

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 & Address: \_\_\_\_\_

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

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

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

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

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

New Operator's Name & 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 \_\_\_\_\_

Side Two

**Must Be Filed For All Wells**

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

\* Lease Name: \_\_\_\_\_ \* Location: \_\_\_\_\_

| Well No. | API No.<br>(YR DRDL/PRE '67) | Footage from Section Line<br>(i.e. FSL = Feet from South Line) |                          | Type of Well<br>(Oil/Gas/INJ/WSW) | Well Status<br>(PROD/TA'D/Abandoned) |
|----------|------------------------------|--|--------------------------|-----------------------------------|--------------------------------------|
|          |                              | <i>Circle</i><br>FSL/FNL                                       | <i>Circle</i><br>FEL/FWL |                                   |                                      |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |
| _____    | _____                        | _____ FSL/FNL  | _____ FEL/FWL            | _____                             | _____                                |

*A separate sheet may be attached if necessary*

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

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form KSONA-1

July 2014

Form Must Be Typed

Form must be Signed

All blanks must be Filled

**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  
COUNTY OF SEWARD

§  
§  
§

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

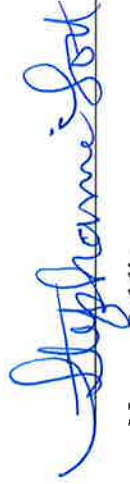


STATE OF TEXAS       §  
                                  §  
COUNTY OF DALLAS   §

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.



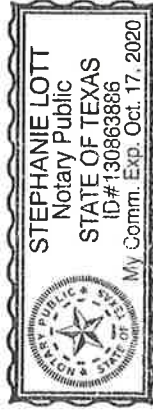
  
Notary Public


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 \_\_\_\_\_

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**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 |
|----------------------|---------------------|-------------------------------|---|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 30247001             | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY        | NORTHERN NATURAL GAS COMPANY            | 5/31/1946 | 75   | 271  | 31S      | 34W   | 17      | 31S34W17    | SECTION 17: N/2 SE/4<br>31S-34W  | SEWARD | 2        |
| 30244001             | LEASE - OIL AND GAS | FRED C. KOCH ET UX            | WOOD RIVER OIL & REFINING CO.<br>ET AL. | 1/17/1947 | 75   | 514  | 31S      | 34W   | 17      | 31S34W17    | SECTION W/2 AND W/2 NE/4<br>31S-34W  | SEWARD | 2        |
| 30244002             | LEASE - OIL AND GAS | HOME ROYALTY ASSOCIATION INC. | WOOD RIVER OIL & REFINING CO.<br>ET AL. | 6/3/1946  | 74   | 158  | 31S      | 34W   | 17      | 31S34W17    | SECTION W/2 AND W/2 NE/4<br>31S-34W  | SEWARD | 2        |
| 30246000             | LEASE - OIL AND GAS | PATRICK H. DAY ET UX          | JOE E. DENHAM                           | 4/28/1943 | 47   | 531  | 31S      | 34W   | 17      | 31S34W17    | SECTION 17: E/2 NE/4<br>31S-34W  | SEWARD | 2        |
| 30247003             | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX        | NORTHERN NATURAL GAS COMPANY            | 3/9/1900  | 69   | 61   | 31S      | 34W   | 17      | 31S34W17    | SECTION 17: N/2 SE/4<br>31S-34W  | SEWARD | 2        |
| 30247002             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX          | NORTHERN NATURAL GAS COMPANY            | 5/19/1944 | 69   | 62   | 31S      | 34W   | 17      | 31S34W17    | SECTION 17: N/2 SE/4<br>31S-34W  | SEWARD | 2        |
| 30250000             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX          | BEN F. BLACK                            | 1/14/1946 | 75   | 220  | 31S      | 34W   | 17      | 31S34W17    | SECTION 17: S/2 SE/4<br>31S-34W  | SEWARD | 2        |
| 30263000<br>67328000 | LEASE - OIL AND GAS | W. V. GRIFFITH ET UX          | UNITED PRODUCING COMPANY INC            | 5/12/1948 | 85   | 116  | 31S      | 34W   | 18      | 31S34W18    | SECTION 18: N/2 SE/4, SW/4 SE/4<br>SPECIFICALLY LESS AND EXCEPT THE SE/4 SE/4<br>31S-34W | SEWARD | 2        |

**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 | Concomitant | Legal Description                               | County | Footnote |
|----------------------|---------------------|------------------------------|------------------------------|-----------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 30262000<br>67327000 | LEASE - OIL AND GAS | W. V. GRIFFITH ET UX         | UNITED PRODUCING COMPANY INC | 5/12/1948 | 85   | 115  | 31S      | 34W   | 18      | 31S34W18    | 31S-34W<br>SECTION 18.5W/4 NE/4, NE/4 NE/4      | SEWARD | 2        |
| 30247001             | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY       | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75   | 271  | 31S      | 34W   | 20      | 31S34W20    | 31S-34W<br>SECTION 20: S/2 NE/4, SB/4           | SEWARD | 2        |
| 30247003             | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX       | NORTHERN NATURAL GAS COMPANY | 3/9/1900  | 69   | 61   | 31S      | 34W   | 20      | 31S34W20    | 31S-34W<br>SECTION 20: S/2 NE/4, SB/4           | SEWARD | 2        |
| 30247002             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX         | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69   | 62   | 31S      | 34W   | 20      | 31S34W20    | 31S-34W<br>SECTION 20: S/2 NE/4, SB/4           | SEWARD | 2        |
| 30250000             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX         | BEN F. BLACK                 | 1/14/1946 | 75   | 220  | 31S      | 34W   | 20      | 31S34W20    | 31S-34W<br>SECTION 20: N/2 NE/4                 | SEWARD | 2        |
| 30247001             | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY       | NORTHERN NATURAL GAS COMPANY | 5/31/1946 | 75   | 271  | 31S      | 34W   | 21      | 31S34W21    | 31S-34W<br>SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2        |
| 30247003             | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX       | NORTHERN NATURAL GAS COMPANY | 3/9/1900  | 69   | 61   | 31S      | 34W   | 21      | 31S34W21    | 31S-34W<br>SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2        |
| 30247002             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX         | NORTHERN NATURAL GAS COMPANY | 5/19/1944 | 69   | 62   | 31S      | 34W   | 21      | 31S34W21    | 31S-34W<br>SECTION 21: S/4 NW/4, SW/4, W/2 NW/4 | SEWARD | 2        |
| 30213000             | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA | FRED C KOCH                  | 5/1/1944  | 1    | 615  | 31S      | 34W   | 22      | 31S34W22    | 31S-34W<br>SECTION 22: W/2 NW/4                 | SEWARD | 2        |

**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 | Concateate | Legal Description                          | County | Footnote |
|----------------------|---------------------|---------------------------------------|-------------------------------------|-----------|------|------|----------|-------|---------|------------|--|--------|----------|
| 30251000<br>66132000 | LEASE - OIL AND GAS | THE FEDERAL FARM MORTGAGE CORPORATION | FRED C. KOCH                        | 4/3/1944  | 1    | 603  | 31S      | 34W   | 23      | 31S34W23   | 31S-34W<br>SECTION 23: SE/4                | SEWARD | 2, 16    |
| 30247001             | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY                | NORTHERN NATURAL GAS COMPANY        | 5/31/1946 | 75   | 271  | 31S      | 34W   | 28      | 31S34W28   | 31S-34W<br>SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2        |
| 30247003             | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX                | NORTHERN NATURAL GAS COMPANY        | 3/9/1900  | 69   | 61   | 31S      | 34W   | 28      | 31S34W28   | 31S-34W<br>SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2        |
| 30247002             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX                  | NORTHERN NATURAL GAS COMPANY        | 5/19/1944 | 69   | 62   | 31S      | 34W   | 28      | 31S34W28   | 31S-34W<br>SECTION 28: E/2 SE/4, SW/4 NE/4 | SEWARD | 2        |
| 30247001             | LEASE - OIL AND GAS | GUARANTY TRUST COMPANY                | NORTHERN NATURAL GAS COMPANY        | 5/31/1946 | 75   | 271  | 31S      | 34W   | 29      | 31S34W29   | 31S-34W<br>SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2        |
| 30206000             | LEASE - OIL AND GAS | CARL W. MORGAN ET AL                  | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135  | 187  | 31S      | 34W   | 29      | 31S34W29   | 31S-34W<br>SECTION 29: E/2 SE/4            | SEWARD | 2        |
| 30247003             | LEASE - OIL AND GAS | ADAM O. RIDENOUR ET UX                | NORTHERN NATURAL GAS COMPANY        | 3/9/1900  | 69   | 61   | 31S      | 34W   | 29      | 31S34W29   | 31S-34W<br>SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2        |
| 30247002             | LEASE - OIL AND GAS | J. C. RIDENOUR ET UX                  | NORTHERN NATURAL GAS COMPANY        | 5/19/1944 | 69   | 62   | 31S      | 34W   | 29      | 31S34W29   | 31S-34W<br>SECTION 29: N/2 SW/4, SE/4 NW/4 | SEWARD | 2        |

**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 |
|----------------------|---------------------|------------------------|----------------------------|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 30288000             | LEASE - OIL AND GAS | FRED M. BEATY ET UX    | CITTES SERVICE OIL COMPANY | 4/9/1943  | 47   | 547  | 31S      | 34W   | 36      | 31S34W36    | SECTION 36: E/2<br>31S-34W                                   | SEWARD | 2        |
| 30255000             | LEASE - OIL AND GAS | ROBERT Y. HARLOW ET UX | ALDEN W FOSTER             | 7/11/1934 | 44   | 638  | 31S      | 34W   | 4       | 31S34W4     | SECTION 4: W/2 NW/4<br>31S-34W                               | SEWARD | 2        |
| 30255000<br>67329000 | LEASE - OIL AND GAS | ROBERT Y. HARLOW ET UX | ALDEN W FOSTER             | 7/11/1934 | 44   | 638  | 31S      | 34W   | 5       | 31S34W5     | SECTION 5: LOT 1, S/E NE/4<br>31S-34W                        | SEWARD | 2        |
| 30259000<br>67324000 | LEASE - OIL AND GAS | JOHN DAY               | ALDEN W FOSTER             | 7/5/1934  | 44   | 629  | 31S      | 34W   | 5       | 31S34W5     | SECTION 5: LOT 2, SW/4 NE/4, NW/4 SE/4, NE/4 SE/4<br>31S-34W | SEWARD | 2        |

**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 | Concateate | Legal Description                                   | County | Footnote |
|----------------------|---------------------|--|---|------------|------|------|----------|-------|---------|------------|---|--------|----------|
| 30260000<br>67325000 | LEASE - OIL AND GAS | CHARLES YOUNG ET UX  | ALDEN W FOSTER                          | 7/5/1934   | 44   | 632  | 31S      | 34W   | 5       | 31S34W5    | SECTION 5: N/2 SW/4, S/2 SE/4, SE/4 SW/4, SW/4 SW/4 | SEWARD | 2        |
| 30214000             | LEASE - OIL AND GAS | FARMERS AND MERCHANTS NATIONAL<br>BANK OF HOOKER, HOOKER, OKLAHOMA | FRED C. KOCH                            | 4/4/1954   | 1    | 615  | 31S      | 34W   | 8       | 31S34W8    | SECTION 8: E/2 NE/4                                 | SEWARD | 2        |
| 30244001             | LEASE - OIL AND GAS | FRED C. KOCH ET UX   | WOOD RIVER OIL & REFINING CO.<br>ET AL. | 1/17/1947  | 75   | 514  | 31S      | 34W   | 8       | 31S34W8    | SECTION 8: S/2 SW/4                                 | SEWARD | 2        |
| 30252000             | LEASE - OIL AND GAS | SANTA FE ENERGY COMPANY  | ANADARKO PETROLEUM<br>CORPORATION       | 12/10/1987 | 389  | 520  | 31S      | 34W   | 9       | 31S34W9    | SECTION 9: W/2 NE/4                                 | SEWARD | 2        |
| 30253001             | LEASE - OIL AND GAS | SANTA FE ENERGY COMPANY  | ANADARKO PETROLEUM<br>CORPORATION       | 12/10/1987 | 389  | 523  | 31S      | 34W   | 9       | 31S34W9    | SECTION 9: E/2 NE/4                                 | SEWARD | 2        |
| 30253002             | LEASE - OIL AND GAS | SANTA FE ENERGY RESOURCES INC.                                     | ANADARKO PETROLEUM<br>CORPORATION       | 11/4/1989  | 412  | 211  | 31S      | 34W   | 9       | 31S34W9    | SECTION 9: E/2 NE/4                                 | SEWARD | 2        |
| 28340000             | TERM MINERAL DEED   | NANCY BALLINGER ET VIR ET AL.                                      | ANADARKO PETROLEUM<br>CORPORATION       | 6/30/1986  | 593  | 574  | 32S      | 33W   | 6       | 32S33W6    | SECTION 6: NE/4 SW/4, SE/4                          | SEWARD | 2        |
| 28365001             | TERM MINERAL DEED   | LINDA M. BAUNHOFER ET VIR  | ANADARKO PETROLEUM<br>CORPORATION       | 8/1/1996   | 593  | 574  | 32S      | 33W   | 6       | 32S33W6    | SECTION 6: NE/4 SW/4, SE/4                          | SEWARD | 2        |

