION 4: A PART OF THE NORTHEAST QUARTER (NE/4) OF SECTION 4, TOWNSHIP 33 SOUTH, RANGE 38 WEST OF THE 6TH P.M., STEVENS COUNTY, KANSAS, MORE SPECIFICALLY DESCRIBED AS FOLLOWS, TO WIT: BEGINNING AT THE NORTHWEST CORNER OF SAID NORTHEAST QUARTER (NE/4) OF SECTION 4, THENCE SOUTH ALONG THE WEST LINE OF SAID NORTHEAST QUARTER (NE/4) OF SAID SECTION OF 833.25 FEET; THENCE EAST ADISTANCE OF 914.85 FEET; THENCE NORTH A DISTANCE OF 833.25 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER (NE/4) OF SAID SECTION; THENCE WEST ALONG THE NORTHLINE OF SAID QUARTER SECTION A DISTANCE OF 914.85 FEET; TO THE PLACE OF BEGINNING, SAID TRACT CONTAINING 17 1/2 ACRES, MORE OR LESS.	STEVENS	2

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83867000	LEASE - OIL AND GAS	PEARL R. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	23	269	33S	38W	4	33S38W4	A PART OF THE NE4 OF SECTION 4, CONTAINING 33 ACRES: BEGINNING AT A POINT ON THE NORTHLINE OF SAID NE4 OF SECTION 4 A DISTANCE OF 914.85 FEET EAST OF THE NW/C OF NE4 OF SECTION, THENCE EAST ALONG THE NORTH LINE OF SAID QTR TO THE NE/C OF SECTION 4, THENCE SOUTH ALONG EAST LINE OF SECTION A DISTANCE OF 833.25 FEET, THENCE WEST ACROSS SAID SECTION 914.85 FEET EAST OF THE WEST LINE OF NE4, THENCE NORTH TO POB.	STEVENS	2
84063000	LEASE - OIL AND GAS	BERTHA A. PERRY	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1946	14	423	33S	38W	4	33S38W4	SECTION 4: SOUTH 109.5 ACRES OF THE NE/4	STEVENS	2
84064000	LEASE - OIL AND GAS	J. N. PERRY ET UX	T. J. WAGNER JR	7/26/1943	12	189	33S	38W	4	33S38W4	SECTION 4: SE/4	STEVENS	2
83861000	LEASE - OIL AND GAS	J. S. MILLER ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	9/2/1941	10	339	33S	38W	9	33S38W9	SECTION 9: SE/4	STEVENS	2
84075000	LEASE - OIL AND GAS	J. N. PERRY ET UX	T. J. WAGNER JR	7/26/1943	12	191	33S	38W	9	33S38W9	SECTION 9: NW/4	STEVENS	2



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84076000	LEASE - OIL AND GAS	HARRY V, TROUP ET UX	T. J. WAGNER JR	3/28/1944	12	627	33S	38W	9	33S38W9	33S-38W SECTION 9: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	E. LESTER ET UX	REPUBLIC NATURAL GAS COMPANY	5/31/1941	10	441	33S	39W	1	33S39W1	33S-39W SECTION 1: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	J. A. CHRISTOPHER ET UX	THE ARGUS PRODUCTION COMPANY	3/6/1930	3	547	33S	39W	10	33S39W10	33S-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	33S-39W SECTION 11: NW/4	STEVENS	2
30322000	LEASE - OIL AND GAS	W. S. MORGAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1942	11	152	33S	39W	23	33S39W23	33S-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	33S	39W	24	33S39W24	33S-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	39W	3	33S39W3	33S-39W SECTION 3: NW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T. J. WAGNER JR	7/28/1943	12	217	34S	37W	6	34S37W6	34S-37W SECTION 6: NE/4 SW/4, NW/4 SW/4, S/2 SW/4	STEVENS	2

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84101000	LEASE - OIL AND GAS	HAROLD B. SCHOFIELD	T. J. WAGNER JR	7/28/1943	12	559	34S	37W	6	34S37W6	SECTION 6: NE/4 SW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T. J. WAGNER JR	7/28/1943	12	217	34S	38W	1	34S38W1	SECTION 1: NE/4	STEVENS	2
30341000	LEASE - OIL AND GAS	JOHN BROWN ET UX	STEVENS COUNTY OIL & GAS CO.	9/14/1936	7	593	34S	38W	27	34S38W27	SECTION 27: NW/4	STEVENS	2
30342001	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
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	STEVENS	2
84133000	LEASE - OIL AND GAS	CHARLIE W. GARMON ET AL.	T. J. WAGNER JR	7/23/1943	12	185	34S	38W	31	34S38W31	SECTION 31: SW/4	STEVENS	2
84134000	LEASE - OIL AND GAS	MARY E. BARROWS ET VIR	T. J. WAGNER JR	8/7/1943	12	261	34S	38W	31	34S38W31	SECTION 31: SE/4	STEVENS	2

