

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form T-1  
April 2019  
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: \_\_\_\_\_

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

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

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

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

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

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

New Operator's Email: \_\_\_\_\_

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

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

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

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 \_\_\_\_\_





KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form KSONA-1

July 2021

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

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

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

Date: \_\_\_\_\_ Signature of Operator or Agent: \_\_\_\_\_ Title: \_\_\_\_\_

STATE OF KANSAS           §  
  §  
COUNTY OF STEVENS     §

**ASSIGNMENT, CONVEYANCE AND BILL OF SALE**

**THIS ASSIGNMENT, CONVEYANCE AND BILL OF SALE** (this “*Assignment*”), is made and entered this 25<sup>th</sup> day of September, 2024, but is effective as of July 1, 2024, at 7:00 a.m. Central Standard Time (the “*Effective Time*”), from PanHugoton Partners LLC, a Delaware limited liability company (“*Assignor*” or “*Seller*”), whose address is 817 S. Polk St. Suite 201, Amarillo, TX 79101 to BCE-Mach LLC, a Delaware limited liability company (“*Assignee*” or “*Buyer*”), whose address is 14201 Wireless Way, Suite 300, Oklahoma City, OK 73134.

This Assignment is made pursuant to the terms of that certain Purchase and Sale Agreement dated August 9, 2024, by and among Assignor and Mach Natural Resources LP (the “*Purchase Agreement*”). Capitalized terms used and not otherwise defined in this Assignment are used with the meanings given thereto in the Purchase Agreement.

**WITNESSETH:**

1. **Assignment.** That Assignor, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, does sell, transfer, assign, and convey to Assignee, all of Assignor’s right, title, interest and estate, real or personal, recorded or unrecorded, movable or immovable, tangible or intangible, in, to and under the following (but excluding the Excluded Assets, as such term is defined below) (collectively, the “*Assets*”):

(a) All of the oil and gas leases, subleases and other leaseholds; fee mineral interests; royalty interests; overriding royalty interests; net profits interests; carried interests; farmout rights; options; and other properties and interests described on **Exhibit A** attached hereto (collectively, the “*Leases*”), including any and all oil and gas leases, subleases and other leaseholds; fee mineral interests; royalty interests; overriding royalty interests; net profits interests; carried interests; farmout rights; options; and other properties and interests associated with or attributable to the Wells, together with each and every kind and character of right, title, claim and interest that Seller has in and to the lands covered by the Leases (the “*Lands*”);

(b) Any and all oil, gas, water, disposal, injection and other wells located on any of the Lands, including those described on **Exhibit A-1** attached hereto, whether producing, shut-in or temporarily abandoned, but excluding any permanently abandoned wells (collectively, the “*Wells*”);

(c) All rights and interests in, under or derived from all unitization, communitization and pooling agreements, declarations and orders with respect to the Leases or the Wells, including those pools or units expressly set forth on **Exhibit A-1** (such rights and interests, collectively, the “*Units*”; and the Units, together with the Leases, Lands and Wells, are referred to in this Assignment as the “*Properties*”), and including all interest derived from the Leases in production of Hydrocarbons from any such Unit, whether such Unit production of Hydrocarbons



comes from Wells located on or off of a Lease, and all tenements, hereditaments and appurtenances belonging to the Leases or Units;

(d) All contracts, agreements and instruments by which the Properties are bound, or that relate to or are otherwise applicable to the Properties, but only to the extent such contracts are applicable to the Properties (rather than Seller's other properties), including operating agreements, unitization, pooling and communitization agreements, declarations and orders, joint venture agreements, farmin and farmout agreements, exploration agreements, participation agreements, exchange agreements, transportation or gathering agreements, agreements for the sale and purchase of oil, gas, casinghead gas or processing agreements to the extent applicable to the Properties or the Hydrocarbons produced from the Properties, including those identified on **Schedule 1.2(d)**, but excluding (i) any contracts, agreements and instruments to the extent transfer is restricted by Third-Party agreement or applicable Law and the necessary consents to transfer are not obtained pursuant to **Section 7.6** of the Purchase Agreement, (ii) any master services agreements, drilling contracts and/or other similar contracts, (iii) the Management Agreement (as defined below), and (iv) the instruments constituting the Leases or Easements (subject to such exclusions, the "**Contracts**");

(e) All easements, permits, licenses, servitudes, rights-of-way, surface leases and other surface rights appurtenant to, and used or held for use in connection with the Properties (the "**Easements**");

(f) (i) All equipment, machinery, fixtures and other tangible personal property (other than vehicles or vessels) and improvements located on the Properties and used or held for use in connection with the operation of the Properties, including (A) any SCADA and measurement technology located on the Leases, and (B) any radio towers located on the Leases, (ii) any other SCADA and measurement technology and radio towers exclusively used in connection with the operation of the Properties or any other Assets, and (iii) any software related thereto (other than Enterprise Application Software) (the Assets described in this **clause (f)**, collectively, the "**Equipment**");

(g) All flow lines, meters, pipelines, gathering systems and appurtenances located on the Properties or used or held for use in the operation of or in connection with the Properties (the "**Flow Lines**" and, together with the Equipment and Wells, the "**Personal Property**");

(h) All Hydrocarbons produced from or attributable to the Properties from and after the Effective Time;

(i) All Imbalances;

(j) Originals of all lease files; land files; well files; gas and oil sales contract files; gas processing files; division order files; abstracts; title files; title opinions; land surveys; logs; maps; ending and/or production files; engineering data and reports; interpretive data, technical evaluations and technical outputs; and other books, records, data (including electronic data), files, and accounting records (and all copies thereof), in each case to the extent related to the Assets, or used or held for use in connection with the maintenance or operation thereof, but



excluding (i) any books, records, data, files, logs, maps, evaluations, outputs and accounting records to the extent transfer thereof would result in a violation of applicable Law or is restricted by any Transfer Requirement that is not satisfied pursuant to Section 7.6 of the Purchase Agreement, (ii) attorney-client privileged communications and work product of Seller's or any of its Affiliates' legal counsel (other than title opinions), (iii) reserve studies and evaluations, (iv) records relating to the negotiation and consummation of transactions contemplated by this Assignment or the Purchase Agreement and (v) emails (such books, records, data, files and accounting records collectively, but subject to such exclusions, the "**Records**"); provided, however, that Seller may retain the copies of such Records as Seller has reasonably determined may be required for use in connection with (x) the operations of the Excluded Assets or (y) any of Seller's existing litigation, tax, accounting or auditing matters;

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



(i) subject to **Section 1(l)**, **Section 1(m)** and **Section 1(n)** above, all claims and causes of action (including any claims for insurance proceeds) accruing in favor of Seller and arising from acts, omissions or events or damage to or destruction of property with respect to all periods prior to the Effective Time to the extent not attributable to any Assumed Obligations;

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

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

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

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

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

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

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

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

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

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

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

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

(a) Effective Time. This Assignment is effective as of the Effective Time.

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

4. Disclaimers.

(a) EXCEPT AS AND TO THE EXTENT EXPRESSLY SET FORTH IN THE PURCHASE AGREEMENT OR IN THIS ASSIGNMENT, OR CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AGREEMENT, (I) ASSIGNOR MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS, STATUTORY OR IMPLIED, AND (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 AGREEMENT, CONFIRMED IN THE CERTIFICATE OF ASSIGNOR DELIVERED TO ASSIGNEE PURSUANT TO SECTION 9.2(C) OF THE PURCHASE AGREEMENT, OR IN THIS ASSIGNMENT, AND WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, ASSIGNOR EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, AS TO (I) TITLE TO ANY OF THE ASSETS, (II) THE CONTENTS, CHARACTER OR NATURE OF ANY DESCRIPTIVE MEMORANDUM, OR ANY REPORT OF ANY PETROLEUM ENGINEERING CONSULTANT, OR ANY GEOLOGICAL OR SEISMIC DATA OR INTERPRETATION, RELATING TO THE ASSETS, (III) THE QUANTITY, QUALITY OR RECOVERABILITY OF PETROLEUM SUBSTANCES IN OR FROM THE ASSETS, (IV) ANY ESTIMATES OF THE VALUE OF THE ASSETS, FUTURE REVENUES GENERATED BY THE ASSETS OR FUTURE COSTS ASSOCIATED WITH THE ASSETS, (V) THE PRODUCTION OF HYDROCARBONS FROM THE ASSETS, (VI) THE MAINTENANCE, REPAIR, CONDITION, QUALITY, SUITABILITY, DESIGN OR MARKETABILITY OF THE ASSETS, (VII) THE CONTENT, CHARACTER OR NATURE OF ANY DESCRIPTIVE MEMORANDUM, REPORTS, BROCHURES, CHARTS OR STATEMENTS PREPARED BY ASSIGNOR OR THIRD PARTIES WITH RESPECT TO THE ASSETS, (VIII) ANY



OTHER MATERIALS OR INFORMATION THAT MAY HAVE BEEN MADE AVAILABLE OR COMMUNICATED TO ASSIGNEE OR ITS AFFILIATES, OR ITS OR THEIR EMPLOYEES, AGENTS, CONSULTANTS, REPRESENTATIVES OR ADVISORS IN CONNECTION WITH THE TRANSACTIONS CONTEMPLATED BY THIS ASSIGNMENT OR ANY DISCUSSION OR PRESENTATION RELATING THERETO, AND FURTHER DISCLAIMS ANY REPRESENTATION OR WARRANTY, EXPRESS, STATUTORY OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR CONFORMITY TO MODELS OR SAMPLES OF MATERIALS OF ANY EQUIPMENT, IT BEING EXPRESSLY UNDERSTOOD AND AGREED BY THE PARTIES THAT ASSIGNEE IS DEEMED TO BE OBTAINING THE ASSETS IN THEIR PRESENT STATUS, CONDITION AND STATE OF REPAIR, "AS IS" AND "WHERE IS" WITH ALL FAULTS AND THAT ASSIGNEE HAS MADE OR CAUSED TO BE MADE SUCH INSPECTIONS AS ASSIGNEE DEEMS APPROPRIATE, OR (IX) ANY IMPLIED OR EXPRESS WARRANTY OF FREEDOM FROM PATENT OR TRADEMARK INFRINGEMENT. EXCEPT AS EXPRESSLY REPRESENTED OTHERWISE IN SECTION 5.18 OF THE PURCHASE AGREEMENT, ASSIGNOR HAS NOT MADE ANY REPRESENTATION OR WARRANTY REGARDING ANY MATTER OR CIRCUMSTANCE RELATING TO ENVIRONMENTAL LAWS, ENVIRONMENTAL LIABILITIES, THE RELEASE OF MATERIALS INTO THE ENVIRONMENT OR THE PROTECTION OF HUMAN HEALTH, SAFETY, NATURAL RESOURCES OR THE ENVIRONMENT, OR ANY OTHER ENVIRONMENTAL CONDITION OF THE ASSETS, AND NOTHING IN THIS ASSIGNMENT OR OTHERWISE WILL BE CONSTRUED AS SUCH A REPRESENTATION OR WARRANTY, AND ASSIGNOR IS DEEMED TO BE TAKING THE ASSETS "AS IS" AND "WHERE IS" FOR PURPOSES OF THEIR ENVIRONMENTAL CONDITION.

(b) Assignor and Assignee agree that, to the extent required by applicable Law to be effective, the disclaimers of certain representations and warranties contained in this Section 4 are "conspicuous" disclaimers for the purpose of any applicable Law.

5. **Special Warranty of Title.** Assignor hereby binds itself, its successors and assigns, to warrant and defend Defensible Title to the Assets unto Assignee, its successors and assigns, against any person or entity whomsoever claiming or to claim the same or any part thereof by, through and/or under Assignor or any of its Affiliates, but not otherwise.

6. **Assumed and Excluded Obligations.** Subject to the indemnification by Seller under Section 11.3 of the Purchase Agreement and the indemnification by Buyer under Section 11.4 of the Purchase Agreement, Assignee shall assume, fulfill, perform, pay, and discharge any and all of the Assumed Obligations in accordance with and subject to the terms of the Purchase Agreement, and Assignor shall retain, fulfill, perform, pay, and discharge any and all of the Excluded Obligations in accordance with and subject to the terms of the Purchase Agreement.

7. **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.



8. **Further Assignments/Further Assurances.** Assignee acknowledges that this Assignment is a global assignment intended for filing with the applicable counties in which the Assets are located, and that Assignee and Assignor have separately entered into multiple assignments for the purpose of recording the assignment of the Assets with the appropriate Governmental Body, if necessary. After Closing, Seller and Buyer will each take such further actions and execute, acknowledge and deliver all such further instruments of conveyance and other documents as are reasonably requested by the other Party for carrying out the purposes of this Assignment and/or the Purchase Agreement, including (i) to convey and deliver to Buyer the Assets in accordance with the terms of this Assignment and/or the Purchase Agreement, and (ii) to accomplish the orderly transfer to Buyer of the Assets in accordance with the terms of this Assignment and/or the Purchase Agreement in the manner contemplated by this Assignment and/or the Purchase Agreement.

9. **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.

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

11. **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 Effective Time.

**ASSIGNOR:**

**PANHUGOTON PARTNERS LLC**

By:   
Name: Jason S. Herrick  
Title: President

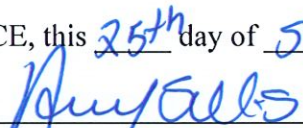
**ACKNOWLEDGEMENT**

STATE OF TEXAS           §  
  §  
COUNTY OF POTTER      §

BEFORE ME, the undersigned Notary Public, on this day personally appeared Jason S. Herrick, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he, being fully authorized to do so, executed and delivered the same as President of PanHugoton Partners, LLC, a Delaware limited liability company, on the day and year therein mentioned and as the act and deed of said corporation, for the purpose and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, this 25<sup>th</sup> day of sept., 2024.

3/24/2027  
My Commission Expires

  
Notary Public, State of Texas



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

**ASSIGNEE:**

**BCE-MACH LLC**

By: 

Name: Michael E. Reel

Title: General Counsel and Secretary

**ACKNOWLEDGEMENT**

STATE OF OKLAHOMA           §  
  §  
COUNTY OF OKLAHOMA       §

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

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

2/12/28  
My Commission Expires

Annie Southard  
Notary Public, State of Oklahoma

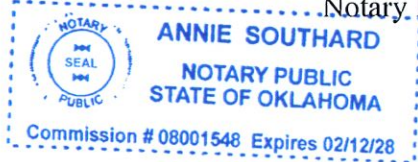




Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitate	Legal Description	County	Footnote
33086000	LEASE - OIL AND GAS	PAUL JOHNSON AND VONONNA C JOHNSON HUSBAND AND WIFE	GULF OIL CORPORATION	1/30/1946	256	35	1N	18ECM	14	1N18ECM14	1N-18ECM Sec. 14: N/2 SE/4, S/2 NE/4; S/2 SE/4	TEXAS	28
31733000	LEASE - OIL AND GAS	PAULA WILLIAMS AND R ALBERTINE WILLIAMS HIS WIFE	PANHANDLE EASTERN PIPELINE CO. A CORP	12/17/1945	21	38W	1N	20ECM	26	1N20ECM26	1N-20ECM Sec. 26: E/2 NE/4; E/2 SE/4	BEAVER	3
31749000	LEASE - OIL AND GAS	JESSIE G DIFFENBACHER FORMERLY JESSIE G RISING A WIDOW	ANADARKO PRODUCTION COMPANY	10/20/1961	232	373	1N	21ECM	8	1N21ECM8	1N-21ECM Sec. 8: E/2 NE/4; W/2 NE/4	BEAVER	3
31748000	LEASE - OIL AND GAS	LOLA GRAY AKA LOLA O GRAY A WIDOW, CORA A HARRIS A WIDOW AND ROBERT L GRAY A SINGLE PERSON	ANADARKO PRODUCTION COMPANY	10/12/1961	231	547	1N	21ECM	8	1N21ECM8	1N-21ECM Sec. 8: E/2 NW/4; W/2 NW/4	BEAVER	3
31721000	LEASE - OIL AND GAS	JOHN A BUECHNER AND CATHARINA M BUECHNER HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY A CORP	12/9/1945	21	267	1N	23ECM	6	1N23ECM6	3N-23ECM Sec. 6: SE/4	BEAVER	3
29893003	LEASE - OIL AND GAS	CLARA L CORMACK AND FD CORMACK WIFE & HUSBAND	CHAMPLIN REFINING COMPANY	7/31/1949	19	323	22S	34W	34	22S34W34	22S-34W Sec. 34: W/2	FINNEY	
29893002	LEASE - OIL AND GAS	CLINT SCHLOTTELT AND VERTA SCHLOTTELT HIS WIFE; AND GLEN H SCHLOTTELT AND NELLE SCHLOTTELT HIS WIFE	THE SHALLOW WATER REFINING COMPANY	2/10/1948	17	33	22S	34W	34	22S34W34	22S-34W Sec. 34: SE/4	FINNEY	
29893001	LEASE - OIL AND GAS	JOHN HENSELMAN AND ANNA C HENSEL MAN HIS WIFE	BEN F. BRACK	3/19/1946	15	334	22S	34W	34	22S34W34	22S-34W Sec. 34: NE/4	FINNEY	39
29921000	LEASE - OIL AND GAS	A E SAMUELSON AKA AUGUST E SAMUELSON AND DELLA SAMUELSON HIS WIFE ET AL	JOE B NATHAN	12/1/1943	13	187	23S	33W	16	23S33W16	23S-33W Sec. 16: NE/4	FINNEY	39
29924000	LEASE - OIL AND GAS	A J JOHNSON AND HIS WIFE MARY S JOHNSON	CHAMPLIN REFINING COMPANY	8/30/1950	21	383	23S	33W	16	23S33W16	23S-33W Sec. 16: SE/4	FINNEY	
29923000	LEASE - OIL AND GAS	ARTHUR R STANDER A SINGLE MAN	JOHN R LEBOSQUET	8/30/1947	16	407	23S	33W	16	23S33W16	23S-33W Sec. 16: NW/4	FINNEY	
29922000	LEASE - OIL AND GAS	J R BOSWORTH A SINGLE MAN	CHAMPLIN REFINING COMPANY	11/29/1950	21	490	23S	33W	16	23S33W16	23S-33W Sec. 16: SW/4	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	10	23S34W10	23S-34W Sec. 10: SW/4	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	15	23S34W15	23S-34W Sec. 15: E/2 NW/4; NE/4; S/2	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	16	23S34W16	23S-34W Sec. 16: ALL	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	18	23S34W18	23S-34W Sec. 18: N/2; N/2 SW/4; S/2 SW/4; SE/4	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	19	23S34W19	23S-34W Sec. 19: Lots 1, 2, 3 & 4; E/2 W/2; SE/4	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	20	23S34W20	23S-34W Sec. 20: E/2 NE/4; SE/4; W/2	FINNEY	39
29847000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J E O'DONNELL	9/12/1941	11	382	23S	34W	21	23S34W21	23S-34W Sec. 21: N/2	FINNEY	39
29963002	LEASE - OIL AND GAS	RICHARD A HERMAN AND VERNIA IRENE HERMAN HUSBAND AND WIFE	NORTHERN PUMP COMPANY	8/1/1986	67	556	23S	34W	13	23S34W13	23S-34W Sec. 13: SW/4	FINNEY	
29963001	LEASE - OIL AND GAS	G H BIDWELL AND MARY E BIDWELL HIS WIFE	J E O'DONNELL	9/19/1942	12	2	23S	34W	13	23S34W13	23S-34W Sec. 13: SW/4	FINNEY	
29965000	LEASE - OIL AND GAS	GOFFE & CARKNER INCORPORATED	J E O'DONNELL	9/15/1942	12	20	23S	34W	13	23S34W13	23S-34W Sec. 13: NW/4	FINNEY	
29966000	LEASE - OIL AND GAS	GARDEN CITY DITCH COMPANY	JOE E DENHAM	4/12/1943	12	144	23S	34W	13	23S34W13	23S-34W Sec. 13: N/2 SE/4; NE/4; S/2 SE/4	FINNEY	
29850000	LEASE - OIL AND GAS	LAURA A WODETZKY A SINGLE WOMAN	J E O'DONNELL	10/23/1941	11	447	23S	34W	15	23S34W15	23S-34W Sec. 15: W/2 NW/4	FINNEY	
29859000	LEASE - OIL AND GAS	W E LEAVITT AND CORNELIA C LEAVITT HIS WIFE AND J R BOSWORTH AND HETTIE H BOSWORTH HIS WIFE	J E O'DONNELL	10/2/1941	11	387	23S	34W	17	23S34W17	23S-34W Sec. 17: ALL	FINNEY	

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29848000	LEASE - OIL AND GAS	BERTHA M. FOSTER A WIDOW; WILLIAM D FOSTER & MARJORIE FOSTER HIS WIFE ET AL	J E O'DONNELL	9/6/1941	11	430	23S	34W	19	23S34W19	23S-34W Sec. 19; NE/4	FINNEY	
29851000	LEASE - OIL AND GAS	THE PINEY WOODS COUNTRY LIFE SCHOOL	CHAMPLIN REFINING COMPANY	10/10/1947	17	524	23S	34W	20	23S34W20	23S-34W Sec. 20; W/2 NE/4	FINNEY	
29846000	LEASE - OIL AND GAS	HERBERT MEYER AND WILMA L MEYER HIS WIFE	J E O'DONNELL	9/17/1941	11	362	23S	34W	30	23S34W30	23S-34W Sec. 30; SE/4	FINNEY	
29880005	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	CHAMPLIN REFINING COMPANY	11/20/1943	13	30	23S	34W	36	23S34W36	23S-34W Sec. 36; W/2 NE/4	FINNEY	
29880001	LEASE - OIL AND GAS	JOHN BURGARDT AND BARBARA BURGARDT HIS WIFE	J E O'DONNELL	9/7/1942	11	640	23S	34W	36	23S34W36	23S-34W Sec. 36; NW/4	FINNEY	
29880003	LEASE - OIL AND GAS	L E JOSS AND TIZETTA H JOSS HUSBAND AND WIFE	J E O'DONNELL	9/12/1942	12	21	23S	34W	36	23S34W36	23S-34W Sec. 36; SE/4; SE/4 SW/4	FINNEY	
29880006	LEASE - OIL AND GAS	LAURENCE C HALBLEIB AND MAXINE HALBLEIB HIS WIFE	JOE E. DENHAM	4/24/1944	13	324	23S	34W	36	23S34W36	23S-34W Sec. 36; SW/4 SW/4	FINNEY	
29880004	LEASE - OIL AND GAS	MUTUAL BUILDING & LOAN ASSOCIATION	CHAMPLIN REFINING COMPANY	9/24/1942	12	22	23S	34W	36	23S34W36	23S-34W Sec. 36; N/2 SW/4	FINNEY	
29880002	LEASE - OIL AND GAS	NELLIE UPSHAW AND J UPSHAW HER HUSBAND	J E O'DONNELL	9/9/1942	11	642	23S	34W	36	23S34W36	23S-34W Sec. 36; E/2 NE/4	FINNEY	
29925001	LEASE - OIL AND GAS	ELSIE BARTLOW AND CHARLES BARTLOW HER HUSBAND	J E O'DONNELL	11/19/1943	13	29	23S	34W	9	23S34W9	23S-34W Sec. 9; NW/4	FINNEY	
29925002	LEASE - OIL AND GAS	J R BOSWORTH AND HETTIE H BOSWORTH HIS WIFE	J E O'DONNELL	8/25/1942	11	632	23S	34W	9	23S34W9	23S-34W Sec. 9; NE/4	FINNEY	
29925003	LEASE - OIL AND GAS	O L SILER AND MARY SILER HIS WIFE	CITIES SERVICE OIL COMPANY	4/6/1943	12	297	23S	34W	9	23S34W9	23S-34W Sec. 9; SW/4	FINNEY	39
29852000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J. E. O'DONNELL	9/12/1941	8	581	23S	35W	13	23S35W13	23S-35W SECTION 13; ALL	KEARNY	
29852000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	J. E. O'DONNELL	9/12/1941	8	581	23S	35W	24	23S35W24	23S-35W SECTION 24; SE/4	KEARNY	40
30120000	LEASE - OIL AND GAS	J. F. PIEPER	CITIES SERVICE OIL COMPANY	4/15/1943	10	85	23S	35W	20	23S35W20	23S-35W SECTION 20; N/2; SW/4	KEARNY	
30119000	LEASE - OIL AND GAS	R. H. MILLER ET UX	CITIES SERVICE OIL COMPANY	4/5/1943	10	7	23S	35W	9	23S35W9	23S-35W SECTION 9; N/2 N/2 LESS AND EXCEPT ALL DEPTHS FROM THE TOP OF THE HEBNER FORMATION TO THE CENTER OF THE EARTH.	KEARNY	40
29929004	LEASE - OIL AND GAS	D E EVERS AND EDA EVERS HIS WIFE	JOE E. DENHAM	7/17/1943	12	572	24S	33W	14	24S33W14	24S-33W Sec. 14; All that part of the N/2 of Section 14 which lies South of the Right of Way of the Atchison, Topeka and Santa Fe Railroad	FINNEY	
29929004	LEASE - OIL AND GAS	D E EVERS AND EDA EVERS HIS WIFE	JOE E. DENHAM	7/17/1943	12	572	24S	33W	15	24S33W15	24S-33W Sec. 15; A 5 acre tract in the Southeast corner of the NE/4	FINNEY	
29929006	LEASE - OIL AND GAS	O F NEAL AND MARIE O NEAL HIS WIFE	JOE E. DENHAM	8/4/1943	12	571	24S	33W	14	24S33W14	24S-33W Sec. 14; Lots 1 and 2 and the N/2 SW/4	FINNEY	39
29929006	LEASE - OIL AND GAS	O F NEAL AND MARIE O NEAL HIS WIFE	JOE E. DENHAM	8/4/1943	12	571	24S	33W	15	24S33W15	24S-33W Sec. 15; Lot 4 and the NE/4; SE/4	FINNEY	
29929005	LEASE - OIL AND GAS	PETE MAI AND ESTHER MAI HIS WIFE	JOE E. DENHAM	7/17/1943	12	443	24S	33W	14	24S33W14	24S-33W Sec. 14; Lots 1 and 2 and the N/2 SW/4	FINNEY	39
29929005	LEASE - OIL AND GAS	PETE MAI AND ESTHER MAI HIS WIFE	JOE E. DENHAM	7/17/1943	12	443	24S	33W	15	24S33W15	24S-33W Sec. 15; Lot 4 and the NE/4; SE/4	FINNEY	
29929003	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION OF KANSAS	FRED C. KOCH	8/26/1944	14	158	24S	33W	14	24S33W14	24S-33W Sec. 14; S/2; N/2; or more particularly described in said lease	FINNEY	



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29939005	LEASE - OIL AND GAS	AMY LOUISE WELDON AKA EDITH LOUISE WELDON	C M FLEETWOOD	9/7/1988	78	6	24S	33W	15	24S33W15	Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29929009	LEASE - OIL AND GAS	BOARD OF COUNTY COMMISSIONERS OF FINNEY COUNTY, KANSAS	CHAMPLIN REFINING COMPANY	12/16/1952	26	354	24S	33W	15	24S33W15	24S-33W Sec. 15: A strip of land in the NE¼ of Section 15 lying between the North line of the Atchison, Topeka & Santa Fe Railway and a line lying 9.25 feet northerly and parallel to the center line of The Garden City Western Railway	FINNEY	
29929001	LEASE - OIL AND GAS	CLAYTON C CARROLL AND WIFE VELMA V CARROLL	GAIL NUSBAUM	5/7/1952	25	211	24S	33W	15	24S33W15	24S-33W Sec. 15: All that part of the NE¼ lying North of the North line of the right of way of the Garden City Western Railway	FINNEY	
29939002	LEASE - OIL AND GAS	COLLEEN W KINNEY	C M FLEETWOOD	9/7/1988	77	389	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29939006	LEASE - OIL AND GAS	ESTHER MAI	C M FLEETWOOD	9/7/1988	79	107	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29939007	LEASE - OIL AND GAS	ESTHER MAI AND GARDEN NATIONAL BANK CO-TRUSTEES OF THE PETE MAI RESIDUARY TRUST	C M FLEETWOOD	9/7/1988	79	108	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29939001	LEASE - OIL AND GAS	LARRY D WARD	C M FLEETWOOD	9/7/1988	77	392	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29929002	LEASE - OIL AND GAS	MAE ANDERSON A WIDOW	J E O'DONNELL	12/27/1943	13	43	24S	33W	15	24S33W15	24S-33W Sec. 15: Lots One and Two and the N2 NW¼	FINNEY	
29929008	LEASE - OIL AND GAS	MAE C TAIT A WIDOW	C H GORDEN	5/7/1942	12	37	24S	33W	15	24S33W15	24S-33W Sec. 15: Lots 5 and 6	FINNEY	39
29939003	LEASE - OIL AND GAS	MARY LEE STECKLEIN	C M FLEETWOOD	9/7/1988	77	394	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29929007	LEASE - OIL AND GAS	NELL A BURNS AND J M BURNS HER HUSBAND	JOE E. DENHAM	12/16/1944	14	400	24S	33W	15	24S33W15	24S-33W Sec. 15: E½ NE¼	FINNEY	
29939004	LEASE - OIL AND GAS	SUE W PINEGAR	C M FLEETWOOD	9/7/1988	78	5	24S	33W	15	24S33W15	24S-33W Sec. 15: Lot 3 and that part of the NE¼ of Section 15 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad, less and except tracts as more fully described in said lease's Exhibit "A" land description.	FINNEY	
29955000	LEASE - OIL AND GAS	HARRY BROWN AND GRACE BROWN HIS WIFE	J E O'DONNELL	8/28/1942	11	643	24S	34W	2	24S34W2	24S-34W Sec. 2: Lots 1 and 2 and the S½ NE¼	FINNEY	
29871001	LEASE - OIL AND GAS	EVA B SHARER A WIDOW	J E O'DONNELL	8/24/1942	11	645	24S	34W	10	24S34W10	24S-34W Sec. 10: Lots 2, 3 & 4 and all accretions thereto. SE¼ NW¼; W½ NW¼; SE¼	FINNEY	39

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

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29854000	LEASE - OIL AND GAS	L L JONES AND EDNA T JONES HIS WIFE; TAYLOR JONES AND KATHERINE JONES HIS WIFE	J E O'DONNELL	8/25/1942	11	633	24S	34W	10	24S34W10	24S-34W Sec. 10; Lot 1	FINNEY	39
29854000	LEASE - OIL AND GAS	L L JONES AND EDNA T JONES HIS WIFE; TAYLOR JONES AND KATHERINE JONES HIS WIFE	J E O'DONNELL	8/25/1942	11	633	24S	34W	11	24S34W11	24S-34W Sec. 11; All	FINNEY	39
29854000	LEASE - OIL AND GAS	L L JONES AND EDNA T JONES HIS WIFE; TAYLOR JONES AND KATHERINE JONES HIS WIFE	J E O'DONNELL	8/25/1942	11	633	24S	34W	2	24S34W2	24S-34W Sec. 2; SE/4, E/2 SW/4 and all that part of the SW/4, SW/4 lying South of the A T S F R R	FINNEY	39
29854000	LEASE - OIL AND GAS	L L JONES AND EDNA T JONES HIS WIFE; TAYLOR JONES AND KATHERINE JONES HIS WIFE	J E O'DONNELL	8/25/1942	11	633	24S	34W	3	24S34W3	24S-34W Sec. 3; All that part of the SW/4 lying South of the A T S F R R and Lot 8	FINNEY	39
29871002	LEASE - OIL AND GAS	OLIVE C STONE A WIDOW; CLIFFORD WM STONE AND SARA LOU STONE HIS WIFE	JOE E. DENHAM	5/21/1943	12	306	24S	34W	10	24S34W10	24S-34W Sec. 10; SW/4	FINNEY	39
29871002	LEASE - OIL AND GAS	OLIVE C STONE A WIDOW; CLIFFORD WM STONE AND SARA LOU STONE HIS WIFE	JOE E. DENHAM	5/21/1943	12	306	24S	34W	5	24S34W5	24S-34W Sec. 5; Lots 9 & 10	FINNEY	39
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	10	24S34W10	24S-34W SECTION 10; N/2	FINNEY	39
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	11	24S34W11	24S-34W SECTION 11; SE/4, W/2	FINNEY	39
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	3	24S34W3	24S-34W SECTION 3; S/2	FINNEY	39
29870000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	34W	5	24S34W5	24S-34W SECTION 5; S/2	FINNEY	39
29848001	LEASE - OIL AND GAS	DAVID GOODARD AND NELLIE OPAL GOODARD HIS WIFE	J E O'DONNELL	8/25/1942	11	641	24S	34W	15	24S34W15	24S-34W Sec. 15; E/2	FINNEY	
29847000	LEASE - OIL AND GAS	EVA B SHARER A WIDOW, JANE S COLLINS AND HUSBAND JOHN C COLLINS ET AL	J E O'DONNELL	9/8/1941	11	436	24S	34W	15	24S34W15	24S-34W Sec. 15; W/2	FINNEY	
29848002	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	8/25/1942	12	5	24S	34W	15	24S34W15	24S-34W Sec. 15; E/2	FINNEY	
29867001	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	9/2/1942	12	24	24S	34W	16	24S34W16	24S-34W Sec. 16; E/2 E/2	FINNEY	
29867002	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	9/2/1942	12	23	24S	34W	16	24S34W16	24S-34W Sec. 16; N/2 NW/4, SW/4 NW/4, W/2 NE/4	FINNEY	
29867003	LEASE - OIL AND GAS	MYRTLE EBIERN AND S W BIEHN HER HUSBAND; AND MYRTLE E BIEHN GUARDIAN OF IOLA L BIEHN A MINOR; ALSO GUARDIAN OF HAZEL L BIEHN A MINOR	J E O'DONNELL	8/25/1942	11	635	24S	34W	16	24S34W16	24S-34W Sec. 16; W/2 SE/4, SE/4 NW/4, SW/4	FINNEY	
29865000	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	9/2/1942	12	6	24S	34W	17	24S34W17	24S-34W Sec. 17; ALL	FINNEY	
29865001	LEASE - OIL AND GAS	G E TABOR AND MILDRED L TABOR HIS WIFE	JOE E. DENHAM	4/16/1945	14	520	24S	34W	18	24S34W18	24S-34W Sec. 18; NE/4	FINNEY	
29865002	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	STANLIND OIL & GAS COMPANY	1/15/1946	15	301	24S	34W	18	24S34W18	24S-34W Sec. 18; NE/4	FINNEY	
29867000	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	CHAMPLIN REFINING COMPANY	9/2/1942	12	7	24S	34W	18	24S34W18	24S-34W Sec. 18; E/2 NW/4, SE/4	FINNEY	
29872000	LEASE - OIL AND GAS	U J INGRIM SINGLE	J E O'DONNELL	9/1/1942	9	249	24S	34W	18	24S34W18	24S-34W Sec. 18; W/2 NW/4; SW/4	FINNEY	
29867000	LEASE - OIL AND GAS	GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION)	CHAMPLIN REFINING COMPANY	10/15/1949	20	124	24S	34W	2	24S34W2	24S-34W Sec. 2; All of Lessee's acreage in all the land in its main irrigation canal right-of-way across said section.	FINNEY	



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29856000	LEASE - OIL AND GAS	GEORGE L POTTER SINGLE	CHAMPLIN REFINING COMPANY	12/30/1948	18	552	24S	34W	2	24S34W2	24S-34W Sec 2: Lots 3 & 4 and the S/2 NW/4 and all that part of the W/2 SW/4 lying North of the T & S F Railroad	FINNEY	
29857000	LEASE - OIL AND GAS	GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION)	CHAMPLIN REFINING COMPANY	10/15/1949	20	124	24S	34W	3	24S34W3	24S-34W Sec 3: All of Lessor's acreage in all the land in its main irrigation canal, right-of-way across said section.	FINNEY	39
29856000	LEASE - OIL AND GAS	GEORGE L POTTER SINGLE	CHAMPLIN REFINING COMPANY	12/30/1948	18	552	24S	34W	3	24S34W3	24S-34W Sec 3: Lots 1, 2, 3 & 4 and the S/2 W/2 and all that part of Lots 5 & 6, and the NW/4 SE/4 and the E/2 SE/4 lying North of the A T & S F Railroad, right of way	FINNEY	39
29859000	LEASE - OIL AND GAS	BRYANT GARNAND AND EDITH B GARNAND HIS WIFE, A B WARDEN AND GRACE MAY WARDEN HIS WIFE	J E O'DONNELL	2/8/1943	12	103	24S	34W	5	24S34W5	24S-34W Sec 5: All that part of the W/2 of Section 5 lying North of the A T & Santa Fe Ry. Described as Lots 1, 2, 7 and 8 (except a tract of about 30 acres deeded to the Garden City Irrigation Company)	FINNEY	39
29873000	LEASE - OIL AND GAS	ESTHER B GREEN AND LOGAN N GREEN HER HUSBAND	CHAMPLIN REFINING COMPANY	10/8/1943	12	610	24S	34W	5	24S34W5	24S-34W Sec 5: Lots 3 & 4; S/2 NW/4	FINNEY	39
29838000	LEASE - OIL AND GAS	FLORENCE LILLIAN CRAWFORD EXECUTRIX OF THE ESTATE OF W H DAVIS DECEASED AND HARRY J DAVIS ADMINISTRATOR CTA OF THE ESTATE OF W H DAVIS DECEASED	PHILLIPS PETROLEUM COMPANY	9/7/1943	12	604	24S	34W	5	24S34W5	24S-34W Sec 5: All that part of Lots 7 & 8 in Section 5 lying South of the right-of-way of the Atchison, Topeka & Santa Fe Railroad; Lots 5 & 6 in said Section 5 and a certain island in the Arkansas River lying South of Lots 5, 6, 7 & 8 in Section 5	FINNEY	39
29857000	LEASE - OIL AND GAS	GARDEN CITY DITCH COMPANY (FORMERLY THE GARDEN CITY IRRIGATION ASSOCIATION)	CHAMPLIN REFINING COMPANY	10/15/1949	20	124	24S	34W	5	24S34W5	24S-34W Sec 5: Beginning in that tract in the E/2 of said Section 5 lying between the railroad and the river, all of Lessor's acreage in all the land in its main irrigation canal, right-of-way across said section.	FINNEY	39
29878000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	CHAMPLIN REFINING COMPANY	9/2/1942	9	221	24S	35W	1	24S35W1	24S-35W SECTION 1: LOTS 1-4, S/2 N/2, S/2 (BEING ALL OF SECTION 1)	KEARNY	
66434000	LEASE - OIL AND GAS	ANICE DICKENS	CITIES SERVICE OIL COMPANY	4/15/1949	18	389	24S	35W	11	24S35W11	24S-35W BEING ALL THAT PART OF S/2SW/4 SEC 11-24S-35W LYING N OF THE SANTA FE RIGHT OF WAY IN THE TOWN OF DEERFIELD, KANSAS, KEARNY CO	KEARNY	
66435000	LEASE - OIL AND GAS	ARNOLD C. KETTLER	CITIES SERVICE OIL COMPANY	5/26/1949	18	578	24S	35W	11	24S35W11	24S-35W NW 1 AC OF NW/4 SEC 11-24S-35W, KEARNY CO	KEARNY	
66432000	LEASE - OIL AND GAS	BELUAH M. GRIGGS	CITIES SERVICE OIL COMPANY	10/20/1947	16	245	24S	35W	11	24S35W11	24S-35W A TR OF LAND IN SEC 11-24S-35W, OF THE 6TH PM DESC AS FOLLOWS, TO-WIT: BEG AT A POINT ON THE W LINE OF SAID SEC., 1895 FT S OF THE NW/C THEREOF, WHICH IS THE POB, TH E 484 FT, TH S 76 FT TO THE R/O/W OF THE GREAT EASTERN DIT CH, TH ALONG THE N LINE OF SAID R/O/W 60 DEGS, 00' W, 1 2 FT, TH S 39 DEGS, 58' W, 340 FT, TH S 80 DEGS, 00' W, 260 FT TO THE W LINE OF SAID SEC, TH N 385 FT TO THE POB SEC 11-24S-35W, KEARNY CO	KEARNY	
66368000	LEASE - OIL AND GAS	C. L. DICKENS ET UX	JOE E. DENHAM	4/17/1944	11	65	24S	35W	11	24S35W11	24S-35W 10.30 ACRES N/L, BEING ALL THAT PART OF THE N/2SW/4 SEC 11-24S-35W, OF THE 6TH PM, LYING BETWEEN THE N LINE OF THE STATION GROUNDS AND ROW OF THE ATCHISON TOPEKA AND SANTA FE RAILWAY CO, THE EXTENDED S LINE OF SIXTH AVE AND A LINE EXTENDING FROM THE EXTENDED LINE OF SIXTH AVENUE TO THE R/O/W OF THE ATCHISON TOPEKA AND SANTA FE RAILWAY CO PARALLEL WITH WALNUT STREET (IN THE CITY OF DEERFIELD) AND 150 FT W OF THE W/2 LINE OF WALNUT STREET, KEARNY CO	KEARNY	