**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 |
|-------------|---------------------|-----------------------------|-------------------------------------|------------|------|------|----------|-------|---------|-------------|---------------------------------------|--------|----------|
| 28365002    | TERM MINERAL DEED   | KIMBERLY K. M. DAMEI ET VIR | ANADARKO PETROLEUM CORPORATION      | 8/1/1996   | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 28365003    | TERM MINERAL DEED   | CONNIE MORGAN SHAW          | ANADARKO PETROLEUM CORPORATION      | 8/5/1986   | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 28365004    | TERM MINERAL DEED   | SYLVIA M. PRAT ET VIR       | ANADARKO PETROLEUM CORPORATION      | 8/11/1986  | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 28365005    | TERM MINERAL DEED   | CHARLES H. MORGAN           | ANADARKO PETROLEUM CORPORATION      | 8/14/1986  | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 30200000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL        | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954  | 135  | 174  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 65792000    | LEASE - OIL AND GAS | MINNIE C ELLIS              | PANHANDLE EASTERN PIPE LINE COMPANY | 11/12/1953 | 117  | 417  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NW/4<br>32S-33W            | SEWARD | 2        |
| 66142000    | LEASE - OIL AND GAS | LEVI HOFFMAN ET UX          | PANHANDLE EASTERN PIPE LINE COMPANY | 5/20/1952  | 111  | 585  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4<br>32S-33W            | SEWARD | 2        |
| 28365006    | TERM MINERAL DEED   | STEPHEN MORGAN              | ANADARKO PETROLEUM CORPORATION      | 8/4/1986   | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 28365007    | TERM MINERAL DEED   | LEOLA L. STALEY             | ANADARKO PETROLEUM CORPORATION      | 9/16/1986  | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |
| 28365008    | TERM MINERAL DEED   | HARLEY MORGAN               | ANADARKO PETROLEUM CORPORATION      | 8/27/1986  | 593  | 574  | 32S      | 33W   | 6       | 32S33W6     | SECTION 6: NE/4 SW/4, SE/4<br>32S-33W | SEWARD | 2        |



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|-------------|---------------------|------------------------------|-------------------------------------|-----------|------|------|----------|-------|---------|------------|--------------------------------|--------|----------|
| 28365001    | TERM MINERAL DEED   | LINDA M. BAUNHOFFER ET VIR   | ANADARKO PETROLEUM CORPORATION      | 8/1/1996  | 593  | 574  | 32S      | 33W   | 8       | 32S33W8    | 32S-33W SECTION 8: SW/4, SE/4  | SEWARD | 2        |
| 28364000    | TERM MINERAL DEED   | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION      | 6/30/1986 | 593  | 574  | 32S      | 33W   | 8       | 32S33W8    | 32S-33W SECTION 8: SW/4, SE/4  | SEWARD | 2        |
| 83615000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL         | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1954 | 135  | 179  | 32S      | 33W   | 8       | 32S33W8    | SECTION 8: SW/4                | SEWARD | 2        |
| 30202000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL         | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135  | 177  | 32S      | 33W   | 8       | 32S33W8    | SECTION 8: SE/4                | SEWARD | 2        |
| 28365008    | TERM MINERAL DEED   | HARLEY MORGAN                | ANADARKO PETROLEUM CORPORATION      | 8/27/1986 | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365007    | TERM MINERAL DEED   | LEOLA L. STALEY              | ANADARKO PETROLEUM CORPORATION      | 9/16/1986 | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365006    | TERM MINERAL DEED   | STEPHEN MORGAN               | ANADARKO PETROLEUM CORPORATION      | 8/4/1986  | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365005    | TERM MINERAL DEED   | CHARLES H. MORGAN            | ANADARKO PETROLEUM CORPORATION      | 8/14/1986 | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365004    | TERM MINERAL DEED   | SYLVIA M. PRAT ET VIR        | ANADARKO PETROLEUM CORPORATION      | 8/11/1986 | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365003    | TERM MINERAL DEED   | CONNIE MORGAN SHAW           | ANADARKO PETROLEUM CORPORATION      | 8/5/1986  | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365002    | TERM MINERAL DEED   | KIMBERLY K. M. DABMI ET VIR  | ANADARKO PETROLEUM CORPORATION      | 8/1/1996  | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28365001    | TERM MINERAL DEED   | LINDA M. BAUNHOFFER ET VIR   | ANADARKO PETROLEUM CORPORATION      | 8/1/1996  | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 28364000    | TERM MINERAL DEED   | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION      | 6/30/1986 | 593  | 574  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: NW/4 NE/4, E/2 NE/4 | SEWARD | 2        |
| 30201000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL         | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135  | 175  | 32S      | 33W   | 7       | 32S33W7    | SECTION 7: E/2 NE/4, NW/4 NE/4 | SEWARD | 2        |

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|-------------|---------------------|------------------------------|--------------------------------|------------|------|------|----------|-------|---------|-------------|---------------------------------|--------|----------|
| 28365002    | TERM MINERAL DEED   | KIMBERLY K. M. DAEMI ET VIR  | ANADARKO PETROLEUM CORPORATION | 8/1/1996   | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365003    | TERM MINERAL DEED   | CONNIE MORGAN SHAW           | ANADARKO PETROLEUM CORPORATION | 8/5/1986   | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365004    | TERM MINERAL DEED   | SYLVIA M. PRAT ET VIR        | ANADARKO PETROLEUM CORPORATION | 8/11/1986  | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365005    | TERM MINERAL DEED   | CHARLES H. MORGAN            | ANADARKO PETROLEUM CORPORATION | 8/14/1986  | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365006    | TERM MINERAL DEED   | STEPHEN MORGAN               | ANADARKO PETROLEUM CORPORATION | 8/4/1986   | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365007    | TERM MINERAL DEED   | LEOLAL STALEY                | ANADARKO PETROLEUM CORPORATION | 9/16/1986  | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 28365008    | TERM MINERAL DEED   | HARLEY MORGAN                | ANADARKO PETROLEUM CORPORATION | 8/27/1986  | 593  | 574  | 33W      | 32S   | 32S33W8 | 32S33W8     | SECTION 8: SW/4, SE/4           | SEWARD | 2        |
| 30310000    | LEASE - OIL AND GAS | EMMA THOMPSON HAYS ET VIR    | NORTHERN NATURAL GAS COMPANY   | 5/8/1944   | 69   | 56   | 34W      | 32S   | 32S34W2 | 32S34W2     | SECTION 2: NW/4                 | SEWARD | 2        |
| 30297002    | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WIGHTVA | NORTHERN NATURAL GAS COMPANY   | 12/14/1945 | 43   | 152  | 34W      | 32S   | 32S34W3 | 32S34W3     | SECTION 3: E/2 SE/4, NE/4 SE/4  | SEWARD | 2        |
| 30297001    | LEASE - OIL AND GAS | J. M. HICKMAN ET UX          | NORTHERN NATURAL GAS COMPANY   | 6/8/1945   | 75   | 82   | 34W      | 32S   | 32S34W3 | 32S34W3     | SECTION 3: NE/4 SE/4, SE/4 SE/4 | SEWARD | 2        |

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|-------------|---------------------|--------------------------|-------------------------------------|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 83624000    | LEASE - OIL AND GAS | RICE DAVIES              | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 11   | 33S      | 31W   | 30      | 33S1W30     | SECTION 30: LOTS 2, 3, 4, SE/4 SW/4, NE/4 NW/4, SE/4 NW/4, NE/4 SW/4   | SEWARD | 2        |
| 83625000    | LEASE - OIL AND GAS | RICE DAVIES              | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 12   | 33S      | 31W   | 30      | 33S1W30     | SECTION 30: E/2  | SEWARD | 2        |
| 83495000    | LEASE - OIL AND GAS | ED F. KELLER ET UX       | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69   | 189  | 33S      | 31W   | 30      | 33S1W30     | SECTION 30: LOT 1  | SEWARD | 2        |
| 83621000    | LEASE - OIL AND GAS | RICE DAVIES              | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 5    | 33S      | 31W   | 31      | 33S1W31     | SECTION 31: NE/4 NE/4, W/2 E/2   | SEWARD | 2        |
| 83623000    | LEASE - OIL AND GAS | RICE DAVIES              | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 10   | 33S      | 31W   | 31      | 33S1W31     | SECTION 31: LOTS 1, 2, 3, 4, E/2 W/2                                   | SEWARD | 2        |
| 83622000    | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL | ANADARKO PETROLEUM CORPORATION      | 6/28/1963 | 208  | 185  | 33S      | 31W   | 31      | 33S1W31     | SECTION 31: E/2 SE/4, SE/4 NE/4  | SEWARD | 2        |
| 30277001    | LEASE - OIL AND GAS | MALDA DENIO              | T. S. DUDLEY LAND COMPANY INC.      | 3/1/1995  | 460  | 733  | 33S      | 32W   | 2       | 33S32W2     | SECTION 2: SW/4  | SEWARD | 2        |
| 30277002    | LEASE - OIL AND GAS | F. A. FELLERS            | T. S. DUDLEY LAND COMPANY INC.      | 3/1/1995  | 460  | 738  | 33S      | 32W   | 2       | 33S32W2     | SECTION 2: SW/4  | SEWARD | 2        |
| 30277003    | LEASE - OIL AND GAS | CONNIE C. DAVIS          | T. S. DUDLEY LAND COMPANY INC.      | 3/1/1995  | 460  | 743  | 33S      | 32W   | 2       | 33S32W2     | SECTION 2: SW/4  | SEWARD | 2        |
| 83496000    | LEASE - OIL AND GAS | ED F. KELLER ET UX       | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69   | 185  | 33S      | 32W   | 25      | 33S32W25    | SECTION 25: S/2 NW/4, N/2 NE/4, N/2 NW/4, S/2 NE/4, S/2 SE/4, N/2 SE/4 | SEWARD | 2        |
| 83497000    | LEASE - OIL AND GAS | ED F. KELLER ET UX       | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944 | 69   | 188  | 33S      | 32W   | 25      | 33S32W25    | SECTION 25: N/2 SW/4, SE/4 SW/4  | SEWARD | 2        |

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|-------------|---------------------|-------------------------------|--------------------------------|-----------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 83685000    | LEASE - OIL AND GAS | BOARD OF COUNTY COMMISSIONERS | WHITESTONE PETROLEUM CORP      | 2/18/1963 | 206  | 515  | 33S      | 32W   | 25      | 33S32W25    | SECTION 25: SE/4 SW/4  | SEWARD | 2        |
| 30277001    | LEASE - OIL AND GAS | MAIDA DENIO                   | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995  | 460  | 733  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: S/2 NE/2, W/2 SE/4  | SEWARD | 2        |
| 30273001    | LEASE - OIL AND GAS | BEVERLY H. MALIN ET VIR       | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995  | 459  | 632  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: LOTS 2, 3, & 4, S/2 NW/4<br>(ALSO DESCRIBED AS NW/4, NW/4 NE/4) | SEWARD | 2        |
| 30273002    | LEASE - OIL AND GAS | VERNA MAE HEADRICK TRUST      | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995  | 460  | 900  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: LOTS 2, 3, & 4, S/2 NW/4<br>(ALSO DESCRIBED AS NW/4, NW/4 NE/4) | SEWARD | 2        |
| 30273003    | LEASE - OIL AND GAS | EARL DEAN HEADRICK TRUST      | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995  | 460  | 905  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: LOTS 2, 3, & 4, S/2 NW/4<br>(ALSO DESCRIBED AS NW/4, NW/4 NE/4) | SEWARD | 2        |
| 30277002    | LEASE - OIL AND GAS | F. A FELLERS                  | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995  | 460  | 738  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: S/2 NE/2, W/2 SE/4  | SEWARD | 2        |

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|-------------|---------------------|--------------------------|-------------------------------------|-----------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 30277003    | LEASE - OIL AND GAS | CONNIE C. DAVIS          | T. S. DUDLEY LAND COMPANY INC.      | 3/1/1995  | 460  | 460  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: S/2 NE/2<br>33S-32W            | SEWARD | 2        |
| 30276000    | LEASE - OIL AND GAS | JACK REYNOLDS ET UX      | T. S. DUDLEY LAND COMPANY INC.      | 2/20/1995 | 460  | 898  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: SW/4<br>33W-32W                | SEWARD | 2        |
| 30286002    | LEASE - OIL AND GAS | DONNA MARIE WALKER TRUST | T. S. DUDLEY LAND COMPANY INC.      | 3/1/1995  | 461  | 489  | 33S      | 32W   | 3       | 33S32W3     | SECTION 3: E/2 SE/4<br>33S-32W            | SEWARD | 2        |
| 83626000    | LEASE - OIL AND GAS | RICE DAVIES ET AL.       | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 7    | 33S      | 32W   | 36      | 33S32W36    | SECTION 36: S/2<br>33S-32W                | SEWARD | 2        |
| 83627000    | LEASE - OIL AND GAS | RICE DAVIES              | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957  | 159  | 25   | 33S      | 32W   | 36      | 33S32W36    | SECTION 36: N/2<br>33S-32W                | SEWARD | 2        |
| 30269003    | LEASE - OIL AND GAS | PAUL HOAG                | T. S. DUDLEY LAND COMPANY INC.      | 3/24/1995 | 460  | 969  | 33S      | 32W   | 4       | 33S32W4     | SECTION 4: W/2 SE/4, SW/4, N/2<br>33S-32W | SEWARD | 2        |