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84135000	LEASE - OIL AND GAS	HARRY D. ADAMS ET AL.	T. J. WAGNER JR	7/29/1963	12	319	34S	38W	31	34S38W31	SECTION 31: NW/4 34S-38W	STEVENS	2
84136000	LEASE - OIL AND GAS	GEORGE M. ROLL	A. C. MOORHEAD	12/24/1942	11	511	34S	38W	32	34S38W32	SECTION 32: NW/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD.	4/7/1997	174	934	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	BILLY JOE BRECHEISEN	TOUCHSTONE RESOURCES LTD.	4/17/1997	174	913	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	RANDON D. BRECHEISEN	TOUCHSTONE RESOURCES LTD.	5/7/1997	174	916	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	JAN DEE FAGAN LLOYD	TOUCHSTONE RESOURCES LTD.	2/18/1997	174	922	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD.	3/3/1997	174	925	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2

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N/A	LEASE - OIL AND GAS	GALEN A. BRECHEISEN ET AL	TOUCHSTONE RESOURCES LTD	6/10/1997	174	919	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	ROSEMARY FAGAN	TOUCHSTONE RESOURCES LTD	3/24/1997	174	940	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	BRENDA JEAN FAGAN TOOLE	TOUCHSTONE RESOURCES LTD	4/18/1997	174	943	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	PEGGY H. BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/15/1997	174	907	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	LEE O. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	RODNEY L. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	792	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES P. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	2/13/1997	174	931	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4 34S-38W	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	GEORGE L. HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/21/1997	174	928	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RONALD J. SCOTT ET UX	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MARION W. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	34S	38W	33	34S38W33	SECTION 33: E/2 SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	HARRY C. MORRIS TRUST	ANADARKO PETROLEUM CORPORATION	2/21/2001	196	444	34S	38W	34	34S38W34	SECTION 34: SW/4 SW/4, E/2 SW/4	STEVENS	2
84227000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	642	34S	38W	35	34S38W35	SECTION 35: NW/4	STEVENS	2
84228000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	643	34S	38W	35	34S38W35	SECTION 35: NE/4	STEVENS	2
84229000	LEASE - OIL AND GAS	ELIZABETH M. WATKINS	BENEDUM-TREES OIL COMPANY	5/10/1937	7	402	34S	38W	35	34S38W35	SECTION 35: SE/4	STEVENS	2

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84226000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	641	34S	38W	35	34S38W35	34S-38W SECTION 15: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CARL J. ABELTS	ORVILLE H. PARKER	11/30/1940	10	367	34S	38W	4	34S38W4	34S-38W SECTION 4: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CLARENCE GREWELL ET UX	ORVILLE H. PARKER	12/2/1940	10	377	34S	38W	4	34S38W4	34S-38W SECTION 4: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	E. F. FUNKE ET UX	ORVILLE H. PARKER	12/30/1940	10	381	34S	38W	4	34S38W4	34S-38W SECTION 4: SW/4	STEVENS	2
30356000	LEASE - OIL AND GAS	THE CONSERVATORSHIP OF CARL F. MATZEN ET AL	MOBIL OIL CORPORATION	12/14/1989	136	543	34S	39W	10	34S39W10	34S-39W SECTION 10: SE/4	STEVENS	2
30345000	LEASE - OIL AND GAS	SAM YOUNG ET UX	Z. N. DUNLAP	7/19/1935	7	377	34S	39W	11	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	3	398	34S	39W	11	34S39W11	34S-39W SECTION 11: SE/4	STEVENS	2
30354000	LEASE - OIL AND GAS	JOHN W. JENNER ET UX	REPUBLIC NATURAL GAS COMPANY	8/21/1943	12	301	34S	39W	11	34S39W11	34S-39W SECTION 11: NE/4	STEVENS	2