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
66428000	LEASE - OIL AND GAS	CARL MORELAND	CITIES SERVICE OIL COMPANY	10/20/1947	17	355	24S	35W	11	24535W11	APPROXIMATELY 2.4 ACS OF LAND DESC AS FOLLOWS; COMM AT A POINT ON THE N S LINE OF SEC 11-24S-35W OF THE 6TH PM AND 1200 FT E OF THE NW/4 OF SAID SEC. TH S 1331 FT TO THE POB; TH S 186 FT, TH S 55 DEGS 00' W TO A POINT ON THE LINE OF THE GREAT EASTERN DITCH ROW, WHICH IS DUE S OF A POINT 300 FT DUE W OF THE POB; TH N TO A POINT WHICH IS 300 FT DUE W OF THE POB; TH DUEE 300 FT TO THE POB AND ALSO A TR OF LAND DESC AS COMM AT A POINT 1200 FTE OF THE NW/4 OF SEC 11-24S-35W OF THE 6TH PM, TH DUE S AND PARALLELING THE PUBLIC HIGHWAY A DISTANCE OF 1320 FT, TH DUE W 300 FT TO A POINT WHICH IS THE POB; TH DUE W 366 FT, TH DUE S 616 FT TO THE ROW OF THE GREAT EASTERN DITCH A DISTANCE OF 415 FT TO A POINT, TH DUE N 415 FT TO THE POB AND CONT APPROX 4-3/4 ACS, LESS AND EXC FROM THE TR FIRST DESCRIBED A PARCEL OF LAND CONVEYED TO RICHARD LONDON AND DESC AS FOLLOWS:-WIT: COMM AT A POINT ON THE N S LINE OF SEC 11-24S-35W OF THE 6TH PM AND 1200 FT E OF THE NW/4 OF SAID SEC. TH S 1331 FT TO THE POB; TH W AT RIGHT ANGLES 150 FT, TH S AT RIGHT ANGLES 100 FT, TH E 150 FT, TH N 100 FT TO THE POB SEC 11-24S-35W, KEARNY CO	KEARNY	
66370000	LEASE - OIL AND GAS	H. N. KERR	JOE E. DENHAM	4/17/1944	11	69	24S	35W	11	24535W11	BEG AT A PNT 2156.9 FT N OF THE SEC OF SEC 11-24S-35W, OF THE 6TH PM, TH RUNNING DUE W 761.1 FT, TH RUNNING DUE N 385.5 FT TO THE S LINE OF THE ROW OF THE ATCHISON, TOPEKA AND SANTA FE RR CO, TH RUNNING IN A NEELY DIRECTION ALONG S LINE OF SAID ROW TO E LINE OF SAID SEC 11, TH DUE S ALONG E LINE OF SAID SEC 11, 658.6 FT TO THE POB, CONTAINING 9.11 ACS, SEC 11-24S-35W, KEARNY CO	KEARNY	
66431000	LEASE - OIL AND GAS	JOHN JAMES	CITIES SERVICE OIL COMPANY	10/23/1947	16	231	24S	35W	11	24535W11	A TR OF LAND IN THE NW/4 OF SEC 11-24S-35W, OF THE 6TH PM DESC AS FOLLOWS:-WIT: BEG AT A POINT ON THE E LINE OF A PUBLIC ROAD RUNNING N FROM THEN END OF MAIN ST IN THE TOWN OF DEERFIELD, KANSAS, WHICH POINT IS W 1403 FT AND S 1 DEG, 14 MINUTES W 924 FT, FROM THE NEC OF THE NW/4 OF SAID SECTION 11, TH E 468 FT, TH S 26 DEGS, 50 MINUTES W, 328 FT, TH S 53 DEGS, 10 MINUTES W, 412.5 FT, TH 1 DEG, 10 MINUTES E, 540.5 FT TO THE POB SEC 11-24S-35W, KEARNY CO	KEARNY	
66367000	LEASE - OIL AND GAS	L. G. WAGNER ET UX	JOE E. DENHAM	7/6/1943	10	267	24S	35W	11	24535W11	24S-35W SECTION 11: LOTS 7, 8, & 9 IN BLOCK 11 IN THE CITY OF DEERFIELD AS SHOWN BY THE RECORDED PLAT THEREOF; AND ALL OF LOT 13 PLAT 3 BEING ALL THAT PART OF SECTION 11 LYING WEST OF THE CITY OF DEERFIELD AND THE SOUTH OF THE GREAT EASTERN DITCH AND NORTH OF THE MAIN ROAD RUNNING WEST FROM DEERFIELD KNOWN AS THE SANTA FE TRAIL AND LOCATED IN THE SW/4 NW/4 AND THE NW/4 OF THE SW/4.	KEARNY	

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66430000	LEASE - OIL AND GAS	MILTON CLAAR ET UX	CITIES SERVICE OIL COMPANY	10/22/1947	16	230	24S	35W	11	24S35W11	A TR OF UNPLATTED LAND LYING IN THE NW/4 OF SEC 11-24S-35W, OF THE 6TH PM IN THE TOWN OF DEERFIELD, KANSAS, DESCRIBED AS FOLLOWS: TO-WIT: BEG AT A POINT WHICH IS THE INTERSECTION OF THE E LINE OF MAIN ST AND THE N LINE OF 10TH AVE OF THE PLATTED TOWN OF DEERFIELD, KANSAS; TH N 19 DEGS 45' W 132 FT, TH N 49 DEGS 05' E 214.5 FT, TH S 19 DEGS 45' E 209.5 FT, TH S 70 DEGS 15' W 200 FT TO THE POB. CONT. 78 ACS. N/4 SEC 11-24S-35W, KEARNY CO	KEARNY	
66430000	LEASE - OIL AND GAS	NATIONAL ALFAFA DEHYD MILL CO.	CITIES SERVICE OIL COMPANY	5/19/1949	19	96	24S	35W	11	24S35W11	ALL THAT TR OR PARCEL OF LAND SITUATED IN THE COUNTY OF KEARNY AND STATE OF KANSAS AND DESCRIBED AS FOLLOWS: TO-WIT: BEG AT THE SEC OF SEC 11-24S-35W, TH N. VARIATION 11 DEGS 20 MINUTES, 2156.9 FT TO A POINT, TH S 89 DEGS 47 MINUTES W 761.1 FT TO A POINT HEREINAFTER REFERRED TO AS THE POB, TH DUE S 132 FT, TH DUE W 375.1 FT, TH N 19 DEGS 55 MINUTES, W 258 FT, TH S 70 DEGS 00 MINUTES, W 557 FT, TH N 20 DEGS 00 MINUTES, W 99 FT, TH N 70 DEGS 00 MINUTES E 756.25 FT, TH DUE S 274 FT, TH DUE E 309 FT TO THE POB. CONT 3.35 ACS AND THAT FRACTIONAL TR IN THE SE/4 OF SEC 11-24S 35W, 6TH PM BEG AT A POINT 761.1 FT W OF THE E LINE OF SEC 11 AND 2156.9 FT N OF THE S LINE OF SAID SEC RUNNING TH DIRECTLY W 309.1 FT, TH AT RIGHT ANGLES 274.5 FT N TO THE ROW TO THE ATCHI SON, TOPEKA AND SANTA FE RAILWAY, TH FOLLOWING SAID ROW W NORTHEASTERLY 327 FT TO A POINT DIRECTLY N OF STARTING POINT TH STRAIGHT S 385.5 FT TO THE POB, CONT 2.34 ACRE S. MEANING TO CONVEY BY THE TERMS OF THIS LEASE ALL LAND OWNED BY SAID COMPANY IN SEC 11-24S-35W, KEARNY CO	KEARNY	
66429000	LEASE - OIL AND GAS	P. W. HAGLER	CITIES SERVICE OIL COMPANY	10/20/1947	16	246	24S	35W	11	24S35W11	A TR OF UNPLATTED LAND LYING IN THE NW/4 SEC 11-24S-35W OF THE 6TH PM IN THE TOWN OF DEERFIELD, KANSAS AND DESCRIBED AS FOLLOWS: TO-WIT: BEG AT A POINT ON THE N LINE OF 10TH AVE AND THE E LINE OF MAIN ST, TH N 19 DEGS 45' W, 291-1/2 FT, TH N 46 DEGS 58' E, 102-9/10 FT, TH N 24 DEGS 52' E, 265-9/10 FT, TH S 19 DEGS 45' E, 523 FT, TH S 70 DEGS, 15' W, 280 FT TO THE POB SEC 11-24S-35W, KEARNY CO	KEARNY	
66429000	LEASE - OIL AND GAS	RICHARD LANDON	CITIES SERVICE OIL COMPANY	10/23/1957	16	229	24S	35W	11	24S35W11	COMM AT A POINT ON THE N SECTION OF SEC 11-24S-35W, OF 6TH PM AND 1200 FTE OF THE NW/4 OF SAID SEC, TH S 133.1 FT TO THE POB, TH W AT RIGHT ANGLES 150 FT, TH S AT RIGHT ANGLES 100 FT, TH E 150 FT, TH N 100 FT TO THE POB, CONT .35 ACRES, N/4 SEC 11-24S-35W, KEARNY CO	KEARNY	
66362000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	CITIES SERVICE OIL COMPANY	12/11/1942	9	386	24S	35W	11	24S35W11	SECTION 11: NE/4, S/2 N/2 SE/4, S/2 SE/4 AS AMENDED BY CORRECTION OF DESCRIPTION IN OIL AND GAS LEASE DATED 4/23/1949, RECORDED IN BOOK 18, PAGE 352	KEARNY	

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
66371000	LEASE - OIL AND GAS	THE GARDEN CITY COMPANY	JOE E. DENHAM	6/1/1943	10	219	24S	35W	11	24S35W11	A TR OF LAND IN SEC 11-24S-35W, COMMENCING AT A POINT 243 FT E OF THE NW/4 OF SAID SEC, TH E ALONG THE N SEC LINE OF SAID SEC 957 FT, TH S 1,331 FT, TH W 900 FT, TH N 11 FT, TH W 366 FT, TH S 616 FT, TH IN A SW/4 DIRECTION APPROX 50 FT TO THE SEC OF A TRACT OF LAND CONVEYED BY WARRANTY DEED DTD 5-19-23 EXECUTED BY FRANK N LAROSH AND OTHERS TO FRANK G WEST AND RECORDED IN BK-24-PG 66, TH N 76 FT, TH W 484 FT, TH N 1652 FT ALONG THE W SEC LINE OF SAID SEC TH E 243 FT, TH N 243 FT TO POB, CONTAINING 42.31 ACS, M/L, SEC 11-24S-35W, KEARNY CO	KEARNY	
66372000	LEASE - OIL AND GAS	THE UNITED STATES IRRIGATING COMPANY	CITIES SERVICE OIL COMPANY	4/18/1949	18	425	24S	35W	11	24S35W11	ALL THAT TRACT OF LAND COMPRISING THE MAIN GREAT EASTERN CANAL IN & ACROSS THE N/2 SEC 11-24S-35W, KEARNY CO	KEARNY	
66438000	LEASE - OIL AND GAS	TOPEKA AND SANTA FE RAILWAY CO.	CITIES SERVICE OIL COMPANY	4/25/1950	20	59	24S	35W	11	24S35W11	ALL THAT CERTAIN STRIP, TR OR PARCEL OF LAND LYING AND SITUATE IN THE S/2 SEC 11-24S-35W OF THE 6TH PRINCIPAL MERIDIAN, AT DEERFIELD, KEARNY CO, KANSAS AND MORE PARTICULARLY DESC AS FOLLOWS: A STRIP OF LAND 300 FT IN WIDTH LYING 150 FT ON EACH SIDE OF THE CENTER LINE OF THE MAIN TR OF THE ATCHISON, TOPEKA AND SANTA FE RAILWAY CO, AS SAME IS NOW LOCATED AND CONSTRUCTED AND EXTENDING FROM RAILWAY ENGINEERS LOCATION STATION 24020.9 FT IN A NORTH EASTERLY DIRECTION ACROSS SAID S/2 OF SEC 11 ADJACENT E OF 2600 FT TO RAILWAY ENGINEERS LOCATION STATION 214 20.9 FT AND CONTAINING AN AREA OF 17.91 ACRES, M/L, SEC 11-24S-35W, KEARNY CO	KEARNY	
66369000	LEASE - OIL AND GAS	WILLIAM H. HERR ET UX	JOE E. DENHAM	10/20/1943	10	471	24S	35W	11	24S35W11	S/4 SEC 11-24S-35W, LOCATED S OF THE RW OF THE ATCHISON & SANTA FE RR CO, & W OF THE PUBLIC ROAD LEADING THROUGH THE CENTER OF THE TOWN OF DEERFIELD S TO RIVER, KEARNY CO	KEARNY	
29910000	LEASE - OIL AND GAS	WILLIAM T. MURRAY ET UX	CHAMPLIN REFINING COMPANY	7/24/1947	16	50	24S	35W	11	24S35W11	24S-35W	KEARNY	
29963001	LEASE - OIL AND GAS	CHARLES R. FISCHER	JOE E. DENHAM	5/28/1943	10	264	24S	35W	13	24S35W13	24S-35W	KEARNY	
29963002	LEASE - OIL AND GAS	GARDEN CITY CO	JOE E. DENHAM	6/1/1943	10	219	24S	35W	13	24S35W13	24S-35W	KEARNY	
29963003	LEASE - OIL AND GAS	GERTRUDE E. CONE ET AL	FRED C. KOCH	9/7/1944	11	597	24S	35W	13	24S35W13	24S-35W	KEARNY	
65095000	LEASE - OIL AND GAS	STATE BOARD OF ADMINISTRATION, TOPEKA, KANSAS	FRED C. KOCH	8/26/1944	11	579	24S	35W	13	24S35W13	SECTION 13: 66.74 ACRES	KEARNY	
29963004	LEASE - OIL AND GAS	U. J. INGRIM, SINGLE	J. E. O'DONNELL	9/1/1942	9	249	24S	35W	13	24S35W13	SECTION 13: 25.1 ACRES	KEARNY	
29972000	LEASE - OIL AND GAS	O. A. WHITE ET UX	CITIES SERVICE OIL COMPANY	3/29/1943	10	9	24S	36W	1	24S36W1	SECTION 13: N/2	KEARNY	
29932002	LEASE - OIL AND GAS	ORLIE A. WHITE ET UX	J. E. O'DONNELL	8/7/1941	8	422	24S	36W	1	24S36W1	SECTION 1: SE/4	KEARNY	
29932001	LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	CHAMPLIN REFINING COMPANY	8/12/1939	15	214	24S	36W	18	24S36W18	SECTION 1: LOTS 1 AND 2 AND THE S/2 OF THE NE/4 (BEING THE NE/4)	KEARNY	
29969000	LEASE - OIL AND GAS	C. E. WARTHEN ESTATE	JOE E. DENHAM	5/25/1943	10	11	24S	36W	18	24S36W18	24S-36W	KEARNY	
29970001	LEASE - OIL AND GAS	MARIE L. BROWNE ET AL	JOE E. DENHAM	5/25/1943	10	107	24S	36W	18	24S36W18	SECTION 18: NE/4	KEARNY	
65463000	LEASE - OIL AND GAS										SECTION 18: NE/4	KEARNY	



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

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29966000	LEASE - OIL AND GAS	T. H. SEHORN	JOE E. DENHAM	5/28/1943	10	71	24S	36W	18	24S36W18	24S-36W SECTION 18: SE/4	KEARNY	
62816000	LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	7/17/1941	8	188	24S	36W	8	24S36W8	24S-36W SECTION 8: NW/4	KEARNY	
29824001	LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	JOE E. DENHAM	4/12/1943	8	469	24S	36W	8	24S36W8	24S-36W SECTION 8: NE/4	KEARNY	
29824002	LEASE - OIL AND GAS	C. E. BEYER ET UX	GULF OIL CORPORATION	6/7/1945	13	32	24S	36W	8	24S36W8	24S-36W SECTION 8: SE/4	KEARNY	
29824004	LEASE - OIL AND GAS	FERN WRAY KLEHEGE, A SINGLE WOMAN	JOE E. DENHAM	4/16/1943	9	503	24S	36W	8	24S36W8	24S-36W SECTION 8: SW/4	KEARNY	
30111000	LEASE - OIL AND GAS	S. A. TATE, ET AL	P. S. MCCORMICK	4/12/1946	14	64	24S	38W	6	24S38W6	SECTION 7: LOTS 6 AND 7 AND THE E/2 SW/4	KEARNY	
30112000	LEASE - OIL AND GAS	WILL P. ROTH ET UX	P. S. MCCORMICK	4/12/1946	14	65	24S	38W	7	24S38W7	SECTION 7: NE/4	KEARNY	
29887001	LEASE - OIL AND GAS	JOHN J THOMAS A WIDOWER	CHAMPLIN REFINING COMPANY	11/28/1950	21	493	25S	32W	19	25S32W19	25S-32W Sec. 19: Lots 3 & 4; E/2 SW/4; SE/4 (being the entire S/2)	FINNEY	
29887002	LEASE - OIL AND GAS	T W GATLIN AND WIFE LEONE B GATLIN HUSBAND	J E O'DONNELL	7/14/1943	12	377	25S	32W	19	25S32W19	25S-32W Sec. 19: N/2	FINNEY	
29919000	LEASE - OIL AND GAS	EUNICE   POTTER AND ROY POTTER HER HUSBAND	CHAMPLIN REFINING COMPANY	9/8/1950	21	402	25S	32W	21	25S32W21	25S-32W Sec. 21: E/2	FINNEY	
29920000	LEASE - OIL AND GAS	FRANK L STALEY AND ANNA L STALEY HIS WIFE	FRED C. KOCH	4/6/1944	13	237	25S	32W	21	25S32W21	Sec. 21: WEST HALF LESS AND EXCEPT OIL RIGHTS IN THE SW/4	FINNEY	
67639000	LEASE - OIL AND GAS	BENJAMIN BULLARD AND LOUISE H BULLARD HIS WIFE	FRED C. KOCH	4/14/1944	13	320	25S	32W	28	25S32W28	25S-32W Sec. 28: NW/4	FINNEY	39
29962000	LEASE - OIL AND GAS	ROY POTTER AND EUNICE   POTTER HUSBAND AND WIFE	J E O'DONNELL	4/6/1944	13	246	25S	32W	28	25S32W28	25S-32W Sec. 28: E/2	FINNEY	
65518000	LEASE - OIL AND GAS	THOMAS A SPENCE AND LIDA SPENCE HUSBAND AND WIFE	J E O'DONNELL	4/12/1944	13	288	25S	32W	28	25S32W28	25S-32W Sec. 28: SW/4	FINNEY	
29960000	LEASE - OIL AND GAS	ANNA D SCHEER A WIDOW	J E O'DONNELL	9/8/1941	11	370	25S	33W	28	25S33W28	25S-33W Sec. 28: N/2; SE/4	FINNEY	
29950000	LEASE - OIL AND GAS	ERNEST MOODY SINGLE	J E O'DONNELL	8/23/1941	11	339	25S	33W	28	25S33W28	25S-33W Sec. 28: SW/4	FINNEY	
29951000	LEASE - OIL AND GAS	ERNEST C MOODY SINGLE	J E O'DONNELL	8/23/1941	11	340	25S	33W	29	25S33W29	25S-33W Sec. 29: N/2	FINNEY	
29844000	LEASE - OIL AND GAS	ERNEST C MOODY SINGLE	J E O'DONNELL	8/23/1941	11	339	25S	33W	29	25S33W29	25S-33W Sec. 29: S/2	FINNEY	
29951000	LEASE - OIL AND GAS	ORANGE J BROWN AND AUGUSTA BROWN HIS WIFE	NORTHERN NATURAL GAS COMPANY	10/29/1940	11	156	25S	34W	15	25S34W15	25S-34W Sec. 15: NE/4; NW/4; SE/4; SW/4	FINNEY	39
30417000	LEASE - OIL AND GAS	UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR (KS 14595(W))	C M LANE	12/31/1938	16	589	25S	34W	32	25S34W32	25S-34W Sec. 32: E/2 SE/4; N/2; W/2 SE/4; SW/4;	FINNEY	
94699000	LEASE - OIL AND GAS	STELLA MAY SUTTON AND FRED SUTTON HER HUSBAND	WHITE EAGLE OIL COMPANY	4/5/1946	15	316	25S	34W	33	25S34W33	25S-34W Sec. 33: S/2 SW/4; S/2 SE/4	FINNEY	
29860002	LEASE - OIL AND GAS	STELLA SUTTON AND FRED SUTTON HER HUSBAND AND GEORGE H SINK AND MARGUERITE SINN HIS WIFE	J E O'DONNELL	9/25/1941	11	435	25S	34W	33	25S34W33	25S-34W Sec. 33: N/2 SE/4; N/2 SW/4; NE/4; NW/4	FINNEY	
29911000	LEASE - OIL AND GAS	BELLE B BAHNTGE ET AL	FRED C. KOCH	3/2/1944	11	12	25S	36W	2	25S36W2	25S-36W SECTION 2: SW/4	KEARNY	
64593000	LEASE - OIL AND GAS	C. A. LOUCKS AND RHODA D. LOUCKS, HIS WIFE	J. E. O'DONNELL	8/17/1941	8	356	25S	36W	2	25S36W2	25S-36W SECTION 2: LOTS 1, 2, AND THE SW/4 NE/4	KEARNY	
29928000	LEASE - OIL AND GAS	ELLA CONDR	FIN-KER OIL & GAS	3/16/1940	7	428	25S	36W	2	25S36W2	25S-36W SECTION 2: SE/4	KEARNY	
29912000	LEASE - OIL AND GAS	J. B. CARMICHAEL	STANOLIND OIL & GAS COMPANY	4/18/1944	11	66	25S	36W	2	25S36W2	25S-36W SECTION 2: NW/4; NW/4	KEARNY	

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29914000 64600000	LEASE - OIL AND GAS	JOHN B. CARMICHAEL	FIN-HER OIL & GAS	4/12/1940	7	543	25S	36W	2	25S36W2	25S-36W SECTION 2, NE/4 NW/4, S/2 NW/4	KEARNY	
29913000 62725000	LEASE - OIL AND GAS	MARJORIE G. PIPER ET VIR	FRED C. KOCH	3/28/1944	11	60	25S	36W	2	25S36W2	25S-36W SECTION 2: EAST 100 ACRES OF THE SE/4 DESCRIBED AS FOLLOWS: COMMENCING AT THE SE CORNER OF SAID SECTION 2, RUNNING THENCE WEST ON SECTION LINE 100 RODS; THENCE EAST 100 RODS; THENCE SOUTH 160 RODS TO PLACE OF BEGINNING	KEARNY	
29928003	LEASE - OIL AND GAS	CARRIE M. BURNS AND CLYDE E. BURNS, HER HUSBAND	JOE E. DENHAM	3/14/1944	11	26	25S	37W	6	25S37W6	25S-37W SECTION 6: NW/4	KEARNY	
29928004	LEASE - OIL AND GAS	CLYDE E. BURNS AND CARRIE M. BURNS, HIS WIFE	JOE E. DENHAM	3/14/1944	11	25	25S	37W	6	25S37W6	25S-37W SECTION 6: SW/4	KEARNY	
29928001	LEASE - OIL AND GAS	J. E. HEINTZ AND MARGARET M. HEINTZ, HIS WIFE	J. E. O'DONNELL	7/22/1941	8	223	25S	37W	6	25S37W6	25S-37W SECTION 6: SE/4	KEARNY	
29928002	LEASE - OIL AND GAS	THE LAMIN STATE BANK	JOE E. DENHAM	8/5/1943	10	272	25S	37W	6	25S37W6	25S-37W SECTION 6: LOTS 1 AND 2, S/2 NE/4 (BEING ALL OF THE NE/4)	KEARNY	
29900001	LEASE - OIL AND GAS	GEORGE H. TORLINE AND ROSA A. TORLINE HUSBAND AND WIFE	J E O'DONNELL	5/9/1944	13	442	26S	32W	15	26S32W15	26S-32W Sec. 15: N/2	FINNEY	
29900002	LEASE - OIL AND GAS	JOSEPH J. GIGOT AND ROSA GIGOT HUSBAND AND WIFE	J E O'DONNELL	4/10/1944	13	265	26S	32W	15	26S32W15	26S-32W Sec. 15: S/2	FINNEY	
29977000	LEASE - OIL AND GAS	JOSEPH J. OHMES AND JOSEPHINE L. OHMES HUSBAND AND WIFE	J E O'DONNELL	5/17/1944	13	334	26S	32W	22	26S32W22	26S-32W Sec. 22: SE/4	FINNEY	
29902000	LEASE - OIL AND GAS	LAWRENCE ALOYSIUS OHMES A SINGLE MAN	CHAMPLIN REFINING COMPANY	11/3/1950	21	478	26S	32W	22	26S32W22	26S-32W Sec. 22: NE/4	FINNEY	
29976000	LEASE - OIL AND GAS	MARION K. SALMANS AND AGNES SALMANS HIS WIFE	FRED C. KOCH	4/20/1944	14	339	26S	32W	22	26S32W22	26S-32W Sec. 22: N/2 NW/4	FINNEY	
29978000	LEASE - OIL AND GAS	MARTIN HEIMAN AND LENA HEIMAN HIS WIFE	FRED C. KOCH	4/21/1944	13	299	26S	32W	22	26S32W22	26S-32W Sec. 22: S/2 NW/4	FINNEY	
29842002	LEASE - OIL AND GAS	JOHN W. NOLAN AND GLADYS NOLAN HIS WIFE	J E O'DONNELL	8/27/1941	11	328	26S	33W	13	26S33W13	26S-33W Sec. 13: W/2	FINNEY	
29842001	LEASE - OIL AND GAS	S. H. STRACKELJOHN AND LADY RUTH STRACKELJOHN HIS WIFE	FRED C. KOCH	7/16/1943	12	381	26S	33W	13	26S33W13	26S-33W Sec. 13: E/2	FINNEY	
29886000	LEASE - OIL AND GAS	AGNES P. RIGG A WIDOW	E PAUL HATFIELD	2/15/1943	12	182	26S	33W	6	26S33W6	26S-33W Sec. 6: SW/4 SW/4; E/2 SW/4; SE/4; NW/4 SW/4	FINNEY	
29916000	LEASE - OIL AND GAS	JOHN RICE A WIDOWER	CITIES SERVICE OIL COMPANY	4/1/1943	12	186	26S	33W	8	26S33W8	26S-33W Sec. 8: SE/4	FINNEY	
29917000	LEASE - OIL AND GAS	LEON E. THOMAS A SINGLE MAN	NORTHERN NATURAL GAS COMPANY	11/25/1944	14	489	26S	33W	8	26S33W8	26S-33W Sec. 8: E/2 NE/4	FINNEY	
29918000 65699000	LEASE - OIL AND GAS	LUKE MOWBRAY AND DENA U. MOWBRAY HUSBAND AND WIFE	E PAUL HATFIELD	4/17/1943	12	237	26S	33W	8	26S33W8	26S-33W Sec. 8: SW/4	FINNEY	39
29906000	LEASE - OIL AND GAS	BERTHA M. FOSTER A WIDOW; WILLIAM D. FOSTER & MARJORIE FOSTER HIS WIFE ET AL	J E O'DONNELL	9/6/1941	11	384	26S	34W	12	26S34W12	26S-34W Sec. 12: N/2	FINNEY	
29946000	LEASE - OIL AND GAS	JENNIE BARKER A WIDOW	MAGNOLIA PETROLEUM COMPANY	5/5/1945	15	46	26S	34W	12	26S34W12	26S-34W Sec. 12: S/2	FINNEY	
29907002	LEASE - OIL AND GAS	MINNIE STOUT A WIDOW, ORA E. GREEN WIDOWER, ET AL	NORTHERN NATURAL GAS COMPANY	6/29/1944	14	190	26S	34W	14	26S34W14	26S-34W Sec. 14: S/2	FINNEY	
29907001	LEASE - OIL AND GAS	NELLIE C. GRAHAM, A MARRIED WOMAN, FORMERLY NELLIE C. LOCKWOOD, A WIDOW	J. E. O'DONNELL	9/22/1941	11	445	26S	34W	14	26S34W14	26S-34W SECTION 14: N/2	FINNEY	
29987000	LEASE - OIL AND GAS	IRA B. HATFIELD A SINGLE MAN	E PAUL HATFIELD	2/6/1943	12	117	26S	34W	15	26S34W15	26S-34W Sec. 15: S/2	FINNEY	



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
29853002	LEASE - OIL AND GAS	JOHN W NOLAN AND GLADYS F NOLAN HIS WIFE	J E O'DONNELL	9/11/1941	11	385	26S	34W	15	26S34W15	26S-34W Sec. 15: N/2	FINNEY	
29853004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	CHAMPLIN REFINING COMPANY	8/1/1946	15	542	26S	34W	15	26S34W15	26S-34W Sec. 15: N/2	FINNEY	
29853002	LEASE - OIL AND GAS	JOHN W NOLAN AND GLADYS F NOLAN HIS WIFE	J E O'DONNELL	9/11/1941	11	385	26S	34W	16	26S34W16	26S-34W Sec. 16: S/2	FINNEY	
29853003	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	CHAMPLIN REFINING COMPANY	8/1/1946	15	543	26S	34W	16	26S34W16	26S-34W Sec. 16: S/2	FINNEY	
29853001	LEASE - OIL AND GAS	UNITED STATES OF AMERICA BY THE SECRETARY OF THE INTERIOR KSELBIL 0013706	G M TAYLOR	12/31/1938	N/A	N/A	26S	34W	16	26S34W16	26S-34W Sec. 16: N/2	FINNEY	
29853000	LEASE - OIL AND GAS	MAXINE D JONES AND JOHN C JONES HER HUSBAND	HOWARD KUHN	11/2/1943	12	639	26S	34W	19	26S34W19	26S-34W Sec. 19: All	FINNEY	
29834002	LEASE - OIL AND GAS	CLAUDE D WHITFIELD, SOLE AND ONLY HEIR OF IDA R WHITFIELD DECEASED AND NORMA A WHITFIELD, WIFE OF CLAUDE D WHITFIELD	CHAMPLIN REFINING COMPANY	1/15/1948	17	7	26S	34W	5	26S34W5	26S-34W Sec. 5: Lots 1 & 2; S/2 NE/4	FINNEY	
29834003	LEASE - OIL AND GAS	EARNEST C MOODY, SINGLE; CHESTER O MOODY & RUBY MOODY HIS WIFE, ET AL	CHAMPLIN REFINING COMPANY	6/20/1949	19	328	26S	34W	5	26S34W5	26S-34W Sec. 5: Lots 3 & 4; S/2 NW/4	FINNEY	
29834004	LEASE - OIL AND GAS	EARNEST C MOODY, SINGLE; CHESTER O MOODY & RUBY MOODY HIS WIFE, ET AL	CHAMPLIN REFINING COMPANY	6/20/1949	19	324	26S	34W	5	26S34W5	26S-34W Sec. 5: Lots 1 & 2; S/2 NE/4	FINNEY	
29834001	LEASE - OIL AND GAS	THOMAS H KEPHART SINGLE	J E O'DONNELL	8/21/1941	11	309	26S	34W	5	26S34W5	26S-34W Sec. 5: S/2	FINNEY	
29838002	LEASE - OIL AND GAS	C LEE REEVE A WIDOWER	J E O'DONNELL	8/1/1941	11	312	26S	34W	7	26S34W7	26S-34W Sec. 7: NE/4	FINNEY	39
29840000	LEASE - OIL AND GAS	EARL W CAMPBELL ET AL	THE FIN-KER OIL & GAS PRODUCTION COMPANY	3/25/1947	16	258	26S	34W	7	26S34W7	26S-34W Sec. 7: Lots 3 & 4; E/2 SW/4, SE/4	FINNEY	
29858000	LEASE - OIL AND GAS	JAMES YEISER A SINGLE MAN AND RYLAND D BEDFORD A SINGLE MAN ED M WATKINS AND MABEL E WATKINS HIS WIFE	J E O'DONNELL	9/6/1941	11	444	26S	34W	8	26S34W8	26S-34W Sec. 8: S/2 NE/4; N/2 NE/4; S/2 NW/4	FINNEY	
30049000	LEASE - OIL AND GAS	R. E. WINTER ET AL	JOE E DENHAM	4/20/1943	3	560	28S	33W	26	28S33W26	28S-33W Sec. 26: SW/4	HASKELL	2
82888000	LEASE - OIL AND GAS	EQUAL ROYALTY COMPANY AND ROYALTY HOLDING COMPANY	NORTHERN NATURAL GAS COMPANY	7/16/1953	13	64	28S	34W	1	28S34W1	28S-34W SECTION 1: E/2	HASKELL	2
30047002	LEASE - OIL AND GAS	FRANK MCCOY AND ETTA MCCOY HIS WIFE	JOE E DENHAM	5/10/1944	6	3	28S	34W	29	28S34W29	28S-34W Sec. 29: SE/4	HASKELL	2
30047001	LEASE - OIL AND GAS	FRANK MCCOY AND ETTA MCCOY HIS WIFE	CITIES SERVICE OIL COMPANY	11/9/1942	3	504	28S	34W	29	28S34W29	28S-34W Sec. 29: SE/4	HASKELL	2
30052000	LEASE - OIL AND GAS	E M GREGG ET AL	HELMRICH & PAYNE INC	8/20/1935	6	295	28S	34W	32	28S34W32	28S-34W Sec. 32: SW/4	HASKELL	2
30047002	LEASE - OIL AND GAS	EQUAL ROYALTY COMPANY AND ROYALTY HOLDING COMPANY	JOE E DENHAM	5/10/1944	6	3	28S	34W	32	28S34W32	28S-34W Sec. 32: NW/4	HASKELL	2
30051000	LEASE - OIL AND GAS	FRANK MCCOY AND ETTA MCCOY HIS WIFE	CITIES SERVICE OIL COMPANY	7/28/1945	6	591	28S	34W	32	28S34W32	28S-34W Sec. 32: NE/4	HASKELL	2
30047001	LEASE - OIL AND GAS	FRANK MCCOY AND ETTA MCCOY HIS WIFE	CITIES SERVICE OIL COMPANY	11/9/1942	3	504	28S	34W	32	28S34W32	28S-34W Sec. 32: NW/4	HASKELL	2
30075000	LEASE - OIL AND GAS	ELLENA FLORENCE TILLER A WIDOW	UNITED PRODUCING COMPANY INC	1/15/1943	3	514	29S	34W	10	29S34W10	29S-34W Sec. 10: NW/4 SW/4; NW/4, S/2 SW/4 Limited to the wellbore of the MLP Tiller A-2 (API 1508121616)	HASKELL	38
30074000	LEASE - OIL AND GAS	S B HOWELL BEING THE SAME PERSON AS SAMUEL B HOWELL AND SUSIE H HOWELL HIS WIFE ET AL	UNITED PRODUCING COMPANY INC	1/12/1943	3	540	29S	34W	10	29S34W10	29S-34W Sec. 10: SE/4 Limited to the wellbore of the MLP Tiller A-2 (API 1508121616)	HASKELL	2