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| 30285000    | LEASE - OIL AND GAS | ARKALON GRAZING ASSOCIATION  | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 461  | 499  | 33S      | 32W   | 4       | 33S32W4     | SECTION 4: E/2 SE/4<br>33S-32S            | SEWARD | 2        |
| 30269004    | LEASE - OIL AND GAS | CECIL MILHON ET UX   | T. S. DUDLEY LAND COMPANY INC. | 3/1/1995 | 460  | 979  | 33S      | 32W   | 4       | 33S32W4     | SECTION 4: SW/4, W/2 SE/4, N/2<br>33S-32W | SEWARD | 2        |
| 30269001    | LEASE - OIL AND GAS | WILLIAM E. HIRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HIRN | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459  | 1061 | 33S      | 32W   | 4       | 33S32W4     | SECTION 4: SW/4, W/2 SE/4, N/2<br>33S-32W | SEWARD | 2        |
| 30269002    | LEASE - OIL AND GAS | WILLIAM J STEWART  | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459  | 1069 | 33S      | 32W   | 4       | 33S32W4     | SECTION 4: SW/4, W/2 SE/4, N/2<br>33S-32W | SEWARD | 2        |
| 30269001    | LEASE - OIL AND GAS | WILLIAM E. HIRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HIRN | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459  | 1061 | 33S      | 32W   | 9       | 33S32W9     | SECTION 9: ALL<br>33S-32W                 | SEWARD | 2        |
| 30269002    | LEASE - OIL AND GAS | WILLIAM J STEWART  | T. S. DUDLEY LAND COMPANY INC. | 2/9/1955 | 459  | 1069 | 33S      | 32W   | 9       | 33S32W9     | SECTION 9: ALL<br>33S-32W                 | SEWARD | 2        |

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| 83618000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL.         | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1954  | 135  | 185  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: NW/4  | SEWARD | 2        |
| 83503000    | LEASE - OIL AND GAS | LOTTIE F. ARMSTRONG ET VIR    | PANHANDLE EASTERN PIPE LINE COMPANY | 11/10/1944 | 69   | 352  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: SE/4<br>LESS AND EXCEPT THE WELLBORE OF THE DODD MADDEN A-1<br>WELL, API 1517530012 | SEWARD | 2        |
| 83619000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL.         | PANHANDLE EASTERN PIPE LINE COMPANY | 7/19/1954  | 135  | 186  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: SW/4  | SEWARD | 2        |
| 83593000    | LEASE - OIL AND GAS | LEE V. SWAN ET UX             | BEN F. BLACK                        | 1/1/1945   | 69   | 511  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: NE/4  | SEWARD | 2        |
| 28364000    | TERM MINERAL DEED   | NANCY BALLINGER ET VIR ET AL. | ANADARKO PETROLEUM CORPORATION      | 6/30/1986  | 593  | 574  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: NW/4, SW/4  | SEWARD | 2        |
| 28365001    | TERM MINERAL DEED   | LINDA M. BAUNHOFFER ET VIR    | ANADARKO PETROLEUM CORPORATION      | 8/1/1996   | 593  | 574  | 33S      | 33W   | 21      | 33S33W21    | 33S-33W<br>SECTION 21: NW/4, SW/4  | SEWARD | 2        |

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|-------------|---------------------|-----------------------------|--------------------------------|------------|------|------|----------|-------|---------|------------|---|--------|----------|
| 28365002    | TERM MINERAL DEED   | KIMBERLY K. M. DABMI ET VIR | ANADARKO PETROLEUM CORPORATION | 8/1/1996   | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365003    | TERM MINERAL DEED   | CONNIE MORGAN SHAW          | ANADARKO PETROLEUM CORPORATION | 8/5/1986   | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365004    | TERM MINERAL DEED   | SYLVIA M. PRAT ET VIR       | ANADARKO PETROLEUM CORPORATION | 8/11/1986  | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365005    | TERM MINERAL DEED   | CHARLES H. MORGAN           | ANADARKO PETROLEUM CORPORATION | 8/14/1986  | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365006    | TERM MINERAL DEED   | STEPHEN MORGAN              | ANADARKO PETROLEUM CORPORATION | 8/4/1986   | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365007    | TERM MINERAL DEED   | LEOLA L. STALEY             | ANADARKO PETROLEUM CORPORATION | 9/16/1986  | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 28365008    | TERM MINERAL DEED   | HARLEY MORGAN               | ANADARKO PETROLEUM CORPORATION | 8/27/1986  | 593  | 574  | 33S      | 33W   | 21      | 33S33W21   | 33S-33W SECTION 21: NW/4, SW/4              | SEWARD | 2        |
| 30188000    | LEASE - OIL AND GAS | ALICE WYATT ET VIR          | BEN F. BLACK                   | 12/18/1944 | 59   | 506  | 33S      | 33W   | 25      | 33S33W25   | 33S-33W SECTION 25: N/2 NE/4 NE/4, W/2 NE/4 | SEWARD | 2        |



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|-------------|---------------------|----------------------------|-------------------------------------|------------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 30189000    | LEASE - OIL AND GAS | ANNIE K. LATTIMER          | BEN F. BLACK                        | 1/8/1945   | 73   | 541  | 33S      | 33W   | 25      | 33S33W25    | SECTION 25: SW/4, NW/4 SE/4                | SEWARD | 2        |
| 30190000    | LEASE - OIL AND GAS | LOTTE PIEHLER ET AL.       | BEN F. BLACK                        | 2/15/1945  | 73   | 459  | 33S      | 33W   | 25      | 33S33W25    | SECTION 25: NE/4 SE/4, S/2 SE/4, SE/4 NE/4 | SEWARD | 2        |
| 30191000    | LEASE - OIL AND GAS | L. A. PHILLIPS ET UX       | BEN F. BLACK                        | 12/1/1945  | 75   | 213  | 33S      | 33W   | 25      | 33S33W25    | SECTION 25: W/2 NW/4                       | SEWARD | 2        |
| 30181002    | LEASE - OIL AND GAS | FEDERAL FARM MORTGAGE CORP | PANHANDLE EASTERN PIPE LINE COMPANY | 6/12/1950  | 102  | 263  | 33S      | 33W   | 25      | 33S33W25    | SECTION 25: S/2 NE/4 NE/4                  | SEWARD | 2        |
| 30181001    | LEASE - OIL AND GAS | ROLAND JACQUART ET AL.     | PANHANDLE EASTERN PIPE LINE COMPANY | 6/12/1950  | 102  | 54   | 33S      | 33W   | 25      | 33S33W25    | SECTION 25: S/2 NE/4 NE/4                  | SEWARD | 2        |
| 83577000    | LEASE - OIL AND GAS | DAISY V. HEARD ET UX       | BEN F. BLACK                        | 12/5/1944  | 69   | 508  | 33S      | 33W   | 26      | 33S33W26    | SECTION 26: SE/4                           | SEWARD | 2        |
| 30158000    | LEASE - OIL AND GAS | CLIFFORD H. BROWNE ET UX   | PANHANDLE EASTERN PIPE LINE COMPANY | 11/1/1944  | 69   | 431  | 33S      | 33W   | 27      | 33S33W27    | SECTION 27: NE                             | SEWARD | 2, 17    |
| 83578000    | LEASE - OIL AND GAS | IDA M. GARY ET AL.         | JOHN M. FRANKLIN                    | 10/23/1944 | 69   | 579  | 33S      | 33W   | 27      | 33S33W27    | SECTION 27: W/2                            | SEWARD | 2        |

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| 83579000    | LEASE - OIL AND GAS | GERTRUDE BARTON        | BEN F. BLACK                        | 1/15/1945  | 73   | 427  | 33S      | 33W   | 27      | 33S33W27    | SECTION 27: SE/4<br>33S-33W | SEWARD | 2        |
| 83578000    | LEASE - OIL AND GAS | IDA M. GARY ET AL.     | JOHN M. FRANKLIN                    | 10/23/1944 | 69   | 579  | 33S      | 33W   | 28      | 33S33W28    | SECTION 28: SE/4<br>33S-33W | SEWARD | 2        |
| 83634000    | LEASE - OIL AND GAS | A. B. GRISHAM ET AL.   | PANHANDLE EASTERN PIPE LINE COMPANY | 3/31/1958  | 169  | 275  | 33S      | 33W   | 34      | 33S33W34    | SECTION 34: SW/4<br>33S-33W | SEWARD | 2        |
| 83631000    | LEASE - OIL AND GAS | ROSS FRAM ET UX        | PANHANDLE EASTERN PIPE LINE COMPANY | 3/18/1958  | 166  | 687  | 33S      | 33W   | 34      | 33S33W34    | SECTION 34: SW/4<br>33S-33W | SEWARD | 2        |
| 83620000    | LEASE - OIL AND GAS | IDA CAMERON            | PANHANDLE EASTERN PIPE LINE COMPANY | 4/2/1958   | 169  | 54   | 33S      | 33W   | 34      | 33S33W34    | SECTION 34: SW/4<br>33S-33W | SEWARD | 2        |
| 83633000    | LEASE - OIL AND GAS | LAUREL A. MARCH ET AL. | PANHANDLE EASTERN PIPE LINE COMPANY | 3/31/1958  | 169  | 56   | 33S      | 33W   | 34      | 33S33W34    | SECTION 34: SW/4<br>33S-33W | SEWARD | 2        |
| 83493000    | LEASE - OIL AND GAS | W. G. HARDEN ET UX     | PANHANDLE EASTERN PIPE LINE COMPANY | 10/30/1944 | 69   | 170  | 33S      | 33W   | 34      | 33S33W34    | SECTION 34: N/2<br>33S-33W  | SEWARD | 2        |
| 30192000    | LEASE - OIL AND GAS | ROSS FRAM ET UX        | BEN F. BLACK                        | 12/9/1944  | 73   | 326  | 33S      | 33W   | 35      | 33S33W35    | SECTION 35: S/2<br>33S-33W  | SEWARD | 2        |

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| 83584000    | LEASE - OIL AND GAS | W. E. SALLEY ET UX           | BEN F. BLACK                        | 4/18/1946 | 75   | 236  | 33S      | 33W   | 35      | 33S33W35    | SECTION 35: NW/4<br>33S-33W    | SEWARD | 2        |
| 30260000    | LEASE - OIL AND GAS | CARL W. MORGAN ET AL         | PANHANDLE EASTERN PIPE LINE COMPANY | 4/19/1954 | 135  | 182  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |
| 30157000    | LEASE - OIL AND GAS | MARY N. FTZOLD               | PANHANDLE EASTERN PIPE LINE COMPANY | 8/26/1944 | 69   | 124  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: SW/4<br>33S-33W     | SEWARD | 2        |
| 28364000    | TERM MINERAL DEED   | NANCY BALLINGER ET VIR ET AL | ANADARKO PETROLEUM CORPORATION      | 6/30/1986 | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |
| 28365001    | TERM MINERAL DEED   | LINDA M. BAUNHOFER ET VIR    | ANADARKO PETROLEUM CORPORATION      | 8/1/1996  | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |
| 28365002    | TERM MINERAL DEED   | KIMBERLY K. M. DAEMI ET VIR  | ANADARKO PETROLEUM CORPORATION      | 8/1/1996  | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |
| 28365003    | TERM MINERAL DEED   | CONNIE MORGAN SHAW           | ANADARKO PETROLEUM CORPORATION      | 8/5/1986  | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |
| 28365004    | TERM MINERAL DEED   | SYLVIA M. PRAT ET VIR        | ANADARKO PETROLEUM CORPORATION      | 8/1/1986  | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4<br>33S-33W | SEWARD | 2        |

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| 28365005    | TERM MINERAL DEED   | CHARLES H. MORGAN          | ANADARKO PETROLEUM CORPORATION      | 8/14/1986 | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4                         | SEWARD | 2        |
| 28365006    | TERM MINERAL DEED   | STEPHEN MORGAN             | ANADARKO PETROLEUM CORPORATION      | 8/4/1986  | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4                         | SEWARD | 2        |
| 28365007    | TERM MINERAL DEED   | LEOLA L. STALEY            | ANADARKO PETROLEUM CORPORATION      | 9/16/1986 | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4                         | SEWARD | 2        |
| 28365008    | TERM MINERAL DEED   | HARLEY MORGAN              | ANADARKO PETROLEUM CORPORATION      | 8/27/1986 | 593  | 574  | 33S      | 33W   | 9       | 33S33W9     | SECTION 9: S/2 NW/4                         | SEWARD | 2        |
| 30175000    | LEASE - OIL AND GAS | HAZEL LUCILLE JONES ET VIR | FRED C. KOCH                        | 4/3/1944  | 1    | 620  | 33S      | 34W   | 10      | 33S34W10    | SECTION 10: E/2 SE/4                        | SEWARD | 2        |
| 30154000    | LEASE - OIL AND GAS | FRED C. KOCH ET AL         | PANHANDLE EASTERN PIPE LINE COMPANY | 7/11/1949 | 85   | 334  | 33S      | 34W   | 15      | 33S34W15    | SECTION 15: NW/4 NE/4, SE/4, SW/4 NE/4, W/2 | SEWARD | 2, 14    |
| 83518000    | LEASE - OIL AND GAS | D. W. MCGEE ET UX          | FRANK PARKES                        | 3/4/1942  | 64   | 238  | 33S      | 34W   | 18      | 33S34W18    | SECTION 18: N/2, SE/4                       | SEWARD | 2        |
| 83522000    | LEASE - OIL AND GAS | CECIL G. MELTON ET UX      | FRANK PARKES                        | 9/23/1942 | 64   | 251  | 33S      | 34W   | 18      | 33S34W18    | SECTION 18: SW/4                            | SEWARD | 2        |