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28383001	TERM MINERAL DEED	HOWARD SIDLESS ET UX	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	440	34S	39W	11	34S39W11	34S-39W SECTION 11: SW/4	STEVENS	2
28383002	TERM MINERAL DEED	DONALD SIDWELL ET UX	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	414	34S	39W	11	34S39W11	34S-39W SECTION 11: SW/4	STEVENS	2
28383003	TERM MINERAL DEED	MARTELL SIDWELL ET AL	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	466	34S	39W	11	34S39W11	34S-39W SECTION 11: SW/4	STEVENS	2
84337000	LEASE - OIL AND GAS	HOWARD OSMAN	A. M. LANDON	4/10/1943	12	40	34S	39W	13	34S39W13	34S-39W SECTION 13: N/2	STEVENS	2
84276000	LEASE - OIL AND GAS	R. L. SMITH ET AL	HOWARD KUHN	9/6/1943	12	315	34S	39W	14	34S39W14	34S-39W SECTION 14: SW/4	STEVENS	2

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84277000	LEASE - OIL AND GAS	MOLLIE A ESKRIDGE	A. C. MOORHEAD	1/10/1943	12	48	34S	39W	14	34S39W14	34S-39W SECTION 14: NW/4	STEVENS	2
84278000	LEASE - OIL AND GAS	SAM YOUNG ET UX	Z. N. DUNLAP	7/19/1935	7	376	34S	39W	14	34S39W14	34S-39W SECTION 14: NE/4	STEVENS	2
84139000	LEASE - OIL AND GAS	MAGNOLIA PET CO	D. D. HARRINGTON	2/12/1945	13	385	34S	39W	15	34S39W15	SECTION 15: SE/4 SW/4,NE/4 SW/4, SE/4, SW/4 NW/4, W/2 SW/4	STEVENS	2
84140000	LEASE - OIL AND GAS	VIOLA MYRTLE SWEET	MAGNOLIA PETROLEUM COMPANY	4/3/1937	7	398	34S	39W	15	34S39W15	SECTION 15: NE/4 SW/4, SE/4, SW/4 NW/4, W/2 SW/4	STEVENS	2
84141000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	D. D. HARRINGTON	3/5/1946	14	131	34S	39W	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	39W	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	39W	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2
84144000	LEASE - OIL AND GAS	ARTHUR FRIEDMAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/11/1947	23	59	34S	39W	15	34S39W15	34S-39W SECTION 15: SE/4 SW/4	STEVENS	2



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84177000	LEASE - OIL AND GAS	MAYOLA WILLIAMSON ET VIR	JOE E. DENHAM	8/2/1943	12	135	34S	39W	15	34S39W15	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	3	432	34S	39W	15	34S39W15	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	SECTION 15: SE/4 SW/4	STEVENS	2
N/A	TERM MINERAL DEED	YVONNE POELWIK	ANADARKO PETROLEUM CORPORATION	4/1/1988	234	432	34S	39W	15	34S39W15	SECTION 15: N/2 NW/4, SE/4 NW/4	STEVENS	2
84276000	LEASE - OIL AND GAS	R. L. SMITH ET AL.	HOWARD KUHN	9/6/1943	12	315	34S	39W	23	34S39W23	SECTION 23: NW/4	STEVENS	2, 23
N/A	LEASE - OIL AND GAS	BLANCHE M. PEPPER ET AL.	BENEDUM-TREES OIL COMPANY	8/18/1941	10	468	34S	39W	23	34S39W23	SECTION 23: SW/4	STEVENS	2, 23
N/A	LEASE - OIL AND GAS	JOHN MCATTEE	BENEDUM-TREES OIL COMPANY	8/18/1941	10	470	34S	39W	23	34S39W23	SECTION 23: SE/4	STEVENS	2, 23
N/A	LEASE - OIL AND GAS	SANTA FE LAND IMP CO.	BENEDUM-TREES OIL COMPANY	11/17/1941	10	272	34S	39W	24	34S39W24	SECTION 24: SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	R. L. SMITH	BENEDUM-TREES OIL COMPANY	8/18/1941	10	473	34S	39W	24	34S39W24	SECTION 24: SW/4 34S-39W	STEVENS	2
N/A	LEASE - OIL AND GAS	ROY N. GEROND	MAGNOLIA PETROLEUM COMPANY	7/14/1937	8	484	34S	39W	26	34S39W26	SECTION 26: NE/4 34S-39W	STEVENS	2
N/A	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	345	34S	39W	26	34S39W26	SECTION 26: NE/4 34S-39W	STEVENS	2
84315000	LEASE - OIL AND GAS	BLANCHE M. PFEIFER ET AL.	BENEDUM-TREES OIL COMPANY	8/18/1941	10	469	34S	39W	26	34S39W26	SECTION 26: NW/4 34S-39W	STEVENS	2
84305000	LEASE - OIL AND GAS	NELLIE M. GANN	A. C. MOORHEAD	1/4/1945	13	139	34S	39W	35	34S39W35	SECTION 35: NE/4 34S-39W	STEVENS	2
84306000	LEASE - OIL AND GAS	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	555	34S	39W	35	34S39W35	SECTION 35: NE/4 34S-39W	STEVENS	2
84307000	LEASE - OIL AND GAS	NELLIE GANN ET AL.	A. C. MOORHEAD	1/4/1945	13	141	34S	39W	35	34S39W35	SECTION 35: SE/4 34S-39W	STEVENS	2