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30070000	LEASE - OIL AND GAS	KATHARINA STUCKY A WIDOW; SOLOMON S STUCKY AND CELIA STUCKY HIS WIFE ET AL	UNITED PRODUCING COMPANY INC	1/13/1943	4	6	29S	34W	11	29S34W11	29S-34W Sec. 11: SW/4; E/2 NW/4	HASKELL	2
30043000	LEASE - OIL AND GAS	CHARLES KOENIG AND HULDAH KOENIG HIS WIFE	UNITED PRODUCING COMPANY INC	12/18/1942	3	407	29S	34W	12	29S34W12	29S-34W Sec. 12: SW/4	HASKELL	2
30076000	LEASE - OIL AND GAS	GRACE HUNGATE A WIDOW; MYRON L HUNGATE AND GLADYS HUNGATE HIS WIFE ET AL	UNITED PRODUCING COMPANY INC	1/12/1943	3	530	29S	34W	13	29S34W13	29S-34W Sec. 13: N/2	HASKELL	2
82815000	LEASE - OIL AND GAS	PEARL D. WRIGHT AND S. EDMUND WRIGHT	UNITED PRODUCING COMPANY INC	1/11/1943	3	517	29S	34W	13	29S34W13	29S-34W Sec. 13: SW/4	HASKELL	2
82816000	LEASE - OIL AND GAS	PEARL WARNER ET AL	UNITED PRODUCING COMPANY INC	1/13/1943	3	509	29S	34W	13	29S34W13	29S-34W Sec. 13: SE/4	HASKELL	2
30069000	LEASE - OIL AND GAS	FRED W SCHROEDER A SINGLE MAN	UNITED PRODUCING COMPANY INC	3/20/1944	4	489	29S	34W	14	29S34W14	29S-34W Sec. 14: SW/4	HASKELL	2
30068000	LEASE - OIL AND GAS	J B WRIGHT AND LAURA A WRIGHT HIS WIFE	ALDEN W FOSTER	4/23/1934	2	234	29S	34W	14	29S34W14	29S-34W Sec. 14: SE/4	HASKELL	2
30065001	LEASE - OIL AND GAS	MYRON YUNCKER A SINGLE MAN AND AN INCOMPETENT PERSON BY EMMA R YUNCKER GUARDIAN OF HIS PERSON AND ESTATE	UNITED PRODUCING COMPANY INC	12/2/1944	5	590	29S	34W	14	29S34W14	29S-34W Sec. 14: NE/4; NW/4	HASKELL	2
30065003	LEASE - OIL AND GAS	WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE	ALDEN W FOSTER	4/23/1934	2	232	29S	34W	14	29S34W14	29S-34W Sec. 14: NE/4	HASKELL	2
30065002	LEASE - OIL AND GAS	WILLIE YUNCKER AND EMMA R YUNCKER HIS WIFE	ALDEN W FOSTER	4/23/1934	2	221	29S	34W	14	29S34W14	29S-34W Sec. 14: NW/4	HASKELL	2
30087000 67290000	LEASE - OIL AND GAS	NONA WHITNAH A SINGLE LADY	ALDEN W FOSTER	4/25/1934	2	183	29S	34W	22	29S34W22	29S-34W Sec. 22: S/2 NE/4; NE/4 NE/4; NE/4	HASKELL	2
30064000	LEASE - OIL AND GAS	CHAS E LESLIE AND MYRTLE I LESLIE HIS WIFE	UNITED PRODUCING COMPANY INC	1/11/1943	3	537	29S	34W	26	29S34W26	Sec. 26: SW/4 SE/4; S/2 SE/4 SE/4; S/2 NW/4 SE/4; S/2 NE/4 SE/4; N/2 SE/4 SE/4; N/2 NW/4 SE/4; N/2 NE/4 SE/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121172); MLP Santala 3-26 (API 1508121170); and MLP Santala A-1-26 (API 1508120858)	HASKELL	2
30063000 67311000	LEASE - OIL AND GAS	FRANK MCCOY AND ETNA MCCOY HIS WIFE	UNITED PRODUCING COMPANY INC	1/11/1943	3	511	29S	34W	26	29S34W26	29S-34W Sec. 26: NW/4 NW/4; SW/4 NW/4; SE/4 NW/4; SE/4 NE/4; NE/4 NW/4; S/2 SW/4 NE/4; N/2 SW/4 NE/4; N/2 NE/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121172); MLP Santala 3-26 (API 1508121170); and MLP Santala A-1-26 (API 1508120858)	HASKELL	2
30062000	LEASE - OIL AND GAS	SOUTHWESTERN COLLEGE A CORPORATION	UNITED PRODUCING COMPANY INC	2/22/1943	3	539	29S	34W	26	29S34W26	29S-34W Sec. 26: SW/4 Limited to the wellbores of the MLP Santala 2-36 (API 1508121172); MLP Santala 3-26 (API 1508121170); and MLP Santala A-1-26 (API 1508120858)	HASKELL	2
30088000 67295000	LEASE - OIL AND GAS	HANNAH FOSTER A SINGLE WOMAN	ALDEN W FOSTER	5/7/1934	2	178	29S	34W	27	29S34W27	Less and except the wellbores of the MLP Santala 2-36 (API 1508121172); MLP Santala 3-26 (API 1508121170); and MLP Santala A-1-26 (API 1508120858)	HASKELL	2



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitance	Legal Description	County	Footnote
30080000 62596000	LEASE - OIL AND GAS	RUBY GRACE SCHMITT AND H M SCHMITT HER HUSBAND	ALDEN W FOSTER	4/25/1934	2	171	29S	34W	27	29S34W27	29S-34W Sec. 27: SW/4 SW/4; NW/4 SW/4; E2 SW/4 29S-34W	HASKELL	2
30090000 67297000	LEASE - OIL AND GAS	MRS CHARLES KOENIG AND CHARLES KOENIG HER HUSBAND	ALDEN W FOSTER	5/12/1934	2	166	29S	34W	28	29S34W28	Sec. 28: SE/4 SE/4; E2 NW/4 SE/4; E2 NE/4 SE/4; W2 NW/4 SE/4; SW/4 SE/4 LESS AND EXCEPT THE MLP KOENIG 1-28 WELL (API 081-21029-0001) AND THE MLP KOENIG 2-28 WELL (API 15-081-21037)	HASKELL	2
30082000	LEASE - OIL AND GAS	JOHN D G STUCKY AND SOPHIA STUCKY HIS WIFE	UNITED PRODUCING COMPANY INC	9/17/1943	4	349	29S	34W	29	29S34W29	29S-34W Sec. 29: NE/4	HASKELL	2
30060000 67316000	LEASE - OIL AND GAS	C L HUXMAN AND FLORENCE HUXMAN HIS WIFE	UNITED PRODUCING COMPANY INC	2/26/1944	4	444	29S	34W	34	29S34W34	29S-34W Sec. 34: S2 SW/4 SE/4; S2 NW/4 SE/4; N2 SW/4 SE/4; N2 NW/4 SE/4; E2 SE/4	HASKELL	2
30059000 67298000	LEASE - OIL AND GAS	JAMES F MOYER AND WIFE ANNA MOYER	ALDEN W FOSTER	5/21/1934	2	192	29S	34W	34	29S34W34	29S-34W Sec. 34: NW/4	HASKELL	2
30061000 67318000	LEASE - OIL AND GAS	M E THRELKELD AND J D THRELKELD HER HUSBAND	JOE E. DENHAM	6/9/1943	4	312	29S	34W	34	29S34W34	29S-34W Sec. 34: SW/4 SW/4; NW/4 SW/4; E2 SW/4	HASKELL	2
30102001 67319001	LEASE - OIL AND GAS	CLARA VAIL A WIDOW, OLUS H VAIL AND MYRA VAIL HIS WIFE ET AL	UNITED PRODUCING COMPANY INC	10/14/1944	5	287	29S	34W	35	29S34W35	29S-34W Sec. 35: SW/4 SW/4; SW/4 NW/4; NW/4 SW/4; NW/4 NW/4; E2 W/2; E2	HASKELL	2
30102003 67319003	LEASE - OIL AND GAS	EUROMEX OIL COMPANY INC	W B OSBORN	5/25/1946	7	327	29S	34W	35	29S34W35	29S-34W Sec. 35: SW/4 SW/4; SW/4 NW/4; NW/4 SW/4; NW/4 NW/4; E2 W/2; E2	HASKELL	2
30102002 67319002	LEASE - OIL AND GAS	JOHN J FLEET AND JUANICE FLEET HIS WIFE AND HAZEL T FLEET, EXECUTRIX OF THE ESTATE OF D F FLEET DECEASED	W B OSBORN	12/14/1944	6	260	29S	34W	35	29S34W35	29S-34W Sec. 35: E2 W/2; E2; NW/4 SW/4; SW/4 NW/4; NW/4 SW/4; NW/4 NW/4	HASKELL	2
30102004 67319004	LEASE - OIL AND GAS	W B OSBORN AND JEWEL H OSBORN HIS WIFE	UNITED PRODUCING COMPANY INC	12/14/1946	7	585	29S	34W	35	29S34W35	29S-34W Sec. 35: NW/4 SW/4; SW/4 NW/4; NW/4 NW/4; NW/4; E2 W/2; E2; SW/4 SW/4	HASKELL	2
N/A	TERM MINERAL DEED	ANADARKO PETROLEUM CORPORATION	MERIT PARTNERS, L.P., ET AL	EFFECTIVE 9/1/2004	181	674	29S	34W	4	29S34W4	29S-34W Sec. 4: NW/4	HASKELL	2
30084000	LEASE - OIL AND GAS	ALFRED J COLLINGWOOD AND EDNA COLLINGWOOD HIS WIFE	PANHANDLE EASTERN PIPE LINE CO	4/30/1942	3	343	29S	34W	8	29S34W8	29S-34W Sec. 8: NW/4; NE/4	HASKELL	2
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	3	156	29S	35W	13	29S35W13	29S-35W SECTION 13: SW/4	GRANT	2
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	3	156	29S	35W	23	29S35W23	29S-35W SECTION 23: NE/4	GRANT	2
30014000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	3	156	29S	35W	24	29S35W24	29S-35W SECTION 24: NW/4	GRANT	2
30015000	LEASE - OIL AND GAS	G. D. BLACKWELDER AND ELLA C. BLACKWELDER, HIS WIFE	ALDEN W. FOSTER	7/7/1934	3	155	29S	35W	24	29S35W24	29S-35W SECTION 24: NE/4, S2	GRANT	2
30016000	LEASE - OIL AND GAS	E. O. STUART (BEING THE SAME PERSON AS EDWIN O. STUART) AND EVA A. CLARKE, HIS WIFE	ALDEN W. FOSTER	7/6/1934	3	161	29S	35W	28	29S35W28	29S-35W SECTION 28: E/2 SE/4	GRANT	2
33171000 95561000 95528000	LEASE - OIL AND GAS	BERT W MCGINNIS AND EVA J MCGINNIS HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/15/1934	192	308	2N	14ECM	22	2N14ECM22	2N-14ECM Sec. 22: NW/4 LIMITED TO THE WELLBORE ONLY OF THE BOWEN 1-22 WELL (API 3513928524)	TEXAS	
33170000 60253000	LEASE - OIL AND GAS	EFFIE BOWEN A WIDOW	STANLEY MARSH JR	4/6/1940	217	180	2N	14ECM	22	2N14ECM22	2N-14ECM Sec. 22: SW/4 LIMITED TO THE WELLBORE ONLY OF THE BOWEN 1-22 WELL (API 3513928524)	TEXAS	
33085000	LEASE - OIL AND GAS	CARL A MORAWITZ AND R W KURTZE TRUSTEES OF THE O JOLLIFFE ESTATE	ORRIN F TUCKER	10/20/1953	252	265	2N	19ECM	8	2N19ECM8	2N-19ECM Sec. 8: NE/4	TEXAS	28



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33084000	LEASE - OIL AND GAS	CARL A. MORAWITZ AND R.W. KURTZE TRUSTEES OF THE O JOLLIFFE TRUST ESTATE	SINCLAIR OIL & GAS COMPANY	4/5/1952	257	523	2N	19ECM	8	2N19ECM/8	2N-19ECM Sec. 8; SE/4	TEXAS	28
33082001	LEASE - OIL AND GAS	GEORGE S GILBERT AND EMMA GILBERT HUSBAND AND WIFE	UNION OIL COMPANY OF CALIFORNIA	12/15/1951	307	523	2N	19ECM	8	2N19ECM/8	2N-19ECM Sec. 8; W/2	TEXAS	28
33082002	LEASE - OIL AND GAS	THE RESERVE PETROLEUM COMPANY	UNION OIL COMPANY OF CALIFORNIA	7/23/1952	294	210	2N	19ECM	8	2N19ECM/8	2N-19ECM Sec. 8; W/2	TEXAS	28
31737000	LEASE - OIL AND GAS	ROY B RAVENSCROFT AND ROSE E RAVENSCROFT HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/8/1954	141	371	2N	20ECM	13	2N20ECM/13	2N-20ECM Sec. 13; S/2 SW/4	BEAVER	3
31734000	LEASE - OIL AND GAS	GREEN T C SMITH AND MARY I SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/9/1945	21	231	2N	22ECM	28	2N22ECM/28	2N-22ECM Sec. 28; SW/4 SW/4	BEAVER	3
31735000	LEASE - OIL AND GAS	RAYMOND SMITH AND LAVAUIN SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/9/1945	21	412	2N	22ECM	28	2N22ECM/28	2N-22ECM Sec. 28; N/2 SW/4; SE/4 SW/4	BEAVER	3
31734000	LEASE - OIL AND GAS	GREEN T C SMITH AND MARY I SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/9/1945	21	231	2N	22ECM	29	2N22ECM/29	2N-22ECM Sec. 29; SE/4 SE/4	BEAVER	3
31735000	LEASE - OIL AND GAS	RAYMOND SMITH AND LAVAUIN SMITH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY, A CORPORATION	12/9/1945	21	412	2N	22ECM	29	2N22ECM/29	2N-22ECM Sec. 29; SW/4 SE/4	BEAVER	3
30058000 67307000	LEASE - OIL AND GAS	ILLINOIS BANKERS LIFE ASSURANCE COMPANY	UNITED PRODUCING COMPANY INC	6/28/1941	3	289	30S	34W	2	30S34W/2	30S-34W Sec. 2; W/2 NW/4 NW/4 Limited to the wellbores of the MLP Block 1-2 (API 1508121236), MLP Block 2-2 (API 1508121444), MLP Block 3-2 (API 1508121459) and MLP Block 4-2 (API 1508121499)	HASKELL	2
30035000	LEASE - OIL AND GAS	FLORENCE BELLE MOSBARGER AND G H MOSBARGER HER HUSBAND	THE DERBY OIL COMPANY	1/22/1941	3	235	30S	34W	27	30S34W/27	30S-34W Sec. 27; NW/4	HASKELL	2
30037000	LEASE - OIL AND GAS	JAMES W SMITH AND LUZIE SMITH HIS WIFE	THE DERBY OIL COMPANY	1/28/1941	3	245	30S	34W	27	30S34W/27	Sec. 27; All that part of the SW/4 lying South and East of the North and West line of the right-of-way of the Dodge City and Cimarron Valley Railway Company as more particularly described in the lease.	HASKELL	2
30038000	LEASE - OIL AND GAS	PAULINE MURPHY ET VIR	THE DERBY OIL COMPANY	1/22/1941	3	236	30S	34W	27	30S34W/27	30S-34W Sec. 27; SW/4	HASKELL	2
30039000	LEASE - OIL AND GAS	A J BRYANT ET UX	THE DERBY OIL COMPANY	1/21/1941	3	234	30S	34W	28	30S34W/28	30S-34W Sec. 28; NE/4	HASKELL	2
30040000	LEASE - OIL AND GAS	EDWIN WARNER A SINGLE MAN	THE DERBY OIL COMPANY	1/21/1941	3	233	30S	34W	28	30S34W/28	30S-34W Sec. 28; N/2 SE/4	HASKELL	2
30036000	LEASE - OIL AND GAS	L O STANLEY ET UX	THE DERBY OIL COMPANY	1/24/1941	3	195	30S	34W	28	30S34W/28	30S-34W Sec. 28; S/2 SE/4	HASKELL	2
30107000 67321000 30095000 67309000	LEASE - OIL AND GAS	A R SWINDLER AND ANNA SWINDLER EDWIN P SMITH AND CHARLOTTE M SMITH HIS WIFE	THE UNION OIL & ROYALTY COMPANY UNITED PRODUCING COMPANY INC	9/28/1931	1	298	30S	34W	3	30S34W/3	30S-34W Sec. 3; SW/4 SW/4; SE/4 SW/4; NW/4 SW/4; NE/4 SW/4	HASKELL	2
30091000 67300000	LEASE - OIL AND GAS	J W ONIONS AND EARL AMIES EXECUTORS AND TRUSTEES UNDER THE LAST WILL AND TESTAMENT OF GRANT BLACK AKA U G BLACK AND AS U G GRANT BLACK DECEASED	UNITED PRODUCING COMPANY INC	7/11/1944	6	3	30S	34W	3	30S34W/3	30S-34W Sec. 3; Lots 1 and 2; SE/4 NE/4; SW/4 NE/4	HASKELL	2
30098000 67308000	LEASE - OIL AND GAS	J J WALTON AND MARY ADITH WALTON HIS WIFE	UNITED PRODUCING COMPANY INC	9/10/1942	3	406	30S	34W	4	30S34W/4	30S-34W Sec. 4; N/2 NW/4 SE/4; SW/4 NE/4; S/2 SW/4 SE/4; NE/4; S/2 NW/4 SE/4; NE/4 NE/4; N/2 SW/4 SE/4; E/2 SE/4; N/2 SW/4 NE/4	HASKELL	2
30095000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	2	175	30S	34W	5	30S34W/5	30S-34W Sec. 5; SW/4	HASKELL	2
30094000 67302000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	2	174	30S	34W	5	30S34W/5	30S-34W Sec. 5; SE/4 SE/4; NE/4 SE/4; E/2 SE/4	HASKELL	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
3002000 67301000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	2	172	30S	34W	5	30S34W5	30S-34W Sec. 5: NE/4	HASKELL	2
30093000	LEASE - OIL AND GAS	H P ROONEY AND MARGUERITE ROONEY HIS WIFE	ALDEN W FOSTER	5/28/1934	2	173	30S	34W	5	30S34W5	30S-34W Sec. 5: NW/4	HASKELL	2
N/A	LEASE - OIL AND GAS	O. W. HUTTON AND BESSIE W. HUTTON, HIS WIFE	UNITED PRODUCING COMPANY, INC.	10/16/1937	4	247	30S	35W	14	30S35W14	30S-35W SECTION 14: NW/4	GRANT	2
30020000	LEASE - OIL AND GAS	CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE	UNITED PRODUCING COMPANY, INC.	3/24/1944	7	106	30S	35W	15	30S35W15	30S-35W SECTION 15: N/2 NE/4	GRANT	2
29997000	LEASE - OIL AND GAS	R. G. KLEIN, ET UX	INTERSTATE PRODUCTION COMPANY	9/4/1936	3	469	30S	35W	23	30S35W23	30S-35W SECTION 23: NE/4	GRANT	2
30020000	LEASE - OIL AND GAS	CLYDE M LAWRENCE AND ETHEL M. LAWRENCE, HIS WIFE	UNITED PRODUCING COMPANY, INC.	3/24/1944	7	106	30S	35W	25	30S35W25	30S-35W SECTION 25: SW/4	GRANT	2
30010000	LEASE - OIL AND GAS	E. H. ELLIOTT AND MTRILE ELLIOTT, HIS WIFE	NORTHERN NATURAL GAS COMPANY	6/16/1943	7	3	30S	35W	25	30S35W25	30S-35W SECTION 25: SE/4	GRANT	2
30025004	LEASE - OIL AND GAS	DELLA M. ROBINSON, GUARDIAN	UNITED PRODUCING COMPANY, INC.	3/15/1948	10	157	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30025002	LEASE - OIL AND GAS	EDNA BILBERRY ET AL	UNITED PRODUCING COMPANY, INC.	11/8/1947	10	179	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30025003	LEASE - OIL AND GAS	EDNA BILBERRY, GUARDIAN	UNITED PRODUCING COMPANY, INC.	11/8/1947	10	178	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30021000	LEASE - OIL AND GAS	PEARL B. LINSKOTT AND M. R. LINSKOTT, HER HUSBAND	UNITED PRODUCING COMPANY, INC.	3/15/1944	7	140	30S	35W	26	30S35W26	30S-35W SECTION 26: NW/4 SW/4	GRANT	2
30025001	LEASE - OIL AND GAS	R. M. SHAW, A WIDOWER	UNITED PRODUCING COMPANY, INC.	5/5/1948	10	163	30S	35W	26	30S35W26	30S-35W SECTION 26: E/2 SW/4, SW/4 SW/4	GRANT	2
30009000 67282000	LEASE - OIL AND GAS	T. J. WAGNER, JR. AND ANNE WAGNER, HIS WIFE	UNITED PRODUCING COMPANY, INC.	10/10/1944	7	199	30S	35W	26	30S35W26	30S-35W SEC. 26: SE/4	GRANT	2
29999000	LEASE - OIL AND GAS	HUGH HOOPER AND PEARL HOOPER, HIS WIFE	UNITED PRODUCING COMPANY, INC.	6/10/1947	10	75	30S	35W	28	30S35W28	30S-35W SECTION 28: N/2 NE/4, NW NW/4	GRANT	2
30012000	LEASE - OIL AND GAS	ALBERT A. GOERING ET AL	UNITED PRODUCING COMPANY, INC.	9/4/1942	6	134	30S	35W	3	30S35W3	30S-35W SECTION 3: SW/4	GRANT	2
30247003	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	2
30244001	LEASE - OIL AND GAS	FRED C. KOCH ET UX	WOOD RIVER OIL & REFINING CO. ET AL	1/17/1947	75	514	31S	34W	17	31S34W17	31S-34W SECTION W/2 AND W/2 NE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	2
30244002	LEASE - OIL AND GAS	HOME ROYALTY ASSOCIATION INC.	WOOD RIVER OIL & REFINING CO. ET AL	6/3/1946	74	158	31S	34W	17	31S34W17	31S-34W SECTION W/2 AND W/2 NE/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	17	31S34W17	31S-34W SECTION 17: N/2 SE/4	SEWARD	2
30250000	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	BEN F. BLACK	1/14/1946	75	220	31S	34W	17	31S34W17	31S-34W SECTION 17: S/2 SE/4	SEWARD	2
30246000	LEASE - OIL AND GAS	PATRICK H. DAY ET UX	JOE E. DENHAM	4/28/1943	47	531	31S	34W	17	31S34W17	31S-34W SECTION 17: E/2 NE/4	SEWARD	2
30263000 67282000	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 SPECIFICALLY LESS AND EXCEPT THE SE/4 SE/4	SEWARD	2
30263000 67237000	LEASE - OIL AND GAS	W. V. GRIFFITH ET UX	UNITED PRODUCING COMPANY INC	5/12/1948	85	115	31S	34W	18	31S34W18	31S-34W SECTION 18: SW/4 NE/4, NE/4 NE/4	SEWARD	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 SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	20	31S34W20	31S-34W SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	20	31S34W20	31S-34W SECTION 20: S/2 NE/4, SE/4	SEWARD	2
30250000	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	BEN F. BLACK	1/14/1946	75	220	31S	34W	20	31S34W20	31S-34W SECTION 20: N/2 NE/4	SEWARD	2



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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 SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	21	31S34W21	31S-34W SECTION 21: S/4 NW/4, SW/4, W/2 NW/4	SEWARD	2
30213000	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	FRED C. KOCH	5/1/1944	1	615	31S	34W	22	31S34W22	31S-34W SECTION 22: W/2 NW/4	SEWARD	2
30251000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION	FRED C. KOCH	4/3/1944	1	603	31S	34W	23	31S34W23	31S-34W SECTION 23: SE/4	SEWARD	2, 16
66132000	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
30247003	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	28	31S34W28	31S-34W SECTION 28: E/2 SE/4, SW/4 NE/4	SEWARD	2
30247002	LEASE - OIL AND GAS	ADAM O. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	3/9/1900	69	61	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
30206000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	187	31S	34W	29	31S34W29	31S-34W SECTION 29: E/2 SE/4	SEWARD	2
30247001	LEASE - OIL AND GAS	GUARANTY TRUST COMPANY	NORTHERN NATURAL GAS COMPANY	5/31/1946	75	271	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
30247002	LEASE - OIL AND GAS	J. C. RIDENOUR ET UX	NORTHERN NATURAL GAS COMPANY	5/19/1944	69	62	31S	34W	29	31S34W29	31S-34W SECTION 29: N/2 SW/4, SE/4 NW/4	SEWARD	2
30288000	LEASE - OIL AND GAS	FRED M. BEATY ET UX	CITIES SERVICE OIL COMPANY	4/9/1943	47	547	31S	34W	36	31S34W36	31S-34W SECTION 36: E/2	SEWARD	2
30255000	LEASE - OIL AND GAS	ROBERTY, HARLOW ET UX	ALDEN W FOSTER	7/11/1934	44	638	31S	34W	4	31S34W4	31S-34W SECTION 4: W/2 NW/4	SEWARD	2
30260000	LEASE - OIL AND GAS	CHARLES YOUNG ET UX	ALDEN W FOSTER	7/5/1934	44	632	31S	34W	5	31S34W5	31S-34W SECTION 5: N/2 SW/4, S/2 SE/4, SE/4 SW/4, SW/4 SW/4	SEWARD	2
30259000	LEASE - OIL AND GAS	JOHN DAY	ALDEN W FOSTER	7/5/1934	44	629	31S	34W	5	31S34W5	31S-34W SECTION 5: LOT 2, SW/4 NE/4, NW/4 SE/4, NE/4 SE/4	SEWARD	2
30255000	LEASE - OIL AND GAS	ROBERTY, HARLOW ET UX	ALDEN W FOSTER	7/11/1934	44	638	31S	34W	5	31S34W5	31S-34W SECTION 5: LOT 1, SE NE/4	SEWARD	2
30214000	LEASE - OIL AND GAS	FARMERS AND MERCHANTS NATIONAL BANK OF HOOKER, HOOKER, OKLAHOMA	FRED C. KOCH	4/4/1954	1	615	31S	34W	8	31S34W8	31S-34W SECTION 8: E/2 NE/4	SEWARD	2
30244001	LEASE - OIL AND GAS	FRED C. KOCH ET UX	WOOD RIVER OIL & REFINING CO. ET AL	1/17/1947	75	514	31S	34W	8	31S34W8	31S-34W SECTION 8: S/2 SW/4	SEWARD	2
30252000	LEASE - OIL AND GAS	SANTA FE ENERGY COMPANY	ANADARKO PETROLEUM CORPORATION	12/10/1987	389	520	31S	34W	9	31S34W9	31S-34W SECTION 9: W/2 NE/4	SEWARD	2
30253001	LEASE - OIL AND GAS	SANTA FE ENERGY COMPANY	ANADARKO PETROLEUM CORPORATION	12/10/1987	389	523	31S	34W	9	31S34W9	31S-34W SECTION 9: E/2 NE/4	SEWARD	2
30253002	LEASE - OIL AND GAS	SANTA FE ENERGY RESOURCES INC.	ANADARKO PETROLEUM CORPORATION	1/14/1989	412	211	31S	34W	9	31S34W9	31S-34W SECTION 9: E/2 NE/4	SEWARD	2
30376000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	1/17/1944	14	521	31S	38W	10	31S38W10	31S-38W SECTION 10: SE/4 SE/4	STEVENS	2
30377000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	1/17/1944	14	521	31S	38W	15	31S38W15	31S-38W SECTION 15: W/2 NE/4	STEVENS	2
57277000	LEASE - OIL AND GAS	E. B. MCKAY ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/29/1937	8	435	31S	38W	17	31S38W17	31S-38W SECTION 17: SW/4	STEVENS	2
84256000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	229	31S	38W	18	31S38W18	31S-38W SECTION 18: LOTS 3, 4, E/2 SW/4	STEVENS	2
62814000	LEASE - OIL AND GAS	WILLIAM J. SEIGEL ET AL	L. O. STANLEY	4/9/1942	11	257	31S	38W	18	31S38W18	31S-38W SECTION 18: LOTS 1, 2, E/2 NW/4	STEVENS	2