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| 30164000    | LEASE - OIL AND GAS | GUY S. SPARKMAN ET UX   | CITIES SERVICE OIL COMPANY             | 4/21/1943 | 47   | 552  | 33S      | 34W   | 2       | 33S34W2  | SECTION 2: NW/4                            | SEWARD | 2        |
| 30174000    | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA  | FRED C KOCH                            | 4/24/1944 | 1    | 613  | 33S      | 34W   | 2       | 33S34W2  | SECTION 2: S/2                             | SEWARD | 2        |
| 83526000    | LEASE - OIL AND GAS | GLEN MARCELLUS ET UX  | CITIES SERVICE OIL COMPANY             | 4/24/1943 | 47   | 551  | 33S      | 34W   | 23      | 33S34W23 | SECTION 23: N/2                            | SEWARD | 2        |
| 83527000    | LEASE - OIL AND GAS | OWEN E. MAXWELL ET UX   | CITIES SERVICE OIL COMPANY             | 4/24/1943 | 47   | 554  | 33S      | 34W   | 23      | 33S34W23 | SECTION 23: S/2                            | SEWARD | 2, 16    |
| N/A         | LEASE - OIL AND GAS | JOSEPH J. SCHOONOVER ET UX  | FRED C. KOCH                           | 5/6/1944  | 69   | 2    | 33S      | 34W   | 25      | 33S34W25 | SECTION 25: NW/4                           | SEWARD | 2        |
| 30220000    | LEASE - OIL AND GAS | THEOPOLIS A HACKER, OTHERWISE<br>KNOWN AS T. A HACKER AND ROBERTA<br>HACKER, HIS WIFE | PANHANDLE EASTERN PIPE LINE<br>COMPANY | 6/15/1949 | 85   | 318  | 33S      | 34W   | 26      | 33S34W26 | SECTION 26: W/2                            | SEWARD | 2        |
| 30221000    | LEASE - OIL AND GAS | CLARENCE M. NIX ET AL.  | PANHANDLE EASTERN PIPE LINE<br>COMPANY | 7/22/1949 | 85   | 325  | 33S      | 34W   | 27      | 33S34W27 | SECTION 27: N/2 SW/4, SE/4 SW/4, S/W4 SW/4 | SEWARD | 2, 15    |
| 30222000    | LEASE - OIL AND GAS | ANNA GUTTRIDGE  | PANHANDLE EASTERN PIPE LINE<br>COMPANY | 6/11/1949 | 85   | 315  | 33S      | 34W   | 27      | 33S34W27 | SECTION 27: S/2 NW/4                       | SEWARD | 2, 15    |
| 30167000    | LEASE - OIL AND GAS | HENRY GUTTRIDGE ET UX   | PANHANDLE EASTERN PIPE LINE<br>COMPANY | 6/10/1949 | 85   | 313  | 33S      | 34W   | 27      | 33S34W27 | SECTION 27: N/2 NW/4                       | SEWARD | 2, 15    |
| N/A         | LEASE - OIL AND GAS | MAUDE GUTTRIDGE ET AL.  | TOM BURDEN                             | 4/22/1969 | 249  | 360  | 33S      | 34W   | 27      | 33S34W27 | SECTION 27: E/2                            | SEWARD | 2, 15    |

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| 83529000    | LEASE - OIL AND GAS | CLARENCE M. NIX ET AL.  | PANHANDLE EASTERN PIPE LINE COMPANY | 7/22/1949 | 85   | 326  | 33S      | 34W   | 28      | 33S34W28    | 33S-34W SECTION 28: NE/4 | SEWARD | 2        |
| 83530000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX | CITIES SERVICE OIL COMPANY          | 6/25/1943 | 47   | 325  | 33S      | 34W   | 28      | 33S34W28    | 33S-34W SECTION 28: NW/4 | SEWARD | 2        |
| 83531000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX | CITIES SERVICE OIL COMPANY          | 6/25/1943 | 47   | 331  | 33S      | 34W   | 28      | 33S34W28    | 33S-34W SECTION 28: SW/4 | SEWARD | 2        |
| 83552000    | LEASE - OIL AND GAS | CLARENCE M. NIX ET AL.  | FRANK PARKES                        | 9/23/1942 | 64   | 257  | 33S      | 34W   | 28      | 33S34W28    | 33S-34W SECTION 28: SE/4 | SEWARD | 2        |
| 30173000    | LEASE - OIL AND GAS | HENRY GUTTRIDGE ET UX   | PANHANDLE EASTERN PIPE LINE COMPANY | 6/10/1949 | 85   | 308  | 33S      | 34W   | 29      | 33S34W29    | 33S-34W SECTION 29: NW/4 | SEWARD | 2, 20    |
| 83532000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX | CITIES SERVICE OIL COMPANY          | 6/25/1943 | 47   | 326  | 33S      | 34W   | 29      | 33S34W29    | 33S-34W SECTION 29: SW/4 | SEWARD | 2, 20    |
| 83533000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX | CITIES SERVICE OIL COMPANY          | 6/25/1943 | 47   | 327  | 33S      | 34W   | 29      | 33S34W29    | 33S-34W SECTION 29: NE/4 | SEWARD | 2, 20    |
| 83534000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX | CITIES SERVICE OIL COMPANY          | 6/25/1943 | 47   | 328  | 33S      | 34W   | 29      | 33S34W29    | 33S-34W SECTION 29: SE/4 | SEWARD | 2, 20    |

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| 83594000    | LEASE - OIL AND GAS | JOHN W. FULLER ET UX          | NORTHERN NATURAL GAS COMPANY        | 4/10/1946  | 75   | 259  | 33S      | 34W   | 30      | 33S34W30    | SECTION 30: Lots 3, 4, E/2 SW/4 | SEWARD | 2        |
| 8347000     | LEASE - OIL AND GAS | MARY A. FULLER                | FRANK PARKES                        | 3/3/1942   | 64   | 227  | 33S      | 34W   | 30      | 33S34W30    | SECTION 30: NW/4                | SEWARD | 2        |
| 83550000    | LEASE - OIL AND GAS | C. E. HOWLAND ET UX           | PANHANDLE EASTERN PIPE LINE COMPANY | 10/26/1949 | 85   | 351  | 33S      | 34W   | 30      | 33S34W30    | SECTION 30: SE/4                | SEWARD | 2        |
| 83741000    | LEASE - OIL AND GAS | HENRY F. GUTTRIDGE ET UX      | PANHANDLE EASTERN PIPE LINE COMPANY | 6/10/1949  | 85   | 311  | 33S      | 34W   | 30      | 33S34W30    | SECTION 30: NE/4                | SEWARD | 2        |
| 83537000    | LEASE - OIL AND GAS | ALBERT E. FINCHAM ET UX       | CITIES SERVICE OIL COMPANY          | 6/25/1943  | 47   | 329  | 33S      | 34W   | 33      | 33S34W33    | SECTION 33: NW/4                | SEWARD | 2, 19    |
| 83538000    | LEASE - OIL AND GAS | JOSEPHINE G. ALEXANDER ET VIR | E. L. BRADLEY                       | 6/18/1945  | 73   | 215  | 33S      | 34W   | 33      | 33S34W33    | SECTION 33: SE/4                | SEWARD | 2, 19    |
| 83518000    | LEASE - OIL AND GAS | D. W. MCGEE ET UX             | FRANK PARKES                        | 3/4/1942   | 64   | 238  | 33S      | 34W   | 7       | 33S34W7     | SECTION 7: SE/4                 | SEWARD | 2        |
| 83660000    | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL      | ANADARKO PETROLEUM CORPORATION      | 11/4/1961  | 195  | 365  | 34S      | 31W   | 5       | 34S31W5     | SECTION 5: LOTS 1, 2, S/2 NE/4  | SEWARD | 2        |

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| 8365000              | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL   | ANADARKO PETROLEUM CORPORATION      | 11/4/1961  | 195  | 363  | 34S      | 31W   | 5       |             | SECTION 5: LOTS 3, 4, S/2 NW/4                  | SEWARD | 2        |
| 83498000             | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL   | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944  | 69   | 194  | 34S      | 31W   | 5       |             | SECTION 5: N/2 SE/4, SE/4 SE/4, SW/4            | SEWARD | 2        |
| N/A                  | LEASE - OIL AND GAS | ROBERT DAVIES ET UX        | ANADARKO PETROLEUM CORPORATION      | 12/20/1963 | 213  | 220  | 34S      | 31W   | 5       |             | SECTION 5: SW/4 SE/4                            | SEWARD | 2        |
| 34416000             | LEASE - OIL AND GAS | RICE DAVIES                | PANHANDLE EASTERN PIPE LINE COMPANY | 3/1/1957   | 159  | 9    | 34S      | 31W   | 6       |             | SECTION 6: LOTS 2 AND 3                         | SEWARD | 2        |
| 34458000<br>83664000 | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL   | ANADARKO PETROLEUM CORPORATION      | 11/4/1961  | 195  | 361  | 34S      | 31W   | 6       |             | SECTION 6: LOT 1                                | SEWARD | 2        |
| 83758000             | LEASE - OIL AND GAS | ROBERT DAVIES ET UX        | E. H. ADAIR                         | 10/30/1956 | 159  | 116  | 34S      | 31W   | 6       |             | SECTION 6: NW/4 NW/4, S/2, S/2 N/2              | SEWARD | 2        |
| 83500000             | LEASE - OIL AND GAS | PANSY H. LANGHOFFER ET VIR | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944  | 69   | 190  | 34S      | 31W   | 8       |             | SECTION 8: SE/4 NE/4, E/2 SE/4, NW/4 SE/4       | SEWARD | 2        |
| 83499000             | LEASE - OIL AND GAS | J. RAYMOND MCCLURE ET AL   | PANHANDLE EASTERN PIPE LINE COMPANY | 11/4/1944  | 69   | 192  | 34S      | 31W   | 8       |             | SECTION 8: SW/4 SE/4, N/2 SW/4, NW/4, SE/4 SW/4 | SEWARD | 2        |
| 83747000             | LEASE - OIL AND GAS | LAWRENCE E. HOWELL ET UX   | THE SUPERIOR OIL COMPANY            | 11/24/1960 | 190  | 95   | 34S      | 31W   | 8       |             | SECTION 8: SW/4 SW/4                            | SEWARD | 2        |



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| 83744000    | LEASE - OIL AND GAS | JESSIE M. ROBERTS ET AL       | THE SUPERIOR OIL COMPANY            | 11/16/1960 | 190  | 33   | 34S      | 31W   | 8       | 34S31W8      | SECTION 8: SW/4 SW/4                  | SEWARD | 2        |
| 83745000    | LEASE - OIL AND GAS | FRED C. HOWELL ET UX          | THE SUPERIOR OIL COMPANY            | 11/24/1960 | 190  | 31   | 34S      | 31W   | 8       | 34S31W8      | SECTION 8: SW/4 SW/4                  | SEWARD | 2        |
| 83746000    | LEASE - OIL AND GAS | HALLIE HOWELL RISLEY ET VIR   | THE SUPERIOR OIL COMPANY            | 11/24/1960 | 190  | 66   | 34S      | 31W   | 8       | 34S31W8      | SECTION 8: SW/4 SW/4                  | SEWARD | 2        |
| 83748000    | LEASE - OIL AND GAS | ELTA R. HOWELL ET AL          | THE SUPERIOR OIL COMPANY            | 11/16/1960 | 190  | 29   | 34S      | 31W   | 8       | 34S31W8      | SECTION 8: SW/4 SW/4                  | SEWARD | 2        |
| 83758000    | LEASE - OIL AND GAS | ROBERT DAVIES ET UX           | E. H. ADAIR                         | 10/30/1956 | 159  | 116  | 34S      | 31W   | 8       | 34S31W8      | SECTION 8: N/2 NE/4, SW/4 NE/4        | SEWARD | 2        |
| 83516000    | LEASE - OIL AND GAS | FRANCES O. ETZENHOUSER ET VIR | PANHANDLE EASTERN PIPE LINE COMPANY | 5/10/1945  | 75   | 144  | 34S      | 32W   | 19      | 34S32W19     | SECTION 19: LOTS 1, 2, E/2 NW/4       | SEWARD | 2        |
| 83702000    | LEASE - OIL AND GAS | HARRY REDFORD ET UX           | ANADARKO PRODUCTION CORPORATION     | 3/6/1968   | 243  | 465  | 34S      | 32W   | 19      | 34S32W19     | SECTION 19: NE/4                      | SEWARD | 2        |
| 83682000    | LEASE - OIL AND GAS | ALPHA ANN MARSH CADY ET VIR   | ANADARKO PETROLEUM CORPORATION      | 4/13/1965  | 220  | 183  | 34S      | 32W   | 19      | 34S32W19     | SECTION 19: LOTS 3, 4, E/2 SW/4, SE/4 | SEWARD | 2        |