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84308000	LEASE - OIL AND GAS	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	553	34S	39W	35	34S39W35	SECTION 35: SE/4	STEVENS	2
30338001	LEASE - OIL AND GAS	WILLIAM M. FARAR ET UX	MAGNOLIA PETROLEUM COMPANY	3/9/1937	7	406	35S	38W	14	35S38W14	SECTION 14: SE/4	STEVENS	2
30338002	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	357	35S	38W	14	35S38W14	SECTION 14: SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T. INGILING TRUSTEE	1/22/1941	10	395	35S	38W	16	35S38W16	SECTION 16: SW/4	STEVENS	2
84260000	LEASE - OIL AND GAS	DON P. EBY ET UX	PIONEER PETROLEUM COMPANY	9/1/1932	5	387	35S	38W	16	35S38W16	SECTION 16: N/2, SE/4	STEVENS	2
84196000	LEASE - OIL AND GAS	FARM MORTGAGE CORP W056843	REPUBLIC NATURAL GAS COMPANY	12/31/1942	11	437	35S	38W	17	35S38W17	SECTION 17: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	DONALD T. INGILING TRUSTEE	1/22/1941	10	393	35S	38W	17	35S38W17	SECTION 17: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T. INGILING TRUSTEE	1/22/1941	10	395	35S	38W	17	35S38W17	SECTION 17: NE/4, SE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	N. AMERICAN LIFE INS CO	DONALD T. INGILING TRUSTEE	1/8/1941	10	391	35S	38W	17	35S38W17	SECTION 17: NW/4	STEVENS	2
77047000	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	6/24/1993	234	432	35S	38W	17	35S38W17	SECTION 17: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	4/7/1997	174	934	35S	38W	4	35S38W4	SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BILLY JOE BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/17/1997	174	913	35S	38W	4	35S38W4	SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RANDON D. BRECHEISEN	TOUCHSTONE RESOURCES LTD	5/7/1997	174	916	35S	38W	4	35S38W4	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	35S	38W	4	35S38W4	SECTION 4: N/2 NE/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	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	35S	38W	4	35S38W4	SECTION 4: N/2 NE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	ROSEMARY FAGAN	TOUCHSTONE RESOURCES LTD	3/24/1997	174	940	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BRENDA JEAN FAGAN TOOLE	TOUCHSTONE RESOURCES LTD	4/18/1997	174	943	35S	38W	4	35S38W4	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	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	LEE O. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	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	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES P. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	2/13/1997	174	931	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GEORGE L. HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/21/1997	174	928	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RONALD J. SCOTT ET UX	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2

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N/A	LEASE - OIL AND GAS	MARION W. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	35S	38W	4	35S38W4	SECTION 4: N/2 NE/4 35S-38W	STEVENS	2
30335000	LEASE - OIL AND GAS	EMMA F. LANDER	JOE E. DENHAM	3/23/1944	12	491	35S	38W	4	35S38W4	SECTION 4: NW/4 35S-38W	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	6	613	35S	38W	9	35S38W9	SECTION 9: SE/4 35S-38W	STEVENS	2
84180000	LEASE - OIL AND GAS	C. E. MCCARTY ET AL	JOE E. DENHAM	7/23/1943	12	121	35S	39W	12	35S39W12	SECTION 12: NW/4 35S-39W	STEVENS	2
84181000	LEASE - OIL AND GAS	LULU STANLEY COMLEY ET AL	JOE E. DENHAM	3/25/1944	12	597	35S	39W	12	35S39W12	SECTION 12: SW/4 35S-39W	STEVENS	2
84182000	LEASE - OIL AND GAS	SALTMOUNT OIL COMPANY	JOE E. DENHAM	3/25/1944	12	599	35S	39W	12	35S39W12	SECTION 12: SW/4 35S-39W	STEVENS	2
84183000	LEASE - OIL AND GAS	ARGO OIL CORPORATION	JOE E. DENHAM	3/25/1944	12	601	35S	39W	12	35S39W12	SECTION 12: SW/4 35S-39W	STEVENS	2
77270000	TERM MINERAL DEED	MARY ELIZABETH MYER ET AL	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	35S	39W	12	35S39W12	SECTION 12: NW/4 35S-39W	STEVENS	2
77305000	TERM MINERAL DEED	ELSIE L. GRASSMUCK	ANADARKO PETROLEUM CORPORATION	3/25/1986	117	622	35S	39W	12	35S39W12	SECTION 12: SW/4 35S-39W	STEVENS	2
84197000	LEASE - OIL AND GAS	H. C. GERBER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	12/18/1947	23	83	35S	39W	14	35S39W14	SECTION 14: N/2 NE/4 35S-39W	STEVENS	2