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30365003	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	361	31S	38W	19	3153BW19	31S-38W SECTION 19: W/2 SE/4	STEVENS	2
67271003	LEASE - OIL AND GAS	MARSHA L. REYNOLDS	D. D. HARRINGTON	5/4/1945	13	427	31S	38W	19	3153BW19	31S-38W SECTION 19: ALL	STEVENS	2
30365001	LEASE - OIL AND GAS	R. M. SHAW	D. D. HARRINGTON	5/23/1945	13	467	31S	38W	19	3153BW19	31S-38W SECTION 19: NE/4	STEVENS	2
67271002	LEASE - OIL AND GAS	A. T. SPIKES ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/2/1937	8	445	31S	38W	20	3153BW20	31S-38W SECTION 20: E/2 NW/4	STEVENS	2
84255000	LEASE - OIL AND GAS	KANSAS UNIV ENDOWMENT ASSOC	A. C. MOORHEAD	11/6/1942	11	329	31S	38W	20	3153BW20	31S-38W SECTION 20: SW/4	STEVENS	2
30370000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	21	3153BW21	31S-38W SECTION 21: NW/4 SE/4, SE/4 SW/4, SW/4 NE/4	STEVENS	2
67272000	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	29	3153BW29	31S-38W SECTION 29: SW/4 NW/4, N/2 SW/4, N/2 NE/4, N/2 NW/4, N/2 NE/4, S/2 NW/4, S/2 NE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	J. D. WALKER ET UX	JOE E. DENHAM	7/29/1943	13	139	31S	38W	29	3153BW29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
30370004	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	401	31S	38W	29	3153BW29	31S-38W SECTION 29: N/2 SW/4, N/2 NE/4, SW/4 SW/4, SE/4, NE/4 NW/4, S/2 NW/4	STEVENS	2
67281003	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	3153BW29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
28386001	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	3153BW29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
28386002	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	3153BW29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
28386003	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	38W	29	3153BW29	31S-38W SECTION 29: S/2 NE/4	STEVENS	2
30380000	LEASE - OIL AND GAS	R. L. SMITH	JOE E. DENHAM	9/6/1943	12	303	31S	38W	29	3153BW29	31S-38W SECTION 29: NW/4 NW/4	STEVENS	2
67278000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	29	3153BW29	31S-38W SECTION 29: SE/4 SW/4	STEVENS	2
30370000	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	29	3153BW29	31S-38W SECTION 29: SE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	30	3153BW30	31S-38W SECTION 30: SE/4 SE/4, NE/4, N/2 SE/4	STEVENS	2
30370001	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	403	31S	38W	30	3153BW30	31S-38W SECTION 30: W/2 NE/4, N/2 SE/4, SE/4 SE/4	STEVENS	2
67281004	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	30	3153BW30	31S-38W SECTION 30: SW/4 SE/4	STEVENS	2
30370002	LEASE - OIL AND GAS	HATTIE KIGHT ET AL	D. D. HARRINGTON	5/19/1945	13	567	31S	38W	31	3153BW31	31S-38W SECTION 31: SW/4, SW/4 NE/4, SE/4 NW/4, S/2 NW/4, NW/4 NW/4, NW/4, NE/4 NW/4, N/2 NE/4	STEVENS	2
30370001	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	405	31S	38W	31	3153BW31	31S-38W SECTION 31: SW/4, SE/4 NW/4, SE/4, S/2 NW/4, NW/4 NW/4, NE/4 NW/4, N/2 NE/4, SW/4 NE/4	STEVENS	2
67270000	LEASE - OIL AND GAS	USA KSNM 09955	T. J. WAGNER JR	11/1/1944	14	521	31S	38W	31	3153BW31	31S-38W SECTION 31: SE/4 NE/4	STEVENS	2
83950000	LEASE - OIL AND GAS	ETTA MARGARET DANIEL ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	12/7/1937	8	398	31S	38W	32	3153BW32	31S-38W SECTION 32: SE/4	STEVENS	2
30370006	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	409	31S	38W	32	3153BW32	31S-38W SECTION 32: SW/4, NE/4	STEVENS	2
67281009	LEASE - OIL AND GAS	W. A. CAVNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	8	385	31S	38W	32	3153BW32	31S-38W SECTION 32: NW/4	STEVENS	2
83947000	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	32	3153BW32	31S-38W SECTION 32: NE/4	STEVENS	2
30370005	LEASE - OIL AND GAS	W. A. CAVNER	D. D. HARRINGTON	5/8/1945	13	441	31S	38W	32	3153BW32	31S-38W SECTION 32: NE/4	STEVENS	2
84250000	LEASE - OIL AND GAS	GUY F. MCCLURE ET UX	TEXAS INTERSTATE PIPE LINE CO.	6/4/1934	7	218	31S	38W	33	3153BW33	31S-38W SECTION 33: SE/4	STEVENS	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitance	Legal Description	County	Footnote
83947000	LEASE - OIL AND GAS	W. A. CANNER	PANHANDLE EASTERN PIPE LINE COMPANY	7/8/1937	8	385	31S	38W	33	31538W33	31S-38W SECTION 33: W/2	STEVENS	2
30407000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	219	31S	38W	7	31538W7	31S-38W SECTION 7: LOTS 1, 2, E/2 NW/4	STEVENS	2
62811000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	223	31S	38W	7	31538W7	31S-38W SECTION 7: LOTS 3, 4, E/2 SW/4	STEVENS	2
62812000	LEASE - OIL AND GAS	SECURITY ELEVATOR COMPANY	L. O. STANLEY	3/20/1942	11	221	31S	38W	7	31538W7	31S-38W SECTION 7: SE/4	STEVENS	2
30340000	LEASE - OIL AND GAS	R. L. SMITH ET AL	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	31S	39W	25	31539W25	31S-39W SECTION 25: S/2	STEVENS	2
84230000	LEASE - OIL AND GAS	ALINE MAHONEY ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	6/23/1939	9	22	31S	39W	26	31539W26	31S-39W SECTION 26: SW/4	STEVENS	2
N/A	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	31S	39W	26	31539W26	31S-39W SECTION 26: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	EMMA PETTIJOHN	PANHANDLE EASTERN PIPE LINE COMPANY	5/1/1940	10	88	31S	39W	3	31539W3	31S-39W SECTION 3: W/2, NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	NONA C. MCCREIGHT ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	316	31S	39W	3	31539W3	31S-39W SECTION 3: SE/4	STEVENS	2
30362000 67266000	LEASE - OIL AND GAS	J. N. CLOSE	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	361	31S	39W	34	31539W34	31S-39W SECTION 34: SW/4 FURTHER LIMITED TO THE WELLBORES OF THE MLP CLOSE A-1 (API 1518922330) AND MLP CLOSE E-1 (API 1518922381)	STEVENS	2
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	31S	39W	34	31539W34	31S-39W SECTION 34: E/2	STEVENS	2
84251000	LEASE - OIL AND GAS	WALTER KUHN ET AL	THE STEVENS OIL & GAS COMPANY	12/28/1939	10	128	31S	39W	35	31539W35	31S-39W SECTION 35: W/2	STEVENS	2
30340000 84230000	LEASE - OIL AND GAS	R. L. SMITH ET AL	STEVENS COUNTY OIL & GAS CO.	12/21/1939	10	129	31S	39W	36	31539W36	31S-39W SECTION 36: N/2	STEVENS	2
30416000	LEASE - OIL AND GAS	CHARLES C. BLACKWELL ET UX	J. FRED LAMBRIGHT INC.	2/18/2004	129	255	31S	39W	4	31539W4	31S-39W SECTION 4: LOTS 1, 2, S/2 NE/4	MORTON	2
N/A	LEASE - OIL AND GAS	GRACIA MITCHELL ET AL	ANADARKO PETROLEUM CORPORATION	6/26/1986	41	188	31S	41W	35	31541W35	31S-41W SECTION 35: E/2	MORTON	1
30200000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	174	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
66142000	LEASE - OIL AND GAS	LEVI HOFFMAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/20/1952	111	595	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
65792000	LEASE - OIL AND GAS	MINNIE Z. ELLIS	PANHANDLE EASTERN PIPE LINE COMPANY	11/12/1953	117	417	32S	33W	6	32533W6	32S-33W SECTION 6: NW/4	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	32S	33W	6	32533W6	32S-33W SECTION 6: NE/4 SW/4, SE/4	SEWARD	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	32S	33W	6	32S33W6	32S-33W SECTION 6: NE1/4 SW1/4, SE1/4	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	32S-33W SECTION 7: E/2 NE1/4, NW1/4 NE1/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAE MI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	SEWARD	2
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	7	32S33W7	32S-33W SECTION 7: NW1/4 NE1/4, E/2 NE1/4	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	32S-33W SECTION 8: SE1/4	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	32S-33W SECTION 8: SW1/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAE MI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	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: SW1/4, SE1/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
28365004	LEASE - OIL AND GAS	SYLVIA M. PRAT ET VIR	NORTHERN NATURAL GAS COMPANY	8/11/1986	593	574	32S	33W	8	32S33W8	32S-33W SECTION 8: SW1/4, SE1/4	SEWARD	2
30310000	LEASE - OIL AND GAS	EMMA THOMPSON HAYS ET VIR	NORTHERN NATURAL GAS COMPANY	5/8/1944	69	56	32S	34W	2	32S34W2	32S-34W SECTION 2: NW1/4	SEWARD	2
30297002	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	NORTHERN NATURAL GAS COMPANY	12/14/1945	43	152	32S	34W	3	32S34W3	32S-34W SECTION 3: E/2 SE1/4, NE1/4, SE1/4	SEWARD	2
30297001	LEASE - OIL AND GAS	J. M. HICKMAN ET UX	NORTHERN NATURAL GAS COMPANY	6/8/1945	75	82	32S	34W	3	32S34W3	32S-34W SECTION 3: NE1/4 SE1/4, SE1/4 SE1/4	SEWARD	2
30394000	LEASE - OIL AND GAS	AGNES B. RUSSELL ET VIR	NORTHERN NATURAL GAS SUPPLY COMPANY	1/7/1946	14	143	32S	35W	28	32S35W28	32S-35W SECTION 28: SW1/4	STEVENS	2
30395000	LEASE - OIL AND GAS	HAZEL MCCULLOUGH ET VIR	NORTHERN NATURAL GAS SUPPLY COMPANY	5/6/1939	10	16	32S	35W	28	32S35W28	32S-35W SECTION 28: NW1/4	STEVENS	2
30393000	LEASE - OIL AND GAS	HORTENSE M. CAMPBELL	NORTHERN NATURAL GAS COMPANY	1/30/1939	9	559	32S	35W	28	32S35W28	32S-35W SECTION 28: NE1/4	STEVENS	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitate	Legal Description	County	Footnote
30392000	LEASE - OIL AND GAS	MARVIN MILLER ET UX	JOE E. DENHAM	5/6/1937	8	345	325	35W	28	32535W28	325-35W SECTION 28: SE/4	STEVENS	2
84004000	LEASE - OIL AND GAS	JULIA E. HECHT ET AL	REPUBLIC NATURAL GAS COMPANY	11/9/1939	9	617	325	37W	19	32537W19	325-37W SECTION 19: LOTS 1, 2, E/2 NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ETHEL B SPRING ET VIR	REPUBLIC NATURAL GAS COMPANY	12/4/1942	11	526	325	37W	29	32537W29	325-37W SECTION 29: NE/4	STEVENS	2
30382000	LEASE - OIL AND GAS	C. A. OLSON ET AL	ARGUS PRODUCTION COMPANY	10/26/1929	H2	299	325	38W	1	32538W1	325-38W SECTION 1: S/2 SE/4	STEVENS	2
84010000	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	371	325	38W	11	32538W11	325-38W SECTION 11: NE/4, SW/4	STEVENS	2
84009000	LEASE - OIL AND GAS	OSCAR C. CRUMP ET UX	D. D. HARRINGTON	5/23/1945	13	515	325	38W	11	32538W11	325-38W SECTION 11: NE/4, SW/4	STEVENS	2
77274000	TERM MINERAL DEED	CLARENCE H. METTS ET UX	ANADARKO PETROLEUM CORPORATION	5/1/1986	234	432	325	38W	12	32538W12	325-38W SECTION 12: N/2	STEVENS	2
84011000	LEASE - OIL AND GAS	E. O. ANDERSON	PANHANDLE EASTERN PIPE LINE COMPANY	2/11/1942	10	337	325	38W	12	32538W12	325-38W SECTION 12: SW/4	STEVENS	2
77275000	TERM MINERAL DEED	HARRY J. METTS ET UX	ANADARKO PETROLEUM CORPORATION	1/1/1986	118	57	325	38W	12	32538W12	325-38W SECTION 12: N/2	STEVENS	2
77273000	TERM MINERAL DEED	MARY M. BARNES	ANADARKO PETROLEUM CORPORATION	6/1/1986	118	427	325	38W	12	32538W12	325-38W SECTION 12: N/2	STEVENS	2
84012000	LEASE - OIL AND GAS	RUBY METTS LOOMAN ET AL	THE TEXAS COMPANY	1/20/1940	10	244	325	38W	12	32538W12	325-38W SECTION 12: N/2	STEVENS	2
84013000	LEASE - OIL AND GAS	ILL BANKERS LIFE ASSURANCE	REPUBLIC NATURAL GAS COMPANY	6/10/1941	10	444	325	38W	13	32538W13	325-38W SECTION 13: NE/4, SW/4	STEVENS	2
84162000	LEASE - OIL AND GAS	SARAH SEVERD	JOE E. DENHAM	8/6/1943	12	123	325	38W	13	32538W13	325-38W SECTION 13: SE/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B SUTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	325	38W	18	32538W18	325-38W SECTION 18: SW/4	STEVENS	2
77261000	TERM MINERAL DEED	WENDELL S. KELLER ET UX	ANADARKO PETROLEUM CORPORATION	9/16/1986	120	105	325	38W	18	32538W18	325-38W SECTION 18: SW/4	STEVENS	2
76907000	LEASE - OIL AND GAS	SALLIE B SUTER	PANHANDLE EASTERN PIPE LINE COMPANY	8/28/1942	11	149	325	38W	19	32538W19	325-38W SECTION 19: NW/4	STEVENS	2
84030000	LEASE - OIL AND GAS	W. E. SPALDING ET AL	D. D. HARRINGTON	5/27/1944	12	437	325	38W	25	32538W25	325-38W SECTION 25: SE/4	STEVENS	2
84198000	LEASE - OIL AND GAS	RICHARD M. STEWART ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1952	23	277	325	38W	28	32538W28	325-38W SECTION 28: SW/4	STEVENS	2
83885000	LEASE - OIL AND GAS	CENTRAL LIFE ASSURANCE SOCIETY	PANHANDLE EASTERN PIPE LINE COMPANY	1/30/1939	9	14	325	38W	30	32538W30	325-38W SECTION 30: SW/4	STEVENS	2
83958000	LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M. J. SULLIVAN	9/16/1937	8	446	325	38W	32	32538W32	325-38W SECTION 32: SE/4	STEVENS	2
83936000	LEASE - OIL AND GAS	CHARLES C. CHAMBERLIN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	9/7/1943	12	299	325	38W	32	32538W32	325-38W SECTION 32: NE/4	STEVENS	2
83872000	LEASE - OIL AND GAS	FRED W. DOLD ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	8/20/1943	12	309	325	38W	33	32538W33	325-38W SECTION 33: N/2 SE/4	STEVENS	2
84165000	LEASE - OIL AND GAS	RAYMOND D. GUSTASON ET UX	JOE E. DENHAM	7/29/1943	12	125	325	38W	33	32538W33	325-38W SECTION 33: NW/4	STEVENS	2
83847000	LEASE - OIL AND GAS	JOHN BANE ET UX	TEXAS INTERSTATE PIPE LINE CO.	6/18/1938	7	477	325	38W	36	32538W36	325-38W SECTION 36: S/2	STEVENS	2
84250000	LEASE - OIL AND GAS	GUY F. MCCLURE ET UX	TEXAS INTERSTATE PIPE LINE CO.	6/4/1934	7	218	325	38W	4	32538W4	325-38W SECTION 4: NE/4	STEVENS	2
30363000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	325	38W	5	32538W5	325-38W SECTION 5: NW/4	STEVENS	2
30362000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	325	38W	5	32538W5	325-38W SECTION 5: NW/4	STEVENS	2
67266000	LEASE - OIL AND GAS	J. N. CLOSE	PANHANDLE EASTERN PIPE LINE COMPANY	12/23/1940	10	361	325	39W	10	32539W10	325-39W SECTION 10: NW/4	STEVENS	2
30363000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	325	39W	11	32539W11	325-39W SECTION 11: NW/4	STEVENS	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30364000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	39W	11	32S39W11	32S-39W SECTION 11: NW/4 SW/4, S/2 SW/4	STEVENS	2
67263000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/18/1942	10	340	32S	39W	11	32S39W11	SECTION 11: NE/4	STEVENS	2
30368000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	57	32S	39W	14	32S39W14	SECTION 14: N/2 NW/4	STEVENS	2
67263000	LEASE - OIL AND GAS	C. O. JERREL ET UX	A. C. MOORHEAD COMPANY	5/20/1943	12	171	32S	39W	14	32S39W14	SECTION 14: SW/4 NE/4, S/2 NW/4, NW/4 SW/4	STEVENS	2
30363000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	32S	39W	15	32S39W15	SECTION 15: NE/4	STEVENS	2
30381000	LEASE - OIL AND GAS	E. V. BARKER ET UX	JOE E. DENHAM	4/21/1944	12	421	32S	39W	15	32S39W15	SECTION 15: SW/4	STEVENS	2
67278000	LEASE - OIL AND GAS	ETHEL B SPRING	PANHANDLE EASTERN PIPE LINE COMPANY	8/17/1948	23	129	32S	39W	15	32S39W15	SECTION 15: SE/4	STEVENS	2
30369000	LEASE - OIL AND GAS	JESSE F. SIMMONS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/1/1943	12	287	32S	39W	15	32S39W15	SECTION 15: NW/4	STEVENS	2
67268000	LEASE - OIL AND GAS	MAUDE H. SIMMONS ET VIR	T. J. WAGNER JR	7/29/1943	12	211	32S	39W	22	32S39W22	SECTION 22: N/2 SE/4	STEVENS	2
84040000	LEASE - OIL AND GAS	W. W. JENKINS ET AL	STANLIND OIL AND GAS COMPANY	11/5/1943	12	551	32S	39W	22	32S39W22	SECTION 22: NW/4	STEVENS	2
84041000	LEASE - OIL AND GAS	G. R. HICKOK ET UX	A. C. MOORHEAD	5/28/1943	12	169	32S	39W	23	32S39W23	SECTION 23: NW/4	STEVENS	2
84051000	LEASE - OIL AND GAS	DORA MOON	T. J. WAGNER JR	12/13/1943	12	549	32S	39W	27	32S39W27	SECTION 27: E/2 SW/4	STEVENS	2
76926000	LEASE - OIL AND GAS	J. C. MOON ET UX	T. J. WAGNER JR	11/16/1943	12	585	32S	39W	27	32S39W27	SECTION 27: W/2 SW/4	STEVENS	2
84044000	TERM MINERAL DEED	LARRY E. KEENAN	ANADARKO PETROLEUM CORPORATION	7/15/1986	234	432	32S	39W	27	32S39W27	SECTION 27: W/2 SW/4	STEVENS	2
77277000	TERM MINERAL DEED	ROBERT P. KEENAN	ANADARKO PETROLEUM CORPORATION	6/30/1986	234	432	32S	39W	27	32S39W27	SECTION 27: W/2 SW/4	STEVENS	2
30363000	LEASE - OIL AND GAS	AMOS V. YOUNGGREN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1945	14	59	32S	39W	3	32S39W3	SECTION 3: NE/4	STEVENS	2
67262000	LEASE - OIL AND GAS	A. R. SWINDLER	JOE E. DENHAM	5/11/1944	11	365	32S	40W	32	32S40W32	SECTION 32: SE/4	MORTON	2
83064000	LEASE - OIL AND GAS	F. J. KULE	JOE E. DENHAM	3/16/1944	11	286	32S	40W	32	32S40W32	SECTION 32: SW/4	MORTON	2
63493000	LEASE - OIL AND GAS	GUY E. SPEAR, ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1951	16	291	32S	41W	14	32S41W14	SECTION 14: NW/4 SW/4	MORTON	1
63286000	LEASE - OIL AND GAS	THE KANSAS UNIVERSITY ENDOWMENT ASSOCIATION	PANHANDLE EASTERN PIPE LINE COMPANY	10/8/1951	16	11	32S	41W	23	32S41W23	SECTION 23: NW/4	MORTON	1
82933000	LEASE - OIL AND GAS	COURTLAND DEAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1959	20	321	32S	41W	3	32S41W3	SECTION 3: LOTS 1 AND 2 AND THE S/2 NE/4	MORTON	1
82933000	LEASE - OIL AND GAS	COURTLAND DEAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1959	20	321	32S	41W	3	32S41W3	SECTION 3: SW/4 NE/4	MORTON	1
82939000	LEASE - OIL AND GAS	MARTIN RUSSELL JOHNS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1951	16	229	32S	41W	3	32S41W3	SECTION 3: S/2	MORTON	1
83495000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	189	33S	31W	30	33S31W30	SECTION 30: LOT 1	SEWARD	2
83625000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	12	33S	31W	30	33S31W30	SECTION 30: E/2	SEWARD	2
83624000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	11	33S	31W	30	33S31W30	SECTION 30: LOTS 2, 3, 4, SE/4 SW/4, NE/4 NW/4, SE/4 NW/4, NE/4 SW/4	SEWARD	2
83672000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	6/28/1963	208	185	33S	31W	31	33S31W31	SECTION 31: E/2 SE/4, SE/4 NE/4	SEWARD	2
83621000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	5	33S	31W	31	33S31W31	SECTION 31: NE/4 NE/4, W/2 E/2	SEWARD	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
83623000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	10	335	31W	31	33531W31	335-31W SECTION 31: LOTS 1, 2, 3, 4, E/2 W/2	SEWARD	2
30277003	LEASE - OIL AND GAS	CONNIE C. DAVIS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	743	335	32W	2	33532W2	335-32W SECTION 2: SW/4	SEWARD	2
30277002	LEASE - OIL AND GAS	F. A. FELLERS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	738	335	32W	2	33532W2	335-32W SECTION 2: SW/4	SEWARD	2
30277001	LEASE - OIL AND GAS	MAIDA DENIO	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	733	335	32W	2	33532W2	335-32W SECTION 2: SW/4	SEWARD	2
83685000	LEASE - OIL AND GAS	BOARD OF COUNTY COMMISSIONERS	WHITESTONE PETROLEUM CORP	2/18/1963	206	515	335	32W	25	33532W25	335-32W SECTION 25: SE/4 SW/4	SEWARD	2
83496000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/17/1944	69	185	335	32W	25	33532W25	335-32W SECTION 25: S/2 NW/4, N/2 NE/4, N/2 NW/4, S/2 NE/4, S/2 SE/4, N/2 SE/4	SEWARD	2
83497000	LEASE - OIL AND GAS	ED F. KELLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/17/1944	69	188	335	32W	25	33532W25	335-32W SECTION 25: N/2 SW/4, SE/4 SW/4	SEWARD	2
30273001	LEASE - OIL AND GAS	BEVERLY H. WALIN ET VIR	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	459	632	335	32W	3	33532W3	335-32W SECTION 3: LOTS 2, 3, 4, S/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4)	SEWARD	2
30277003	LEASE - OIL AND GAS	CONNIE C. DAVIS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	743	335	32W	3	33532W3	335-32W SECTION 3: S/2 NE/2	SEWARD	2
30286002	LEASE - OIL AND GAS	DONNA MARIE WALKER TRUST	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	461	489	335	32W	3	33532W3	335-32W SECTION 3: E/2 SE/4	SEWARD	2
30273003	LEASE - OIL AND GAS	EARL DEAN HEADRICK TRUST	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	905	335	32W	3	33532W3	335-32W SECTION 3: LOTS 2, 3, 4, S/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4)	SEWARD	2
30277002	LEASE - OIL AND GAS	F. A. FELLERS	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	738	335	32W	3	33532W3	335-32W SECTION 3: S/2 NE/2, W/2 SE/4	SEWARD	2
30276000	LEASE - OIL AND GAS	JACK REYNOLDS ET UX	T. S. DUDLEY LAND COMPANY INC.	2/20/1995	460	898	335	32W	3	33532W3	335-32W SECTION 3: SW/4	SEWARD	2
30277001	LEASE - OIL AND GAS	MAIDA DENIO	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	733	335	32W	3	33532W3	335-32W SECTION 3: S/2 NE/2, W/2 SE/4	SEWARD	2
30273002	LEASE - OIL AND GAS	VERNA MAE HEADRICK TRUST	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	900	335	32W	3	33532W3	335-32W SECTION 3: LOTS 2, 3, 4, S/2 NW/4 (ALSO DESCRIBED AS NW/4, NW/4 NE/4)	SEWARD	2
83627000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	25	335	32W	36	33532W36	335-32W SECTION 36: N/2	SEWARD	2
83626000	LEASE - OIL AND GAS	RICE DAVIES ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	7	335	32W	36	33532W36	335-32W SECTION 36: S/2	SEWARD	2
30285000	LEASE - OIL AND GAS	ARKALON GRAZING ASSOCIATION	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	461	499	335	32W	4	33532W4	335-32W SECTION 4: E/2 SE/4	SEWARD	2
30269004	LEASE - OIL AND GAS	CECIL MILHON ET UX	T. S. DUDLEY LAND COMPANY INC.	3/1/1995	460	979	335	32W	4	33532W4	335-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269003	LEASE - OIL AND GAS	PAUL HOAG	T. S. DUDLEY LAND COMPANY INC.	3/2/1995	460	969	335	32W	4	33532W4	335-32W SECTION 4: W/2 SE/4, SW/4, N/2	SEWARD	2
30269001	LEASE - OIL AND GAS	WILLIAM E. HRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HRN	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1061	335	32W	4	33532W4	335-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269002	LEASE - OIL AND GAS	WILLIAM J. STEWART	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	335	32W	4	33532W4	335-32W SECTION 4: SW/4, W/2 SE/4, N/2	SEWARD	2
30269001	LEASE - OIL AND GAS	WILLIAM E. HRN, INDIVIDUALLY AND AS TRUSTEE OF THE TRUST OF WILLIAM E. HRN	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1061	335	32W	9	33532W9	335-32W SECTION 9: ALL	SEWARD	2
30269002	LEASE - OIL AND GAS	WILLIAM J. STEWART	T. S. DUDLEY LAND COMPANY INC.	2/9/1955	459	1069	335	32W	9	33532W9	335-32W SECTION 9: ALL	SEWARD	2
83618000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1954	135	185	335	33W	21	33533W21	335-33W SECTION 21: NW/4	SEWARD	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concarnate	Legal Description	County	Footnote
83619000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1954	135	186	33S	33W	21	33533W21	33S-33W SECTION 21: SW/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/14/1986	593	574	33S	33W	21	33533W21	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	33533W21	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	33533W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/17/1996	593	574	33S	33W	21	33533W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
83593000	LEASE - OIL AND GAS	LEE V. SWAN ET LUX	BEN F. BLACK	1/12/1945	69	511	33S	33W	21	33533W21	33S-33W SECTION 21: NE/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	33S	33W	21	33533W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/17/1996	593	574	33S	33W	21	33533W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
83503000	LEASE - OIL AND GAS	LOTTIE F. ARMSTRONG ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	11/10/1944	69	352	33S	33W	21	33533W21	SECTION 21: SE/4 LESS AND EXCEPT THE WELLBORE OF THE DODD MADDEN A-1-21 WELL, API 1517530012	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	33S	33W	21	33533W21	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	33533W21	33S-33W SECTION 21: NW/4, SW/4	SEWARD	2
28365004	TERM MINERAL DEED	SYLVIA M. PRATT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	33S	33W	21	33533W21	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	33533W25	33S-33W SECTION 25: N/2 NE/4 NE/4, W/2 NE/4	SEWARD	2
30189000	LEASE - OIL AND GAS	ANNIE K. LATTIMER	BEN F. BLACK	1/8/1945	73	541	33S	33W	25	33533W25	33S-33W SECTION 25: SW/4, NW/4, SE/4	SEWARD	2
30181002	LEASE - OIL AND GAS	FEDERAL FARM MORTGAGE CORP	PANHANDLE EASTERN PIPE LINE COMPANY	6/12/1950	102	263	33S	33W	25	33533W25	33S-33W SECTION 25: S/2 NE/4 NE/4	SEWARD	2
30191000	LEASE - OIL AND GAS	L. A. PHILLIPS ET LUX	BEN F. BLACK	12/1/1945	75	213	33S	33W	25	33533W25	33S-33W SECTION 25: W/2 NW/4	SEWARD	2
30190000	LEASE - OIL AND GAS	LOTTIE PIEHLER ET AL	BEN F. BLACK	2/15/1945	73	459	33S	33W	25	33533W25	33S-33W SECTION 25: NE/4 SE/4, S/2 SE/4, SE/4 NE/4	SEWARD	2
30181001	LEASE - OIL AND GAS	ROLLAND JACQUART ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	6/12/1950	102	54	33S	33W	25	33533W25	33S-33W SECTION 25: S/2 NE/4 NE/4	SEWARD	2
83577000	LEASE - OIL AND GAS	DAISY V. HEARD ET LUX	BEN F. BLACK	12/5/1944	69	508	33S	33W	26	33533W26	33S-33W SECTION 26: SE/4	SEWARD	2
30158000	LEASE - OIL AND GAS	CLIFFORD H. BROWNE ET LUX	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1944	69	431	33S	33W	27	33533W27	33S-33W SECTION 27: NE	SEWARD	2, 17
83579000	LEASE - OIL AND GAS	GERTRUDE BARTON	BEN F. BLACK	1/15/1945	73	427	33S	33W	27	33533W27	33S-33W SECTION 27: SE/4	SEWARD	2
83578000	LEASE - OIL AND GAS	IDA M. GARY ET AL	JOHN M. FRANKLIN	10/23/1944	69	579	33S	33W	27	33533W27	33S-33W SECTION 27: W/2	SEWARD	2
83578000	LEASE - OIL AND GAS	IDA M. GARY ET AL	JOHN M. FRANKLIN	10/23/1944	69	579	33S	33W	28	33533W28	33S-33W SECTION 28: SE/4	SEWARD	2
83634000	LEASE - OIL AND GAS	A. B. GRISHAM ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/9/1958	169	275	33S	33W	34	33533W34	33S-33W SECTION 34: SW/4	SEWARD	2
83632000	LEASE - OIL AND GAS	IDA CAMERON	PANHANDLE EASTERN PIPE LINE COMPANY	4/2/1958	169	54	33S	33W	34	33533W34	33S-33W SECTION 34: SW/4	SEWARD	2
83633000	LEASE - OIL AND GAS	LAUREL A. MARCH ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	3/31/1958	169	56	33S	33W	34	33533W34	33S-33W SECTION 34: SW/4	SEWARD	2
83631000	LEASE - OIL AND GAS	ROSS FRAM ET LUX	PANHANDLE EASTERN PIPE LINE COMPANY	3/18/1958	166	687	33S	33W	34	33533W34	33S-33W SECTION 34: SW/4	SEWARD	2



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concantonate	Legal Description	County	Footnote
83493000	LEASE - OIL AND GAS	W. G. HARDEN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1944	69	170	335	33W	34	33533W34	335-33W SECTION 34: N/2	SEWARD	2
30192000	LEASE - OIL AND GAS	ROSS FRAM ET UX	BEN F. BLACK	12/9/1944	73	326	335	33W	35	33533W35	335-33W SECTION 35: S/2	SEWARD	2
83564000	LEASE - OIL AND GAS	W. E. SALLEY ET UX	BEN F. BLACK	4/18/1946	75	236	335	33W	35	33533W35	335-33W SECTION 35: NW/4	SEWARD	2
30206000	LEASE - OIL AND GAS	CARL W. MORGAN ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/19/1954	135	182	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365005	TERM MINERAL DEED	CHARLES H. MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365003	TERM MINERAL DEED	CONNIE MORGAN SHAW	ANADARKO PETROLEUM CORPORATION	8/5/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365008	TERM MINERAL DEED	HARLEY MORGAN	ANADARKO PETROLEUM CORPORATION	8/27/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365002	TERM MINERAL DEED	KIMBERLY K. M. DAEMI ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365007	TERM MINERAL DEED	LEOLA L. STALEY	ANADARKO PETROLEUM CORPORATION	9/16/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365001	TERM MINERAL DEED	LINDA M. BAUNHOFER ET VIR	ANADARKO PETROLEUM CORPORATION	8/1/1996	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
30157000	LEASE - OIL AND GAS	MARY N. EITZOLD	PANHANDLE EASTERN PIPE LINE COMPANY	8/26/1944	69	124	335	33W	9	33533W9	335-33W SECTION 9: SW/4	SEWARD	2
28364000	TERM MINERAL DEED	NANCY BALLINGER ET VIR ET AL	ANADARKO PETROLEUM CORPORATION	6/30/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365006	TERM MINERAL DEED	STEPHEN MORGAN	ANADARKO PETROLEUM CORPORATION	8/4/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
28365004	TERM MINERAL DEED	SYLVIA M. PRAT ET VIR	ANADARKO PETROLEUM CORPORATION	8/11/1986	593	574	335	33W	9	33533W9	335-33W SECTION 9: S/2 NW/4	SEWARD	2
30175000	LEASE - OIL AND GAS	HAZEL LUCILLE JONES ET VIR	FRED C. KOCH	4/9/1944	1	620	335	34W	10	33534W10	335-34W 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	335	34W	15	33534W15	335-34W SECTION 15: NW/4, NE/4, SE/4, SW/4, NE/4, W/2	SEWARD	2, 14
83522000	LEASE - OIL AND GAS	CECIL G. MELTON ET UX	FRANK PARKES	9/23/1942	64	251	335	34W	18	33534W18	335-34W SECTION 18: SW/4	SEWARD	2
83518000	LEASE - OIL AND GAS	D. W. MCGEE ET UX	FRANK PARKES	3/4/1942	64	238	335	34W	18	33534W18	335-34W SECTION 18: N/2, SE/4	SEWARD	2
30174000	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	FRED C. KOCH	4/24/1944	1	613	335	34W	2	33534W2	335-34W SECTION 2: S/2	SEWARD	2
30164000	LEASE - OIL AND GAS	GUY S. SPARKMAN ET UX	CITIES SERVICE OIL COMPANY	4/21/1943	47	552	335	34W	2	33534W2	335-34W SECTION 2: NW/4	SEWARD	2
83526000	LEASE - OIL AND GAS	GLEN MARCELLUS ET UX	CITIES SERVICE OIL COMPANY	4/24/1943	47	551	335	34W	23	33534W23	335-34W 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	335	34W	23	33534W23	335-34W 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	335	34W	25	33534W25	335-34W SECTION 25: NW/4	SEWARD	2
30220000	LEASE - OIL AND GAS	THEOPHILUS A. HACKER, OTHERWISE KNOWN AS T. A. HACKER AND ROBERTA HACKER, HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/4/1949	85	318	335	34W	26	33534W26	335-34W SECTION 26: W/2	SEWARD	2
30222000	LEASE - OIL AND GAS	ANNA GUTTRIDGE	PANHANDLE EASTERN PIPE LINE COMPANY	6/11/1949	85	315	335	34W	27	33534W27	335-34W SECTION 27: S/2 NW/4	SEWARD	2, 15
30221000	LEASE - OIL AND GAS	CLARENCE M. NIX ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	7/22/1949	85	325	335	34W	27	33534W27	335-34W SECTION 27: N/2 SW/4, SE/4 SW/4, SW/4 SW/4	SEWARD	2, 15
30167000	LEASE - OIL AND GAS	HENRY GUTTRIDGE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/10/1949	85	313	335	34W	27	33534W27	335-34W 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	335	34W	27	33534W27	335-34W SECTION 27: E/2	SEWARD	2, 15

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
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
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
83520000	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
83523000	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
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
83550000	LEASE - OIL AND GAS	C. E. HOWLAND ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/26/1949	85	351	33S	34W	30	33S34W30	33S-34W SECTION 30: SE/4	SEWARD	2
83741000	LEASE - OIL AND GAS	HENRY F. GUTTRIDGE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/10/1949	85	311	33S	34W	30	33S34W30	33S-34W SECTION 30: NE/4	SEWARD	2
83594000	LEASE - OIL AND GAS	JOHN W. FULLER ET UX	NORTHERN NATURAL GAS COMPANY	4/10/1946	75	259	33S	34W	30	33S34W30	33S-34W SECTION 30: Lot 3, 4, E/2 SW/4	SEWARD	2
83547000	LEASE - OIL AND GAS	MARY A. FULLER	FRANK PARKES	3/3/1942	64	227	33S	34W	30	33S34W30	33S-34W SECTION 30: NW/4	SEWARD	2
83537000	LEASE - OIL AND GAS	ALBERT E. FINCHAM ET UX	CITIES SERVICE OIL COMPANY	6/25/1943	47	329	33S	34W	33	33S34W33	33S-34W SECTION 33: NW/4	SEWARD	2, 19
83538000	LEASE - OIL AND GAS	JOSEPHINE G. ALEXANDER ET VIR	E. L. BRADLEY	6/19/1945	73	215	33S	34W	33	33S34W33	33S-34W SECTION 33: SE/4	SEWARD	2, 19
83518000	LEASE - OIL AND GAS	D. W. MCGEE ET UX	FRANK PARKES	3/4/1942	64	238	33S	34W	7	33S34W7	33S-34W SECTION 7: SE/4	SEWARD	2
84202000	LEASE - OIL AND GAS	MABEL G. GRUNE ET VIR	NORTHERN NATURAL GAS COMPANY	11/26/1947	23	73	33S	35W	25	33S35W25	33S-35W SECTION 25: N/2 SW/4	STEVENS	2
84203000	LEASE - OIL AND GAS	RALPH M. HEATH ET UX	NORTHERN NATURAL GAS COMPANY	1/5/1948	23	81	33S	35W	25	33S35W25	33S-35W SECTION 25: S/2 SW/4, SE/4	STEVENS	2
84201000	LEASE - OIL AND GAS	ROBERT GROTHE ET UX	NORTHERN NATURAL GAS COMPANY	3/18/1946	14	155	33S	35W	25	33S35W25	33S-35W SECTION 25: NW/4	STEVENS	2
84200000	LEASE - OIL AND GAS	W. H. MYRICK ET UX	NORTHERN NATURAL GAS COMPANY	3/15/1951	23	367	33S	35W	25	33S35W25	33S-35W SECTION 25: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MAE S. SUMMERS ET AL	NORTHERN NATURAL GAS COMPANY	11/27/1942	11	347	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
30397000	LEASE - OIL AND GAS	STELLA I. SIMPSON	NORTHERN NATURAL GAS COMPANY	5/11/1939	10	5	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	WESTERN PRODUCTION COMPANY	9/11/1930	10	5	33S	36W	6	33S36W6	33S-36W SECTION 6: SW/4	STEVENS	2
84348000	LEASE - OIL AND GAS	CLARA P. RATCLIFF ET AL	TEXAS INTERSTATE PIPE LINE CO.	10/16/1936	7	585	33S	37W	18	33S37W18	33S-37W SECTION 18: W/2	STEVENS	2
83853000	LEASE - OIL AND GAS	CLARA R. RATCLIFF	TEXAS INTERSTATE PIPE LINE CO.	11/9/1935	7	418	33S	37W	18	33S37W18	33S-37W SECTION 18: SE/4	STEVENS	2
83953000	LEASE - OIL AND GAS	ELIZABETH M. WATKINS	PANHANDLE EASTERN PIPE LINE COMPANY	9/19/1938	9	11	33S	37W	18	33S37W18	33S-37W SECTION 18: NE/4	STEVENS	2
84355000	LEASE - OIL AND GAS	DON LILLY ET UX	ORVILLE H. PARKER	3/13/1940	9	134	33S	37W	19	33S37W19	33S-37W SECTION 19: NE/4	STEVENS	2
84364000	LEASE - OIL AND GAS	ZOLA NEVA NELL ET VIR	ORVILLE H. PARKER	2/28/1940	9	147	33S	37W	19	33S37W19	33S-37W SECTION 19: NW/4	STEVENS	2
83838000	LEASE - OIL AND GAS	R. M. CRAWFORD	FRED PHILLIPS	6/1/1926	1	324	33S	37W	31	33S37W31	33S-37W SECTION 31: SW/4	STEVENS	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
84057000	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	D. D. HARRINGTON	11/20/1943	12	537	33S	37W	9	33S37W9	33S-37W SECTION 9: SW/4 AS FURTHER DESCRIBED IN METES AND BOUNDS IN SAID LEASE	STEVENS	2
84056000	LEASE - OIL AND GAS	H. C. STURGEON ET AL	A. C. MOORHEAD	6/7/1973	11	631	33S	37W	9	33S37W9	33S-37W SECTION 9: ALL THAT PART OF THE SW/4 LYING NORTH OF THE RIGHT OF WAY OF THE D. C. & C. V. RW COMPANY, AS IT IS NOW SITUATE ACROSS SAID QUARTER SECTION	STEVENS	2
83870000	LEASE - OIL AND GAS	R. B. LOFLIN	EDW B. MCKENNA	10/28/1927	1	443	33S	38W	1	33S38W1	33S-38W SECTION 1: SE/4	STEVENS	2, 24
83863000	LEASE - OIL AND GAS	R. B. LOFLIN	EDW B. MCKENNA	10/28/1927	1	442	33S	38W	1	33S38W1	33S-38W SECTION 1: NE/4	STEVENS	2, 24
62231000	LEASE - OIL AND GAS	BRUCE SMITH ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/27/1943	11	593	33S	38W	11	33S38W11	33S-38W SECTION 11: NE/4	STEVENS	2
83856000	LEASE - OIL AND GAS	CENTRAL LIFE ASSURANCE SOCIETY	PANHANDLE EASTERN PIPE LINE COMPANY	9/5/1940	9	42	33S	38W	11	33S38W11	33S-38W SECTION 11: NW/4	STEVENS	2
67759000	LEASE - OIL AND GAS	L. M. MILLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/13/1943	12	163	33S	38W	11	33S38W11	33S-38W SECTION 11: E/2 SE/4	STEVENS	2
63472000	LEASE - OIL AND GAS	L. M. MILLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/13/1943	12	165	33S	38W	11	33S38W11	33S-38W SECTION 11: W/2 SE/4	STEVENS	2
83857000	LEASE - OIL AND GAS	W. F. RAMEY ET UX	EDW B. MCKENNA	10/29/1927	1	465	33S	38W	11	33S38W11	33S-38W SECTION 11: SW/4	STEVENS	2
30348000	LEASE - OIL AND GAS	BRUCE SMITH ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/27/1943	11	591	33S	38W	12	33S38W12	33S-38W SECTION 12: NW/4	STEVENS	2, 22
62232000	LEASE - OIL AND GAS	E. O. SQUIRE ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/9/1944	12	419	33S	38W	12	33S38W12	33S-38W SECTION 12: SW/4	STEVENS	2, 22
63139000	LEASE - OIL AND GAS	VERA SIMPSON ET AL	J. E. DENHAM	7/26/1943	12	115	33S	38W	12	33S38W12	33S-38W SECTION 12: SE/4	STEVENS	2, 22
84366000	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	ORVILLE H. PARKER	3/15/1940	10	140	33S	38W	13	33S38W13	33S-38W SECTION 13: SE/4	STEVENS	2, 25
63590000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	207	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
84343000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	207	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63590000	LEASE - OIL AND GAS	ARTHUR FRIEDMAN ET AL	ALF M. LANDON	5/5/1947	14	595	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63585000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63578000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	281	33S	38W	13	33S38W13	33S-38W SECTION 13: W/2	STEVENS	2, 25
63583000	LEASE - OIL AND GAS	E. W. GOEBEL ET UX	GILBERT WOOD	2/2/1945	14	43	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63589000	LEASE - OIL AND GAS	J. G. CATLETT INC	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	203	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
63582000	LEASE - OIL AND GAS	JIM BILL ROYALTY COMPANY	GILBERT WOOD	6/21/1945	14	29	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
63582000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63577000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	65	33S	38W	13	33S38W13	33S-38W SECTION 13: W/2	STEVENS	2, 25

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitance	Legal Description	County	Footnote
6358000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
63581000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/90/1947	23	29	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
63586000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/90/1947	23	29	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
63591000	LEASE - OIL AND GAS	PHILIP SHELL ET AL	JOE E. DENHAM	9/8/1943	12	147	33S	38W	13	33S38W13	33S-38W SECTION 13: NE/4	STEVENS	2, 25
63579000	LEASE - OIL AND GAS	R. E. MCKEE ET UX	GILBERT WOOD	6/6/1945	14	39	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
77284000	TERM MINERAL DEED	ROSE L. FRIEDMAN	ANADARKO PETROLEUM CORPORATION	12/1/1986	121	60	33S	38W	13	33S38W13	33S-38W SECTION 13: SW/4	STEVENS	2, 25
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	31	33S	38W	13	33S38W13	33S-38W SECTION 13: NW/4	STEVENS	2, 25
84079000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	209	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63590000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/1/1949	23	207	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
84343000	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63585000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/90/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/90/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63585000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/90/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
76965000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/90/1947	23	31	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63578000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	281	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
84328000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
84326000	LEASE - OIL AND GAS	DOSS OIL ROYALTY-COMPANY	GILBERT WOOD	2/7/1945	14	27	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63583000	LEASE - OIL AND GAS	E. W. GOEBEL ET UX	GILBERT WOOD	2/2/1945	14	43	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
84077000	LEASE - OIL AND GAS	FIDELITY ROYALTY CO. ET AL	GILBERT WOOD	1/4/1945	14	23	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4, NE/4	STEVENS	2
84080000	LEASE - OIL AND GAS	JOSEPH WITTMAN	PANHANDLE EASTERN PIPE LINE COMPANY	12/12/1941	11	37	33S	38W	14	33S38W14	33S-38W SECTION 14: SE/4	STEVENS	2
63582000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
63582000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
76966000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63582000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
63577000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	65	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
6358000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
63591000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: NE/4	STEVENS	2
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63596000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
63596000	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	33	33S	38W	14	33S38W14	33S-38W SECTION 14: SW/4	STEVENS	2
84078000	LEASE - OIL AND GAS	UNITED PRODUCING COMPANY INC	GILBERT WOOD	1/11/1945	14	37	33S	38W	14	33S38W14	33S-38W SECTION 14: NW/4, NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	15	33S38W15	SECTION 15: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ALF M. LANDON ET AL	ANADARKO PRODUCTION COMPANY	4/10/1961	23	454	33S	38W	15	33S38W15	SECTION 15: SE/4	STEVENS	2
63585000	LEASE - OIL AND GAS	BELLA B. BROIDO ET AL	ALF M. LANDON	7/30/1947	23	31	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
76965000	LEASE - OIL AND GAS	D. D. HARRINGTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/16/1945	14	279	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63592000	LEASE - OIL AND GAS	L. B. JACKSON ET UX	GILBERT WOOD	1/11/1945	14	41	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
76966000	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	15	33S38W15	33S-38W SECTION 15: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MACK GREENWOOD ET UX	T. J. WAGNER JR	10/19/1944	14	67	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63588000	LEASE - OIL AND GAS	MONARCH ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	25	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63591000	LEASE - OIL AND GAS	O. G. BITLER ET UX	GILBERT WOOD	1/11/1945	14	45	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
76964000	LEASE - OIL AND GAS	PHILIP FRIEDMAN ET AL	ALF M. LANDON	7/30/1947	23	29	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
63596000	LEASE - OIL AND GAS	STATE LIFE INSURANCE COMPANY	JOE E. DENHAM	6/23/1944	12	467	33S	38W	15	33S38W15	33S-38W SECTION 15: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	TOKLAN ROYALTY CORPORATION	GILBERT WOOD	1/11/1945	14	35	33S	38W	15	33S38W15	33S-38W SECTION 15: SE/4	STEVENS	2
84329000	LEASE - OIL AND GAS	W. C. LIGHT ET UX	JOE E. DENHAM	10/18/1943	12	159	33S	38W	15	33S38W15	33S-38W SECTION 18: SW/4	STEVENS	2
30327000	LEASE - OIL AND GAS	J. R. FATZER	REPUBLIC NATURAL GAS COMPANY	1/15/1943	11	401	33S	38W	18	33S38W18	33S-38W SECTION 18: SE/4	STEVENS	2
30318000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	THE AGATE OIL & GAS COMPANY	2/24/1930	3	448	33S	38W	19	33S38W19	33S-38W SECTION 19: NW/4	STEVENS	2
83860000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	1	441	33S	38W	2	33S38W2	33S-38W SECTION 2: NW/4	STEVENS	2
83868000	LEASE - OIL AND GAS	W. M. GUYER ET UX	EDW B. MCKENNA	10/28/1927	1	440	33S	38W	2	33S38W2	33S-38W SECTION 2: SW/4	STEVENS	2
84363000	LEASE - OIL AND GAS	W. E. SERIGHT ET UX	ORVILLE H. PARKER	3/8/1940	10	141	33S	38W	24	33S38W24	33S-38W SECTION 24: NE/4	STEVENS	2
30319000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	SATURN OIL & GAS COMPANY	3/7/1935	7	232	33S	38W	30	33S38W30	33S-38W SECTION 30: SE/4	STEVENS	2
30329000	LEASE - OIL AND GAS	LUCY E CRAIG ET AL	D. D. HARRINGTON	7/7/1945	13	621	33S	38W	30	33S38W30	33S-38W SECTION 30: NE/4	STEVENS	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
30328000	LEASE - OIL AND GAS	W. C. LIGHT ET UX	T. J. WAGNER JR	8/6/1943	12	575	335	38W	30	3353BW30	335-38W SECTION 30: W/2	STEVENS	2
28378001	TERM MINERAL DEED	HERMAN T. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	335	38W	32	3353BW32	335-38W SECTION 32: SW/4	STEVENS	2
28378002	TERM MINERAL DEED	JOHN H. RATZLAFF	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	335	38W	32	3353BW32	335-38W SECTION 32: SW/4	STEVENS	2
28378003	TERM MINERAL DEED	LAVERDA MARIE HELWIG	ANADARKO PETROLEUM CORPORATION	1/1/1986	234	432	335	38W	32	3353BW32	335-38W SECTION 32: SW/4	STEVENS	2
30334000	LEASE - OIL AND GAS	NETTIE RATZLAFF ET AL	H. D. TAYLOR	8/13/1943	12	137	335	38W	32	3353BW32	335-38W SECTION 32: SW/4	STEVENS	2
84159000	LEASE - OIL AND GAS	DALE PERRILLET AL	REPUBLIC NATURAL GAS COMPANY	11/8/1944	13	89	335	38W	36	3353BW36	335-38W SECTION 36: S/2 SE/4	STEVENS	2
83840000	LEASE - OIL AND GAS	HERS OF R. M. CRAWFORD ESTATE	HOWARD H. SIDWELL AGENT	7/6/1944	12	499	335	38W	36	3353BW36	335-38W SECTION 36: N2 SE/4	STEVENS	2
83958000	LEASE - OIL AND GAS	AMOS VINCENT YOUNGGREN	M. J. SULLIVAN	9/16/1937	8	446	335	38W	4	3353BW4	SECTION 4: A PART OF THE NW/4, MORE SPECIFICALLY DESCRIBED IN SAID LEASE	STEVENS	2
84063000	LEASE - OIL AND GAS	BERTHA A. PERRY	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1946	14	423	335	38W	4	3353BW4	SECTION 4: SOUTH 109.5 ACRES OF THE NE/4	STEVENS	2
84064000	LEASE - OIL AND GAS	J. N. PERRY ET UX	T. J. WAGNER JR	7/26/1943	12	189	335	38W	4	3353BW4	SECTION 4: SE/4	STEVENS	2
83970000	LEASE - OIL AND GAS	PEARL R. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	23	271	335	38W	4	3353BW4	SECTION 4: A PART OF THE NORTHEAST QUARTER (NE/4) OF SECTION 4; TOWNSHIP 33 SOUTH, RANGE 38 WEST OF THE 6TH P.M. STEVENS COUNTY, KANSAS, MORE SPECIFICALLY DESCRIBED AS FOLLOWS, TO WIT: BEGINNING AT THE NORTHWEST CORNER OF SAID NORTHEAST QUARTER (NE/4) OF SECTION 4, THENCE SOUTHWEST ALONG THE WEST LINE OF SAID NORTHEAST QUARTER (NE/4) OF SAID SECTION A DISTANCE OF 833.25 FEET; THENCE EAST ADJUSTANCE OF 914.85 FEET; THENCE NORTH A DISTANCE OF 833.25 FEET TO THE NORTH LINE OF SAID NORTHEAST QUARTER (NE/4) OF SAID SECTION; THENCE WEST ALONG THE NORTH LINE OF SAID QUARTER SECTION A DISTANCE OF 914.85 FEET TO THE PLACE OF BEGINNING, SAID TRACT CONTAINING 17.172 ACRES, MORE OR LESS.	STEVENS	2
83867000	LEASE - OIL AND GAS	PEARL R. RICH	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1952	23	269	335	38W	4	3353BW4	A PART OF THE NE/4 OF SECTION 4, CONTAINING 33 ACRES; BEGINNING AT A POINT ON THE NORTH LINE OF SAID NE/4 OF SECTION 4 A DISTANCE OF 914.85 FEET EAST OF THE NW/4 OF NE/4 OF SECTION, THENCE EAST ALONG THE NORTH LINE OF SAID QTR TO THE NE/4 OF SECTION 4, THENCE SOUTH ALONG EAST LINE OF SECTION A DISTANCE OF 833.25 FEET, THENCE WEST ACROSS SAID SECTION 914.85 FEET EAST OF THE WEST LINE OF NE/4, THENCE NORTH TO POB.	STEVENS	2
84076000	LEASE - OIL AND GAS	HARRY V. TROUP ET UX	T. J. WAGNER JR	3/28/1944	12	627	335	38W	9	3353BW9	335-38W SECTION 9: NE/4	STEVENS	2
84075000	LEASE - OIL AND GAS	J. N. PERRY ET UX	T. J. WAGNER JR	7/26/1943	12	191	335	38W	9	3353BW9	335-38W SECTION 9: NW/4	STEVENS	2
83861000	LEASE - OIL AND GAS	J. S. MILLER ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	9/2/1941	10	339	335	38W	9	3353BW9	335-38W SECTION 9: SE/4	STEVENS	2