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| 83776000    | LEASE - OIL AND GAS | PAUL DEAN BLASER ET AL | CROSS BAR PETROLEUM INC.       | 10/30/1996 | 477  | 310  | 34S      | 32W   | 29      | 34S32W29  | SECTION 29, NW/4<br>34S-32W      | SEWARD | 2        |
| 83770000    | LEASE - OIL AND GAS | ROCO INC.              | CROSS BAR PETROLEUM INC.       | 10/30/1996 | 477  | 322  | 34S      | 32W   | 29      | 34S32W29  | SECTION 29, NW/4<br>34S-32W      | SEWARD | 2        |
| 83778000    | LEASE - OIL AND GAS | PAUL DEAN BLASER ET AL | CROSS BAR PETROLEUM INC.       | 10/30/1996 | 477  | 314  | 34S      | 32W   | 29      | 34S32W29  | SECTION 29, SW/4<br>34S-32W      | SEWARD | 2        |
| 83779000    | LEASE - OIL AND GAS | ROCO INC.              | CROSS BAR PETROLEUM INC.       | 10/30/1996 | 477  | 318  | 34S      | 32W   | 29      | 34S32W29  | SECTION 29, SW/4<br>34S-32W      | SEWARD | 2        |
| 83684000    | LEASE - OIL AND GAS | L. G. BLACKMER ET UX   | THE CARTER OIL COMPANY         | 9/16/1955  | 135  | 591  | 34S      | 32W   | 31      | 34S32W31  | SECTION 31: N/2, SW/4<br>34S-32W | SEWARD | 2        |
| 83683000    | LEASE - OIL AND GAS | M. ALACE RINDOM ET AL  | O. R. WHITTAKER                | 10/4/1962  | 202  | 160  | 34S      | 32W   | 32      | 34S32W32  | SECTION 32: NW/4<br>34S-32W      | SEWARD | 2        |
| 83721000    | LEASE - OIL AND GAS | PAUL W. LIGHT TRUST    | ANADARKO PETROLEUM CORPORATION | 9/30/1971  | 261  | 364  | 34S      | 32W   | 5       | 34S32W5   | SECTION 5: SE/4<br>34S-32W       | SEWARD | 2        |
| 83720000    | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX   | ANADARKO PETROLEUM CORPORATION | 9/30/1971  | 26   | 366  | 34S      | 32W   | 5       | 34S32W5   | SECTION 5: SE/4<br>34S-32W       | SEWARD | 2        |
| 83723000    | LEASE - OIL AND GAS | LUCILE RADKE ET VIR    | ANADARKO PETROLEUM CORPORATION | 9/30/1971  | 261  | 368  | 34S      | 32W   | 5       | 34S32W5   | SECTION 5: SE/4<br>34S-32W       | SEWARD | 2        |

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| 83724000    | LEASE - OIL AND GAS | PAUL A LIGHT ET UX     | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 370  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SE/4<br>34S-32W                | SEWARD | 2        |
| 83725000    | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 372  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SE/4<br>34S-32W                | SEWARD | 2        |
| 83726000    | LEASE - OIL AND GAS | W. D. LIGHT ET UX      | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 264  | 29   | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SE/4<br>34S-32W                | SEWARD | 2        |
| 83721000    | LEASE - OIL AND GAS | PAUL W. LIGHT TRUST    | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 374  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 83722000    | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX   | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 376  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 83723000    | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR   | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 378  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 73724000    | LEASE - OIL AND GAS | PAUL A LIGHT ET UX     | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 380  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 73725000    | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 382  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 73726000    | LEASE - OIL AND GAS | W. D. LIGHT ET UX      | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 264  | 31   | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: SW/4<br>34S-32W                | SEWARD | 2        |
| 83709000    | LEASE - OIL AND GAS | PAUL W. LIGHT TRUST    | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 354  | 34S      | 32W   | 5       | 34S32W5    | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |

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| 83705000    | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR   | ANADARKO PRODUCTION COMPANY    | 9/30/1971 | 261  | 348  | 34S      | 32W   | 6       | 34S32W6 | SECTION 6: LOTS 1, 2, S/2 NE/4<br>34S-32W | SEWARD | 2        |
| 83704000    | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX   | ANADARKO PRODUCTION COMPANY    | 9/30/1971 | 261  | 346  | 34S      | 32W   | 6       | 34S32W6 | SECTION 6: LOTS 1, 2, S/2 NE/4<br>34S-32W | SEWARD | 2        |
| 83703000    | LEASE - OIL AND GAS | PAUL W. LIGHT TRUST    | ANADARKO PRODUCTION COMPANY    | 9/30/1971 | 261  | 344  | 34S      | 32W   | 6       | 34S32W6 | SECTION 6: LOTS 1, 2, S/2 NE/4<br>34S-32W | SEWARD | 2        |
| 83714000    | LEASE - OIL AND GAS | W. D. LIGHT ET UX      | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 264  | 27   | 34S      | 32W   | 5       | 34S32W5 | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |
| 83713000    | LEASE - OIL AND GAS | HELEN GUNDERSON ET VIR | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 362  | 34S      | 32W   | 5       | 34S32W5 | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |
| 83712000    | LEASE - OIL AND GAS | PAUL A. LIGHT ET UX    | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 360  | 34S      | 32W   | 5       | 34S32W5 | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |
| 83711000    | LEASE - OIL AND GAS | LUCILLE RADKE ET VIR   | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 358  | 34S      | 32W   | 5       | 34S32W5 | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |
| 83710000    | LEASE - OIL AND GAS | CARYL C. LIGHT ET UX   | ANADARKO PETROLEUM CORPORATION | 9/30/1971 | 261  | 356  | 34S      | 32W   | 5       | 34S32W5 | SECTION 5: LOTS 3, 4, E/2 NW/4<br>34S-34W | SEWARD | 2        |

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| 83706000    | LEASE - OIL AND GAS | PAUL A LIGHT ET UX                  | ANADARKO PRODUCTION COMPANY         | 9/30/1971 | 261  | 350  | 34S      | 32W   | 6       | 34S32W6     | SECTION 6: LOTS 1, 2, S/2 NB/4 | SEWARD | 2        |
| 83707000    | LEASE - OIL AND GAS | HELEN GRUNDERSEN ET VIR             | ANADARKO PRODUCTION COMPANY         | 9/30/1971 | 261  | 352  | 34S      | 32W   | 6       | 34S32W6     | SECTION 6: LOTS 1, 2, S/2 NB/4 | SEWARD | 2        |
| 83708000    | LEASE - OIL AND GAS | W. D. LIGHT ET UX                   | ANADARKO PRODUCTION COMPANY         | 9/30/1971 | 264  | 25   | 34S      | 32W   | 6       | 34S32W6     | SECTION 6: LOTS 1, 2, S/2 NB/4 | SEWARD | 2        |
| 30179000    | LEASE - OIL AND GAS | J. C. BROWN ET UX                   | PANHANDLE EASTERN PIPE LINE COMPANY | 2/27/1950 | 85   | 486  | 34S      | 33W   | 2       | 34S33W2     | SECTION 2: SW/4                | SEWARD | 2        |
| 83698000    | LEASE - OIL AND GAS | WILBY MCAHERN ET UX                 | ANADARKO PETROLEUM CORPORATION      | 4/13/1967 | 238  | 497  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: SW/4               | SEWARD | 2        |
| 83699000    | LEASE - OIL AND GAS | OKLAHOMA FURNATURE MANUFACTURING CO | ANADARKO PETROLEUM CORPORATION      | 5/17/1967 | 238  | 568  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: SW/4               | SEWARD | 2        |
| 83700000    | LEASE - OIL AND GAS | WOODS PETROLEUM CORPORATION         | ANADARKO PETROLEUM CORPORATION      | 5/17/1967 | 238  | 570  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: SW/4, SE/4         | SEWARD | 2        |
| 83677000    | LEASE - OIL AND GAS | WILBY MCAHERN ET UX                 | ANADARKO PRODUCTION COMPANY         | 4/13/1967 | 238  | 495  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: NW/4               | SEWARD | 2        |
| 83677000    | LEASE - OIL AND GAS | WILBY MCAHERN ET UX                 | ANADARKO PRODUCTION COMPANY         | 1/5/1965  | 218  | 253  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: E/2 NE/4, W/2 NE/4 | SEWARD | 2        |
| 83678000    | LEASE - OIL AND GAS | CHARLES S. CORRELL ET UX            | ANADARKO PRODUCTION COMPANY         | 1/6/1965  | 218  | 251  | 34S      | 33W   | 24      | 34S33W24    | SECTION 24: SE/4               | SEWARD | 2        |

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| 83679000    | LEASE - OIL AND GAS | WARD S.MERRICK JR. ET AL | ANADARKO PRODUCTION COMPANY    | 5/17/1967 | 238  | 566  | 34S      | 33W   | 24      | 34S33W24 | SECTION 24: SB/4           | SEWARD | 2        |
| 83680000    | LEASE - OIL AND GAS | R. D. JONES INC          | ANADARKO PRODUCTION COMPANY    | 5/17/1967 | 238  | 572  | 34S      | 33W   | 24      | 34S33W24 | SECTION 24: SB/4           | SEWARD | 2        |
| 83541000    | LEASE - OIL AND GAS | HOMER KRIEBLE            | CITIES SERVICE OIL COMPANY     | 4/19/1943 | 47   | 549  | 34S      | 34W   | 10      | 34S34W10 | SECTION 10: E/2 NE/4, S/2  | SEWARD | 2, 18    |
| 83542000    | LEASE - OIL AND GAS | DON E. PRIEFERT ET UX    | CITIES SERVICE OIL COMPANY     | 4/19/1943 | 47   | 550  | 34S      | 34W   | 10      | 34S34W10 | SECTION 10: NW/4, W/2 NE/4 | SEWARD | 2, 18    |
| 30241000    | LEASE - OIL AND GAS | CLEO A. ADAMSON ET AL    | FRED C. KOCH                   | 6/9/1943  | 47   | 571  | 34S      | 34W   | 11      | 34S34W11 | SECTION 11: SB/4           | SEWARD | 2        |
| 30242000    | LEASE - OIL AND GAS | ARTHUR H. KEATING ET AL  | FRED C. KOCH                   | 6/10/1943 | 47   | 314  | 34S      | 34W   | 2       | 34S34W2  | SECTION 2: NE/4            | SEWARD | 2        |
| 30225000    | LEASE - OIL AND GAS | MRTLE GASAWAY ET AL      | FRED C. KOCH                   | 3/6/1944  | 69   | 13   | 34S      | 34W   | 23      | 34S34W23 | SECTION 23: W/2            | SEWARD | 2        |
| 37167000    | LEASE - OIL AND GAS | W. R. GREEN ET UX        | FRED C. KOCH                   | 6/10/1943 | 47   | 315  | 34S      | 34W   | 26      | 34S34W26 | SECTION 26: W/2            | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | L. A. BLOOM ET UX        | ANADARKO PETROLEUM CORPORATION | 1/3/1978  | 299  | 497  | 34S      | 34W   | 26      | 34S34W26 | SECTION 26: SB/4           | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | L. A. BLOOM ET UX        | ANADARKO PETROLEUM CORPORATION | 1/3/1978  | 299  | 500  | 34S      | 34W   | 26      | 34S34W26 | SECTION 26: NE/4           | SEWARD | 2        |

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| 8365000     | LEASE - OIL AND GAS | RHODA SMITH ET AL               | QUINQUE OIL & GAS PRODUCING CO | 5/6/1944  | 69   | 63   | 34S      | 34W   | 27      | 34S34W27    | 34S-34W SECTION 27: N/2                      | SEWARD | 2, 21    |
| 83610000    | LEASE - OIL AND GAS | JOHN W. MOORE ET AL             | CHAS VANCE                     | 7/1/1950  | 102  | 391  | 34S      | 34W   | 27      | 34S34W27    | 34S-34W SECTION 27: E/2 SE/4, SW/4, W/2 SE/4 | SEWARD | 2, 21    |
| 30228000    | LEASE - OIL AND GAS | ALYCE GAMMELL ET AL             | ANADARKO PETROLEUM CORPORATION | 7/24/1980 | 318  | 695  | 34S      | 34W   | 29      | 34S34W29    | 34S-34W SECTION 17: NW/4                     | SEWARD | 2        |
| 30229000    | LEASE - OIL AND GAS | ALYCE GAMMELL ET AL             | ANADARKO PETROLEUM CORPORATION | 7/24/1980 | 318  | 688  | 34S      | 34W   | 29      | 34S34W29    | 34S-34W SECTION 17: NE/4                     | SEWARD | 2        |
| 30231000    | LEASE - OIL AND GAS | HARMON GILBERT BIRMINGHAM ET UX | VERNON T. BEHRENDT             | 5/27/1982 | 333  | 842  | 34S      | 34W   | 29      | 34S34W29    | 34S-34W SECTION 29: SW/4                     | SEWARD | 2        |
| 30299001    | LEASE - OIL AND GAS | WEST PENN ROYAL/TITES COMPANY   | NORTHERN PUMP COMPANY          | 3/16/1951 | 106  | 571  | 34S      | 34W   | 34      | 34S34W34    | 34S-34W SECTION 34: W/2                      | SEWARD | 2        |
| 30299002    | LEASE - OIL AND GAS | LENA FREIDMAN & PHILIP FREIDMAN | NORTHERN PUMP COMPANY          | 3/16/1951 | 106  | 536  | 34S      | 34W   | 34      | 34S34W34    | 34S-34W SECTION 34: W/2                      | SEWARD | 2        |