FOOTNOTES

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1		INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE MISSOURIAN FORMATION AS DEFINED BY THE BASE OF THE PLEASANTON 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 32S-41W).											
2		INSOFAR AND ONLY INSOFAR AS SAID CONTRACT COVERS THE RIGHTS BELOW THE TOP OF THE WABUNSEE GROUP WHICH OCCURS AT 3,352 FT ON THE AVALON ENERGY CULISON #3 7 (API 15 189 2138S) 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 COUNTIES 1966 (MOBIL UNITED PRODUCTION WM 1 CUTTER NO. 1 SEC 1, T31S R36W STEVENS COUNTY KANSAS)											
3		FOOTNOTE #3- 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		FOOTNOTE #4- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE FRANZ 1-9 WELL (API #3500722103) LOCATED IN SECTION 9-5N-21ECM, BEAVER COUNTY, OKLAHOM											

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5		FOOTNOTE #5- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE JOHNSON D-1 WELL (API #3500724810) LOCATED IN SECTION 24-N-21E-10CM, BEAVER COUNTY, OKLAHOMA											
6		FOOTNOTE #6- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE LILLIE WELL (API #3500722976) LOCATED IN SECTION 21-3N-22E-10CM, BEAVER COUNTY, OKLAHOMA											
7		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-20E-10CM, BEAVER COUNTY, OKLAHOMA											
8		FOOTNOTE #8- FORCE POOLED INTEREST ONLY											
9		FOOTNOTE #9- SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE JOHNSON C1 WELL (API #3500724330) LOCATED IN SECTION 23-5N-21E-10CM, BEAVER COUNTY, OKLAHOMA											



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concealdate	Legal Description	County	Footnote
10			THE WINDSOR C 1 WELL (API #3500724065) LOCATED IN SECTION 9-5N-20E6CM, BEAVER COUNTY, OKLAHOMA										
11		LESS AND EXCEPT THE BJ POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITIZATION 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. 410690 (CAUSE CD NO. 960002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA											
12		LIMITED TO THE MORROW FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6504' AND 6888' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AS DEFINED IN THE DIL-SPL LOG OF THE LEROY 131 WELL LOCATED IN THE SW SW OF SECTION 31-4N-22ECM.											
13		LIMITED IN DEPTH FROM BELOW THE BASE OF THE CHASE FORMATION AS DEFINED IN FOOTNOTE 3 TO THE BASE OF THE CHESTER FORMATION WHICH IS ENCOUNTERED AT A 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-22ECM											
14		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 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											

**Exhibit A - Leases**  
**to Assignment, Conveyance and Bill of Sale between**  
**Merit Management Partners I, L.P., et. al., and PanHugoton Partners LLC**

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
15		LESS AND EXCEPT THE GUTTRIDGE F3 WELL AND THE ETZOLD UNIT SOUTH S-4 AND 4-3 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
16		LESS AND EXCEPT THE MAXWELL B-2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
17		LESS AND EXCEPT THE BROWN APC B-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
18		LESS AND EXCEPT THE MCGILL A-2-10 AND A-3-10 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
19		LESS AND EXCEPT THE ALEXANDER A2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											