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N/A	LEASE - OIL AND GAS	E. LESTER ET UX	REPUBLIC NATURAL GAS COMPANY	5/31/1941	10	441	33S	39W	1	33S39W1	33S-39W SECTION 1: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	J. A. CHRISTOPHER ET UX	THE ARGUS PRODUCTION COMPANY	3/6/1930	3	547	33S	39W	10	33S39W10	33S-39W SECTION 10: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	HELEN BROOKS HALL ET VIR	REPUBLIC NATURAL GAS COMPANY	7/5/1941	10	446	33S	39W	11	33S39W11	33S-39W SECTION 11: NW/4	STEVENS	2
82971000	LEASE - OIL AND GAS	JESS DAVIDSON, ST. AL.	A. C. MOORHEAD	4/15/1943	9	344	33S	39W	18	33S39W18	33S-39W SECTION 18: NW/4	MORTON	2
30322000	LEASE - OIL AND GAS	W. S. MORGAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	11/20/1942	11	152	33S	39W	23	33S39W23	33S-39W SECTION 23: NW/4	STEVENS	2
30320000	LEASE - OIL AND GAS	JOHN A. GREGORY ET UX	THE AGATE OIL & GAS COMPANY	2/24/1930	4	427	33S	39W	24	33S39W24	33S-39W SECTION 24: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	G. L. HAYWARD ET UX	A. C. MOORHEAD	4/13/1943	12	22	33S	39W	3	33S39W3	33S-39W SECTION 3: NW/4	STEVENS	2
82971000	LEASE - OIL AND GAS	JESS DAVIDSON, ST. AL.	A. C. MOORHEAD	4/15/1943	9	344	33S	39W	7	33S39W7	33S-39W SECTION 7: SW/4	MORTON	2
N/A	LEASE - OIL AND GAS	G. L. HAYWARD ET UX	REPUBLIC NATURAL GAS COMPANY	4/27/1943	9	338	33S	39W	9	33S39W9	33S-39W SECTION 9: SE/4	MORTON	2
30132000	LEASE - OIL AND GAS	H. C. BOWKER	JOE E. DENHAM	7/14/1943	10	293	33S	40W	6	33S40W6	33S-40W SECTION 6: SW/4	MORTON	2
30132000	LEASE - OIL AND GAS	H. C. BOWKER	JOE E. DENHAM	7/14/1943	10	293	33S	40W	6	33S40W6	33S-40W SECTION 6: SW/4	MORTON	2
30133000	LEASE - OIL AND GAS	JOHN W. SNYDER ET UX	JOE E. DENHAM	3/20/1944	11	280	33S	40W	6	33S40W6	33S-40W SECTION 6: SE/4	MORTON	2
30133000	LEASE - OIL AND GAS	JOHN W. SNYDER ET UX	JOE E. DENHAM	3/20/1944	11	280	33S	40W	6	33S40W6	33S-40W SECTION 6: SE/4	MORTON	2
30144000	LEASE - OIL AND GAS	USA KSNM 67923	MATAGORDA ISLAND EXPLORATION CORPORATION	4/27/1987	42	273	33S	40W	6	33S40W6	33S-40W SECTION 6: LOTS 3, 4, 5, SE/4, NW/4 (AKIA NW/4)	MORTON	2
30143000	LEASE - OIL AND GAS	USA KSNM 67924	MATAGORDA ISLAND EXPLORATION CORPORATION	5/22/1987	42	414	33S	40W	7	33S40W7	33S-40W SECTION 7: LOTS 1, 2, 3 AND 4, E/2, W/2, E/2	MORTON	2
30145000	LEASE - OIL AND GAS	CHEROKEE PITTSBURG COAL MINE	ANADARKO PETROLEUM COMPANY	6/30/1976	24	14	33S	41W	12	33S41W12	33S-41W SECTION 12: SE/4	MORTON	1
83434000	LEASE - OIL AND GAS	USA KSNM 77185	MESA OPERATING LTD PARTNERSHIP	5/3/1989	45	243	33S	41W	12	33S41W12	33S-41W SECTION 12: W/2	MORTON	1
30125000	LEASE - OIL AND GAS	LLOYD G. STONER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	10/9/1951	16	139	33S	43W	1	33S43W1	33S-43W SECTION 1: SE/4	MORTON	1
30148000	LEASE - OIL AND GAS	USA KSNM 77203	MATAGORDA ISLAND EXPLORATION CORPORATION	12/1/1988	44	462	33S	43W	12	33S43W12	33S-43W SECTION 12: SW/4	MORTON	1
83666000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	365	34S	31W	5	34S31W5	34S-31W SECTION 5: LOTS 1, 2, S/2, NE/4	SEWARD	2
83665000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	363	34S	31W	5	34S31W5	34S-31W SECTION 5: N/2, SE/4, SE/4, SW/4	SEWARD	2
83498000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1944	69	194	34S	31W	5	34S31W5	34S-31W SECTION 5: SW/4, SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	ROBERT DAVIES ET UX	ANADARKO PETROLEUM CORPORATION	12/20/1963	213	220	34S	31W	5	34S31W5	34S-31W SECTION 5: SW/4, SE/4	SEWARD	2
34458000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	ANADARKO PETROLEUM CORPORATION	11/4/1961	195	361	34S	31W	6	34S31W6	34S-31W SECTION 6: LOT 1	SEWARD	2
83664000	LEASE - OIL AND GAS	RICE DAVIES	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1957	159	9	34S	31W	6	34S31W6	34S-31W SECTION 6: LOTS 2 AND 3	SEWARD	2
83758000	LEASE - OIL AND GAS	ROBERT DAVIES ET UX	E. H. ADAIR	10/30/1956	159	116	34S	31W	6	34S31W6	34S-31W SECTION 6: NW/4, NW/4, S/2, S/2, N/2	SEWARD	2
83748000	LEASE - OIL AND GAS	ELTA R. HOWELL ET AL	THE SUPERIOR OIL COMPANY	11/16/1960	190	29	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4, SW/4	SEWARD	2
83745000	LEASE - OIL AND GAS	FRED C. HOWELL ET UX	THE SUPERIOR OIL COMPANY	11/24/1960	190	31	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4, SW/4	SEWARD	2



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitents	Legal Description	County	Footnote
83746000	LEASE - OIL AND GAS	HALLIE HOWELL RISLEY ET VIR	THE SUPERIOR OIL COMPANY	11/24/1960	190	66	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
83499000	LEASE - OIL AND GAS	J. RAYMOND MCCLURE ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1944	69	192	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4 SE/4, NW/4 SW/4, NW/4 SE/4 SW/4	SEWARD	2
83744000	LEASE - OIL AND GAS	JESSIE M. ROBERTS ET AL	THE SUPERIOR OIL COMPANY	11/4/1944	190	33	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4 SW/4	SEWARD	2
83747000	LEASE - OIL AND GAS	LAWRENCE E. HOWELL ET UX	THE SUPERIOR OIL COMPANY	11/24/1960	190	95	34S	31W	8	34S31W8	34S-31W SECTION 8: SW/4 SW/4	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	34S31W8	34S-31W SECTION 8: SE/4 NE/4, E/2 SE/4, NW/4 SE/4	SEWARD	2
83758000	LEASE - OIL AND GAS	ROBERT DAVIES ET UX	E. H. ADAIR	10/30/1956	159	116	34S	31W	8	34S31W8	34S-31W SECTION 8: NW/4 NE/4, SW/4 NE/4	SEWARD	2
83682000	LEASE - OIL AND GAS	ALPHA ANN MARSH CADY ET VIR	ANADARKO PETROLEUM CORPORATION	4/13/1965	220	183	34S	32W	19	34S32W19	34S-32W SECTION 19: LOTS 3, 4, E/2 SW/4, SE/4	SEWARD	2
83516000	LEASE - OIL AND GAS	FRANCES O. ETZENHOUSER ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	5/10/1945	75	144	34S	32W	19	34S32W19	34S-32W SECTION 19: LOTS 1, 2, E/2 NW/4	SEWARD	2
83702000	LEASE - OIL AND GAS	HARRY REDFORD ET UX	ANADARKO PRODUCTION CORPORATION	3/6/1968	243	465	34S	32W	19	34S32W19	34S-32W SECTION 19: NE/4	SEWARD	2
83776000	LEASE - OIL AND GAS	PAUL DEAN BLASER ET AL	CROSS BAR PETROLEUM INC.	10/30/1996	477	310	34S	32W	29	34S32W29	34S-32W SECTION 29: NW/4	SEWARD	2
83778000	LEASE - OIL AND GAS	PAUL DEAN BLASER ET AL	CROSS BAR PETROLEUM INC.	10/30/1996	477	314	34S	32W	29	34S32W29	34S-32W SECTION 29: SW/4	SEWARD	2
83777000	LEASE - OIL AND GAS	ROCO INC.	CROSS BAR PETROLEUM INC.	10/30/1996	477	322	34S	32W	29	34S32W29	34S-32W SECTION 29: NW/4	SEWARD	2
83779000	LEASE - OIL AND GAS	ROCO INC.	CROSS BAR PETROLEUM INC.	10/30/1996	477	318	34S	32W	29	34S32W29	34S-32W SECTION 29: SW/4	SEWARD	2
83684000	LEASE - OIL AND GAS	L. G. BLACKMER ET UX	THE CARTER OIL COMPANY	9/16/1955	135	591	34S	32W	31	34S32W31	34S-32W SECTION 31: NW SW/4	SEWARD	2
83683000	LEASE - OIL AND GAS	M. ALACE RINDOM ET AL	O. R. WHITAKER	10/4/1962	202	160	34S	32W	32	34S32W32	34S-32W SECTION 32: NW/4	SEWARD	2
83722000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	26	366	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
83722000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	376	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83710000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	356	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83725000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	372	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
73725000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	382	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83713000	LEASE - OIL AND GAS	HELEN GUNDERSON ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	362	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83723000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	368	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
83723000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	378	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83711000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	358	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83724000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	370	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
73724000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	380	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83712000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	360	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83721000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	364	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
83721000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	374	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83709000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PETROLEUM CORPORATION	9/30/1971	261	354	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83726000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	29	34S	32W	5	34S32W5	34S-32W SECTION 5: SE/4	SEWARD	2
73726000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	31	34S	32W	5	34S32W5	34S-32W SECTION 5: SW/4	SEWARD	2
83714000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PETROLEUM CORPORATION	9/30/1971	264	27	34S	32W	5	34S32W5	34S-32W SECTION 5: LOTS 3, 4, E/2 NW/4	SEWARD	2
83704000	LEASE - OIL AND GAS	CARYL C. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	261	346	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83707000	LEASE - OIL AND GAS	HELEN GRUNDERSEN ET VIR	ANADARKO PRODUCTION COMPANY	9/30/1971	261	352	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83705000	LEASE - OIL AND GAS	LUCILLE RADKE ET VIR	ANADARKO PRODUCTION COMPANY	9/30/1971	261	348	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83706000	LEASE - OIL AND GAS	PAUL A. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	261	350	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83703000	LEASE - OIL AND GAS	PAUL W. LIGHT TRUST	ANADARKO PRODUCTION COMPANY	9/30/1971	261	344	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
83708000	LEASE - OIL AND GAS	W. D. LIGHT ET UX	ANADARKO PRODUCTION COMPANY	9/30/1971	264	25	34S	32W	6	34S32W6	34S-32W SECTION 6: LOTS 1, 2, S/2 NE/4	SEWARD	2
30179000	LEASE - OIL AND GAS	J. C. BROWN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	2/27/1950	85	486	34S	33W	2	34S33W2	34S-33W SECTION 2: SW/4	SEWARD	2
83678000	LEASE - OIL AND GAS	CHARLES S. CORREL ET UX	ANADARKO PRODUCTION COMPANY	1/6/1965	218	251	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83699000	LEASE - OIL AND GAS	OKLAHOMA FURNITURE MANUFACTURING CO	ANADARKO PETROLEUM CORPORATION	5/17/1967	238	568	34S	33W	24	34S33W24	34S-33W SECTION 24: SW/4	SEWARD	2
83680000	LEASE - OIL AND GAS	R. D. JONES INC	ANADARKO PRODUCTION COMPANY	5/17/1967	238	572	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83679000	LEASE - OIL AND GAS	WARD S. MERRICK JR. ET AL	ANADARKO PRODUCTION COMPANY	5/17/1967	238	566	34S	33W	24	34S33W24	34S-33W SECTION 24: SE/4	SEWARD	2
83698000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PETROLEUM CORPORATION	4/13/1967	238	497	34S	33W	24	34S33W24	34S-33W SECTION 24: SW/4	SEWARD	2
83677000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PRODUCTION COMPANY	4/13/1967	238	495	34S	33W	24	34S33W24	34S-33W SECTION 24: NW/4	SEWARD	2
83677000	LEASE - OIL AND GAS	WILBY MCAHERN ET UX	ANADARKO PRODUCTION COMPANY	1/6/1965	218	263	34S	33W	24	34S33W24	34S-33W SECTION 24: E/2 NE/4, W/2 NE/4	SEWARD	2
83700000	LEASE - OIL AND GAS	WOODS PETROLEUM CORPORATION	ANADARKO PETROLEUM CORPORATION	5/17/1967	238	570	34S	33W	24	34S33W24	34S-33W SECTION 24: SW/4, SE/4	SEWARD	2
83542000	LEASE - OIL AND GAS	DON E. PRIEFF 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
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
30241000	LEASE - OIL AND GAS	CLEO A. ADAMSON ET AL	FRED C. KOCH	6/9/1943	47	571	34S	34W	11	34S34W11	SECTION 11: SE/4	SEWARD	2
30242000	LEASE - OIL AND GAS	ARTHUR H. KEATING ET AL	FRED C. KOCH	6/10/1943	47	314	34S	34W	2	34S34W2	SECTION 2: NE/4	SEWARD	2
30225000	LEASE - OIL AND GAS	MYRTLE GASAWAY ET AL	FRED C. KOCH	3/6/1944	68	13	34S	34W	23	34S34W23	SECTION 23: W/2	SEWARD	2
N/A	LEASE - OIL AND GAS	L. A. BLOOM ET UX	ANADARKO PETROLEUM CORPORATION	1/3/1978	299	497	34S	34W	26	34S34W26	SECTION 26: SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	L. A. BLOOM ET UX	ANADARKO PETROLEUM CORPORATION	1/3/1978	299	500	34S	34W	26	34S34W26	SECTION 26: NE/4	SEWARD	2
37167000	LEASE - OIL AND GAS	W. R. GREEN ET UX	FRED C. KOCH	6/10/1943	47	315	34S	34W	26	34S34W26	SECTION 26: W/2	SEWARD	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
83610000	LEASE - OIL AND GAS	JOHN W. MOORE ET AL	CHAS VANCE	7/1/1950	102	391	34S	34W	27	34S34W27	34S-34W SECTION 27: E/2 SE/4 SW/4, W/2 SE/4	SEWARD	2, 21
83605000	LEASE - OIL AND GAS	RHODA SMITH ET AL	QUINQUE OIL & GAS PRODUCING CO.	5/6/1944	69	63	34S	34W	27	34S34W27	34S-34W SECTION 27: N/2	SEWARD	2, 21
30228000	LEASE - OIL AND GAS	ALYCE GAMMELL ET AL	ANADARKO PETROLEUM CORPORATION	7/24/1980	318	695	34S	34W	29	34S34W29	34S-34W SECTION 17: NW/4	SEWARD	2
30229000	LEASE - OIL AND GAS	ALYCE GAMMELL ET AL	ANADARKO PETROLEUM CORPORATION	7/24/1980	318	688	34S	34W	29	34S34W29	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
83567000	LEASE - OIL AND GAS	ALVIN R. SWINDLER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	5/8/1950	85	603	34S	34W	34	34S34W34	34S-34W SECTION 34: SE/4	SEWARD	2
30299003	LEASE - OIL AND GAS	BENJAMIN MALEKUDE ET UX	NORTHERN PUMP COMPANY	3/16/1951	11	64	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30299005	LEASE - OIL AND GAS	H. H. MATKIN ET UX	JOHN B. HAWLEY JR.	2/7/1951	106	395	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
67553001	LEASE - OIL AND GAS	JENNIE M. WOODS	PANHANDLE EASTERN PIPE LINE COMPANY	3/30/1956	141	364	34S	34W	34	34S34W34	34S-34W SECTION 34: E/2	SEWARD	2
83568000	LEASE - OIL AND GAS	LENA FRIEDMAN & PHILLIP FRIEDMAN	NORTHERN PUMP COMPANY	3/16/1951	106	536	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30299002	LEASE - OIL AND GAS	MILTON H. BLAKEVORE ET AL	NORTHERN PUMP COMPANY	9/8/1980	321	626	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30299006	LEASE - OIL AND GAS	RAY LAMBERTON ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/18/1952	111	474	34S	34W	34	34S34W34	34S-34W SECTION 34: NE/4	SEWARD	2
83596000	LEASE - OIL AND GAS	ROSE GEORGE MUNRO ET AL	JOHN B. HAWLEY JR.	5/3/1951	111	63	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30299004	LEASE - OIL AND GAS	WEST PENN ROYALTIES COMPANY	NORTHERN PUMP COMPANY	3/16/1951	106	571	34S	34W	34	34S34W34	34S-34W SECTION 34: W/2	SEWARD	2
30299001	LEASE - OIL AND GAS	GERTIE THERIER PINKERTON ET AL	QUINQUE OIL & GAS PRODUCING CO.	9/16/1943	1	484	34S	34W	35	34S34W35	34S-34W SECTION 35: E/2	SEWARD	2
30195002	LEASE - OIL AND GAS	RAY LAMBERSON ET UX	QUINQUE OIL & GAS PRODUCING CO.	12/31/1942	47	395	34S	34W	35	34S34W35	34S-34W SECTION 35: W/2	SEWARD	2
30194000	LEASE - OIL AND GAS	T. H. PRINTZ ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/2/1943	47	524	34S	34W	35	34S34W35	34S-34W SECTION 35: E/2	SEWARD	2
30195001	LEASE - OIL AND GAS	CITY OF LIBERAL KANSAS	NORVAL BALLARD	2/6/1951	106	298	34S	34W	36	34S34W36	SECTION 36: ALL LIMITED TO THE WELLBORE ONLY OF THE CITY OF LIBERAL C-1 WELL IAPI 1517521792	SEWARD	2
84101000	LEASE - OIL AND GAS	HAROLD B. SCHOFIELD	T. J. WAGNER JR	7/28/1943	12	559	34S	37W	6	34S37W6	34S-37W SECTION 6: NE/4 SW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T. J. WAGNER JR	7/28/1943	12	217	34S	37W	6	34S37W6	34S-37W SECTION 6: NE/4 SW/4, S/2 SW/4	STEVENS	2
84100000	LEASE - OIL AND GAS	SUSAN M. LIGGETT	T. J. WAGNER JR	7/28/1943	12	217	34S	38W	1	34S38W1	34S-38W SECTION 1: NE/4	STEVENS	2
30341000	LEASE - OIL AND GAS	JOHN BROWN ET UX	STEVENS COUNTY OIL & GAS CO.	9/14/1936	7	593	34S	38W	27	34S38W27	34S-38W SECTION 27: NW/4	STEVENS	2
30342002	LEASE - OIL AND GAS	E. V. BARKER ET UX	A. T. SPIKES	3/11/1943	14	195	34S	38W	28	34S38W28	34S-38W SECTION 28: NE/4	STEVENS	2
30342001	LEASE - OIL AND GAS	ROSS E. TAYLOR ET UX	A. C. MOORHEAD	7/23/1943	12	201	34S	38W	28	34S38W28	34S-38W SECTION 28: NE/4	STEVENS	2
84133000	LEASE - OIL AND GAS	CHARLIE W. GARRON ET AL	T. J. WAGNER JR	7/23/1943	12	185	34S	38W	31	34S38W31	34S-38W SECTION 31: SW/4	STEVENS	2
84135000	LEASE - OIL AND GAS	HARRY D. ADAMS ET AL	T. J. WAGNER JR	7/29/1963	12	319	34S	38W	31	34S38W31	34S-38W SECTION 31: NW/4	STEVENS	2
84134000	LEASE - OIL AND GAS	MARY E. BARROWS ET VIR	T. J. WAGNER JR	8/7/1943	12	261	34S	38W	31	34S38W31	34S-38W SECTION 31: SE/4	STEVENS	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

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84136000	LEASE - OIL AND GAS	GEORGE M. ROLL	A. C. MOORHEAD	12/24/1942	11	511	34S	38W	32	34S38W32	34S-38W SECTION 32: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BILLY DE BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/17/1997	174	913	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BRENDA JEAN FAGAN TOOLE	TOUCHSTONE RESOURCES LTD	4/18/1997	174	943	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	4/7/1997	174	934	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES P. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	2/13/1997	174	931	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/3/1997	174	925	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GALENA BRECHEISEN ET AL	TOUCHSTONE RESOURCES LTD	6/10/1997	174	919	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GEORGE L HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/21/1997	174	928	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	JAN DEE FAGAN LLOYD	TOUCHSTONE RESOURCES LTD	2/18/1997	174	922	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	LEE O. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MARION W. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	PEGGY H. BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/15/1997	174	907	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RANDON D. BRECHEISEN	TOUCHSTONE RESOURCES LTD	5/7/1997	174	916	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RODNEY L. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	792	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RONALD J. SCOTT ET UX	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ROSEMARY FAGAN	TOUCHSTONE RESOURCES LTD	3/24/1997	174	940	34S	38W	33	34S38W33	34S-38W SECTION 33: E/2 SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	HARRY C. MORRIS TRUST	ANADARKO PETROLEUM CORPORATION	2/21/2001	196	444	34S	38W	34	34S38W34	34S-38W SECTION 34: SW/4, SW/4, E/2 SW/4	STEVENS	2
84229000	LEASE - OIL AND GAS	ELIZABETH M. WATKINS	BENEDUM-TREES OIL COMPANY	5/10/1937	7	402	34S	38W	35	34S38W35	34S-38W SECTION 35: SE/4	STEVENS	2
84227000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	642	34S	38W	35	34S38W35	34S-38W SECTION 35: NW/4	STEVENS	2
84228000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	643	34S	38W	35	34S38W35	34S-38W SECTION 35: NE/4	STEVENS	2
84226000	LEASE - OIL AND GAS	HORACE WHEELER ET UX	VICTOR H. MARTIN	11/15/1927	F	641	34S	38W	35	34S38W35	34S-38W SECTION 15: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CARL J. AEILTS	ORVILLE H. PARKER	11/30/1940	10	367	34S	38W	4	34S38W4	34S-38W SECTION 4: NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CLARENCE GREWELL ET UX	ORVILLE H. PARKER	12/2/1940	10	377	34S	38W	4	34S38W4	34S-38W SECTION 4: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	E. F. FUNKE ET UX	ORVILLE H. PARKER	12/30/1940	10	381	34S	38W	4	34S38W4	34S-38W SECTION 4: SW/4	STEVENS	2
30356000	LEASE - OIL AND GAS	THE CONSERVATORSHIP OF CARL F. MATZEN ET AL	MOBIL OIL CORPORATION	12/14/1989	136	543	34S	38W	10	34S38W10	34S-38W SECTION 10: SE/4	STEVENS	2
28383002	TERM MINERAL DEED	DONALD SIDWELL ET UX	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	414	34S	38W	11	34S38W11	34S-38W SECTION 11: SW/4	STEVENS	2
28383001	TERM MINERAL DEED	HOWARD SIDLESS ET UX	MATAGORDA ISLAND EXPLORATION CORPORATION	12/19/1986	121	440	34S	38W	11	34S38W11	34S-38W SECTION 11: SW/4	STEVENS	2
30354000	LEASE - OIL AND GAS	JOHN W. JENNER ET UX	REPUBLIC NATURAL GAS COMPANY	8/21/1943	12	301	34S	38W	11	34S38W11	34S-38W SECTION 11: NE/4	STEVENS	2

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



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Maach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
84308000	LEASE - OIL AND GAS	THE TEXAS COMPANY	D. D. HARRINGTON	2/10/1945	13	553	34S	39W	35	34S39W35	34S-39W SECTION 35: SE/4	STEVENS	2
83394000	LEASE - OIL AND GAS	USA KSNM 67937	MATAGORDA ISLAND EXPLORATION CORPORATION	6/24/1987	43	1	34S	40W	13	34S40W13	34S-40W SECTION 13: NW/4	MORTON	2
83395000	LEASE - OIL AND GAS	USA KSNM 67938	MATAGORDA ISLAND EXPLORATION CORPORATION	5/8/1987	43	7	34S	40W	13	34S40W13	34S-40W SECTION 13: SW/4	MORTON	2
83195000	LEASE - OIL AND GAS	CLARENCE A TURNER ET AL	C. S. MCCULLUNG	6/25/1951	15	465	34S	41W	18	34S41W18	34S-41W SECTION 18: SE/4	MORTON	2
83260000	LEASE - OIL AND GAS	E. P. LEWIS ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	7/29/1954	18	357	34S	41W	18	34S41W18	34S-41W SECTION 18: NE/4	MORTON	1
83262000	LEASE - OIL AND GAS	V. A. CANFIELD ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	6/2/1954	18	360	34S	41W	7	34S41W7	34S-41W SECTION 7: SW/4	MORTON	1
83330000	LEASE - OIL AND GAS	USA KSNM 68742	MATAGORDA ISLAND EXPLORATION CORPORATION	8/19/1987	43	170	34S	43W	20	34S43W20	SECTION 20: N/2 S/2, NE/4 NE/4, S/2 NE/4, SE/4 NW/4, SW/4 SW/4	MORTON	1
83334000	LEASE - OIL AND GAS	USA KSNM 68743	MATAGORDA ISLAND EXPLORATION CORPORATION	7/2/1987	43	178	34S	43W	20	34S43W20	34S-43W SECTION 20: SE/4, SW/4	MORTON	1
300123000	LEASE - OIL AND GAS	JESSIE SCOTT WIKER ET VIR	PANHANDLE EASTERN PIPE LINE COMPANY	11/29/1951	16	275	34S	43W	32	34S43W32	SECTION 32: NW/4, SW/4, W/2 SE/4, AND NE/4	MORTON	1
83764000	LEASE - OIL AND GAS	ALAN S. GRAHAM ET UX	J. FRED HAMBRIGHT INC.	10/17/1996	476	1078	35S	32W	6	35S32W6	SECTION 6: SE/4	SEWARD	2
83774000	LEASE - OIL AND GAS	BETTY L MITCHELL ET VIR	J. FRED HAMBRIGHT INC.	8/25/1996	478	696	35S	32W	6	35S32W6	SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
83768000	LEASE - OIL AND GAS	BONITA HAYES	J. FRED HAMBRIGHT	11/7/1997	487	980	35S	32W	6	35S32W6	SECTION 6: SE/4	SEWARD	2
83762000	LEASE - OIL AND GAS	DEAN E. GLEASON LIV TRUST	J. FRED HAMBRIGHT INC.	8/20/1996	475	658	35S	32W	6	35S32W6	SECTION 6: SE/4	SEWARD	2
83771000	LEASE - OIL AND GAS	ELMA C. BRANDES	J. FRED HAMBRIGHT INC.	8/25/1996	478	704	35S	32W	6	35S32W6	SECTION 6: LOTS 1, 2, E/2 NW/4, NE/4	SEWARD	2
86760000	LEASE - OIL AND GAS	HAROLD E. BOX ET UX	J. FRED HAMBRIGHT	8/13/1997	485	944	35S	32W	6	35S32W6	SECTION 6: SE/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: SE/4	SEWARD	2
83765000	LEASE - OIL AND GAS	LEASA TITUS ET VIR	J. FRED HAMBRIGHT INC.	10/17/1996	477	520	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
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
83769000	LEASE - OIL AND GAS	MELODY FRY ET VIR	J. FRED HAMBRIGHT	11/17/1997	489	582	35S	32W	6	35S32W6	SECTION 6: SE/4	SEWARD	2
83767000	LEASE - OIL AND GAS	MILDRED IRENE OMAN	J. FRED HAMBRIGHT INC.	8/31/1996	476	926	35S	32W	6	35S32W6	SECTION 6: SE/4	SEWARD	2
83772000	LEASE - OIL AND GAS	URIEL W. BROWN ET UX	J. FRED HAMBRIGHT INC.	8/25/1996	478	702	35S	32W	6	35S32W6	SECTION 6: LOTS 1, 2, E/2 NW/4, NE/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
62266000	LEASE - OIL AND GAS	HENRY V. TUCKER ET UX	F. W. KAMPF	11/21/1944	69	623	35S	33W	6	35S33W6	SECTION 6: THE SOUTH 120 ACRES OF THE SW/4	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	SEWARD	2
N/A	LEASE - OIL AND GAS	CAROL SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	57	35S	34W	1	35S34W1	SECTION 1: SW/4 NE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	GORDON M. SLAYMAKER	ANADARKO PRODUCTION COMPANY	3/2/1982	335	61	35S	34W	1	35S34W1	SECTION 1: SW/4 NE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	HENRY V. TUCKER, JR. ET UX	ANADARKO PRODUCTION COMPANY	2/17/1982	332	579	35S	34W	1	35S34W1	SECTION 1: S/2 NE/4 SE/4	SEWARD	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
8373000	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, NW/2 SE/4	SEWARD	2
8364800	LEASE - OIL AND GAS	JOHN S. GROVER ET UX	ANADARKO PRODUCTION COMPANY	10/30/1959	180	358	35S	34W	1	35S34W1	35S-34W SECTION 1: SW/4	SEWARD	2
8364500	LEASE - OIL AND GAS	RITA HAYES	ANADARKO PRODUCTION COMPANY	10/30/1959	180	362	35S	34W	1	35S34W1	35S-34W SECTION 1: S/2 NW/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
8360400	LEASE - OIL AND GAS	HATTIE E. MORRELL ET AL	QUINQUE OIL & GAS PRODUCING CO.	2/22/1943	47	396	35S	34W	10	35S34W10	35S-34W SECTION 10: SW/4	SEWARD	2
3019800	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	F	485	35S	34W	10	35S34W10	35S-34W SECTION 10: NE/4	SEWARD	2
8364700	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
8372900	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
3019800	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	F	485	35S	34W	11	35S34W11	35S-34W SECTION 11: NW/4	SEWARD	2
8373000	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
8373100	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
3023000	LEASE - OIL AND GAS	EMMA FULLER	ANADARKO PETROLEUM COMPANY	5/5/1982	332	564	35S	34W	13	35S34W13	SECTION 13: A 2.19 ACRE TRACT IN THE NORTHWEST QUARTER THAT WAS EXCLUDED / EXCEPTED FROM AN OIL AND GAS LEASE DATED JUNE 20, 1978 BETWEEN THE LESSOR AND THE LESSEE AND RECORDED IN BOOK 303, PAGE 37-39.	SEWARD	2
30235001	LEASE - OIL AND GAS	EMMA FULLER ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	640	35S	34W	13	35S34W13	35S-34W SECTION 13: LOTS 1, 2, N/2 S/2	SEWARD	2
30239001	LEASE - OIL AND GAS	EMMA FULLER ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	628	35S	34W	13	35S34W13	35S-34W SECTION 13: NW/4	SEWARD	2
30235001	LEASE - OIL AND GAS	EMMA FULLER ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	634	35S	34W	13	35S34W13	35S-34W SECTION 13: NE/4	SEWARD	2
30239002	LEASE - OIL AND GAS	FEDERAL LAND BANK OF WICHITA	ANADARKO PRODUCTION COMPANY	1/27/1984	356	642	35S	34W	13	35S34W13	35S-34W SECTION 13: NW/4	SEWARD	2
30237002	LEASE - OIL AND GAS	HARRIET E. APSLEY ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	610	35S	34W	13	35S34W13	35S-34W SECTION 13: LOTS 1, 2, N/2 S/2	SEWARD	2
30235002	LEASE - OIL AND GAS	HENRY L. NICHOLS ET AL	ANADARKO PRODUCTION COMPANY	10/10/1984	355	525	35S	34W	13	35S34W13	35S-34W SECTION 13: NE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	CAROL ANN PLUMMER ET VIR	ANADARKO PRODUCTION COMPANY	12/12/1997	497	904	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NW/2 SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	EMMA FULLER ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	622	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NW/2 SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	EMMA FULLER ESTATE	ANADARKO PRODUCTION COMPANY	8/22/1984	355	616	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NW/2 SE/4	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	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NW/2 SE/4	SEWARD	2
8372800	LEASE - OIL AND GAS	JAMES PAUL MCHARGUE ET UX	ANADARKO PRODUCTION COMPANY	6/26/1978	303	128	35S	34W	14	35S34W14	35S-34W SECTION 14: NE/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	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, NW/2 SE/4	SEWARD	2