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| 3029003<br>67553005 | LEASE - OIL AND GAS | BENJAMIN MALEUDE ET UX     | NORTHERN PUMP COMPANY                  | 3/16/1951 | 11   | 64   | 34S      | 34W   | 34      | 34S34W34    | 34S-34W<br>SECTION 34: W/2  | SEWARD | 2        |
| 3029004<br>67553004 | LEASE - OIL AND GAS | ROSE GEORGE MURRO ET AL.   | JOHN B. HAWLEY JR.                     | 5/3/1951  | 111  | 63   | 34S      | 34W   | 34      | 34S34W34    | 34S-34W<br>SECTION 34: W/2  | SEWARD | 2        |
| 3029005<br>67553001 | LEASE - OIL AND GAS | H. H. MATKIN ET UX         | JOHN B. HAWLEY JR.                     | 2/7/1951  | 106  | 395  | 34S      | 34W   | 34      | 34S34W34    | 34S-34W<br>SECTION 34: W/2  | SEWARD | 2        |
| 3029006             | LEASE - OIL AND GAS | MILTON H. BLAKEMORE ET AL. | NORTHERN PUMP COMPANY                  | 9/8/1980  | 321  | 626  | 34S      | 34W   | 34      | 34S34W34    | 34S-34W<br>SECTION 34: W/2  | SEWARD | 2        |
| 83596000            | LEASE - OIL AND GAS | RAY LAMBERTON ET UX        | PANHANDLE EASTERN PIPE LINE<br>COMPANY | 4/18/1952 | 111  | 474  | 34S      | 34W   | 34      | 34S34W34    | 34S-34W<br>SECTION 34: NE/4 | SEWARD | 2        |



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| 83568000             | LEASE - OIL AND GAS | JENNIE M. WOODS                 | PANHANDLE EASTERN PIPE LINE COMPANY | 3/30/1956  | 141  | 364  | 34S      | 34W   | 34      | 34S34W34  | SECTION 34: E/2<br>34S-34W  | SEWARD | 2        |
| 83567000             | LEASE - OIL AND GAS | ALVIN R. SWINDLER ET UX         | PANHANDLE EASTERN PIPE LINE COMPANY | 5/8/1950   | 85   | 603  | 34S      | 34W   | 34      | 34S34W34  | SECTION 34: SE/4<br>34S-34W   | SEWARD | 2        |
| 30195002             | LEASE - OIL AND GAS | GERTIE THEIRER PINKERTON ET AL. | QUINQUE OIL & GAS PRODUCING CO.     | 9/16/1943  | 1    | 484  | 34S      | 34W   | 35      | 34S34W35  | SECTION 35: E/2<br>34S-34W  | SEWARD | 2        |
| 30194000             | LEASE - OIL AND GAS | RAY LAMBERSON ET UX             | QUINQUE OIL & GAS PRODUCING CO.     | 12/31/1942 | 47   | 395  | 34S      | 34W   | 35      | 34S34W35  | SECTION 35: W/2<br>34S-34W  | SEWARD | 2        |
| 30195001             | LEASE - OIL AND GAS | T. H. PRINTZ ET UX              | QUINQUE OIL & GAS PRODUCING CO.     | 1/2/1943   | 47   | 524  | 34S      | 34W   | 35      | 34S34W35  | SECTION 35: E/2<br>34S-34W  | SEWARD | 2        |
| 30396000<br>67530000 | LEASE - OIL AND GAS | CITY OF LIBERAL KANSAS          | NORVAL BALLARD                      | 2/6/1951   | 106  | 298  | 34S      | 34W   | 36      | 34S34W36  | 34S-34W<br>SECTION 36: E/2 NE/4<br>LIMITED TO THE WELLBORE ONLY OF THE CITY OF LIBERAL C<br>1 WELL (API 1517521792) | SEWARD | 2        |

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| 83770000    | LEASE - OIL AND GAS | MARLIN BROWN ET UX       | J. FRED HAMBRIGHT INC. | 8/24/1996  | 478  | 700  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2        |
| 83771000    | LEASE - OIL AND GAS | ELMA C. BRANDES          | J. FRED HAMBRIGHT INC. | 8/25/1996  | 478  | 704  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2        |
| 83772000    | LEASE - OIL AND GAS | URIEL W. BROWN ET UX     | J. FRED HAMBRIGHT INC. | 8/25/1996  | 478  | 702  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2        |
| 83773000    | LEASE - OIL AND GAS | HELEN GUTTRIDGE          | J. FRED HAMBRIGHT INC. | 8/25/1996  | 478  | 698  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2        |
| 83774000    | LEASE - OIL AND GAS | BETTY L. MITCHELL ET VIR | J. FRED HAMBRIGHT INC. | 8/25/1996  | 478  | 696  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4 | SEWARD | 2        |
| 83761000    | LEASE - OIL AND GAS | LOUIS K. IPSON ET UX     | J. FRED HAMBRIGHT INC. | 8/20/1996  | 475  | 317  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: SE/4                      | SEWARD | 2        |
| 83762000    | LEASE - OIL AND GAS | DEANE GLEASON LIV TRUST  | J. FRED HAMBRIGHT INC. | 8/20/1996  | 475  | 658  | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: SE/4                      | SEWARD | 2        |
| 83763000    | LEASE - OIL AND GAS | WRIGHT FAMILY TRUST      | J. FRED HAMBRIGHT INC. | 10/11/1996 | 476  | 1076 | 35S      | 32W   | 6       | 35S32W6    | SECTION 6: SE/4                      | SEWARD | 2        |

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|-------------|---------------------|------------------------|--------------------------------|------------|------|------|----------|-------|---------|-------------|---|--------|----------|
| 83764000    | LEASE - OIL AND GAS | ALAN S. GRAHAM ET UX   | J. FRED HAMBRIGT INC.          | 10/17/1996 | 476  | 1078 | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 83765000    | LEASE - OIL AND GAS | LEASA TITUS ET VIR     | J. FRED HAMBRIGT INC.          | 10/17/1996 | 477  | 520  | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 86766000    | LEASE - OIL AND GAS | HAROLD E. BOX ET UX    | J. FRED HAMBRIGT               | 8/13/1997  | 485  | 944  | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 83767000    | LEASE - OIL AND GAS | MILDRED RENE OMAN      | J. FRED HAMBRIGT INC.          | 8/31/1996  | 476  | 926  | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 83768000    | LEASE - OIL AND GAS | BONTA HAYES            | J. FRED HAMBRIGT               | 11/7/1997  | 487  | 980  | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 83769000    | LEASE - OIL AND GAS | MELODY FRY ET VIR      | J. FRED HAMBRIGT               | 11/17/1997 | 489  | 582  | 35S      | 32W   | 6       | 35S32W6     | SECTION 6, SE/4<br>35S-32W                            | SEWARD | 2        |
| 62266000    | LEASE - OIL AND GAS | HENRY V. TUOCKER ET UX | F. W. KAMPF                    | 11/21/1944 | 69   | 623  | 35S      | 33W   | 6       | 35S33W6     | SECTION 6: THE SOUTH 120 ACRES OF THE SW/4<br>35S-33W | SEWARD | 2        |
| 30156000    | LEASE - OIL AND GAS | LOU WOLLEY             | PANHANDLE EASTERN PIPELINE CO. | 8/30/1944  | 69   | 125  | 35S      | 33W   | 7       | 35S33W7     | SECTION 7, SE/4<br>35S-33W                            | SEWARD | 2        |
| 83648000    | LEASE - OIL AND GAS | JOHN S. GROVER ET UX   | ANADARKO PRODUCTION COMPANY    | 10/30/1959 | 180  | 358  | 35S      | 34W   | 1       | 35S34W1     | SECTION 1, SW/4<br>35S-34W                            | SEWARD | 2        |
| 83645000    | LEASE - OIL AND GAS | RITA HAYES             | ANADARKO PRODUCTION COMPANY    | 10/30/1959 | 180  | 362  | 35S      | 34W   | 1       | 35S34W1     | SECTION 1, S/2 NW/4<br>35S-34W                        | SEWARD | 2        |

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| 83731000    | LEASE - OIL AND GAS | JOSEPHINE LIGHT ET VIR ET AL | ANADARKO PRODUCTION COMPANY     | 10/14/1981 | 331  | 63   | 35S      | 34W   | 12      | 35S34W12    | 35S-34W SECTION 12: NE/4               | SEWARD | 2        |
| 83730000    | LEASE - OIL AND GAS | JOSEPHINE LIGHT ET VIR ET AL | ANADARKO PRODUCTION COMPANY     | 10/14/1981 | 331  | 60   | 35S      | 34W   | 12      | 35S34W12    | 35S-34W SECTION 12: NW/4               | SEWARD | 2        |
| 83729000    | LEASE - OIL AND GAS | IVAN D. HEADRICK ET UX       | ANADARKO PRODUCTION COMPANY     | 8/14/1978  | 304  | 962  | 35S      | 34W   | 11      | 35S34W11    | 35S-34W SECTION 11: SE/4               | SEWARD | 2        |
| 83647000    | LEASE - OIL AND GAS | ESTHER L. HILL               | ANADARKO PRODUCTION COMPANY     | 10/30/1959 | 180  | 360  | 35S      | 34W   | 11      | 35S34W11    | 35S-34W SECTION 11: N/2 NE/4           | SEWARD | 2        |
| 30198000    | LEASE - OIL AND GAS | JOHN L. BOLLES ET UX         | THE TRADERS OIL CORPORATION     | 2/19/1918  | F    | 485  | 35S      | 34W   | 11      | 35S34W11    | 35S-34W SECTION 11: NW/4               | SEWARD | 2        |
| 83604000    | LEASE - OIL AND GAS | HATTIE E. MORELL ET AL       | QUINQUE OIL & GAS PRODUCING CO. | 2/22/1943  | 47   | 396  | 35S      | 34W   | 10      | 35S34W10    | 35S-34W SECTION 10: SW/4               | SEWARD | 2        |
| 30198000    | LEASE - OIL AND GAS | JOHN L. BOLLES ET UX         | THE TRADERS OIL CORPORATION     | 2/19/1918  | F    | 485  | 35S      | 34W   | 10      | 35S34W10    | 35S-34W SECTION 10: NE/4               | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | GORDON M. SLAYMAKER          | ANADARKO PRODUCTION COMPANY     | 3/2/1982   | 335  | 61   | 35S      | 34W   | 1       | 35S34W1     | 35S-34W SECTION 1: SW/4 NE/4           | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | SUSAN D. STECK ET VIR        | ANADARKO PRODUCTION COMPANY     | 3/2/1982   | 335  | 59   | 35S      | 34W   | 1       | 35S34W1     | 35S-34W SECTION 1: SW/4 NE/4           | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | CAROL SLAYMAKER              | ANADARKO PRODUCTION COMPANY     | 3/2/1982   | 335  | 57   | 35S      | 34W   | 1       | 35S34W1     | 35S-34W SECTION 1: SW/4 NE/4           | SEWARD | 2        |
| 83732000    | LEASE - OIL AND GAS | HENRY V. TUCKER JR. ET UX    | ANADARKO PRODUCTION COMPANY     | 2/17/1982  | 333  | 365  | 35S      | 34W   | 1       | 35S34W1     | 35S-34W SECTION 1: SE/4 SE/4, W/2 SE/4 | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | HENRY V. TUCKER JR. ET UX    | ANADARKO PRODUCTION COMPANY     | 2/17/1982  | 332  | 579  | 35S      | 34W   | 1       | 35S34W1     | 35S-34W SECTION 1: S/2 NE/4 SE/4       | SEWARD | 2        |

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| 30235002    | LEASE - OIL AND GAS | HENRY L. NICHOLS ET AL      | ANADARKO PRODUCTION COMPANY | 10/10/1984 | 355  | 525  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: NE/4<br>35S-34W  | SEWARD | 2        |
| 30235001    | LEASE - OIL AND GAS | EMMA FULLER ESTATE          | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 640  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: LOTS 1, 2, N/2 S/2<br>35S-34W  | SEWARD | 2        |
| 30237002    | LEASE - OIL AND GAS | HARRETT E. APSLEY ESTATE    | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 610  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: LOTS 1, 2, N/2 S/2<br>35S-34W  | SEWARD | 2        |
| 30239001    | LEASE - OIL AND GAS | EMMA FULLER ESTATE          | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 628  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: NW/4<br>35S-34W  | SEWARD | 2        |
| 30239002    | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHTA | ANADARKO PRODUCTION COMPANY | 1/27/1984  | 356  | 642  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: NW/4<br>35S-34W  | SEWARD | 2        |
| 30235001    | LEASE - OIL AND GAS | EMMA FULLER ESTATE          | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 634  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: NE/4<br>35S-34W  | SEWARD | 2        |
| 30230000    | LEASE - OIL AND GAS | EMMA FULLER                 | ANADARKO PETROLEUM COMPANY  | 5/5/1982   | 332  | 564  | 34W      | 13    | 13      | 35S34W13    | SECTION 13: A 2.19 ACRE TRACT IN THE NORTHWEST QUARTER THAT WAS EXCLUDED / EXCEPTED FROM AN OIL AND THE LESSEE AND RECORDED IN BOOK 303, PAGE 37-39<br>35S-34W | SEWARD | 2        |