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20		LESS AND EXCEPT THE GUTTRIDGE 2B WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
21		LESS AND EXCEPT THE LENEHAN A-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
22		LESS AND EXCEPT THE MAYBERRY B-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
23		LESS AND EXCEPT THE NORDIKE 1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
24		LESS AND EXCEPT THE BANE 1-H WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
25		LESS AND EXCEPT THE MOORHEAD D-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
26		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											
27		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE OKLAHOMA STATE 1 2 WELL (API #3513921276) LOCATED IN SECTION 36-6N-12ECM, TEXAS COUNTY, OKLAHOMA											
28		INSOFAR AS AND ONLY INSOFAR AS SAID CONTRACT COVERS RIGHTS BELOW THE BASE OF THE CHASE GROUP, WHICH OCCURS AT 2680 FT. IN THE CROSS TIMBERS OPERATING CO. TARRANT #2-22 (API #3513922839) IN SECTION 22-6N-17ECM, TEXAS COUNTY, OKLAHOMA											
29		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE OGLE 1 WELL (API #3513935676) LOCATED IN SECTION 11-5N-12ECM, TEXAS COUNTY, OKLAHOMA											
30		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE SHIELDS WELL (API #351321555) LOCATED IN SECTION 5-4N-14ECM, TEXAS COUNTY, OKLAHOMA											

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31		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE BONNER A WELL (API #3513921121) LOCATED IN SECTION 9-4N-14ECM, TEXAS COUNTY, OKLAHOMA											
32		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE INTERSTATE H WELL (API #3513930052) LOCATED IN SECTION 7-4N-14ECM, TEXAS COUNTY, OKLAHOMA											
33		FORCE POOLED INTEREST ONLY											
34		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE RICH A #2 WELL (API #3513924107) LOCATED IN SECTION 1-3N-12ECM, TEXAS COUNTY, OKLAHOMA											
35		SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE SHAFFER M #1 WELL (API #3513924125) LOCATED IN SECTION 13-4N-12ECM, TEXAS COUNTY, OKLAHOMA											

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to Assignment, Conveyance and Bill of Sale between  
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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
38		<p>INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE EUBANK NORTH UNIT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OPERATION OF THE EUBANK NORTH UNIT AND EFFECTIVE AS OF DECEMBER 1, 2003: CERTIFICATE OF KANSAS CORPORATION COMMISSION AS RECORDED IN VOLUME 168, PAGE 655, HASKELL COUNTY, KANSAS. THE FORMATION UNITIZED IS THAT PORTION OF THE MORROW FORMATION ENCOUNTERED BETWEEN THE DEPTHS OF 5,130 AND 5,334 FEET AND THAT PORTION OF THE CHESTER FORMATION ENCOUNTERED BETWEEN THE DEPTHS OF 5,334 FEET AND 5,544 FEET. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTHS FROM THE SURFACE TO THE TOP OF THE UNITIZED INTERVAL.</p>											
39		<p>LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN THE FOLLOWING DEED OF CONVEYANCE AND ASSIGNMENT AND BILL OF SALE FROM OXY USA WTP LP, ET AL, AS SELLER, AND MERIT HUGGOTON, L.P, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 315 ON PAGE 605, BOOK 316 ON PAGE 247, BOOK 323 ON PAGE 556, BOOK 326 ON PAGE 513 IN THE RECORDS OF FINNEY COUNTY, KANSAS.</p>											

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40		LESS AND EXCEPT ALL RIGHTS ACQUIRED EFFECTIVE JANUARY 1, 2014 IN THE FOLLOWING DEED OF CONVEYANCE AND ASSIGNMENT AND BILL OF SALE FROM OXY USA WTP LP, ET AL., AS SELLER, AND MERIT HUGOTON, L.P., AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 260 AT PAGE 346, BOOK 261, AT PAGE 153, BOOK 270 AT PAGE 660, BOOK 270 AT PAGE 672, KEARNY COUNTY, KANSAS											



Exhibit A-1 - Wells and Units  
to Assignment, Conveyance and Bill To Sale between  
Merit Management Partners I, L.P., et. al, and PanHugoton Partners LLC