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
N/A	LEASE - OIL AND GAS	KATHERINE L. KELMAN REVOC TRUST	ANADARKO PRODUCTION COMPANY	12/12/1997	499	38	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, 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	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4	SEWARD	2
N/A	LEASE - OIL AND GAS	V. MARIAN FULLER LIVING TRUST	ANADARKO PRODUCTION COMPANY	12/12/1997	497	363	35S	34W	14	35S34W14	35S-34W SECTION 14: LOTS 1, 2, NE/4 SW/4, NW/4 SW/4, N/2 SE/4	SEWARD	2
83601000	LEASE - OIL AND GAS	ERNEST P. BOLES ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/8/1943	47	387	35S	34W	15	35S34W15	35S-34W SECTION 15: LOTS 1, 2, N/2 SE/4, N/2 SW/4, NE/4	SEWARD	2
83604000	LEASE - OIL AND GAS	HATTIE E. MORRELL ET AL	QUINQUE OIL & GAS PRODUCING CO.	2/22/1943	47	386	35S	34W	15	35S34W15	35S-34W SECTION 15: NW/4	SEWARD	2
30233001	LEASE - OIL AND GAS	JOHN S. GROVER ET UX	ANADARKO PRODUCTION COMPANY	9/7/1982	337	26	35S	34W	17	35S34W17	35S-34W SECTION 17: NE/4, N/2 SE/4	SEWARD	2
30233002	LEASE - OIL AND GAS	TEXACO INC.	ANADARKO PRODUCTION CORP	8/22/1984	364	622	35S	34W	17	35S34W17	35S-34W 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	35S-34W SECTION 2: W/2	SEWARD	2
83648000	LEASE - OIL AND GAS	JOHN S. GROVER ET UX	ANADARKO PRODUCTION COMPANY	10/30/1959	180	358	35S	34W	2	35S34W2	35S-34W SECTION 2: SE/4	SEWARD	2
78738000	LEASE - OIL AND GAS	LOTT KENNEDY TRUSTEE	ANADARKO PRODUCTION COMPANY	10/30/1959	180	364	35S	34W	2	35S34W2	35S-34W SECTION 2: NE/4	SEWARD	2
30198000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	F	485	35S	34W	3	35S34W3	35S-34W SECTION 3: ALL	SEWARD	2
30197000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	E. W. MOORE	2/23/1928	34	114	35S	34W	4	35S34W4	35S-34W SECTION 4: NE/4	SEWARD	2
30198000	LEASE - OIL AND GAS	JOHN L. BOLES ET UX	THE TRADERS OIL CORPORATION	2/19/1918	F	485	35S	34W	4	35S34W4	35S-34W SECTION 4: SE/4	SEWARD	2
83603000	LEASE - OIL AND GAS	L. L. BUNTING ET UX	QUINQUE OIL & GAS PRODUCING CO.	1/9/1943	47	388	35S	34W	4	35S34W4	35S-34W SECTION 4: SW/4	SEWARD	2
83606000	LEASE - OIL AND GAS	VICTOR H. TEGARDEN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	12/1/1950	106	371	35S	34W	4	35S34W4	35S-34W SECTION 4: NW/4	SEWARD	2
83608000	LEASE - OIL AND GAS	OLA M. VICKERS	THE VICKERS PETROLEUM CO.	11/2/1950	106	35	35S	34W	9	35S34W9	35S-34W SECTION 9: W/2	SEWARD	2
30238002	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	D. D. HARRINGTON	2/12/1945	13	357	35S	38W	14	35S38W14	35S-38W SECTION 14: SE/4	STEVENS	2
30238001	LEASE - OIL AND GAS	WILLIAM M. FARRAR ET UX	MAGNOLIA PETROLEUM COMPANY	3/9/1937	7	406	35S	38W	14	35S38W14	35S-38W SECTION 14: SE/4	STEVENS	2
84266000	LEASE - OIL AND GAS	DON P. EBY ET UX	PIONEER PETROLEUM COMPANY	9/7/1932	5	387	35S	38W	16	35S38W16	35S-38W SECTION 16: N/2, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T.:INGLING TRUSTEE	1/22/1941	10	395	35S	38W	16	35S38W16	35S-38W SECTION 16: SW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	A. C. MOORHEAD ET UX	DONALD T.:INGLING TRUSTEE	1/22/1941	10	393	35S	38W	17	35S38W17	35S-38W SECTION 17: NE/4	STEVENS	2
84196000	LEASE - OIL AND GAS	FARM MORTGAGE CORP W056843	REPUBLIC NATURAL GAS COMPANY	12/31/1942	11	437	35S	38W	17	35S38W17	35S-38W SECTION 17: SW/4	STEVENS	2
77047000	TERM MINERAL DEED	MESA OPERATING LIMITED PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	6/24/1993	234	432	35S	38W	17	35S38W17	35S-38W SECTION 17: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	N. AMERICAN LIFE INS CO	DONALD T.:INGLING TRUSTEE	1/8/1941	10	391	35S	38W	17	35S38W17	35S-38W SECTION 17: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	S. R. YOUNG ET AL	DONALD T.:INGLING TRUSTEE	1/22/1941	10	395	35S	38W	17	35S38W17	35S-38W SECTION 17: NE/4, SE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BILLY JOE BRICHEISEN	TOUCHSTONE RESOURCES LTD	4/17/1997	174	913	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	BRENDA JEAN FAGAN TOOLE	TOUCHSTONE RESOURCES LTD	4/18/1997	174	943	35S	38W	4	35S38W4	35S-38W SECTION 4: N/2 NE/4	STEVENS	2

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
N/A	LEASE - OIL AND GAS	CHARLES FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	4/7/1997	174	934	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	CHARLES P. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	2/13/1997	174	931	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
30335000	LEASE - OIL AND GAS	EMMA F. LANDER	JOE E. DENHAM	3/23/1944	12	491	355	38W	4	35538W4	355-38W SECTION 4: NW/4	STEVENS	2
N/A	LEASE - OIL AND GAS	FRED HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/3/1997	174	925	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GALEN A. BRECHEISEN ET AL	TOUCHSTONE RESOURCES LTD	6/10/1997	174	919	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	GEORGE L. HINCH ET UX	TOUCHSTONE RESOURCES LTD	3/21/1997	174	928	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	JAN DEE FAGAN LLOYD	TOUCHSTONE RESOURCES LTD	2/18/1997	174	922	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	LEE O. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	789	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	MARION W. BRECHEISEN ET UX	TOUCHSTONE RESOURCES LTD	4/17/1997	174	916	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	PEGGY H. BRECHEISEN	TOUCHSTONE RESOURCES LTD	4/15/1997	174	907	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RANDON D. BRECHEISEN	TOUCHSTONE RESOURCES LTD	5/7/1997	174	916	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RODNEY L. BRECHEISEN	TOUCHSTONE RESOURCES LTD	8/14/2001	199	792	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	RONALD J. SCOTT ET UX	TOUCHSTONE RESOURCES LTD	4/16/1997	174	916	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
N/A	LEASE - OIL AND GAS	ROSEMARY FAGAN	TOUCHSTONE RESOURCES LTD	3/24/1997	174	940	355	38W	4	35538W4	355-38W SECTION 4: N/2 NE/4	STEVENS	2
30337000	LEASE - OIL AND GAS	WESTERN ROYALTY AND DEVELOPMENT COMPANY	M. L. BENEJUM, I. C. TREES AND JOHN S. WELLER	5/31/1933	6	613	355	38W	9	35538W9	355-38W SECTION 9: SE/4	STEVENS	2
84183000	LEASE - OIL AND GAS	ARGO OIL CORPORATION	JOE E. DENHAM	3/25/1944	12	601	355	39W	12	35539W12	355-39W SECTION 12: SW/4	STEVENS	2
84180000	LEASE - OIL AND GAS	C. E. MCCARTY ET AL	JOE E. DENHAM	7/23/1943	12	121	355	39W	12	35539W12	355-39W SECTION 12: NW/4	STEVENS	2
77305000	TERM MINERAL DEED	ELISE L. GRASSMUCK	ANADARKO PETROLEUM CORPORATION	3/25/1986	117	622	355	39W	12	35539W12	355-39W SECTION 12: SW/4	STEVENS	2
84181000	LEASE - OIL AND GAS	LULLY STANLEY COMLEY ET AL	JOE E. DENHAM	3/25/1944	12	597	355	39W	12	35539W12	355-39W SECTION 12: SW/4	STEVENS	2
77270000	TERM MINERAL DEED	MARY ELIZABETH MYER ET AL	ANADARKO PETROLEUM CORPORATION	2/1/1993	234	432	355	39W	12	35539W12	355-39W SECTION 12: NW/4	STEVENS	2
84182000	LEASE - OIL AND GAS	SALTMOUNT OIL COMPANY	JOE E. DENHAM	3/25/1944	12	599	355	39W	12	35539W12	355-39W SECTION 12: SW/4	STEVENS	2
84197000	LEASE - OIL AND GAS	H. C. GERBER ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	12/18/1947	23	83	355	39W	14	35539W14	355-39W SECTION 14: N/2 NE/4	STEVENS	2
85446000	LEASE - OIL AND GAS	B G MANWARREN AND DENA MANWARREN HIS WIFE	CITIES SERVICE OIL COMPANY	12/31/1942	240	10	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: N/2: SW/4	TEXAS	28.34
85290000	LEASE - OIL AND GAS	ELAINE LEVAND AND MORTON J LEVAND HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	3/15/1951	257	306	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: SE/4	TEXAS	28.34
85287000	LEASE - OIL AND GAS	GEORGE C HITCH AND WILLIE HITCH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/21/1945	251	456	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: SE/4	TEXAS	28.34
85289000	LEASE - OIL AND GAS	MARGARET STEPHENS A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	3/14/1951	257	307	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: SE/4	TEXAS	28.34
85480000	LEASE - OIL AND GAS	TRUSTEES OF UNITY CHURCH OF RED POINT TOWNSHIP OF TEXAS COUNTY, OKLAHOMA	PANHANDLE EASTERN PIPE LINE COMPANY	3/7/1951	257	305	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: NE/4	TEXAS	28.34
85288000	LEASE - OIL AND GAS	WILLIAM O (BILL) STEPHENS A SINGLE PERSON	PANHANDLE EASTERN PIPE LINE COMPANY	3/14/1951	257	308	3N	12ECM	1	3N12ECM1	3N-12ECM Sec. 1: SE/4	TEXAS	28.34



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19340001 59984000	LEASE - OIL AND GAS	GAYDON M. BRUNDIDGE ET VR	PANHANDLE EASTERN PIPELINE COMPANY	7/19/1945	251	447	3N	13ECM	10	3N13ECM10	3N-13ECM SECTION 10: SW/4 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3.167 FEET, OR THE STRATIGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK	TEXAS	
19339000 59767000	LEASE - OIL AND GAS	GROVER C. JONES ET UX	PANHANDLE EASTERN PIPELINE COMPANY	10/8/1941	231	234	3N	13ECM	10	3N13ECM10	3N-13ECM SECTION 10: NW/4 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3.167 FEET, OR THE STRATIGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK	TEXAS	
60433000	MINERAL DEED	STONEBRAKER RANCH	CITIES SERVICE GAS COMPANY	5/15/1936	198	551	3N	13ECM	10	3N13ECM10	3N-13ECM SECTION 10: E/2 LIMITED FROM THE SURFACE TO THE BASE OF THAT CERTAIN COUNCIL GROVE (BADER) FORMATION AT A DEPTH OF 3.167 FEET, OR THE STRATIGRAPHIC EQUIVALENT THEREOF, AS FOUND IN THE STEPHEND 10 #1 WELL LOCATED 990' FSL AND 2.310 FWL OF SECTION 10 3N-13ECM, TEXAS COUNTY, OK	TEXAS	
85201000	LEASE - OIL AND GAS	CHARLES J RELIST AND FLORA E RELIST HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/17/1933	189	393	3N	14ECM	5	3N14ECM5	3N-14ECM Sec 5: SE/4	TEXAS	28, 36
85207000	LEASE - OIL AND GAS	H W LONG AND E D LONG HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/13/1933	180	349	3N	14ECM	5	3N14ECM5	3N-14ECM Sec 5: NW/4	TEXAS	28, 36
85209000	LEASE - OIL AND GAS	HENRY J BEHNE A SINGLE MAN	T B ROACH	4/22/1942	232	107	3N	14ECM	5	3N14ECM5	3N-14ECM Sec 5: NE/4	TEXAS	28, 33
85208000	LEASE - OIL AND GAS	IDA CLAWSON A SINGLE WOMAN	J W MCCOLL	9/19/1940	219	388	3N	14ECM	5	3N14ECM5	3N-14ECM Sec 5: SW/4	TEXAS	28, 36
85349000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OCS-1738	PANHANDLE EASTERN PIPELINE COMPANY	5/14/1951	269	441	3N	14ECM	6	3N14ECM6	3N-14ECM Sec 6: SE/4	TEXAS	28
85470000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE OUNIV-63	FRANK A GRIFFIN JR	5/14/1951	N/A	N/A	3N	14ECM	6	3N14ECM6	3N-14ECM Sec 6: SE/4 SW/4	TEXAS	28
85348000	LEASE - OIL AND GAS	GEO L AYCOCK AND MAXIE P AYCOCK HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	9/14/1947	257	160	3N	14ECM	6	3N14ECM6	3N-14ECM Sec 6: SE/4	TEXAS	28
85196000	LEASE - OIL AND GAS	JAMES E COPP AND BEULAH F COPP HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	1/13/1945	251	301	3N	14ECM	6	3N14ECM6	3N-14ECM Sec 6: N/2 SW/4; N/2: SW/4 SW/4	TEXAS	28
33172000 60117000 65107000	LEASE - OIL AND GAS	JACOB REVERTS A SINGLE MAN	R G KELLER AND I LENNIS	6/14/1922	114	535	3N	15ECM	25	3N15ECM25	3N-15ECM Sec 25: NE/4; NW/4; SW/4	TEXAS	28
33007000	LEASE - OIL AND GAS	C J VOTH AND AGNES VOTH HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	11/14/1948	257	184	3N	18ECM	19	3N18ECM19	3N-18ECM Sec 19: E/2	TEXAS	28
32149002	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO A&M-803	UNITED OIL CORPORATION	4/27/1976	470	382	3N	21ECM	1	3N21ECM1	3N-21ECM Sec 1: Lot 3: SE/4 NW/4	BEAVER	3, 11
32151001	LEASE - OIL AND GAS	JOEL E FOGLEMAN AND GUADALUPE FOGLEMAN HUSBAND AND WIFE	RONNIE LAVYSON	12/8/1975	440	325	3N	21ECM	1	3N21ECM1	3N-21ECM Sec 1: Lots 1 & 2: SW/4 NE/4	BEAVER	3, 11

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31903002	LEASE - OIL AND GAS	L R FOGLEMAN AKA LONAM RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HUSBAND AND WIFE	RONNIE LAWSON	1/28/1975	440	333	3N	21ECLM	1	3N21ECLM1	3N-21ECLM Sec. 1: Lots 1 & 2: SW/4 NE/4	BEAVER	3, 11
31903001	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED G MORRIS HIS WIFE	RONNIE LAWSON	3/9/1976	442	381	3N	21ECLM	1	3N21ECLM1	3N-21ECLM Sec. 1: Lot 3: SE/4 NW/4	BEAVER	3, 11
31903013	LEASE - OIL AND GAS	BF FINLEY AND NETTIE ANN FINLEY HIS WIFE	FUNK EXPLORATION	1/18/1983	608	18	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903009	LEASE - OIL AND GAS	BARBARA ARNOLD COLTHARP AKA BARBARA JEAN ARNOLD COLTHARP AND HUSBAND FORREST COLTHARP	FUNK EXPLORATION	1/17/1983	607	527	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903016	LEASE - OIL AND GAS	C W MANN DEALING IN HIS OWN AND SEPARATE PROPERTY	FUNK EXPLORATION INC	2/7/1983	608	560	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903020	LEASE - OIL AND GAS	CAROL JUNE BARNETT AND DAVID BARNETT HER HUSBAND	FUNK EXPLORATION INC	2/22/1983	610	798	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903022	LEASE - OIL AND GAS	CHRIS SAMUEL HOLZER A SINGLE PERSON	FUNK EXPLORATION INC	2/22/1983	610	796	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903017	LEASE - OIL AND GAS	CLIFFORD P HICKOK AND MARION LEE HICKOK HIS WIFE	FUNK EXPLORATION INC	1/24/1983	609	565	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903019	LEASE - OIL AND GAS	ELIZABETH FELL OVEN FORMERLY ELIZABETH FELL CUMMINS DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION INC	3/9/1983	611	3	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903024	LEASE - OIL AND GAS	FLORENCE J WASS A WIDOW	FUNK EXPLORATION INC	3/7/1983	609	543	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903018	LEASE - OIL AND GAS	FRANCIS FELL MALONE FORMERLY FRANCES FELL KILPATRICK	FUNK EXPLORATION INC	1/26/1983	609	575	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903010	LEASE - OIL AND GAS	JOE EXTON AND WIFE NANCY J EXTON	FUNK EXPLORATION	1/17/1983	607	517	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903033	LEASE - OIL AND GAS	JULIA E GILKEY AKA JULIA WILSON RICHIEY GILKEY, DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/17/1983	606	628	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903001	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	103	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: SW/4	BEAVER	3
31903002	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	109	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: SE/4	BEAVER	3
31903003	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	112	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NE/4	BEAVER	3
31903004	LEASE - OIL AND GAS	LEON B MORRIS AND WINIFRED MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	1/28/1982	575	106	3N	21ECLM	12	3N21ECLM12	3N-21ECLM Sec. 12: NW/4; one acre in the NW/4; NW/4	BEAVER	3



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31903026	LEASE - OIL AND GAS	LUKE L NIGLIAZZO JR TRUSTEE OF THE J H ARRINGTON TRUST	FUNK EXPLORATION INC	7/17/1983	617	485	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903023	LEASE - OIL AND GAS	MALINDA BERRY FISCHER A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION INC	3/7/1983	612	192	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903032	LEASE - OIL AND GAS	MARIORY J IPELSTICKER DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION INC	4/20/1983	626	41	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903025	LEASE - OIL AND GAS	MIKE O WASS A MARRIED MAN ACTING IN HIS SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION INC	3/17/1983	612	194	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903012	LEASE - OIL AND GAS	NELDA F GUINN DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/18/1983	608	16	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903005	LEASE - OIL AND GAS	NEVA OLIVER A SINGLE WOMAN	ANADARKO PRODUCTION COMPANY	6/17/1983	621	81	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903014	LEASE - OIL AND GAS	OPAL JUANITA GOODBARY SCHULL DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/18/1983	608	246	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903015	LEASE - OIL AND GAS	OPAL W GOODBARY A WIDOW	FUNK EXPLORATION	1/18/1983	608	257	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903028	LEASE - OIL AND GAS	PHYLIS C RAHE AND MAX N RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST	FUNK EXPLORATION INC	5/4/1983	635	121	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903008	LEASE - OIL AND GAS	ROBERT J ARNOLD A SINGLE MAN	FUNK EXPLORATION	1/17/1983	605	743	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903029	LEASE - OIL AND GAS	SABINE CORPORATION	FUNK EXPLORATION INC	12/9/1983	635	231	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903011	LEASE - OIL AND GAS	T D BERRY INVESTMENT CO INC	FUNK EXPLORATION	1/7/1983	605	745	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3
31903031	LEASE - OIL AND GAS	THE HOME-STAKE OIL & GAS COMPANY	FUNK EXPLORATION INC	12/9/1983	651	795	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NW¼, SE¼, NE¼ & SW¼	BEAVER	3
31903030	LEASE - OIL AND GAS	THE HOME-STAKE ROYALTY CORPORATION	FUNK EXPLORATION INC	12/9/1983	651	793	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: SE¼; NE¼; NW¼ & SW¼	BEAVER	3
31903006	LEASE - OIL AND GAS	U S PETROLEUM INC	FUNK EXPLORATION	1/7/1983	605	739	3N	21ECC	12	3N21ECC12	3N-21ECC Sec. 12: NE¼; NW¼; SE¼; SW¼ Less and except a square one acre tract in the Northwest Corner of the NW¼	BEAVER	3

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31903027	LEASE - OIL AND GAS	VENETA BERRY ARRINGTON & LUKE L NIGLIAZZO JR CO-TRUSTEES OF THE VENETA BERRY ARRINGTON REVOCABLE TRUST	FUNK EXPLORATION INC	5/27/1983	619	239	3N	21E2M	12	3N21E2CM12	3N-21E2CM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903021	LEASE - OIL AND GAS	WANDA JUNE MARTIN AND GARY MARTIN HER HUSBAND	FUNK EXPLORATION INC	2/22/1983	611	1	3N	21E2M	12	3N21E2CM12	3N-21E2CM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
31903007	LEASE - OIL AND GAS	WILLIAM D ARNOLD AND WIFE, MARY LINDA ARNOLD	FUNK EXPLORATION	1/17/1983	605	741	3N	21E2M	12	3N21E2CM12	3N-21E2CM Sec. 12: NE/4; NW/4; SE/4; SW/4 Less and except a square one acre tract in the Northwest Corner of the NW/4	BEAVER	3
33222002	LEASE - OIL AND GAS	JAN RADER, STANLEY C, KARBBER & DANA R WALKER	T S DUDLEY LAND COMPANY INC	3/7/2001	1064	40	3N	21E2M	2	3N21E2CM2	3N-21E2CM Sec. 2: Lots 3 & 4	BEAVER	3
33222001	LEASE - OIL AND GAS	JOY L BOBBITT	T S DUDLEY LAND COMPANY INC	3/7/2001	1064	34	3N	21E2M	2	3N21E2CM2	3N-21E2CM Sec. 2: Lots 3 & 4	BEAVER	3
33221000	LEASE - OIL AND GAS	JUDITH MORRIS DEPEW ET VIR	T S DUDLEY LAND COMPANY INC	5/7/2001	1064	47	3N	21E2M	2	3N21E2CM2	3N-21E2CM Sec. 2: SE/4	BEAVER	3
33220000	LEASE - OIL AND GAS	MARY E BOBBITT, JOYCEL TAYLOR AND JEFFERY LYNN BOBBITT SOLE HEIRS OF RALPH M BOBBITT DECEASED	T S DUDLEY LAND COMPANY INC	5/7/2001	1064	116	3N	21E2M	2	3N21E2CM2	3N-21E2CM Sec. 2: Lots 1 & 2; SW/4; S/2 NW/4; S/2 NE/4	BEAVER	3
31893009	LEASE - OIL AND GAS	ALLISON ETTA EGAN A SINGLE WOMAN	ANADARKO PRODUCTION COMPANY	6/10/1982	590	491	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31892004	LEASE - OIL AND GAS	CANNON B MCMAHAN A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PRODUCTION COMPANY	1/20/1982	575	117	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31892010	LEASE - OIL AND GAS	CYNTHIA A RETZKE AND ROBERT M RETZKE	ANADARKO PRODUCTION COMPANY	1/19/1982	590	493	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31892007	LEASE - OIL AND GAS	E F MORAN INC	ANADARKO PRODUCTION COMPANY	4/28/1982	583	678	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31892003	LEASE - OIL AND GAS	G T MORRIS AND GWENDOLYN F MORRIS HIS WIFE	ANADARKO PRODUCTION COMPANY	12/21/1981	576	502	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31895001	LEASE - OIL AND GAS	GENE R GROVE AND LILLIE P GROVE HIS WIFE	ANADARKO PRODUCTION COMPANY	8/28/1981	562	275	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: E/2 NE/4	BEAVER	3
31895001	LEASE - OIL AND GAS	GENE R GROVE AND LILLIE P GROVE HIS WIFE	ANADARKO PRODUCTION COMPANY	8/28/1981	562	275	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: W/2 NE/4	BEAVER	3,6
31895002	LEASE - OIL AND GAS	GEORGIA GAMELSON	ANADARKO PRODUCTION COMPANY	10/8/1981	565	198	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: W/2 NE/4	BEAVER	3,6
31895002	LEASE - OIL AND GAS	GEORGIA GAMELSON	ANADARKO PRODUCTION COMPANY	10/8/1981	565	198	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: E/2 NE/4	BEAVER	3
31890002	LEASE - OIL AND GAS	HAZEL J WINGERT FORMERLY HAZEL J COMBS AND HAZEL J STRICKLAND A SINGLE WOMAN	ANADARKO PRODUCTION COMPANY	10/15/1981	566	208	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: W/2 SW/4	BEAVER	3
31892006	LEASE - OIL AND GAS	J W GARR JR AND BETTYE L GARR HIS WIFE	ANADARKO PRODUCTION COMPANY	2/2/1982	575	121	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31892002	LEASE - OIL AND GAS	KEITH SULLIVAN AND ELZALENE SULLIVAN HIS WIFE	ANADARKO PRODUCTION COMPANY	12/22/1981	574	114	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3
31895004	LEASE - OIL AND GAS	LORANE HURLEY	GREGORY G NIXON	2/7/1985	674	772	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: W/2 NE/4	BEAVER	3,6
31888002	LEASE - OIL AND GAS	ROBERTA W BAILEY A WIDOW	ANADARKO PRODUCTION COMPANY	3/25/1982	580	285	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: NW/4	BEAVER	3
31892008	LEASE - OIL AND GAS	SUZANNE EGAN A SINGLE WOMAN	ANADARKO PRODUCTION COMPANY	1/19/1982	589	347	3N	22E2M	21	3N22E2CM21	3N-22E2CM Sec. 21: SE/4	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31892005	CORRECTED LEASE - OIL AND GAS	THE FIRST NATIONAL BANK AND TRUST COMPANY OF TULSA TRUSTEE OF THE JOSEPH BOWES TRUSTS B-I AND B-II	ANADARKO PRODUCTION COMPANY	1/18/1982	675	411	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; SE/4	BEAVER	3
31892001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	192	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; SE/4	BEAVER	3
31888001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	189	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; NW/4	BEAVER	3
31890001	LEASE - OIL AND GAS	VERNIE L LAW AKA VERNIE IRA LAW AND RUTH E LAW HIS WIFE	ANADARKO PRODUCTION COMPANY	10/15/1981	565	195	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; E7/8 SW/4; W/2 SW/4	BEAVER	3
31859003	LEASE - OIL AND GAS	WILSON W WAMPLER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	1/20/1982	575	115	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; E7/8 NE/4	BEAVER	3
31859003	LEASE - OIL AND GAS	WILSON W WAMPLER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	1/20/1982	575	115	3N	22ECM	21	3N22ECM21	3N-22ECM Sec. 21; W/2 NE/4	BEAVER	3, 6
32117001	LEASE - OIL AND GAS	C B ZIMMERMAN AKA CHARLIE B ZIMMERMAN & EDNA ZIMMERMAN HIS WIFE	PAN EASTERN EXPLORATION COMPANY	2/10/1977	461	531	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117011	LEASE - OIL AND GAS	ELBERT PAUL HUTCHENS AND JUANITA HUTCHENS HIS WIFE	RALPH P CLARK JR	2/16/1977	475	452	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117010	LEASE - OIL AND GAS	ELIZABETH PRITCHETT	RALPH P CLARK JR	2/16/1977	474	189	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117006	LEASE - OIL AND GAS	JEAN BAUGH	RALPH P CLARK JR	2/16/1977	462	598	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117008	LEASE - OIL AND GAS	JESSE J MAXWELL	RALPH P CLARK JR	2/16/1977	462	602	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117002	LEASE - OIL AND GAS	LORAIN GIEMAN	RALPH P CLARK JR	2/16/1977	462	594	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117007	LEASE - OIL AND GAS	MARTHA WEBER	RALPH P CLARK JR	2/16/1977	462	596	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117003	LEASE - OIL AND GAS	MARY MCELHENY	RALPH P CLARK JR	2/16/1977	462	592	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117005	LEASE - OIL AND GAS	RUTH HAHN	RALPH P CLARK JR	2/16/1977	462	604	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117009	LEASE - OIL AND GAS	TENNIE FOX	RALPH P CLARK JR	2/16/1977	469	506	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32117004	LEASE - OIL AND GAS	THELMA CRESSWELL A WIDOW	RALPH P CLARK JR	2/16/1977	462	590	3N	22ECM	25	3N22ECM25	3N-22ECM Sec. 25; SE/4	BEAVER	3
32101003	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS-12854	FRED A GLASSCO	3/12/1974	460	144	3N	22ECM	3	3N22ECM3	3N-22ECM Sec. 3; Lots 2, 3 & 4; SE/4 NW/4	BEAVER	3
32100000	LEASE - OIL AND GAS	FORREST WOOLERY A SINGLE MAN	RALPH P CLARK JR	1/17/1974	405	572	3N	22ECM	3	3N22ECM3	3N-22ECM Sec. 3; Lot 1; SE/4; S/2 NE/4; SW/4 SW/4	BEAVER	3
32101001	LEASE - OIL AND GAS	H A CASSIDY AND AGNES CASSITY HIS WIFE	RALPH P CLARK JR	1/19/1974	406	79	3N	22ECM	3	3N22ECM3	3N-22ECM Sec. 3; N/2 SW/4; SE/4 SW/4; SW/4 NW/4	BEAVER	3
32101004	LEASE - OIL AND GAS	LEM B VANDEBURGH & CLARA OPAL VANDEBURGH HIS WIFE	PAN EASTERN EXPLORATION COMPANY	10/14/1976	458	312	3N	22ECM	3	3N22ECM3	3N-22ECM Sec. 3; Lots 2, 3 & 4; SW/4 NW/4; N/2 SW/4; SE/4 SW/4; SE/4 NW/4	BEAVER	3
32101002	LEASE - OIL AND GAS	RUBY B CASSITY A WIDOW	RALPH P CLARK JR	1/21/1974	406	81	3N	22ECM	3	3N22ECM3	3N-22ECM Sec. 3; SW/4 NW/4; N/2 SW/4; SE/4 SW/4	BEAVER	3
32137001	LEASE - OIL AND GAS	ELSWORTH HOOVER AND DOROTHY JEAN HOOVER HIS WIFE	MICHAEL D LEONHART	3/27/1997	987	169	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32137003	LEASE - OIL AND GAS	IVA PAULINE HANCOCK A WIDOW	MICHAEL D LEONHART	3/27/1997	987	173	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32145003	LEASE - OIL AND GAS	JIMMY L PUGH AND CAROL J PUGH HUSBAND AND WIFE	MICHAEL D LEONHART	4/15/1997	987	668	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; S/2; NW/4	BEAVER	3
32145004	LEASE - OIL AND GAS	JOHNNIE M JONES JR	MICHAEL D LEONHART	3/27/1997	987	177	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoito Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32137002	LEASE - OIL AND GAS	JUANITA THELMA SLAYTON	MICHAEL D LEONHART	3/27/1997	987	171	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32137007	LEASE - OIL AND GAS	LAYMON H JONES JR AND DIANE JONES HIS WIFE	MICHAEL D LEONHART	2/27/1997	987	415	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32145001	LEASE - OIL AND GAS	MILDRED W LEWIS TRUSTEE UNDER AGREEMENT DATED FEBRUARY 15, 1979 WITH MILDRED W LEWIS AS TRUSTOR	MICHAEL D LEONHART	4/3/1997	987	179	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NW/4; S/2	BEAVER	3
32137008	LEASE - OIL AND GAS	NORA BELL JONES A WIDOW	MICHAEL D LEONHART	4/2/1997	987	670	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32137005	LEASE - OIL AND GAS	OPAL SCONCE JONES A WIDOW	MICHAEL D LEONHART	3/27/1997	987	175	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32145004	LEASE - OIL AND GAS	RUTH C WILLIAMS & ORIN PAUL WILLIAMS, SUCCESSOR CO-TRUSTEES FIB/O THE WYATT H & RUTH C WILLIAMS IRREVOCABLE TRUST B #1615 U/A DATED JUNE 15, 1978	MICHAEL D LEONHART	4/18/1997	988	295	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NW/4; S/2	BEAVER	3
32137006	LEASE - OIL AND GAS	UNA M HAMILTON AND ROBERT HAMILTON HER HUSBAND	MICHAEL D LEONHART	3/27/1997	987	411	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NE/4	BEAVER	3
32145002	LEASE - OIL AND GAS	WALTER J WILLIAMS	MICHAEL D LEONHART	4/18/1997	987	413	3N	22ECM	4	3N22ECM4	3N-22ECM Sec. 4; NW/4; S/2	BEAVER	3
32095004	LEASE - OIL AND GAS	ANN BOWLING & TOM BOWLING HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	10/26/1976	458	342	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SE/4	BEAVER	3
32095001	LEASE - OIL AND GAS	BILLIE JEAN ROSS & WARREN C ROSS HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	10/12/1976	461	207	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SE/4	BEAVER	3
32087005	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS-12984	RALPH P CLARK JR	3/26/1974	462	468	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NW/4	BEAVER	3
32087008	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS-12985	RALPH P CLARK JR	3/26/1974	462	472	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SW/4	BEAVER	3
32087002	LEASE - OIL AND GAS	HUGH B WILLIAMS	PAN EASTERN EXPLORATION COMPANY	4/13/1974	414	39	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NE/4	BEAVER	3
32095002	LEASE - OIL AND GAS	KAYE SIPES & BOB SIPES HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	10/26/1976	461	209	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SE/4	BEAVER	3
32095005	LEASE - OIL AND GAS	MARK MYERS A SINGLE PERSON	PAN EASTERN EXPLORATION COMPANY	10/26/1976	458	299	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SE/4	BEAVER	3
32087001	LEASE - OIL AND GAS	MILDRED W LEWIS AND B N LEWIS HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	4/19/1974	414	36	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NE/4	BEAVER	3
32087006	LEASE - OIL AND GAS	MILDRED W LEWIS AND B N LEWIS HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	9/17/1974	416	260	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SW/4; NW/4	BEAVER	3
32095003	LEASE - OIL AND GAS	NELL MYERS & BARBARA MYERS HIS WIFE	PAN EASTERN EXPLORATION COMPANY	10/26/1976	458	277	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; SE/4	BEAVER	3
32087004	LEASE - OIL AND GAS	WALTER J WILLIAMS AND MILDRED E WILLIAMS HIS WIFE	PAN EASTERN EXPLORATION COMPANY	8/19/1974	415	556	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NE/4; NW/4; SW/4	BEAVER	3
32087007	LEASE - OIL AND GAS	WYATT H WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE	PAN EASTERN EXPLORATION COMPANY	9/17/1974	415	263	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NW/4; SW/4	BEAVER	3
32087003	LEASE - OIL AND GAS	WYATT M WILLIAMS JR AND RUTH C WILLIAMS HIS WIFE	PAN EASTERN EXPLORATION COMPANY	4/13/1974	414	42	3N	22ECM	9	3N22ECM9	3N-22ECM Sec. 9; NE/4	BEAVER	3
85417000	LEASE - OIL AND GAS	ALICE C STAMPER AND FAY M STAMPER HER HUSBAND	CITIES SERVICE GAS COMPANY	12/28/1945	252	88	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28.35
85422000	LEASE - OIL AND GAS	ANITA FERGUSON AS GUARDIAN OF THE PERSON AND ESTATE OF JERRY BANKS A MINOR	PANHANDLE EASTERN PIPE LINE COMPANY	3/20/1951	257	311	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28.35
85259000	LEASE - OIL AND GAS	C A BRANAMAN AND L GRACE BRANAMAN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	12/14/1944	251	337	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; NW/4	TEXAS	28.35



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
85419000	LEASE - OIL AND GAS	CARRIE BARTON AND GREGG BARTON HER HUSBAND	CITIES SERVICE GAS COMPANY	1/14/1946	252	86	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85390000	LEASE - OIL AND GAS	FRANK F HALEY AND KATE M HALEY HIS WIFE	CITIES SERVICE OIL COMPANY	12/16/1942	233	232	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SE/4	TEXAS	28, 35
85415000	LEASE - OIL AND GAS	INA BANKS A WIDOW AND RUTH FRARY A SINGLE WOMAN	CITIES SERVICE GAS COMPANY	10/29/1945	252	74	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85416000	LEASE - OIL AND GAS	JOHN E LUTTRELL AND MARY DOROTHY LUTTRELL HUSBAND AND WIFE	CITIES SERVICE GAS COMPANY	12/20/1945	255	624	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85418000	LEASE - OIL AND GAS	MARIE FRARY- SINGLE	CITIES SERVICE GAS COMPANY	1/8/1946	252	71	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85420000	LEASE - OIL AND GAS	RAYMOND BANKS WIDOWER, ANITA BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL	CITIES SERVICE GAS COMPANY	10/29/1945	260	229	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85421000	LEASE - OIL AND GAS	RICHARD BANKS AND FRANCES BANKS HIS WIFE	CITIES SERVICE OIL COMPANY	3/14/1949	252	209	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; SW/4	TEXAS	28, 35
85389000	LEASE - OIL AND GAS	ROGER Y SHAFFER A SINGLE PERSON	PANHANDLE EASTERN PIPE LINE COMPANY	4/11/1951	257	322	4N	12ECM	13	4N12ECM13	4N-12ECM Sec. 13; NE/4	TEXAS	28, 35
85425000	LEASE - OIL AND GAS	ALICE C STAMPER AND FAY M STAMPER HER HUSBAND	CITIES SERVICE GAS COMPANY	12/28/1945	252	87	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85422000	LEASE - OIL AND GAS	ANITA FERGUSON AS GUARDIAN OF THE PERSON AND ESTATE OF JERRY BANKS A MINOR	PANHANDLE EASTERN PIPE LINE COMPANY	3/20/1951	257	312	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85427000	LEASE - OIL AND GAS	CARRIE BARTON AND GREGG BARTON HER HUSBAND	CITIES SERVICE GAS COMPANY	1/14/1946	252	84	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85142000	LEASE - OIL AND GAS	DELLA DELONG A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	5/9/1942	231	285	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; NE/4	TEXAS	28
85155000	LEASE - OIL AND GAS	DONALD NICHOLAS AND HELEN NICHOLAS HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/25/1943	240	39	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; NW/4	TEXAS	28
85423000	LEASE - OIL AND GAS	INA BANKS A WIDOW AND RUTH FRARY A SINGLE WOMAN	CITIES SERVICE GAS COMPANY	10/29/1945	252	73	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85424000	LEASE - OIL AND GAS	JOHN E LUTTRELL AND MARY DOROTHY LUTTRELL HUSBAND AND WIFE	CITIES SERVICE GAS COMPANY	12/20/1945	252	622	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85133000	LEASE - OIL AND GAS	JOHN M GLODEN A WIDOWER AND MURIEL GLODEN SINGLE ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	6/4/1941	233	27	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SE/4	TEXAS	28
85426000	LEASE - OIL AND GAS	MARIE FRARY- SINGLE	CITIES SERVICE GAS COMPANY	1/8/1946	252	70	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85428000	LEASE - OIL AND GAS	RAYMOND BANKS WIDOWER, ANITA BANKS FERGUSON AND CARLOS M FERGUSON HER HUSBAND ET AL	CITIES SERVICE GAS COMPANY	10/29/1945	260	231	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85429000	LEASE - OIL AND GAS	RICHARD BANKS AND FRANCES BANKS HIS WIFE	CITIES SERVICE OIL COMPANY	3/14/1949	252	208	4N	12ECM	24	4N12ECM24	4N-12ECM Sec. 24; SW/4	TEXAS	28
85282000	LEASE - OIL AND GAS	C E TROUT AS TRUSTEE UNDER A CERTAIN TRUST AGREEMENT DATED SEPTEMBER 9, 1942 BETWEEN OKED OIL COMPANY AND C E TROUT	PANHANDLE EASTERN PIPE LINE COMPANY	1/22/1947	257	67	4N	12ECM	36	4N12ECM36	4N-12ECM Sec. 36; SE/4	TEXAS	28
85277000	LEASE - OIL AND GAS	C L MATHEWSON AND LULU B MATHEWSON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/14/1945	251	380	4N	12ECM	36	4N12ECM36	4N-12ECM Sec. 36; SE/4	TEXAS	28
85344000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6014	W C ARROWSMITH	9/2/1947	260	627	4N	12ECM	36	4N12ECM36	4N-12ECM Sec. 36; NW/4	TEXAS	28
85279000	LEASE - OIL AND GAS	E E WESTERVELT AN INDIVIDUAL	PANHANDLE EASTERN PIPE LINE COMPANY	1/22/1947	257	56	4N	12ECM	36	4N12ECM36	4N-12ECM Sec. 36; SE/4	TEXAS	28
85280000	LEASE - OIL AND GAS	J M NOBLE A WIDOWER	PANHANDLE EASTERN PIPE LINE COMPANY	1/22/1947	257	58	4N	12ECM	36	4N12ECM36	4N-12ECM Sec. 36; SE/4	TEXAS	28