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| 83728000    | LEASE - OIL AND GAS | JAMES PAUL MCHARGUE ET UX     | ANADARKO PRODUCTION COMPANY | 6/26/1978  | 303  | 128  | 35S      | 34W   | 14      | 35S34W14   | SECTION 14: NE/4<br>35S-34W                                      | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | EMMA FULLER ESTATE            | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 622  | 35S      | 34W   | 14      | 35S34W14   | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4<br>35S-34W | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | FEDERAL LAND BANK OF WICHITA  | ANADARKO PRODUCTION COMPANY | 11/27/1984 | 356  | 639  | 35S      | 34W   | 14      | 35S34W14   | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4<br>35S-34W | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | EMMA FULLER ESTATE            | ANADARKO PRODUCTION COMPANY | 8/22/1984  | 355  | 616  | 35S      | 34W   | 14      | 35S34W14   | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4<br>35S-34W | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | V. MARIAN FULLER LIVING TRUST | ANADARKO PRODUCTION COMPANY | 12/12/1997 | 497  | 363  | 35S      | 34W   | 14      | 35S34W14   | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4<br>35S-34W | SEWARD | 2        |

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| N/A         | LEASE - OIL AND GAS | CAROL ANN PLUMMER ET VIR        | ANADARKO PRODUCTION COMPANY     | 12/12/1997 | 497  | 904  | 35S      | 34W   | 14      | 35S34W14  | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | SYLVIA LAVINIA HELFRECHT        | ANADARKO PRODUCTION COMPANY     | 12/12/1997 | 497  | 572  | 35S      | 34W   | 14      | 35S34W14  | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | JOYCE NADINE DISHON ET VIR      | ANADARKO PRODUCTION COMPANY     | 12/12/1997 | 500  | 486  | 35S      | 34W   | 14      | 35S34W14  | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2        |
| N/A         | LEASE - OIL AND GAS | KATHERINE L. KELMAN REVOC TRUST | ANADARKO PRODUCTION COMPANY     | 12/12/1997 | 499  | 38   | 35S      | 34W   | 14      | 35S34W14  | SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4 | SEWARD | 2        |
| 83604000    | LEASE - OIL AND GAS | HATTIE E. MORELL ET AL.         | QUINQUE OIL & GAS PRODUCING CO. | 2/22/1943  | 47   | 396  | 35S      | 34W   | 15      | 35S34W15  | SECTION 15: NW/4                                      | SEWARD | 2        |

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| 83601000    | LEASE - OIL AND GAS | ERNEST P. BOLES ET UX | QUINQUE OIL & GAS PRODUCING CO. | 1/8/1943   | 47   | 387  | 35S      | 34W   | 15      | 35S34W15    | SECTION 15: LOTS 1, 2, N/2 SE/4, N/2 SW/4, NE/4 | SEWARD | 2        |
| 30233001    | LEASE - OIL AND GAS | JOHN S. GROVER ET UX  | ANADARKO PRODUCTION COMPANY     | 9/7/19825  | 337  | 26   | 35S      | 34W   | 17      | 35S34W17    | SECTION 17: NE/4, N/2 SE/4                      | SEWARD | 2        |
| 30233002    | LEASE - OIL AND GAS | TEXACO INC.           | ANADARKO PRODUCTION CORP        | 8/22/1984  | 364  | 622  | 35S      | 34W   | 17      | 35S34W17    | SECTION 17: NE/4                                | SEWARD | 2        |
| 30198000    | LEASE - OIL AND GAS | JOHN L. BOLES ET UX   | THE TRADERS OIL CORPORATION     | 2/19/1918  | F    | 485  | 35S      | 34W   | 2       | 35S34W2     | SECTION 2: W/2                                  | SEWARD | 2        |
| 83648000    | LEASE - OIL AND GAS | JOHN S. GROVER ET UX  | ANADARKO PRODUCTION COMPANY     | 10/30/1959 | 180  | 358  | 35S      | 34W   | 2       | 35S34W2     | SECTION 2: SE/4                                 | SEWARD | 2        |
| 78738000    | LEASE - OIL AND GAS | LOTT KENNEDY TRUSTEE  | ANADARKO PRODUCTION COMPANY     | 10/30/1959 | 180  | 364  | 35S      | 34W   | 2       | 35S34W2     | SECTION 2: NE/4                                 | SEWARD | 2        |



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| 30198000    | LEASE - OIL AND GAS | JOHN L. BOLES ET UX      | THE TRADERS OIL CORPORATION         | 2/19/1918 | F    | 485  | 34W      | 3     | 3       | 35S34W3     | SECTION 3: ATL    | SEWARD | 2        |
| 30197000    | LEASE - OIL AND GAS | JOHN L. BOLES ET UX      | E. W. MOORE                         | 2/23/1928 | 34   | 114  | 34W      | 4     | 4       | 35S34W4     | SECTION 4: NE/4   | SEWARD | 2        |
| 30198000    | LEASE - OIL AND GAS | JOHN L. BOLES ET UX      | THE TRADERS OIL CORPORATION         | 2/19/1918 | F    | 485  | 34W      | 4     | 4       | 35S34W4     | SECTION 4: SE/4   | SEWARD | 2        |
| 83606000    | LEASE - OIL AND GAS | VICTOR H. TEGARDEN ET UX | PANHANDLE EASTERN PIPE LINE COMPANY | 12/1/1950 | 106  | 371  | 34W      | 4     | 4       | 35S34W4     | SECTION 4: NW/4   | SEWARD | 2        |
| 83603000    | LEASE - OIL AND GAS | L. L. BUNTING ET UX      | QUINQUE OIL & GAS PRODUCING CO.     | 1/9/1943  | 47   | 388  | 34W      | 4     | 4       | 35S34W4     | SECTION 4: SW/4   | SEWARD | 2        |
| 83608000    | LEASE - OIL AND GAS | OLA M. VICKERS           | THE VICKERS PETROLEUM CO.           | 11/2/1950 | 106  | 35   | 35S      | 34W   | 9       | 35S34W9     | SECTION 9: W/2    | SEWARD | 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 WABAUSSIE GROUP WHICH OCCURS AT 3,352 FT ON THE AVALON ENERGY COLLISON #3 7 (API 15 189 21385) SECTION 3, T-31-S, R-35 WEST WHICH CORRELATES TO 3,360 OF THE KANSAS GEOLOGICAL SOCIETY TYPE LOG FOR THE STEVENS, GRANT, SEWARD AND HASKELL 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-SN-21ECM, BEAVER COUNTY, OKLAHOMA  |        |          |

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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 2-4N-21ECM, 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-22ECM, 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-20ECM, 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-21ECM, BEAVER COUNTY, OKLAHOMA |

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| 10          |                |                 |                 |      |      |      |          |       |         |             | FOOTNOTE #10-SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH THE WINDSOR C 1 WELL (API #3500724065) LOCATED IN SECTION 9-5N-20E6M, BEAVER COUNTY, OKLAHOMA  |        |          |
| 11          |                |                 |                 |      |      |      |          |       |         |             | LESS AND EXCEPT THE B1 POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OPERATION OF THE B1 POOL ENHANCED RECOVERY UNIT, BEAVER COUNTY, OKLAHOMA, EFFECTIVE AS OF MAY 1, 1997, AS DEFINED IN ORDER NO. 410690 (CAUSE CD NO. 96002866) 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 1/4 SW OF SECTION 31-4N-22E6M. |        |          |
| 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 1/4 SW 1/4 OF SECTION 31-4N-22E6M  |        |          |
| 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 62, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS   |        |          |

**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 |
|-------------|----------------|-----------------|-----------------|------|------|------|----------|-------|---------|-------------|--|--------|----------|
| 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 AFC 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 LENIHAN 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 |      |      |      |          |       |         |             |                   |        |          |

**Exhibit A - Leases  
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|-------------|----------------|--|-----------------|------|------|------|----------|-------|---------|-------------|-------------------|--------|----------|
| 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-14E0M, 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-14E0M, 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-12E0M, 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-12E0M, TEXAS COUNTY, OKLAHOMA |                 |      |      |      |          |       |         |             |                   |        |          |



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|-------------|----------------|-----------------|-----------------|------|------|------|----------|-------|---------|-------------|-------------------|--------|----------|
| 36          |                |                 |                 |      |      |      |          |       |         |             |                   |        |          |
|             |                |                 |                 |      |      |      |          |       |         |             |                   |        |          |
| 37          |                |                 |                 |      |      |      |          |       |         |             |                   |        |          |

SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE CLAWSON A #1 WELL (API #3513921119) AND THE REUST B-1 WELL (API #3513922729) LOCATED IN SECTION 5-3N-14ECM, TEXAS COUNTY, OKLAHOMA

INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE STRURUP ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OPERATION OF THE STRURUP ENHANCED RECOVERY UNIT, COUNTY OF MORTON, STATE OF KANSAS, ENTERED INTO AS OF THE 31ST DATE OF JANUARY, 2003, THE UNITED INTERVAL FOR THE STRURUP ENHANCED RECOVERY UNIT IS THE UPPER MORROW FORMATION AS IDENTIFIED BY THE LOG RUN IN THE ANADARKO PETROLEUM CORPORATION USA AC NO. 1 WELL, LOCATED IN THE NE/4 NW/4, OF SECTION 11, TOWNSHIP 13 SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITED FORMATION BEING FOUND AT A DEPTH OF 5,340 FEET AND THE BASE OF THE UNITED FORMATION BEING FOUND AT A DEPTH OF 5,463 FEET AS SHOWN ON THE HALLIBURTON DUAL INDUCTION LATERAL LOG DATED DECEMBER 1, 1992. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTHS FROM THE SURFACE TO THE TOP OF THE UNITED INTERVAL.

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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 |
|-------------|----------------|-----------------|-----------------|------|------|------|----------|-------|---------|-------------|-------------------|--------|----------|
| 38          |                |                 |                 |      |      |      |          |       |         |             |                   |        |          |
| 39          |                |                 |                 |      |      |      |          |       |         |             |                   |        |          |

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 TO ESTABLISHMENT OF A UNIT AREA UNDER UNITIZATION ORDER, DOCKET NO. 04-CONS-049 CUNI, DATED DECEMBER 16, 2003, RECORDED IN VOLUME 168, PAGE 655, HASKELL COUNTY, KANSAS. THE FORMATION UTILIZED 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.

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 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.