API	WELL NAME	ACCT_CODE	WI BRO	NRI BRO	WI APO	NRI APO	ST	COUNTY	SEC	TWP	RNG	QTR-QTR	Reservoir	OPERATOR
1518921919	MOUSER	BRECHTISEN A-1	1.000000	0.881348	SAME	0.218750	KS	STEVENSON	16	35S	38W		UPPER MORROW	MERIT ENERGY COMPANY LLC
1518922345	CIMARRON BEND EAST	CANNER A-5A	1.000000	0.875000	SAME		KS	STEVENSON	33	31S	38W	SW	ST. LOUIS	MERIT ENERGY COMPANY LLC
1518922362	YOUNGREN NE	CANNER A-6 (L MORROW G)	1.000000	0.874988	SAME		KS	STEVENSON	33	31S	38W	NW	LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922394	CIMARRON BEND WEST	CANNER A-7 (ST LOUIS)	1.000000	0.875000	SAME		KS	STEVENSON	33	31S	38W	SW	ST. LOUIS	MERIT ENERGY COMPANY LLC
1518920514	WALKEMEYER NW	COBB UNIT 1-3	0.000000	0.020000	A	NHAPCOBO	KS	STEVENSON	8	33S	36W		MERIT ENERGY COMPANY LLC	EDISON OPERATING COMPANY LLC
1518922409	MOUSER	COTTELL A-3	1.000000	0.875000	SAME		KS	STEVENSON	32	34S	38W	NW	LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922163	MOUSER	CROSS A-2 (MORROW)	1.000000	0.906091	SAME		KS	STEVENSON	17	35S	38W		MORROW C	MERIT ENERGY COMPANY LLC
1518921776	GENZLER	DAVIS D-2	1.000000	0.870312	SAME		KS	STEVENSON	14	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922040	GENZLER	DAVIS G-1	1.000000	0.875000	SAME		KS	STEVENSON	14	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921387	MOUSER	DUNNE-HOFFMANN K-1	0.500000	0.437889	SAME		KS	STEVENSON	16	35S	38W		MORROW C	MERIT ENERGY COMPANY LLC
1518921244	FETERITA	HERBEL A-1	1.000000	0.847656	SAME		KS	STEVENSON	23	34S	39W		MORROW C	MERIT ENERGY COMPANY LLC
1518921416	PANOMA	HITTLE A-2	0.863002	0.744872	SAME		KS	STEVENSON	35	31S	39W		MORROW	MERIT ENERGY COMPANY LLC
1518921538	YOUNGREN NW	HITTLE A-5 (L MORROW)	0.863002	0.744872	SAME		KS	STEVENSON	35	31S	39W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922348	KINSLER	HITTLE A-6 (U MORROW)	0.863002	0.744872	SAME		KS	STEVENSON	34	31S	34W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922345	WILDCAT (MID-CONTINENT)	HUGHCHRISTOPHER A-1	1.000000	0.812500	SAME		KS	STEVENSON	3	33S	3W		LOWER MORROW G	MERIT ENERGY COMPANY LLC
1518922364	CIMARRON RIVER SOUTH	HIVCORNBELL UNIVERSITY A-1	1.000000	0.803125	SAME		KS	STEVENSON	3	33S	39W		MORROW	MERIT ENERGY COMPANY LLC
1518922394	WILDCAT (MID-CONTINENT)	HIVCORNBELL UNIVERSITY B-1	1.000000	0.784375	SAME		KS	STEVENSON	6	33S	36W	NE	LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922326	NORTHWOODS	HIVMILLER A-1 (L MORROW)	1.000000	0.812500	SAME		KS	STEVENSON	28	32S	35W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922399	WILDCAT (MID-CONTINENT)	HIVMUNOY A-1	1.000000	0.812500	SAME		KS	STEVENSON	3	31S	39W	NW	LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922422	WILDCAT (MID-CONTINENT)	HIVSCHMIDT A-1	1.000000	0.936719	SAME		KS	STEVENSON	26	31S	39W		MORROW	MERIT ENERGY COMPANY LLC
1518922278	GENZLER	HIVSPRING A-1	0.500000	0.437500	SAME		KS	STEVENSON	29	32S	37W		MORROW	MERIT ENERGY COMPANY LLC
1518921778	GENZLER	LOFLIN A-2	0.566093	0.495331	SAME		KS	STEVENSON	1	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921336	METTS	METTS A-2	1.000000	0.912500	SAME		KS	STEVENSON	12	32S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922431	WILDCAT (MID-CONTINENT)	METTS A-4	0.500000	0.437500	SAME		KS	STEVENSON	11	32S	38W	ST. LOUIS	MERIT ENERGY COMPANY LLC	
1518922437	WILDCAT (MID-CONTINENT)	METTS A-5	1.000000	0.950000	A	APCELKGN	KS	STEVENSON	12	32S	38W	NW	MORROW	MERIT ENERGY COMPANY LLC