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
85278000	LEASE - OIL AND GAS	LAWSON G.GOODWIN AND MATILDA S GOODWIN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/17/1943	251	379	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: SE/4	TEXAS	28
85413000	LEASE - OIL AND GAS	LAWSON G.GOODWIN AND MATILDA S GOODWIN HIS WIFE	CITIES SERVICE OIL COMPANY	3/4/1943	233	348	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: SW/4	TEXAS	28
85281000	LEASE - OIL AND GAS	S G NELSON AND BOB NELSON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/29/1947	257	45	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: SE/4	TEXAS	28
85253000	LEASE - OIL AND GAS	TRUDIE J STRONG A SINGLE WOMAN	PANHANDLE EASTERN PIPE LINE COMPANY	9/18/1944	251	142	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: NE/4	TEXAS	28
85283000	LEASE - OIL AND GAS	UNITY CONSOLIDATED SCHOOL DISTRICT #C-7 OF TEXAS COUNTY, OKLAHOMA BY R B SMITH, ROSS HART AND HARRY WEBB, THE TRUSTEES	PANHANDLE EASTERN PIPE LINE COMPANY	5/7/1951	237	325	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: SE/4	TEXAS	28
85278000	LEASE - OIL AND GAS	W C KITE AND MAUDE BANDEL KITE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/21/1947	257	29	4N	12ECM	36	4N12ECM36	4N-12ECM Sec.36: SE/4	TEXAS	28
95911000 59885000	LEASE - OIL AND GAS	KANSAS LIFE INSURANCE CO	FRED C. KOCH	6/10/1943	244	72	4N	12ECM	5	4N12ECM5	SECTION 5: LOTS 1, 2, S/2 NE/4 AND SW/4 LIMITED TO THE WELLBORE ONLY OF THE BESSIE 5-1 WELL (API 3513923688). 4N-12ECM Sec.1: SW/4	TEXAS	28
33053000	LEASE - OIL AND GAS	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	1/12/1946	252	130	4N	13ECM	1	4N13ECM1	4N-13ECM Sec.1: SW/4	TEXAS	28
33059000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE 3-25-1946 SALE	J E WOOD	3/25/1946	260	171	4N	13ECM	1	4N13ECM1	4N-13ECM Sec.1: Lots 1, 2, 3, 4, S/2 N/2	TEXAS	28
33019000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN CO	PANHANDLE EASTERN PIPE LINE CO	6/2/1941	231	72	4N	13ECM	11	4N13ECM11	4N-13ECM Sec.11: NW/4; S/2	TEXAS	28
33023000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	STANLEY MARSH, JR	9/8/1938	217	2	4N	13ECM	11	4N13ECM11	4N-13ECM Sec.11: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/1997	958	553	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	HITCH ENTERPRISES INC	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	443	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	HORTENSE BARRERE TRUSTEE OF THE HORTENSE BARRERE FAMILY TRUST	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	723	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE	ANADARKO PETROLEUM CORPORATION	11/1/1997	963	744	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
33019000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN CO	PANHANDLE EASTERN PIPE LINE CO	6/2/1941	231	72	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NW/4	TEXAS	28
N/A	LEASE - OIL AND GAS	JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/1997	958	585	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/1/1997	958	557	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	JERRY W RIZLEY AND MARGARET RIZLEY HIS WIFE	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	439	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	KARICK ASA PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO-TRUSTEES OF THE MARIORIE H PRICE TESTAMENTARY TRUST	ANADARKO PETROLEUM CORPORATION	11/15/1997	961	725	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	LAMOYNE COX AND JOHN COX HER HUSBAND	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	727	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	MARGARET BRAUNER RIZLEY	ANADARKO PETROLEUM CORPORATION	2/1/1998	965	742	4N	13ECM	12	4N13ECM12	4N-13ECM Sec.12: NE/4	TEXAS	28



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
N/A	LEASE - OIL AND GAS	MARY DONNA LONG WILLMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/19/1997	959	748	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12; NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	MAX D RIZLEY A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/13/1997	961	441	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12; NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	MELVIN R CAMP SR INDIVIDUALLY AND AS EXECUTOR OF THE ESTATE OF M ELAINE CAMP, DECEASED	ANADARKO PETROLEUM CORPORATION	11/10/197	965	181	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12; NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	ROBERT S RIZLEY A SINGLE MAN	ANADARKO PETROLEUM CORPORATION	1/15/1998	962	468	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12; NE/4	TEXAS	28
N/A	LEASE - OIL AND GAS	W K PRICE & FIRST UNION NATIONAL BANK OF FLORIDA CO-TRUSTEES OF THE MARIORIE H PRICE TESTAMENTARY TRUST	ANADARKO PETROLEUM CORPORATION	1/20/1998	967	177	4N	13ECM	12	4N13ECM12	4N-13ECM Sec. 12; NE/4	TEXAS	28
3301800	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	PANHANDLE EASTERN PIPE LINE CO	6/2/1941	231	71	4N	13ECM	14	4N13ECM14	4N-13ECM Sec. 14; ALL	TEXAS	28
85147000	LEASE - OIL AND GAS	JAMES E SHAFFER AND MADDIE A SHAFFER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	233	196	4N	13ECM	18	4N13ECM18	4N-13ECM Sec. 18; W/2	TEXAS	28
85146000	LEASE - OIL AND GAS	R B SMITH AND IRENE G SMITH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	240	4	4N	13ECM	18	4N13ECM18	4N-13ECM Sec. 18; SE/4	TEXAS	28
85148000	LEASE - OIL AND GAS	ROGER Y SHAFFER AND MAYME SHAFFER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/19/1942	240	7	4N	13ECM	18	4N13ECM18	4N-13ECM Sec. 18; NE/4	TEXAS	28
95853000	LEASE - OIL AND GAS	JAMES E. SHAFFER ET UX	HENRY V. WACKER	3/1/1944	232	543	4N	13ECM	19	4N13ECM19	SECTION 19; NE/4 LIMITED TO RIGHTS BELOW THE BASE OF THE CHASE FORMATION	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	99	4N	13ECM	19	4N13ECM19	4N-13ECM Sec. 19; E/2 W/2; Lots 1, 2, 3, 4	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	99	4N	13ECM	20	4N13ECM20	4N-13ECM Sec. 20; NW/4; S/2	TEXAS	28
85301000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6022	J E WOOD	3/25/1946	260	169	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21; NW/4	TEXAS	28
85107000	LEASE - OIL AND GAS	FRANCIS J GROVE AND OPAL GROVE HIS WIFE; EUGENE R GROVE AND LILLIE GROVE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	10/29/1974	231	246	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21; SW/4	TEXAS	28
85106000	LEASE - OIL AND GAS	LEON ALLEN AND MARY ALLEN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/6/1941	231	248	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21; NE/4	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	99	4N	13ECM	21	4N13ECM21	4N-13ECM Sec. 21; SE/4	TEXAS	28
33020000	LEASE - OIL AND GAS	CONTINENTAL ASSURANCE COMPANY, A CORPORATION	FRANK PARKES	6/4/1941	210	136	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22; N/2	TEXAS	28
85120000	LEASE - OIL AND GAS	O C GLATTHAAR AND BESSIE GLATTHAAR HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1941	210	99	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22; SW/4	TEXAS	28
85746000	LEASE - OIL AND GAS	ROY P VAIL AND HELEN J VAIL CO-TRUSTEES OF THE VAIL-GLATTHAAR FAMILY TRUST DATED THE 28TH DAY OF JANUARY, 1984	ANADARKO PETROLEUM CORPORATION	11/10/1997	959	753	4N	13ECM	22	4N13ECM22	4N-13ECM Sec. 22; N/2 SW/4; S/2 SW/4	TEXAS	28
33052000	LEASE - OIL AND GAS	EDDIE T POWELL A SINGLE AND UNMARRIED MAN	PANHANDLE EASTERN PIPE LINE COMPANY	11/9/1944	251	203	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23; NW/4	TEXAS	28
33038000	LEASE - OIL AND GAS	FAUNNES WILSON AND LILLIE B WILSON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	9/19/1945	251	458	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23; SE/4	TEXAS	28
33021000	LEASE - OIL AND GAS	H W WACKER AND ELGIE WACKER HIS WIFE; GREAT SOUTHERN LIFE INSURANCE COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	10/30/1941	231	265	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23; NE/4	TEXAS	28

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concaterstate	Legal Description	County	Footnote
33016000	LEASE - OIL AND GAS	WINFIELD A POWELLA SINGLE MAN; KENNETH POWELL AND GLADYS POWELL HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/17/1941	231	215	4N	13ECM	23	4N13ECM23	4N-13ECM Sec. 23; SW/4	TEXAS	28
85189000	LEASE - OIL AND GAS	MARTIN H KEENAN AND KATE KEENAN HIS WIFE	J W MCCOLL	3/24/1941	210	47	4N	13ECM	25	4N13ECM25	4N-13ECM Sec. 25; NW/4	TEXAS	28
85181000	LEASE - OIL AND GAS	MARTIN KEENAN AND KATE KEENAN HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/28/1936	198	539	4N	13ECM	25	4N13ECM25	4N-13ECM Sec. 25; E2; SW/4	TEXAS	28
85181000	LEASE - OIL AND GAS	MARTIN KEENAN AND KATE KEENAN HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/28/1936	198	539	4N	13ECM	26	4N13ECM26	4N-13ECM Sec. 26; E2	TEXAS	28
85123000	LEASE - OIL AND GAS	PAUL A SMITH AND RUTH SMITH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/17/1941	231	222	4N	13ECM	27	4N13ECM27	4N-13ECM Sec. 27; N2; S2; NW/4	TEXAS	28
85143000	LEASE - OIL AND GAS	R B SMITH AND IRENE G SMITH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	5/23/1942	231	286	4N	13ECM	30	4N13ECM30	4N-13ECM Sec. 30; All	TEXAS	28
85123000	LEASE - OIL AND GAS	PAUL A SMITH AND RUTH SMITH HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/17/1941	231	222	4N	13ECM	34	4N13ECM34	4N-13ECM Sec. 34; SW/4	TEXAS	28
85188000	LEASE - OIL AND GAS	EULA BURK A SINGLE WOMAN	T B ROACH	3/24/1942	232	100	4N	13ECM	35	4N13ECM35	4N-13ECM Sec. 35; NE/4 NE/4	TEXAS	28
85187000	LEASE - OIL AND GAS	L D MARR AND JULIA LEE MARR HIS WIFE	H W LONG	1/25/1941	210	20	4N	13ECM	35	4N13ECM35	4N-13ECM Sec. 35; W2; NE/4; SE/4 NE/4; NW/4	TEXAS	28
85210000	LEASE - OIL AND GAS	LOLA AND EDD GRIFFITH HER HUSBAND	J W MCCOLL	3/10/1941	210	48	4N	13ECM	35	4N13ECM35	4N-13ECM Sec. 35; SE/4	TEXAS	28
33016000	LEASE - OIL AND GAS	WINFIELD A POWELL A SINGLE MAN; KENNETH POWELL AND GLADYS POWELL HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/17/1941	231	215	4N	13ECM	35	4N13ECM35	4N-13ECM Sec. 35; SW/4	TEXAS	28
85204000	LEASE - OIL AND GAS	EVALEEN HENSON A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	7/28/1948	257	176	4N	13ECM	36	4N13ECM36	4N-13ECM Sec. 36; NE/4 NE/4	TEXAS	28
85184000	LEASE - OIL AND GAS	KATE KEENAN A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	4/30/1947	257	114	4N	13ECM	36	4N13ECM36	4N-13ECM Sec. 36; NE/4 NE/4	TEXAS	28
85181000	LEASE - OIL AND GAS	MARTIN KEENAN AND KATE KEENAN HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/28/1936	198	539	4N	13ECM	36	4N13ECM36	4N-13ECM Sec. 36; NE/4 NE/4	TEXAS	28
85186000	LEASE - OIL AND GAS	W R WALLACE AND MARIE HENSON WALLACE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/14/1949	257	229	4N	13ECM	36	4N13ECM36	4N-13ECM Sec. 36; NE/4 NE/4	TEXAS	28
85158000	LEASE - OIL AND GAS	GLENN BROCE AND EDITH M BROCE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/6/1943	232	221	4N	13ECM	7	4N13ECM7	4N-13ECM Sec. 7; NE/4	TEXAS	28
85151000	LEASE - OIL AND GAS	R M GEORGE A WIDOWER	PANHANDLE EASTERN PIPE LINE COMPANY	12/11/1942	240	8	4N	13ECM	7	4N13ECM7	4N-13ECM Sec. 7; SE/4	TEXAS	28
85149000	LEASE - OIL AND GAS	ROGER Y SHAFFER AND MAYME SHAFFER HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/25/1942	240	6	4N	13ECM	7	4N13ECM7	4N-13ECM Sec. 7; W/2	TEXAS	28
33037000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	9/29/1936	204	122	4N	14ECM	16	4N14ECM16	4N-14ECM Sec. 16; E2; NE/4; S2; W2; NE/4	TEXAS	28
33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	16	4N14ECM16	4N-14ECM Sec. 16; NW/4	TEXAS	28
33049000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	REPUBLIC NATURAL GAS COMPANY	2/16/1942	232	79	4N	14ECM	17	4N14ECM17	4N-14ECM Sec. 17; NW/4	TEXAS	28
N/A	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	REPUBLIC NATURAL GAS COMPANY	11/22/1939	217	127	4N	14ECM	17	4N14ECM17	4N-14ECM Sec. 17; SW/4	TEXAS	28
33037000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	9/19/1936	204	122	4N	14ECM	17	4N14ECM17	4N-14ECM Sec. 17; SE/4	TEXAS	28
33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	17	4N14ECM17	4N-14ECM Sec. 17; NE/4	TEXAS	28
85177000	LEASE - OIL AND GAS	INTER-STATE CATTLE LOAN COMPANY	F C HALL	10/10/1935	176	552	4N	14ECM	18	4N14ECM18	4N-14ECM Sec. 18; NE/4	TEXAS	28
33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	18	4N14ECM18	4N-14ECM Sec. 18; NE/4	TEXAS	28
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	11/6/1933	192	11	4N	14ECM	18	4N14ECM18	4N-14ECM Sec. 18; S2; SE/4; N2; SE/4	TEXAS	28



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33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	19	4N14ECM19	4N-14ECM Sec. 19: E2 SE/4; E2 NE/4	TEXAS	28
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	11/6/1933	192	11	4N	14ECM	19	4N14ECM19	4N-14ECM Sec. 19: NW/4 NW/4; S/2 NW/4; SW/4 SE/4	TEXAS	28
33036000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	5/31/1933	189	397	4N	14ECM	20	4N14ECM20	4N-14ECM Sec. 20: NW/4	TEXAS	28
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	11/6/1933	192	11	4N	14ECM	29	4N14ECM29	4N-14ECM Sec. 29: N/2 NW/4	TEXAS	28
85181000	LEASE - OIL AND GAS	MARTIN KEENAN AND KATE KEENAN HIS WIFE	EMPIRE OIL AND REFINING COMPANY	3/28/1936	198	539	4N	14ECM	30	4N14ECM30	4N-14ECM Sec. 30: SE/4; W/2	TEXAS	28
85201000	LEASE - OIL AND GAS	CHARLES U REUST AND FLORA E REUST HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/17/1933	189	393	4N	14ECM	32	4N14ECM32	4N-14ECM Sec. 32: E2 SE/4; NE/4 NE/4; SE/4 NE/4; W/2 NE/4; W/2 SE/4	TEXAS	28
33030000	LEASE - OIL AND GAS	DELLA DELONG A SINGLE WOMAN	EMPIRE OIL AND REFINING COMPANY	4/24/1933	180	457	4N	14ECM	5	4N14ECM5	4N-14ECM Sec. 5: E/2	TEXAS	28, 30
33029000	LEASE - OIL AND GAS	JAMES W J WILLIAMSON AND DAISY WILLIAMSON HIS WIFE	EMPIRE OIL AND REFINING COMPANY	6/30/1933	189	460	4N	14ECM	5	4N14ECM5	4N-14ECM Sec. 5: NW/4	TEXAS	28, 30
85167000	LEASE - OIL AND GAS	THE FEDERAL FARM MORTGAGE CORPORATION BY THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS ITS AGENT AND ATTORNEY-IN-FACT	PANHANDLE EASTERN PIPE LINE COMPANY	7/9/1943	232	296	4N	14ECM	5	4N14ECM5	4N-14ECM Sec. 5: SW/4	TEXAS	28, 30
N/A	LEASE - OIL AND GAS	C DAVID LONG A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/17/1997	958	555	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HELEN EASTERWOOD BOUNDS A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/21/1997	958	574	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	HUBERT AND HELEN ELROD TRUST BY HUBERT ELROD TRUSTEE	ANADARKO PETROLEUM CORPORATION	11/17/1997	963	742	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	JAY LILE A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/17/1997	958	567	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	JENNIE LOU LONG MCKINNON A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/17/1997	958	559	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	MARY DONNA LONG WILMETH A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/19/1997	959	746	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
33034000	LEASE - OIL AND GAS	THE SOUTHWESTERN LIVE STOCK AND LOAN COMPANY	EMPIRE OIL AND REFINING COMPANY	11/6/1933	192	11	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: E2 SE/4; W/2 SW/4	TEXAS	28
N/A	LEASE - OIL AND GAS	TWILA EASTERWOOD A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/27/1997	958	561	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
N/A	LEASE - OIL AND GAS	VERA JANE EASTERWOOD A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	10/27/1997	958	563	4N	14ECM	7	4N14ECM7	4N-14ECM Sec. 7: NW/4	TEXAS	28, 32
33035000	LEASE - OIL AND GAS	ALBERT GUMPER AND ROSA GUMPER HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/12/1933	180	542	4N	14ECM	9	4N14ECM9	4N-14ECM Sec. 9: E2 NE/4; W/2 NE/4; W/2 SE/4	TEXAS	28, 31
33035000	LEASE - OIL AND GAS	ALBERT GUMPER AND ROSA GUMPER HIS WIFE	EMPIRE OIL AND REFINING COMPANY	5/12/1933	180	542	4N	14ECM	9	4N14ECM9	4N-14ECM Sec. 9: E2 SE/4	TEXAS	28, 31
33031003	LEASE - OIL AND GAS	GEORGE H CLEM AND MARVELLE E CLEM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1947	257	99	4N	14ECM	9	4N14ECM9	4N-14ECM Sec. 9: W/2 SW/4	TEXAS	28, 31
33031002	LEASE - OIL AND GAS	MARIE HENSON WALLACE AND W R WALLACE HER HUSBAND; AND EVALEEN HENSON A SINGLE WOMAN	CITIES SERVICE OIL COMPANY	7/24/1943	244	188	4N	14ECM	9	4N14ECM9	4N-14ECM Sec. 9: W/2 SW/4	TEXAS	28, 31
33031001	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	T B ROACH	9/18/1941	232	65	4N	14ECM	9	4N14ECM9	4N-14ECM Sec. 9: E2 SW/4; W/2 NW/4; W/2 SW/4; E2 NW/4	TEXAS	28, 31
33169000	LEASE - OIL AND GAS	CHARLES E CHITTENDEN AND JOANNA M CHITTENDEN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1941	231	88	4N	16ECM	11	4N16ECM11	4N-16ECM Sec. 11: S/2 NW/4; NW/4 NW/4	TEXAS	28

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitance	Legal Description	County	Footnote
33167000	LEASE - OIL AND GAS	GEORGE D LOWRY AND WIFE ROSA LOWRY	PEERLESS OIL AND GAS COMPANY	11/22/1942	210	207	4N	16ECM	11	4N16ECM11	4N-16ECM Sec. 11: E/2 NE/4; SW/4; SW/4 NE/4	TEXAS	28
33168000	LEASE - OIL AND GAS	GOTTILIEB WERNER THE FORMER HUSBAND OF ELIZABETH WERNER DECEASED AND ANNA WERNER HIS WIFE ET AL	VRGIL THURMAN	8/12/1939	215	586	4N	16ECM	11	4N16ECM11	4N-16ECM Sec. 11: NE/4 NW/4; NW/4 NE/4	TEXAS	28
33132000	LEASE - OIL AND GAS	JOSEPHINE LONG A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	8/10/1944	251	36	4N	16ECM	17	4N16ECM17	4N-16ECM Sec. 17: ALL	TEXAS	28
33133002	LEASE - OIL AND GAS	CLARICE SINGLETON NEVENS AND RALEIGH OWEN NEVENS HER HUSBAND ET AL	D D HARRINGTON	6/21/1947	257	124	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SE/4	TEXAS	28
33133001	LEASE - OIL AND GAS	ERNEST FISCHER AND ANNA E FISCHER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/8/1944	251	33	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SE/4	TEXAS	28
33132000	LEASE - OIL AND GAS	JOSEPHINE LONG A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	8/10/1944	251	36	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: NE/4	TEXAS	28
33135000	LEASE - OIL AND GAS	KENNETH E LOWTHER ADMINISTRATOR OF THE ESTATE OF NELLIE BLOWTHER DECEASED; KENNETH E LOWTHER INDIVIDUALLY AND BARBARA HICKS LOWTHER HIS WIFE ET AL	SKELLY OIL COMPANY	9/16/1944	255	351	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: NW/4	TEXAS	28
33136000	LEASE - OIL AND GAS	WILLIAM BRUNE AND PAULINE BRUNE HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/3/1944	232	625	4N	16ECM	20	4N16ECM20	4N-16ECM Sec. 20: SW/4	TEXAS	28
33178000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE EB1	STANOLIND OIL AND GAS COMPANY	4/7/1944	243	618	4N	17ECM	15	4N17ECM15	4N-17ECM Sec. 15: NE/4; NW/4; SE/4	TEXAS	28
33177000	LEASE - OIL AND GAS	HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	2/3/1943	240	28	4N	17ECM	15	4N17ECM15	4N-17ECM Sec. 15: SW/4	TEXAS	28
33177000	LEASE - OIL AND GAS	HENRY C PETROWSKY AND ANNA D PETROWSKY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	2/3/1943	240	28	4N	17ECM	16	4N17ECM16	4N-17ECM Sec. 16: NE/4	TEXAS	28
33120000	LEASE - OIL AND GAS	C A MOORE A SINGLE MAN AKA CARLA MOORE	PEERLESS OIL AND GAS COMPANY	12/31/1942	210	200	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: NE/4	TEXAS	28
33126000	LEASE - OIL AND GAS	HARVEY E FRINROCK AND ERNA A FRINROCK HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	6/6/1941	231	77	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: SW/4; W/2 NW/4	TEXAS	28
33125000	LEASE - OIL AND GAS	SIDNEY F DAFFORN AND BERNICE M DAFFORN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/22/1944	251	57	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: SE/4	TEXAS	28
33127000	LEASE - OIL AND GAS	WHEELER A GUSTIN A SINGLE MAN	D D HARRINGTON	9/5/1946	251	618	4N	17ECM	18	4N17ECM18	4N-17ECM Sec. 18: E/2 NW/4	TEXAS	28
31807000	LEASE - OIL AND GAS	CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE; LESLIE D LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT	ANADARKO PRODUCTION COMPANY	4/28/1980	534	432	4N	21ECM	1	4N21ECM1	4N-21ECM Sec. 1: Lots 3 & 4; S/2 NW/4	BEAVER	3
31850002	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22356	ANADARKO PETROLEUM CORPORATION	1/11/1999	1025	72	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4 NE/4	BEAVER	3
31850003	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS 22357	ANADARKO PETROLEUM CORPORATION	1/11/1999	1025	68	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NE/4 NW/4	BEAVER	3
32246021	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1988	1020	508	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SE/4	BEAVER	3
32246015	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1988	1020	504	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: SW/4	BEAVER	3
32246003	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1988	1020	500	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: NW/4; NW/4; S/2 NW/4	BEAVER	3
32246009	LEASE - OIL AND GAS	JAMES ALBERT BLAKEMORE JR AKA JAMES A BLAKEMORE JR	T S DUDLEY LAND COMPANY INC	12/28/1988	1020	496	4N	21ECM	10	4N21ECM10	4N-21ECM Sec. 10: S/2 NE/4	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32246025	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	271	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SE/4	BEAVER	3
32246020	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	267	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SW/4	BEAVER	3
32246013	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	263	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NE/4	BEAVER	3
32246006	LEASE - OIL AND GAS	MILTON H BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	259	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NW/4 NW/4; S/2 NW/4	BEAVER	3
32246007	LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-2931.4	ANADARKO PETROLEUM CORP	2/16/1999	1021	450	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NW/4 NW/4; S/2 NE/4; S/2 NW/4; SE/4; SW/4	BEAVER	3
32159000	LEASE - OIL AND GAS	PAUL G EDIGER AND WIFE SARAH EDIGER AKA SARA EDIGER	T S DUDLEY LAND COMPANY INC	8/5/1997	994	759	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NE/4 NE/4	BEAVER	3
31850001	LEASE - OIL AND GAS	SARAH EDIGER AKA SARA EDIGER AND HUSBAND PAUL G EDIGER	T S DUDLEY LAND COMPANY INC	8/5/1997	994	762	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NE/4 NW/4; NW/4 NE/4	BEAVER	3
32246016	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	480	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SW/4	BEAVER	3
32246022	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	482	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SE/4	BEAVER	3
32246004	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	488	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NW/4 NW/4; S/2 NW/4	BEAVER	3
32246010	LEASE - OIL AND GAS	THOMAS G BLAKEMORE	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	484	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NE/4	BEAVER	3
32246017	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	476	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SW/4	BEAVER	3
32246011	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	464	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NE/4	BEAVER	3
32246023	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	468	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SE/4	BEAVER	3
32246001	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	12/28/1998	1020	472	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NW/4; NW/4 NW/4	BEAVER	3
32246014	LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	144	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SW/4	BEAVER	3
32246019	LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	140	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SE/4	BEAVER	3
32246008	LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	T S DUDLEY LAND COMPANY INC	12/28/1998	1019	152	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NE/4	BEAVER	3
32246002	LEASE - OIL AND GAS	VICTORY PRODUCTION LLC	TEXOMA LAND CONSULTANTS INC	12/28/1998	1019	148	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NW/4; NW/4 NW/4	BEAVER	3
32246018	LEASE - OIL AND GAS	YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	307	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SW/4	BEAVER	3
32246012	LEASE - OIL AND GAS	YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	315	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: S/2 NE/4	BEAVER	3
32246024	LEASE - OIL AND GAS	YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	303	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: SE/4	BEAVER	3
32246005	LEASE - OIL AND GAS	YEAGER TRUST DATED 4/26/90 BY JOYCE E YEAGER TRUSTEE	T S DUDLEY LAND COMPANY INC	12/28/1998	1022	311	4N	21ECM	10	4N21ECM10	4N-21ECM Sec.10: NW/4 NW/4; S/2 NW/4	BEAVER	3
32206000	LEASE - OIL AND GAS	OKLAHOMA WILDLIFE CONSERVATION COMMISSION CLO LEASE WC-2931.1	T S DUDLEY LAND COMPANY INC	5/12/2001	1064	124	4N	21ECM	16	4N21ECM16	4N-21ECM Sec.16: ALL	BEAVER	3
31774000	LEASE - OIL AND GAS	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	DALE K LAWYER	4/1/1978	492	13	4N	21ECM	2	4N21ECM2	4N-21ECM Sec.2: E/2 SW/4; SE/4	BEAVER	3.5
31845002	LEASE - OIL AND GAS	H S BLAKEMORE AND T JERRY BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	317	4N	21ECM	2	4N21ECM2	4N-21ECM Sec.2: W/2 SW/4	BEAVER	3.5

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31845004	LEASE - OIL AND GAS	JAMES A BLAKEMORE JR, BETTY JANE FETTELSON AND JOYCE EILENE YEAGER FORMERLY JOYCE EILENE ELLIS SIPRA JOYCE EILENE YEAGER	SHENANDOAH OIL CORPORATION	10/1/1976	455	349	4N	21E2CM	2	4N21E2CM2	4N-21E2CM Sec 2: W/2 SW/4	BEAVER	3, 5
31849000	LEASE - OIL AND GAS	LOUIS BRUCE JOHNSON, WENDY RENEE JOHNSON AND DEANNA GAIL JOHNSON	W R GRAY	5/13/1976	447	81	4N	21E2CM	2	4N21E2CM2	4N-21E2CM Sec 2: Lots 1 & 2; S/2 NE/4	BEAVER	3, 5
31845001	LEASE - OIL AND GAS	MILTON H BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	301	4N	21E2CM	2	4N21E2CM2	4N-21E2CM Sec 2: W/2 SW/4	BEAVER	3, 5
32024000	LEASE - OIL AND GAS	PAUL G EDIGER AND SARA EDIGER HIS WIFE	C M FLEETWOOD	6/14/1976	450	384	4N	21E2CM	2	4N21E2CM2	4N-21E2CM Sec 2: Lots 3 & 4; NW/4; S/2 NW/4	BEAVER	3, 5
31845003	LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/1/1976	455	333	4N	21E2CM	2	4N21E2CM2	4N-21E2CM Sec 2: W/2 SW/4	BEAVER	3, 5
31896001	LEASE - OIL AND GAS	E R JONES JR AND BETTY JONES HIS WIFE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	801	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: N/2 NW/4; W/2 NE/4	BEAVER	3
31896003	LEASE - OIL AND GAS	ELBERT CARTER AND CHAROLLETTE CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	649	578	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
31896006	LEASE - OIL AND GAS	ELIZABETH P LARCHIAN AND HARRY LARCHIAN HER HUSBAND	ANADARKO PRODUCTION COMPANY	5/29/1984	649	580	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
31896004	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN A MARRIED MAN DEALING IN HIS OWN SEPARATE PROPERTY AND LOVA JO BARNES, SINGLE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	580	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: W/2 NE/4	BEAVER	3
31857000	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES, SINGLE	ANADARKO PRODUCTION COMPANY	8/7/1981	563	567	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: N/2 NW/4; S/2 NW/4	BEAVER	3
31858000	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW, L BARR BROWN AND MARY BROWN HIS WIFE AND LOVA JO BARNES, SINGLE	ANADARKO PRODUCTION COMPANY	8/7/1981	563	570	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: SW/4	BEAVER	3
31895000	LEASE - OIL AND GAS	GERTRUDE B BROWN, L BARR BROWN A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY AND LOVA JO BARNES SINGLE	ANADARKO PRODUCTION COMPANY	6/20/1984	649	594	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: S/2 SE/4	BEAVER	3
31896001	LEASE - OIL AND GAS	JANE B HAYDEN AND BETHALTA PATTERSON AS TRUSTEES OF THE TRUST FUND A, TRUST FUND B AND TRUST FUND C UNDER THE TERMS & PROVISIONS OF THE LAST WILL AND TESTAMENT OF VIRGINIA MORRISON DECEASED	ANADARKO PRODUCTION COMPANY	5/23/1984	649	584	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
31896002	LEASE - OIL AND GAS	JEAN MARGARET PARSONS AND WAYNE PARSONS HER HUSBAND	ANADARKO PRODUCTION COMPANY	6/20/1984	649	797	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: N/2 NW/4; W/2 NE/4	BEAVER	3
31893002	LEASE - OIL AND GAS	JOHN S WRIGHT AND LUCILLE W WRIGHT HIS WIFE	ANADARKO PRODUCTION COMPANY	5/23/1984	649	586	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: NW/4 SE/4	BEAVER	3
31897007	LEASE - OIL AND GAS	M C MORRISON A SINGLE MAN	ANADARKO PRODUCTION COMPANY	7/7/1984	650	740	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
31896005	LEASE - OIL AND GAS	RICHARD C CARTER AND PAM CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	650	256	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: NE/4 SE/4; E/2 NE/4	BEAVER	3
31896004	LEASE - OIL AND GAS	ROBERT S CARTER AND ANITA CARTER HIS WIFE	ANADARKO PRODUCTION COMPANY	5/29/1984	649	582	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
31896003	LEASE - OIL AND GAS	RUTH WOOLEY MCDONALD A WIDOW	ANADARKO PRODUCTION COMPANY	6/20/1984	649	793	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: N/2 NW/4; W/2 NE/4	BEAVER	3
31893001	LEASE - OIL AND GAS	THOMAS C WRIGHT JR A SINGLE MAN	ANADARKO PRODUCTION COMPANY	5/23/1984	649	588	4N	21E2CM	20	4N21E2CM20	4N-21E2CM Sec 20: NW/4 SE/4	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31866002	LEASE - OIL AND GAS	WILLIAM B POWERS AND JEANNETTE POWERS AKA JEANNE L POWERS HIS WIFE (WILLIAM B POWERS SOLE HEIR OF EUGENE S POWERS DECEASED)	ANADARKO PRODUCTION COMPANY	5/21/1984	650	254	4N	21ECM	20	4N21ECM20	4N-21ECM Sec. 20: E/2 NE/4; NE/4 SE/4	BEAVER	3
32165032	LEASE - OIL AND GAS	THOMAS JERRY BLAKEMORE II	T S DUDLEY LAND COMPANY INC	9/2/1988	1014	11	4N	21ECM	21	4N21ECM21	4N-21ECM Sec. 21: NE/4	BEAVER	3
31820000	LEASE - OIL AND GAS	ESTHER L HANSHU	MCFARLAND EXPLORATION COMPANY	12/9/1980	546	26	4N	21ECM	25	4N21ECM25	4N-21ECM Sec. 25: SE/4	BEAVER	3.11
33283015	LEASE - OIL AND GAS	ALBERT HERBEL AND WIFE HELEN HERBEL	FUNK EXPLORATION	6/21/1982	588	604	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4; SW/4 NW/4; E/2 NW/4; NE/4	BEAVER	3
33283035	FORCE POOLED INTEREST	ANN BOWLING	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283035	FORCE POOLED INTEREST	ANN BOWLING	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3, 8
33283004	LEASE - OIL AND GAS	ARVEL JONES AND MARTHA JONES HIS WIFE	FUNK EXPLORATION	4/15/1982	584	409	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4; SW/4 NW/4; E/2 NW/4; NE/4	BEAVER	3
33283029	LEASE - OIL AND GAS	BERNICE M ANDERSON A SINGLE PERSON AND HER TO WALTER M ANDERSON DECEASED	FUNK EXPLORATION INC	7/27/1982	592	236	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3
33283032	LEASE - OIL AND GAS	BERTHA V BARR A WIDOW	FUNK EXPLORATION INC	2/14/1983	608	615	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283033	LEASE - OIL AND GAS	DELLA E BARR A WIDOW	FUNK EXPLORATION INC	2/8/1983	608	653	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3
33283031	LEASE - OIL AND GAS	DELLA JEAN HILBURN AND JERRY HILBURN HER HUSBAND	FUNK EXPLORATION INC	8/11/1982	594	3	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3
33283016	LEASE - OIL AND GAS	DR RALPH H FLEHER AND BEVERLY H FISHER HUSBAND AND WIFE	FUNK EXPLORATION	7/26/1982	592	141	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4; SW/4 NW/4; E/2 NW/4; NE/4	BEAVER	3
33283030	LEASE - OIL AND GAS	EARL L ANDERSEN A MARRIED PERSON ACTING INDIVIDUALLY AND HER OF WALTER M ANDERSON DECEASED	FUNK EXPLORATION INC	7/27/1982	591	410	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3
33283012	LEASE - OIL AND GAS	ELIZABETH L BURDGE AND GEORGE BURDGE HER HUSBAND	FUNK EXPLORATION	4/18/1982	584	393	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	BEAVER	3
33283028	LEASE - OIL AND GAS	ELVA FAYE CLARK A SINGLE PERSON AND HER TO WALTER M ANDERSON DECEASED	FUNK EXPLORATION INC	7/27/1982	592	143	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	Force Pooling Order No. 233772
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3, 8
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	Force Pooling Order No. 233772

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

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33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	Force Pooling Order No. 233772
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	3, 8
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3, 8
33283024	FORCE POOLED INTEREST	FIDELITY BANK AS TRUSTEES FOR THE PARKES TRUST AGREEMENT	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3, 8
33283006	LEASE - OIL AND GAS	FRANK OGDEN AND GLORIA OGDEN HIS WIFE	FUNK EXPLORATION	4/15/1982	594	391	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4, E/2 NW/4, SW/4, SW/4 NW/4	BEAVER	3
33283001	LEASE - OIL AND GAS	GERTRUDE B BROWN A WIDOW	FUNK EXPLORATION	11/19/1982	603	239	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4, NE/4, NW/4, NW/4, SW/4, SW/4 NW/4	BEAVER	3
33283010	LEASE - OIL AND GAS	HOME-STAKE OIL & GAS COMPANY	JAMES H HUTCHISON	3/12/1980	533	93	4N	21ECM	28	4N21ECM28	4N-21ECM	BEAVER	3
33283009	LEASE - OIL AND GAS	HOME-STAKE ROYALTY CORP	JAMES H HUTCHISON	3/12/1980	533	91	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4, SW/4, E/2 NW/4, SW/4 NW/4	BEAVER	3
33283014	LEASE - OIL AND GAS	HUBERT K ELROD AND HELEN ELROD HIS WIFE	FUNK EXPLORATION	4/16/1982	583	798	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4, SW/4 NW/4, E/2 NW/4, NE/4	BEAVER	3
33283007	LEASE - OIL AND GAS	JANET DAVIS DEALING IN HER SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/22/1983	608	651	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4, E/2 NW/4, SW/4, SW/4 NW/4	BEAVER	3
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3, 8
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	3
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	Force Pooling Order No. 233772
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3, 8
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	Force Pooling Order No. 233772
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3, 8
33283026	FORCE POOLED INTEREST	JEAN HINSHAW	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
33283037	FORCE POOLED INTEREST	JOE MARK MYERS	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283037	FORCE POOLED INTEREST	JOE MARK MYERS	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3.8
33283005	LEASE - OIL AND GAS	JOHN BOARD AND MERLENE BOARD HIS WIFE	FUNK EXPLORATION	4/15/1982	593	800	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4 SW/4; SW/4 NW/4; E/2 NW/4	BEAVER	3
33283017	LEASE - OIL AND GAS	JOY GILL AKA JOYCE GILL A WIDOW LIFE TENANT	FUNK EXPLORATION	7/22/1982	592	361	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4; SW/4 NW/4; E/2 NW/4; NE/4	BEAVER	3
33283034	FORCE POOLED INTEREST	KAYE SPIE ET AL	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283034	FORCE POOLED INTEREST	KAYE SPIE ET AL	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NW/4 NW/4	BEAVER	3.8
33283011	LEASE - OIL AND GAS	KERSHAW PROPERTIES A CO- PARTNERSHIP	JAMES H HUTCHISON	3/12/1980	533	89	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4; SW/4; E/2 NW/4; SW/4 NW/4	BEAVER	3
33283003	LEASE - OIL AND GAS	L BARR BROWN AKA LLOYD B BROWN A MARRIED MAN ACTING INDIVIDUALLY	FUNK EXPLORATION	11/19/1982	603	241	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4; NE/4; NW/4 NW/4; SW/4; SW/4 NW/4	BEAVER	3
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	3.8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: NE/4	BEAVER	Force Pooling Order No. 233772
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	3
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4 NW/4	BEAVER	3.8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3.8
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	3
33283022	FORCE POOLED INTEREST	LEE BLAKE ESTATE	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: E/2 NW/4	BEAVER	Force Pooling Order No. 233772
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21ECM	28	4N21ECM28	4N-21ECM Sec. 28: SW/4	BEAVER	3.8