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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 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        | FIELD                   | WELL NAME                      | ACCT_CODE  | WI PRO   | NRI PRO  | WI APO   | NRI APO | ST | COUNTY | SEC | TWP | RNG | QTR-GTR     | Reveiv | OPERATOR                 |
|------------|-------------------------|--------------------------------|------------|----------|----------|----------|---------|----|--------|-----|-----|-----|-------------|--------|--------------------------|
| 1517520868 | ADAMSON                 | ADAMSON 3-11                   | A SHAPCO80 | 0.125000 | 0.098242 | SAME     | SAME    | KS | SEWARD | 11  | 34S | 34W |             |        | MORROW                   |
| 1517521475 | ADAMSON                 | ADAMSON 4-11                   | A SHAPCO80 | 0.125000 | 0.098242 | SAME     | SAME    | KS | SEWARD | 11  | 34S | 34W |             |        | MORROW                   |
| 1517521253 | ADAMSON                 | ADAMSON 5-11                   | A SHAPCO80 | 0.125000 | 0.098242 | SAME     | SAME    | KS | SEWARD | 11  | 34S | 34W |             |        | MORROW                   |
| 1517521270 | ADAMSON                 | ADAMSON A-5                    | A APCLIBER | 0.750000 | 0.645117 | SAME     | SAME    | KS | SEWARD | 11  | 34S | 34W |             |        | MORROW                   |
| 1517521703 | CONDIT                  | BLCKMERR-3                     | A APCLIBER | 1.000000 | 0.820313 | SAME     | SAME    | KS | SEWARD | 11  | 34S | 34W |             |        | MORROW                   |
| 1517520784 | ADAMSON                 | BLCKMERR-4 (CHESTER)           | A APCLIBER | 1.000000 | 0.820313 | SAME     | SAME    | KS | SEWARD | 31  | 34S | 32W |             |        | MORROW                   |
| 1517521724 | CONDIT                  | BLCKMERR-3                     | A APCLIBER | 1.000000 | 0.820313 | SAME     | SAME    | KS | SEWARD | 31  | 34S | 32W |             |        | MORROW                   |
| 1517521703 | CONDIT                  | BLCKMERR-3                     | A APCLIBER | 1.000000 | 0.75453  | SAME     | SAME    | KS | SEWARD | 31  | 34S | 32W |             |        | MORROW                   |
| 1517521707 | CONDIT                  | BLCKMERR-4 (CHESTER)           | A APCLIBER | 1.000000 | 0.820313 | SAME     | SAME    | KS | SEWARD | 31  | 34S | 32W |             |        | MORROW                   |
| 1517521708 | CONDIT                  | BLCKMERR-4 (CHESTER)           | A APCLIBER | 1.000000 | 0.820313 | SAME     | SAME    | KS | SEWARD | 31  | 34S | 32W |             |        | MORROW                   |
| 1517521707 | WIDE AWAKE              | BOLES F-2 (ST LOUIS)           | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 2   | 35S | 34W |             |        | ST LOUIS                 |
| 1517521708 | WIDE AWAKE              | BOLES F-3 (ST LOUIS)           | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 2   | 35S | 34W |             |        | ST LOUIS                 |
| 1517521707 | WIDE AWAKE              | BOLES F-4 (ST LOUIS)           | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 2   | 35S | 34W |             |        | ST LOUIS                 |
| 1517521794 | ARCHER(KANSAS)          | BOLES F-5 (LANGING)            | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 2   | 35S | 34W |             |        | ST LOUIS                 |
| 1517521683 | CONDIT                  | BOX A-1 (MORROW)               | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 2   | 35S | 34W |             |        | LANGING                  |
| 1517521621 | CONDIT                  | BROWN K-1 (L MORROW)           | A APCLIBER | 1.000000 | 0.823785 | SAME     | SAME    | KS | SEWARD | 6   | 35S | 32W |             |        | LOWER MORROW             |
| 1517521622 | EWALYN                  | BUSH B-3 (MARMATON)            | A APCLIBER | 1.000000 | 0.833333 | SAME     | SAME    | KS | SEWARD | 6   | 35S | 32W |             |        | LOWER MORROW             |
| 1517520829 | HUGOTON (KANSAS)        | BUSH B-1H                      | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 25  | 33S | 33W | SE SE NW SE |        | LOWER MORROW             |
| 1517521813 | EWALYN                  | BUSH B-4 (MARMATON)            | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 25  | 33S | 33W |             |        | LOWER MORROW             |
| 1517520029 | CONDIT                  | BUSH B-4 (MARMATON)            | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 25  | 33S | 33W |             |        | LOWER MORROW             |
| 1517521562 | CONDIT                  | CDY A-2 (U CHESTER)            | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 19  | 34S | 32W |             |        | MARMATON                 |
| 1517521770 | SHUCK                   | CAMPION A-1 (L MORROW)         | A APCLIBER | 1.000000 | 0.750000 | SAME     | SAME    | KS | SEWARD | 19  | 34S | 32W |             |        | CHESTER                  |
| 1517521792 | WILDCAT (MID-CONTINENT) | CITY OF LIBERTY C-1 (ST LOUIS) | A APCLIBER | 1.000000 | 0.875    | 0.703125 | SAME    | KS | SEWARD | 25  | 33S | 34W |             |        | LOWER MORROW             |
| 1517521481 | ADAMSON                 | COOK A-35                      | A SHAPCO80 | 0.078125 | 0.075800 | SAME     | SAME    | KS | SEWARD | 36  | 34S | 34W |             |        | ST LOUIS                 |
| 1517521535 | ADAMSON                 | COOK A-35                      | A SHAPCO80 | 0.078125 | 0.075800 | SAME     | SAME    | KS | SEWARD | 35  | 33S | 34W |             |        | MORROW                   |
| 1517521653 | EWALYN                  | CORBELL A-3                    | A APCLIBER | 1.000000 | 0.859375 | SAME     | SAME    | KS | SEWARD | 24  | 34S | 33W |             |        | MARLIN OIL CORPORATION   |
| 1517520426 | SHUCK                   | CROW A-1                       | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 34  | 33S | 34W |             |        | LOWER MORROW             |
| 1517520593 | SHUCK                   | CROW B-1                       | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 26  | 33S | 34W |             |        | UPPER CHESTER 2          |
| 1517510137 | ARKANO                  | DAMES 1-30                     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 26  | 33S | 34W |             |        | LOWER CHESTER            |
| 1517500034 | ARKANO                  | DAMES 1-36                     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 36  | 33S | 32W |             |        | LOWER MORROW             |
| 1517510005 | ARKANO                  | DAMES C-1                      | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 6   | 34S | 31W |             |        | LOWER MORROW             |
| 1517521558 | ARKANO                  | DAMES E-1 (MORROW/CHESTER)     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 31  | 31  | 31W |             |        | LOWER MORROW             |
| 1517521561 | ARKANO                  | DAMES F-1 (MORROW/CHESTER)     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 36  | 33S | 32W |             |        | LOWER MORROW & U CHESTER |
| 1517521737 | ARCHER(KANSAS)          | DAMES G-2 (L MORROW)           | A APCLIBER | 1.000000 | 0.968156 | SAME     | SAME    | KS | SEWARD | 8   | 34S | 31W |             |        | L MORROW & U CHESTER     |
| 1517521715 | ARCHER(KANSAS)          | DOWN S-1 (ST LOUIS)            | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 6   | 34S | 31W |             |        | LOWER MORROW             |
| 1517500187 | SHUCK                   | ETZOLD 1-22                    | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 22  | 33S | 34W | NE NE NE SW |        | ST LOUIS                 |
| 1517521045 | SHUCK                   | FINCHAM A-2                    | A APCLIBER | 0.000000 | 0.075000 | SAME     | SAME    | KS | SEWARD | 22  | 33S | 34W |             |        | CHESTER                  |
| 1517520361 | SHUCK                   | FINCHAM A-3                    | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 29  | 33S | 34W |             |        | MORROW LOWER 2           |
| 1517510144 | SHUCK                   | FINCHAM B-1                    | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 29  | 33S | 34W | NW NE       |        | LOWER MORROW             |
| 1517521657 | SHUCK                   | FINCHAM G-2 (L MORROW)         | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 28  | 33S | 34W |             |        | LOWER MORROW             |
| 1517521624 | CONDIT                  | FINCHAM D B-1 (U LANING)       | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 33  | 33S | 34W |             |        | LOWER MORROW             |
| 1517520070 | SHUCK                   | FULLER A-1                     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 30  | 33S | 34W |             |        | UPPER LANING             |
| 1517520870 | LIBERAL SE              | FULLER C-1                     | A APCLIBER | 1.000000 | 0.812500 | SAME     | SAME    | KS | SEWARD | 13  | 35S | 34W |             |        | MORROW LOWER 2           |
| 1517520642 | HUGOTON (KANSAS)        | GAMMELL A-1                    | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 29  | 34S | 34W |             |        | LOWER MORROW             |
| 1517521618 | EWALYN                  | GAREY A-3 (LOWER MORROW)       | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 27  | 34S | 34W |             |        | GHESTER                  |
| 1517521604 | LIBERAL SE              | GAREY A-4 (L MORROW)           | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 27  | 33S | 33W |             |        | LOWER MORROW             |
| 1517521716 | ARCHER(KANSAS)          | GROVER B-2 (ST LOUIS)          | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 1   | 35S | 34W |             |        | LOWER MORROW             |
| 1517520877 | WIDE AWAKE              | GROVER D-1 (UPPER CHESTER)     | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 17  | 35S | 34W |             |        | ST LOUIS                 |
| 1517521648 | EWALYN                  | HANDEN A-3 (CHESTER)           | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 34  | 33S | 34W |             |        | MERIT ENERGY COMPANY LLC |
| 1517521714 | WIDE AWAKE              | HATGER B-2 (ST LOUIS)          | A APCLIBER | 1.000000 | 0.875000 | SAME     | SAME    | KS | SEWARD | 35  | 34S | 34W |             |        | MERIT ENERGY COMPANY LLC |



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

| API        | FIELD          | WELL NAME                   | ACCT_CODE  | WI BPO   | NRI BPO  | WI APO | NRI APO | ST | COUNTY | SEC | TWP | RNG | QTR-QTR | Reservoir      | OPERATOR                         |
|------------|----------------|-----------------------------|------------|----------|----------|--------|---------|----|--------|-----|-----|-----|---------|----------------|----------------------------------|
| 1517220009 | EVALN          | RICE A-1 (MORROW)           | A APCLIBER | 1.000000 | 0.875000 | SAME   | SAME    | KS | SEWARD | 27  | 33S | 33W |         | LOWER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517500118 | EVALYN         | SALLEY A-1                  | A APCLIBER | 1.000000 | 0.468750 | SAME   | SAME    | KS | SEWARD | 29  | 34S | 32W |         | MORROW         | GROSS BAK PETROLEUM INCORPORATED |
| 1517521413 | ANGMAN         | SANTAFE E-1                 | A APCLIBER | 1.000000 | 0.750000 | SAME   | SAME    | KS | SEWARD | 35  | 33S | 33W | NEW     | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521441 | ANGMAN         | SANTAFE E-2                 | A APCLIBER | 1.000000 | 0.750000 | SAME   | SAME    | KS | SEWARD | 6   | 32S | 33W |         | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521456 | ANGMAN         | SANTAFE E-3                 | A APCLIBER | 1.000000 | 0.750000 | SAME   | SAME    | KS | SEWARD | 6   | 32S | 33W |         | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521465 | ANGMAN         | SANTAFE E-4 (ST GENEVEVE)   | A APCLIBER | 1.000000 | 0.750000 | SAME   | SAME    | KS | SEWARD | 6   | 32S | 33W |         | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521478 | CONDIT         | SANTAFE E-5 (SWD)           | A APCLIBER | 1.000000 | 0.750000 | SAME   | SAME    | KS | SEWARD | 6   | 32S | 33W |         | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517520528 | SHUCK          | SPEARMAN A-1                | A APCLIBER | 1.000000 | 0.850000 | SAME   | SAME    | KS | SEWARD | 9   | 33S | 33W |         | PERMAN         | MERIT ENERGY COMPANY LLC         |
| 1517520528 | INTERSTATE     | SWAN A-1                    | A APCLIBER | 1.000000 | 0.850000 | SAME   | SAME    | KS | SEWARD | 2   | 33S | 34W |         | ST. LOUIS      | MERIT ENERGY COMPANY LLC         |
| 1517521583 | LIBERAL SE     | TOBIAS A-1 (L MORROW)       | A APCLIBER | 1.000000 | 0.888021 | SAME   | SAME    | KS | SEWARD | 21  | 33S | 33W |         | UPPER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517520729 | LIBERAL WEST   | TUCKER K-1                  | A APCLIBER | 1.000000 | 0.875000 | SAME   | SAME    | KS | SEWARD | 10  | 35S | 33W |         | UPPER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517520729 | LIBERAL WEST   | TUCKER K-2 (L MORROW)       | A APCLIBER | 1.000000 | 0.812500 | SAME   | SAME    | KS | SEWARD | 1   | 35S | 34W | WNWSE   | MORROW LOWER   | MERIT ENERGY COMPANY LLC         |
| 1517521772 | LIBERAL SE     | TUCKER M-1 (B CHESTER)      | A APCLIBER | 0.642546 | 0.549611 | SAME   | SAME    | KS | SEWARD | 6   | 35S | 34W |         | LOWER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517520400 | ADAMSON        | UNDERWOOD A-1               | A APCLIBER | 0.500000 | 0.437500 | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W |         | BASAL CHESTER  | MERIT ENERGY COMPANY LLC         |
| 1517520421 | ADAMSON        | UNDERWOOD A-2               | A APCLIBER | 0.500000 | 0.437500 | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W | SWSW    | LOWER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517521346 | ADAMSON        | UNDERWOOD A-3               | A APCLIBER | 0.500000 | 0.437500 | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W | NE SW   | UPPER MORROW   | MERIT ENERGY COMPANY LLC         |
| 1517521346 | ADAMSON        | UNDERWOOD A-4               | A APCLIBER | 0.500000 | 0.437500 | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W | SE SE   | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521630 | ADAMSON        | UNDERWOOD A-5               | A APCLIBER | 0.500000 | 0.37686  | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W | ESW NE  | CHESTER        | MERIT ENERGY COMPANY LLC         |
| 1517521520 | ARCHER(KANWAS) | WETTSTEIN A-3 (ST GENEVEVE) | A APCLIBER | 1.000000 | 0.875000 | SAME   | SAME    | KS | SEWARD | 23  | 34S | 34W | CNW     | MORROW-CHESTER | MERIT ENERGY COMPANY LLC         |
| 1517521565 | ADAMSON        | WETTSTEIN A-4               | A APCLIBER | 1.000000 | 0.875000 | SAME   | SAME    | KS | SEWARD | 10  | 34S | 34W |         | ST. GENEVEVE   | MERIT ENERGY COMPANY LLC         |
| 1517521690 | EVALYN         | WATT A-1 (U CHESTER)        | A APCLIBER | 1.000000 | 0.875000 | SAME   | SAME    | KS | SEWARD | 10  | 34S | 34W |         | ST. GENEVEVE   | MERIT ENERGY COMPANY LLC         |
| 1517522171 |                | BAUGHMAN F-1-18             | A SHAFCOBO | 0.000000 | 0.082250 | SAME   | SAME    | KS | SEWARD | 18  | 31S | 34W |         | MAMMATION      | MCCOY PETROLEUM CORPORATION      |