1518922449	METTS	METTS A-6	0.500000	0.512500	SAME		KS	STEVENSON	12	32S	38W	NW	MERIT ENERGY COMPANY LLC	ST. LOUIS
1518922358	CIMARRON BEND	MILP CANNER H-1	0.000000	0.060500	SAME		KS	STEVENSON	32	31S	38W	SE NE	LINN OPERATING LLC	
1518922330	SIMMONS	MILP CLOSE A-1	0.512100	0.474600	SAME		KS	STEVENSON						
1518922381	KINSLER EAST	MILP CLOSE E-1	0.512054	0.482526	SAME		KS	STEVENSON						
1518922316	SIMMONS	MILP CORNBELL UNIVERSITY A-1	0.612500	0.430000	SAME		KS	STEVENSON	15	32S	39W	SW SW		MERIT ENERGY COMPANY LLC
1518921445	PANOMA	MILP DATE A-1	0.862500	0.755000	SAME		KS	STEVENSON	19	31S	38W		MORROW	MERIT ENERGY COMPANY LLC
1518921559	PERILL SW	MILP KANSAS UNIVERSITY A-1	0.862500	0.755000	SAME		KS	STEVENSON	20	31S	38W		MORROW	MERIT ENERGY COMPANY LLC
1518922338	CIMARRON BEND	MILP SHANK A-1	0.000000	0.065000	SAME		KS	STEVENSON	31	31S	38W	SE SW		MERIT ENERGY COMPANY LLC
1518922303	WILDCAT (MID-CON)	MILP SIMMONS A-1	0.612500	0.490000	SAME		KS	STEVENSON	15	32S	39W	NW NW		LINN OPERATING INC
1518922311	YOUNGREN NW	MILP YOUNGREN B-1	0.000000	0.060500	SAME		KS	STEVENSON	11	32S	39W	NW SW		LINN OPERATING INC
1518922182	HUGOTON (KANSAS)	MYRIK A-1	1.000000	0.875000	SAME		KS	STEVENSON	25	33S	35W		MORROW LOWER 2	MERIT ENERGY COMPANY LLC
1518922149	SHUCK	MYRIK A-2 (L MORROW)	1.000000	0.875000	SAME		KS	STEVENSON	25	33S	35W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921612	GENZLER	PERRY A-2	1.000000	0.812500	SAME		KS	STEVENSON	4	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921555	GENZLER	PERRY B-1	1.000000	0.875000	SAME		KS	STEVENSON	4	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921609	GENZLER	RATCLIFF B-2	1.000000	0.875000	SAME		KS	STEVENSON	18	33S	37W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921448	GENZLER	RATCLIFF B-3 (L MORROW)	1.000000	0.875000	SAME		KS	STEVENSON	18	33S	37W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518920427	GENZLER	SHELL A-13	0.788052	0.768539	SAME		KS	STEVENSON	13	33S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922380	CIMARRON BEND WEST	SMITH F-3 (ST LOUIS)	0.863002	0.799999	SAME		KS	STEVENSON	36	31S	39W	ST. LOUIS	MERIT ENERGY COMPANY LLC	
1518922398	CIMARRON BEND WEST	SMITH F-4	0.863002	0.750000	SAME		KS	STEVENSON	36	31S	39W	NE	ST. LOUIS	MERIT ENERGY COMPANY LLC
1518922441	WILDCAT (MID-CONTINENT)	SMITH F-5	0.863002	0.750000	SAME		KS	STEVENSON	25	31S	39W	SE	ST. LOUIS	MERIT ENERGY COMPANY LLC
1518921393	FETERITA	SMITH, HL 1	0.500000	0.381250	SAME		KS	STEVENSON	15	34S	39W		MORROW	EDISON OPERATING COMPANY LLC
1518922379	PERILL SW	SPIKES A-6 SWD	1.000000	N/A	SAME		KS	STEVENSON	21	31S	38W	SE	LANSING	MERIT ENERGY COMPANY LLC
1518921805	PERILL SW	SPIKES G-1	0.956031	0.836527	SAME		KS	STEVENSON	21	31S	38W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518921302	FETERITA SOUTH	SULLIVAN B-1	0.750000	0.656350	SAME		KS	STEVENSON	25	33S	39W		LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922426	WILDCAT (MID-CONTINENT)	SULLIVAN B-1	1.000000	0.656350	SAME		KS	STEVENSON	7	31S	38W	NW	LOWER MORROW	MERIT ENERGY COMPANY LLC
1518922447	METTS	WALKER F-1	1.000000	0.875000	SAME		KS	STEVENSON	12	32S	38W	SW	ST. LOUIS	MERIT ENERGY COMPANY LLC
1518922749	WME MAKE	WESTSTEIN 1-3	0.000000	0.030000	SAME		KS	STEVENSON	3	35S	35W		CHESTER	MIDWESTERN EXPLORATION COMPANY
1518900146	WALKEMEYER	WING 1	0.000000	0.000000	A	SHAPCOBO	KS	STEVENSON	33	32S	36W	SW NE	SCOUT ENERGY MANAGEMENT LLC	