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33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4	BEAVER	Force Pooling Order No. 233772
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4	BEAVER	3, 8
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: SW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: SW/4 NW/4	BEAVER	3, 8
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NE/4	BEAVER	3, 8
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NE/4	BEAVER	3
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NE/4	BEAVER	Force Pooling Order No. 233772
33283025	FORCE POOLED INTEREST	LEROY ESTERAK	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: SW/4	BEAVER	Force Pooling Order No. 233772
33283002	LEASE - OIL AND GAS	LOVA JO BARNES A SINGLE WOMAN	FUNK EXPLORATION	11/19/1982	604	214	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4; NE/4; NW/4 NW/4; SW/4; SW/4 NW/4	BEAVER	3
33283013	LEASE - OIL AND GAS	MARTINA C SCHMITT MARRIED WOMAN ACTING INDIVIDUALLY	FUNK EXPLORATION	6/24/1982	594	615	4N	21E1CM	28	4N21E1CM28	4N-21E1CM	BEAVER	3
33283027	LEASE - OIL AND GAS	MILDRED O HILL A SINGLE PERSON AND HEIR OF WALTER M ANDERSON DECEASED	FUNK EXPLORATION INC	7/27/1982	591	412	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: SW/4; SW/4 NW/4; E2 NW/4; NE/4	BEAVER	3
33283036	FORCE POOLED INTEREST	NEILL MYERS	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NW/4 NW/4	BEAVER	Force Pooling Order No. 233772
33283036	FORCE POOLED INTEREST	NEILL MYERS	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NW/4 NW/4	BEAVER	3, 8
33283020	LEASE - OIL AND GAS	P A LYON JR AND BUENA V LYON HIS WIFE	FUNK EXPLORATION	5/18/1982	565	138	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4; NE/4; SW/4; SW/4 NW/4	BEAVER	3
29285000	LEASE - OIL AND GAS	PHYCIE P MEYERS AND HUSBAND FLOYD H MYERS	JAMES H HUTCHISON	3/21/1980	533	98	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: SE/4	BEAVER	3
33283019	LEASE - OIL AND GAS	R P FULLER AND ELAINE FULLER HIS WIFE	FUNK EXPLORATION	5/18/1982	594	685	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4; NE/4; SW/4; SW/4 NW/4	BEAVER	3
33283018	LEASE - OIL AND GAS	ROBERT C DAVIS DEALING IN HIS SOLE AND SEPARATE PROPERTY	FUNK EXPLORATION	1/12/1983	607	501	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: NE/4; SW/4 NW/4; E2 NW/4; SW/4	BEAVER	3
33283021	FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4	BEAVER	3, 8
33283021	FORCE POOLED INTEREST	SANDRA CLUFF	FUNK EXPLORATION INC	2/23/1983	N/A	N/A	4N	21E1CM	28	4N21E1CM28	4N-21E1CM Sec. 28: E2 NW/4	BEAVER	Force Pooling Order No. 233772





Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitants	Legal Description	County	Footnote
31781002	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-14722	FUNK PETROLEUM	6/13/1978	509	174	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: E/2 SW/4; W/2 SE/4	BEAVER	3
31831002	LEASE - OIL AND GAS	H S BLAKEMORE AND T TERRY BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	321	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4; S/2 NE/4	BEAVER	3
31831001	LEASE - OIL AND GAS	JAMES A BLAKEMORE JR, BETTY JANE FETTELSON AND JOYCE ELYNE YEAGER FORMERLY JOYCE ELYNE ELLIS S/P/A JOYCE ELYNE YEAGER	SHENANDOAH OIL CORPORATION	10/1/1976	455	353	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4; S/2 NE/4	BEAVER	3
31831003	LEASE - OIL AND GAS	MILTON H BLAKEMORE	SHENANDOAH OIL CORPORATION	10/1/1976	455	305	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4; S/2 NE/4	BEAVER	3
31781003	LEASE - OIL AND GAS	PAUL G EDIGER AND SARA EDIGER HIS WIFE	ANADARKO PRODUCTION COMPANY	4/18/1980	533	549	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: W/2 SE/4; Lot 3: E/2 SW/4; SE/4 NW/4	BEAVER	3
31831004	LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/1/1976	455	337	4N	21E	3	4N21ECM3	4N-21ECM Sec. 3: Lots 1 & 2: E/2 SE/4; S/2 NE/4	BEAVER	3
31946009	LEASE - OIL AND GAS	BETTY JO ANDERSON A SINGLE PERSON	ANADARKO PRODUCTION COMPANY	2/12/1982	577	497	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3.11
31961003	LEASE - OIL AND GAS	BETTY JO ANDERSON A SINGLE PERSON	ANADARKO PRODUCTION COMPANY	2/12/1982	577	494	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SE/4	BEAVER	3.11
31946013	LEASE - OIL AND GAS	BILLY ALLEN ATTORNEY-IN-FACT FOR MABEL G ALLEN, MARJORIE LONG, JAMES H LONG, LOIS SCHARNHORST, LELA BOOHER, GAYLON LEE SCHULTZ, LAURA LONG, DOROTHY LONG, WILMA B RUSSELL, MAXINE LONG, BETTY SLOUACHEK, LUELLA CROUSE, BELUA JO MOORE, MONA ECCLES, LENORA PECK	BEREN CORPORATION	7/17/1980	537	263	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3.11
31942004	LEASE - OIL AND GAS	CECIL F RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY; CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	291	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: NE/4	BEAVER	3.11
31946008	LEASE - OIL AND GAS	CECIL F RAMSEY AS EXECUTOR OF THE ESTATE OF HELEN Z RAMSEY; CECIL F RAMSEY & EVELYN M RAMSEY HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	289	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3.11
31808000	LEASE - OIL AND GAS	ERNESTINE L MYERS A WIDOW	ANADARKO PRODUCTION COMPANY	5/23/1980	535	582	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: NW/4	BEAVER	3.11
N/A	TERM MINERAL DEED	ESTELLE BEIER	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21E	36	4N21ECM36	4N-21ECM SECTION 36: NE/4; E/2 SW/4	BEAVER	3.11
N/A	TERM MINERAL DEED	JOAN GUBERMAN	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21E	36	4N21ECM36	4N-21ECM SECTION 36: NE/4; E/2 SW/4	BEAVER	3.11
N/A	TERM MINERAL DEED	LORRAINE FRANCK	ANADARKO PETROLEUM CORPORATION	5/1/1997	1157	124	4N	21E	36	4N21ECM36	4N-21ECM SECTION 36: NE/4; E/2 SW/4	BEAVER	3.11
31946007	LEASE - OIL AND GAS	LUCY E STAFFORD A MARRIED WOMAN DEALING IN HER SOLE & SEPARATE PROPERTY	ANADARKO PRODUCTION COMPANY	2/22/1982	580	287	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3.11
31942003	LEASE - OIL AND GAS	LUCY E STAFFORD A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PRODUCTION COMPANY	2/22/1982	580	293	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: NE/4	BEAVER	3.11
31946002	LEASE - OIL AND GAS	MARY H REYNOLDS AND BILL REYNOLDS HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/12/1982	576	487	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SW/4	BEAVER	3.11
31961001	LEASE - OIL AND GAS	MARY H REYNOLDS AND BILL REYNOLDS HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/12/1982	576	484	4N	21E	36	4N21ECM36	4N-21ECM Sec. 36: SE/4	BEAVER	3.11



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31946011	LEASE - OIL AND GAS	MILDRED W LEWIS TRUSTEE FOR MILDRED W LEWIS TRUST	FUNK EXPLORATION	5/7/1982	584	389	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31946005	LEASE - OIL AND GAS	OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/17/1982	576	744	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31961002	LEASE - OIL AND GAS	OLLIE MAY FOGLEMAN AND LONAM RUSSELL FOGLEMAN HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/17/1982	576	741	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SE/4	BEAVER	3.11
31946006	LEASE - OIL AND GAS	RAYMOND L SMITH AKKA RAY SMITH AND LOUISE SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	299	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31942002	LEASE - OIL AND GAS	RAYMOND L SMITH AKKA RAY SMITH AND LOUISE SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	2/12/1982	580	301	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 NE/4	BEAVER	3.11
31946001	LEASE - OIL AND GAS	RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/11/1982	576	493	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31942001	LEASE - OIL AND GAS	RHEVA BRIDGEWATER AND G H BRIDGEWATER HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/11/1982	576	496	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 NE/4	BEAVER	3.11
31946004	LEASE - OIL AND GAS	RONALD J KAUP A SINGLE MAN	ANADARKO PRODUCTION COMPANY	2/12/1982	576	480	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31946003	LEASE - OIL AND GAS	VIRGINIA DAVIS WHITAKER AND HAL R WHITAKER HER HUSBAND	ANADARKO PRODUCTION COMPANY	2/13/1982	576	482	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31946012	LEASE - OIL AND GAS	WALTER J WILLIAMS & MILDRED M WILLIAMS HIS WIFE	FUNK EXPLORATION	5/7/1982	585	61	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31946010	LEASE - OIL AND GAS	WYATT H WILLIAMS JR TRUSTEE OF TRUST #1615	FUNK EXPLORATION	6/24/1982	595	201	4N	21ECM	36	4N21ECM36	4N-21ECM Sec 36 SW/4	BEAVER	3.11
31853003	LEASE - OIL AND GAS	DOYLE DOLLARHIDE ET UX	ANADARKO PRODUCTION COMPANY	8/13/1981	572	135	4N	21ECM	4	4N21ECM4	4N-21ECM SECTION 4 NE/4	BEAVER	3
31853002	LEASE - OIL AND GAS	MORRIS ATKINSON ET AL	ANADARKO PRODUCTION COMPANY	8/13/1981	563	565	4N	21ECM	4	4N21ECM4	4N-21ECM SECTION 4 NE/4	BEAVER	3
31853001	LEASE - OIL AND GAS	STEVE FRANZ ET UX	ANADARKO PRODUCTION COMPANY	7/13/1981	560	157	4N	21ECM	4	4N21ECM4	4N-21ECM SECTION 4 NE/4	BEAVER	3
31984002	CORRECTED LEASE - OIL AND GAS	MARION HARRIS PLUCKER AND ROBERT PLUCKER HER HUSBAND	ANADARKO PRODUCTION COMPANY	3/13/1984	655	226	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5 SE/4	BEAVER	3
31984001	LEASE - OIL AND GAS	RETTA E EHLERS AND HENRY EHLERS HER HUSBAND	ANADARKO PRODUCTION COMPANY	3/13/1984	653	495	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5 SE/4	BEAVER	3
31876001	CORRECTED LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	586	715	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: Lots 1 & 2 S/2 NE/4	BEAVER	3
31876001	LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	573	90	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: Lot 3 & 4 S/2 NW/4	BEAVER	3
31880001	LEASE - OIL AND GAS	ROY E SMITH AND MARGARET E SMITH HIS WIFE	ANADARKO PRODUCTION COMPANY	9/23/1981	573	98	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: SW/4	BEAVER	3
31878002	LEASE - OIL AND GAS	THOMAS E SMITH A SINGLE MAN	ANADARKO PRODUCTION COMPANY	9/23/1981	573	94	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: Lots 3 & 4 S/2 NW/4	BEAVER	3
31876002	LEASE - OIL AND GAS	THOMAS E SMITH A SINGLE MAN	ANADARKO PRODUCTION COMPANY	9/23/1981	586	711	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: Lots 1 & 2 S/2 NE/4	BEAVER	3
31880002	LEASE - OIL AND GAS	THOMAS E SMITH A SINGLE MAN	ANADARKO PRODUCTION COMPANY	9/23/1981	573	102	4N	21ECM	5	4N21ECM5	4N-21ECM Sec 5: SW/4	BEAVER	3
33256000	LEASE - OIL AND GAS	SIMCO LC	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	435	4N	21ECM	7	4N21ECM7	4N-21ECM Sec 7: Lot 4 SE/4 SW/4	BEAVER	3
33251001	LEASE - OIL AND GAS	THOMAS E SMITH REVOCABLE TRUST THOMAS E SMITH TRUSTEE	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	443	4N	21ECM	7	4N21ECM7	4N-21ECM Sec 7: Lots 1, 2 & 3; E/2 NW/4; N/2 SE/4; NE/4; NE/4 SW/4; S/2 SE/4	BEAVER	3
33254002	LEASE - OIL AND GAS	X DIAMOND X LC	R D DAVIS & ASSOCIATES INC	12/18/2002	1094	439	4N	21ECM	7	4N21ECM7	4N-21ECM Sec 7: Lots 1, 2 & 3; E/2 NW/4; N/2 SE/4; NE/4; NE/4 SW/4; S/2 SE/4	BEAVER	3
32156008	LEASE - OIL AND GAS	ERNEST EDIGER AND MARGARET E EDIGER HUSBAND AND WIFE	T S DUDLEY LAND COMPANY INC	3/12/1998	1009	208	4N	21ECM	8	4N21ECM8	4N-21ECM Sec 8: S/2 NW/4; N/2 NW/4	BEAVER	3
32156006	LEASE - OIL AND GAS	HELEN R EDIGER WIDOW AND SOLE HEIR OF HERMAN EDIGER DECEASED	T S DUDLEY LAND COMPANY INC	3/12/1998	1005	502	4N	21ECM	8	4N21ECM8	4N-21ECM Sec 8: S/2 NW/4; N/2 NW/4	BEAVER	3

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concentrate	Legal Description	County	Footnote
32156004	LEASE - OIL AND GAS	JOHN T SMITH LIVING TRUST DATED 9-1-93, JOHN T SMITH TRUSTEE	T S DUDLEY LAND COMPANY INC	8/23/1997	994	741	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: S/2 NW/4; SW/4	BEAVER	3
32156001	LEASE - OIL AND GAS	MENDO EDIGER	T S DUDLEY LAND COMPANY INC	8/15/1997	994	756	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: N/2 NW/4; S/2 NW/4	BEAVER	3
32156002	LEASE - OIL AND GAS	NANCY S ALLEN INDIVIDUALLY AND AS TRUSTEE OF THE RAY E ALLEN TRUST DATED 3-17-93	T S DUDLEY LAND COMPANY INC	9/19/1997	994	746	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: NE/4	BEAVER	3
32156005	LEASE - OIL AND GAS	ROY E SMITH LIVING TRUST, JOHN T SMITH & NANCY S ALLEN CO-TRUSTEES	T S DUDLEY LAND COMPANY INC	9/19/1997	995	687	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: SE/4	BEAVER	3
32156007	LEASE - OIL AND GAS	SELMA REUSSER AKA SELMA EDIGER REUSSER AND GAIL REUSSER HER HUSBAND	T S DUDLEY LAND COMPANY INC	31/27/1998	1005	505	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: S/2 NW/4; N/2 NW/4	BEAVER	3
32156003	LEASE - OIL AND GAS	THOMAS E SMITH REVOCABLE TRUST, THOMAS E SMITH TRUSTEE	T S DUDLEY LAND COMPANY INC	9/19/1997	994	751	4N	21ECM	8	4N21ECM8	4N-21ECM Sec. 8: N/2 NW/4; NE/4; S/2 NW/4; SE/4; SW/4	BEAVER	3
31871002	LEASE - OIL AND GAS	H S BLAKEMORE AND T JERRY BLAKEMORE	SHENANDOAH OIL CORPORATION	10/17/1976	455	417	4N	21ECM	9	4N21ECM9	4N-21ECM Sec. 9: All	BEAVER	3
31871003	LEASE - OIL AND GAS	JAMES A BLAKEMORE JR, BETTY JANE FEITELSON AND JOYCE ELINE YEAGER FORMERLY JOYCE ELINE ELLIS S/P/A JOYCE ELYNE YEAGER	SHENANDOAH OIL CORPORATION	10/17/1976	455	473	4N	21ECM	9	4N21ECM9	4N-21ECM Sec. 9: All	BEAVER	3
31871001	LEASE - OIL AND GAS	L B T INC	SHENANDOAH OIL CORPORATION	10/26/1976	457	373	4N	21ECM	9	4N21ECM9	4N-21ECM Sec. 9: All	BEAVER	3
31871005	LEASE - OIL AND GAS	MILTON H BLAKEMORE	SHENANDOAH OIL CORPORATION	10/17/1976	455	389	4N	21ECM	9	4N21ECM9	4N-21ECM Sec. 9: All	BEAVER	3
31871004	LEASE - OIL AND GAS	THOMAS G BLAKEMORE BY MILTON H BLAKEMORE ATTORNEY-IN-FACT	SHENANDOAH OIL CORPORATION	10/17/1976	455	445	4N	21ECM	9	4N21ECM9	4N-21ECM Sec. 9: All	BEAVER	3
31796000	LEASE - OIL AND GAS	CLYDE L KILE AND RUTH M KILE, HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/16/1951	32	191	4N	22ECM	15	4N22ECM15	4N-22ECM Sec. 15: SW/4 LIMITED TO THE WELLBORE OF THE JOYCE 1-15 WELL	BEAVER	3
31747000	LEASE - OIL AND GAS	D H WALTON AND HIS WIFE MORETA J WALTON	PHILLIPS PETROLEUM COMPANY A CORPORATION	3/24/1961	222	632	4N	22ECM	15	4N22ECM15	4N-22ECM Sec. 15: SE/4	BEAVER	3
31964000	LEASE - OIL AND GAS	WAYNE M WILSON AND PAT WILSON HIS WIFE	ANADARKO PRODUCTION COMPANY	2/17/1982	576	474	4N	22ECM	30	4N22ECM30	4N-22ECM Sec. 30: Lots 3 & 4; NE/4 SW/4; S/2 SE/4 & SE/4 SW/4	BEAVER	3.11
31965008	LEASE - OIL AND GAS	AMERICAN NATIONAL BANK OF AMARILLO	D A BASH & ASSOCIATES INC	5/19/1980	535	130	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	3.11
32082001	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA LEASE NO CS-17167	FUNK EXPLORATION	7/20/1982	594	435	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lots 3 & 4; E/2 SW/4	BEAVER	3.11
31975006	CORRECTED LEASE - OIL AND GAS	DORIS A WALSH	FUNK EXPLORATION INC	11/28/1982	689	504	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lot 1 & Lot 2; E/2 NW/4	BEAVER	3.11
31965002	LEASE - OIL AND GAS	ELLEN FLY AND CLARENCE FLY HER HUSBAND	ANADARKO PRODUCTION COMPANY	3/23/1982	580	285	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	11.13
31965005	LEASE - OIL AND GAS	ELLEN FLY GUARDIAN OF THE ESTATE OF GRACE ALLENE WILSON AN INCOMPETENT	FUNK EXPLORATION INC	9/24/1982	598	570	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: NE/4	BEAVER	3.11
31975003	LEASE - OIL AND GAS	ERNEST L UPPERT JR A SINGLE MAN	FUNK EXPLORATION	6/10/1982	591	624	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lots 1 & 2; E/2 NW/4	BEAVER	3.11
31975008	LEASE - OIL AND GAS	FARMERS UNITED COOPERATIVE POOL	F U C P DRILLING INC	12/16/1982	662	618	4N	22ECM	31	4N22ECM31	4N-22ECM Sec. 31: Lot 1 & Lot 2; E/2 NW/4	BEAVER	3.11, and further limited to rights obtained under Force Pooling Order #229816.



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoion Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31975007	LEASE - OIL AND GAS	FARMERS UNITED COOPERATIVE POOL	LATIGO OIL & GAS INC	12/16/1982	662	621	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lot 1 & Lot 2; E/2 NW/4	BEAVER	3.11 and further limited to rights obtained under Force Pooling Order #229816.
31975004	LEASE - OIL AND GAS	HENRY LIPPERT AND PEGGY LIPPERT HIS WIFE	FUNK EXPLORATION	6/10/1982	589	405	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 1 & 2; E/2 NW/4	BEAVER	3.11
31975005	LEASE - OIL AND GAS	HUGH HOWARD III	FUNK EXPLORATION INC	11/28/1982	652	451	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 1 & 2; E/2 NW/4	BEAVER	3.11, and less and except the existing wellbore known as the Funk Exploration Leroy 1-31.
31965007	LEASE - OIL AND GAS	JAMES CALHOUN GOLDING AND AMARILLO NATIONAL BANK, AMARILLO, TEXAS AS TRUSTEES FOR THE BEN GOLDING TRUST	D A BASH & ASSOCIATES INC	2/19/1980	535	132	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31975001	LEASE - OIL AND GAS	JOEL E FOGLEMAN & GUADALUPE FOGLEMAN HIS WIFE	ANADARKO PRODUCTION COMPANY	2/17/1982	576	795	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 1 & 2; E/2 NW/4	BEAVER	11.12
32082002	LEASE - OIL AND GAS	LEROY BOBBITT AND NELLIE BOBBITT, HUSBAND AND WIFE AS JOINT TENANTS	D A BASH & ASSOCIATES INC	2/19/1980	531	510	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 3 & 4; E/2 SW/4	BEAVER	3.11
31975002	LEASE - OIL AND GAS	LONAM RUSSELL FOGLEMAN AND OLLIE MAY FOGLEMAN HIS WIFE	ANADARKO PRODUCTION COMPANY	2/17/1982	576	738	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: Lots 1 & 2; E/2 NW/4	BEAVER	11.12
31965011	LEASE - OIL AND GAS	MAXINE ALLEN	FUNK EXPLORATION INC	3/6/1986	N/A	N/A	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31965011	LEASE - OIL AND GAS	MAXINE ALLEN	FUNK EXPLORATION INC	3/6/1986	N/A	N/A	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31965009	LEASE - OIL AND GAS	REEDA WOOD POOL, A WIDOW	D A BASH & ASSOCIATES INC	2/19/1980	535	128	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
32084000	LEASE - OIL AND GAS	RENA JO WILSON BEDEKER AND HARRY E BEDEKER JR WIFE AND HUSBAND	D A BASH & ASSOCIATES INC	2/20/1980	531	508	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: SE/4	BEAVER	3.11
31965006	LEASE - OIL AND GAS	TOM Z WRIGHT ATTORNEY-IN-FACT FOR BETTY K YOUNG, VIOLA I COBURN FORMERLY VIOLA K TALBOT AND COLIN A KELLY	FUNK EXPLORATION	12/29/1982	606	614	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31965003	LEASE - OIL AND GAS	TOM Z WRIGHT ATTORNEY-IN-FACT FOR JUANITA B WILSON, A WIDOW AND HEIR OF VERN WILSON DECEASED	FUNK EXPLORATION INC	9/24/1982	599	338	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31965004	LEASE - OIL AND GAS	TOM Z WRIGHT ATTORNEY-IN-FACT FOR VENIDA OSOLS ET AL	FUNK EXPLORATION INC	9/24/1982	598	663	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
31965001	LEASE - OIL AND GAS	WAYNE M WILSON AND PAT WILSON HIS WIFE	ANADARKO PRODUCTION COMPANY	2/17/1982	576	477	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	11.12
31965010	LEASE - OIL AND GAS	WAYNE WILSON	DOUGLAS E BURNS	12/21/1984	668	422	4N	22ECM	31	4N22ECM31	4N-22ECM Sec 31: NE/4	BEAVER	3.11
32086000	LEASE - OIL AND GAS	MAXINE ALLEN & BEN ALLEN WIFE AND HUSBAND	BOB CARROLL	2/26/1979	506	335	4N	22ECM	32	4N22ECM32	4N-22ECM Sec 32: NW/4 NW/4	BEAVER	3.11
32085000	LEASE - OIL AND GAS	WAYNE M WILSON & PATSY WILSON HUSBAND AND WIFE	BOB CARROLL	2/26/1979	506	341	4N	22ECM	32	4N22ECM32	4N-22ECM Sec 32: SW/4 NW/4	BEAVER	3.11
32105002	LEASE - OIL AND GAS	ALICE J HYDE A SINGLE WOMAN	RALPH P CLARK JR	2/27/1974	410	118	4N	22ECM	35	4N22ECM35	4N-22ECM Sec 35: W/2	BEAVER	3

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32105001	LEASE - OIL AND GAS	HELEN R JONES AND EARL S JONES HER HUSBAND A F STYLES, ACTING BY AND THROUGH HIS ATTORNEY-IN-FACT ELLEN STYLES WOODWARD, AND ELLEN STYLES WOODWARD AND R C WOODWARD, HER HUSBAND	PAN EASTERN EXPLORATION COMPANY	11/27/1973	405	330	4N	22ECM	35	4N22ECM35	4N-22ECM Sec 35: E/2, W/2	BEAVER	3
85475000	LEASE - OIL AND GAS	JOHN H ULLOM AND MAURINE ULLOM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	5/15/1953	294	446	5N	12ECM	1	5N12ECM1	5N-12ECM Sec. 1: NE/4	TEXAS	28
85474000	LEASE - OIL AND GAS	JOHN H ULLOM AND MAURINE ULLOM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/20/1953	294	395	5N	12ECM	1	5N12ECM1	5N-12ECM Sec. 1: SW/4	TEXAS	28
85386000	LEASE - OIL AND GAS	JOHN H ULLOM AND MAURINE ULLOM HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/6/1945	251	340	5N	12ECM	1	5N12ECM1	5N-12ECM Sec. 1: SE/4	TEXAS	28
85385000	LEASE - OIL AND GAS	MAGNOLIA PETROLEUM COMPANY	CITIES SERVICE OIL COMPANY	9/26/1947	257	146	5N	12ECM	1	5N12ECM1	5N-12ECM Sec. 1: SE/4	TEXAS	28
85380000	LEASE - OIL AND GAS	C R THOMAS AND MRS ETHEL W THOMAS HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/25/1947	257	24	5N	12ECM	10	5N12ECM10	5N-12ECM Sec. 10: NE/4	TEXAS	28
85214000	LEASE - OIL AND GAS	MADGE W BEVAN ET UX	PANHANDLE EASTERN PIPE LINE COMPANY	4/3/1953	294	397	5N	12ECM	10	5N12ECM10	5N-12ECM Sec. 10: E/2 E/2 SW/4; SE/4	TEXAS	28
33113000	LEASE - OIL AND GAS	MAUD W WOODWARD (NEE WOODWARD AND L J WOODARD HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	4/3/1953	294	400	5N	12ECM	10	5N12ECM10	5N-12ECM Sec. 10: NW/4; W/2 E/2 SW/4; W/2 SW/4	TEXAS	28
85302000	LEASE - OIL AND GAS	GRACE I DOGGETT AND B OGLE HER HUSBAND	G R GEAR	5/7/1946	251	607	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: NE/4	TEXAS	28, 29
85410000	LEASE - OIL AND GAS	GRACE I DOGGETT OGLE FORMERLY GRACE I DOGGETT AND B OGLE HER HUSBAND ET AL	CITIES SERVICE OIL COMPANY	6/12/1943	233	250	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: SE/4	TEXAS	28, 29
85263000	LEASE - OIL AND GAS	J E HEINTZ AND MARGARET M HEINTZ HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/6/1945	251	341	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: NW/4	TEXAS	28, 29
69958002	LEASE - OIL AND GAS	LOIS LINDEMANN FRANKENBERGER	M T DRISKO	12/20/1950	257	289	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: NW/4	TEXAS	28, 29
85264000	LEASE - OIL AND GAS	MRS FLORENCE MILLER TEBBS	M T DRISKO	12/20/1950	257	280	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: NW/4	TEXAS	28, 29
69958001	LEASE - OIL AND GAS	S T TUCKER AND WIFE ADA P TUCKER	FRANK PARKES	5/29/1943	232	199	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: SW/4	TEXAS	28, 29
85265000	LEASE - OIL AND GAS	W F RECH JR	M T DRISKO	12/20/1950	257	291	5N	12ECM	11	5N12ECM11	5N-12ECM Sec. 11: NW/4	TEXAS	28, 29
33039000	LEASE - OIL AND GAS	MAUD W WOODARD AND L J WOODARD HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	7/19/1943	232	354	5N	12ECM	15	5N12ECM15	5N-12ECM Sec. 15: NW/4	TEXAS	28
33069000	LEASE - OIL AND GAS	E G POLLOCK AND ANNA POLLOCK HIS WIFE	H BEN COX	5/25/1943	244	65	5N	12ECM	4	5N12ECM4	5N-12ECM Sec. 4: SE/4; E/2 E/2 SW/4	TEXAS	28
33068000	LEASE - OIL AND GAS	FRED L SUTTON AND BONNA L SUTTON HIS WIFE	H BEN COX	5/25/1943	244	56	5N	12ECM	4	5N12ECM4	5N-12ECM Sec. 4: W/2 E/2 SW/4; W/2 NW/4; W/2 SW/4	TEXAS	28
85407000	LEASE - OIL AND GAS	MANNAN H WOODWARD AND J C WOODWARD HER HUSBAND	H BEN COX	5/24/1943	244	53	5N	12ECM	4	5N12ECM4	5N-12ECM Sec. 4: E/2 NW/4; NE/4	TEXAS	28
85384000	LEASE - OIL AND GAS	MARTHA E BACON A WIDOW	H W LONG	10/28/1944	251	181	5N	12ECM	5	5N12ECM5	5N-12ECM Sec. 5: SE/4; SE/4	TEXAS	28
85163000	LEASE - OIL AND GAS	AGNES L SEALEY A SINGLE PERSON	PANHANDLE EASTERN PIPE LINE COMPANY	4/21/1953	294	407	5N	12ECM	7	5N12ECM7	5N-12ECM Sec. 7: Lob 1 and 2: E/2 NW/4	TEXAS	28
85461000	LEASE - OIL AND GAS	CLAREMONT COLLEGE A CALIFORNIA CORPORATION AS TRUSTEE UNDER THE WILL OF MARIE RANKIN CLARKE DECEASED	PANHANDLE EASTERN PIPE LINE COMPANY	5/19/1953	294	468	5N	12ECM	7	5N12ECM7	5N-12ECM Sec. 7: NE/4	TEXAS	28



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
85212000	LEASE - OIL AND GAS	ROY L BOOTH AND MARY E BOOTH HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/17/1953	294	412	5N	12ECM	7	5N12ECM7	SN-12ECM Sec. 7; Lots 3 & 4; E/2 SW/4; SE/4	TEXAS	28
85384000	LEASE - OIL AND GAS	MARTHA E BACON A WIDOW	H W LONG	10/28/1944	251	181	5N	12ECM	8	5N12ECM8	SN-12ECM Sec. 8; E/2 NE/4	TEXAS	28
69976000	LEASE - OIL AND GAS	MARY HAAR A WIDOW	CITIES SERVICE OIL COMPANY	6/14/1943	244	179	5N	13ECM	7	5N13ECM7	SN-13ECM Sec. 7; SE/4	TEXAS	28
85400000	LEASE - OIL AND GAS	DOROTHEA CROWTHER WHITE TRUSTEE	PANHANDLE EASTERN PIPE LINE COMPANY	1/23/1942	231	271	5N	14ECM	18	5N14ECM18	SN-14ECM Sec. 18; NW/4	TEXAS	28
33022000	LEASE - OIL AND GAS	DE MOSS RUDD A WIDOWER	PANHANDLE EASTERN PIPE LINE COMPANY	10/14/1944	251	154	5N	16ECM	10	5N16ECM10	SN-16ECM Sec. 10; E/2	TEXAS	28
33137000	LEASE - OIL AND GAS	WILLIAM N HAMLIN AKA W N HAMLIN AND HATTIE B HAMLIN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/25/1944	232	630	5N	16ECM	12	5N16ECM12	SN-16ECM Sec. 12; SW/4	TEXAS	28
33124000	LEASE - OIL AND GAS	BEAVER, MEADE AND ENGLEWOOD RAILROAD COMPANY	D HARRINGTON	7/1/1947	260	565	5N	16ECM	25	5N16ECM25	SN-16ECM Sec. 25; 3.04 acres in the NE/4 as more particularly described in said lease	TEXAS	28
33150000	LEASE - OIL AND GAS	NICHOLAS T RODGERS AND INES RODGERS HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	5/23/1944	232	632	5N	16ECM	26	5N16ECM26	SN-16ECM Sec. 26; SE/4	TEXAS	28
33179000	LEASE - OIL AND GAS	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/31/1944	251	84	5N	16ECM	4	5N16ECM4	SN-16ECM Sec. 4; NE/4	TEXAS	28
33180000	LEASE - OIL AND GAS	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	2/10/1941	210	14	5N	16ECM	4	5N16ECM4	SN-16ECM Sec. 4; SE/4	TEXAS	28
33181000	LEASE - OIL AND GAS	F A SWINGER AND LINDA SWINGER HIS WIFE AND BERT W SWINGER A WIDOWER	PANHANDLE EASTERN PIPE LINE COMPANY	6/19/1944	232	628	5N	16ECM	4	5N16ECM4	SN-16ECM Sec. 4; NW/4	TEXAS	28
33182000	LEASE - OIL AND GAS	F A SWINGER AND LINDA SWINGER HIS WIFE AND BERT W SWINGER A WIDOWER	PANHANDLE EASTERN PIPE LINE COMPANY	6/19/1944	232	629	5N	16ECM	4	5N16ECM4	SN-16ECM Sec. 4; SW/4	TEXAS	28
33183000	LEASE - OIL AND GAS	EMIL A MATTER AND HEDWIG MATTER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/31/1944	251	85	5N	16ECM	9	5N16ECM9	SN-16ECM Sec. 9; E/2 SW/4; NW/4; E/2; NW/4 SW/4; SW/4 SW/4	TEXAS	28
33123000	LEASE - OIL AND GAS	EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	12/2/1943	232	477	5N	17ECM	31	5N17ECM31	SN-17ECM Sec. 31; SE/2	TEXAS	28
33121000	LEASE - OIL AND GAS	EARL D BLACKWELDER AND GERTRUDE M BLACKWELDER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	12/2/1943	232	478	5N	17ECM	31	5N17ECM31	SN-17ECM Sec. 31; NE/4	TEXAS	28
33122000	LEASE - OIL AND GAS	EVELYN B WENDENHALL A SINGLE WOMAN	PANHANDLE EASTERN PIPE LINE COMPANY	2/19/1943	232	132	5N	17ECM	31	5N17ECM31	SN-17ECM Sec. 31; NW/4	TEXAS	28
33119000	LEASE - OIL AND GAS	B E BATEMAN AND FERNA FAYE BATEMAN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	1/6/1942	232	77	5N	17ECM	7	5N17ECM7	SN-17ECM Sec. 7; NE/4	TEXAS	28
31784000	LEASE - OIL AND GAS	ALYCE L CURRY AKA ALICE L CURRY AND P V CURRY HER HUSBAND	ANADARKO PRODUCTION COMPANY	8/27/1979	518	340	5N	20ECM	10	5N20ECM10	SN-20ECM Sec. 10; SE/4	BEAVER	3, 7
31786001	LEASE - OIL AND GAS	CHESTER F WINDSOR AKA C F WINDSOR AND VERA WINDSOR HIS WIFE	ANADARKO PRODUCTION COMPANY	9/4/1979	518	343	5N	20ECM	10	5N20ECM10	SN-20ECM Sec. 10; S/2 NW/4; SW/4	BEAVER	3, 7
31786002	LEASE - OIL AND GAS	EDNA L ELUSON A WIDOW AND DALE L LONG	ANADARKO PRODUCTION COMPANY	9/4/1979	519	364	5N	20ECM	10	5N20ECM10	SN-20ECM Sec. 10; SW/4	BEAVER	3, 7
31750000	LEASE - OIL AND GAS	H WAYNE PETERS AND SHIRLEY PETERS HIS WIFE	ANADARKO PRODUCTION COMPANY	8/27/1979	518	337	5N	20ECM	10	5N20ECM10	SN-20ECM Sec. 10; SE/4	BEAVER	3, 7
31788000	LEASE - OIL AND GAS	MARY ANN BUSH AND JOHN P BUSH HER HUSBAND	ANADARKO PRODUCTION COMPANY	9/4/1979	519	361	5N	20ECM	10	5N20ECM10	SN-20ECM Sec. 10; N/2; NW/4	BEAVER	3, 7
32271009	LEASE - OIL AND GAS	BESSIE LOUISE COLVIN AND CHARLES COLVIN HER HUSBAND	ANADARKO PETROLEUM CORPORATION	7/7/2000	1046	445	5N	20ECM	23	5N20ECM23	SN-20ECM Sec. 23; SW/4 SW/4	BEAVER	3
32271007	LEASE - OIL AND GAS	CECIL ADAIR CASADY AND IVAMAE CASADY HIS WIFE	ANADARKO PETROLEUM CORPORATION	6/19/2000	1046	441	5N	20ECM	23	5N20ECM23	SN-20ECM Sec. 23; SW/4 SW/4	BEAVER	3

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BOE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32013003	LEASE - OIL AND GAS	DORIS SWAN A WIDOW	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	412	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NE¼ SW¼	BEAVER	3
32271003	LEASE - OIL AND GAS	EDNA MAE CORRELL A WIDOW	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	437	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32023000	LEASE - OIL AND GAS	EDNA MAY CORRELL AND ROSCOE RAY CASADY AS CO-PERSONAL REPRESENTATIVES UNDER THE WILL OF EDNA A CASADY DECEASED	ANADARKO PETROLEUM CORPORATION	12/5/1985	704	436	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32012000	LEASE - OIL AND GAS	ELSA HUEBNER A WIDOW	ANADARKO PETROLEUM CORPORATION	11/25/1985	704	402	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼	BEAVER	3
32010000	LEASE - OIL AND GAS	FELIX HUEBNER AKA FELIX LOUIS HUEBNER A SINGLE MAN	ANADARKO PRODUCTION COMPANY	2/21/1985	674	249	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NW¼	BEAVER	3
32271005	LEASE - OIL AND GAS	HAROLD OSCAR CASADY AND MARTHA LOU CASADY HIS WIFE	ANADARKO PETROLEUM CORPORATION	5/30/2000	1046	429	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32011000	LEASE - OIL AND GAS	JACK A SLATTEN AKA JACK SLATTEN AND VERBEE L SLATTEN	ANADARKO PETROLEUM CORPORATION	11/25/1985	704	398	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NE¼	BEAVER	3
32271006	LEASE - OIL AND GAS	JENNIFER GAIL BREDELL A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	431	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32271001	LEASE - OIL AND GAS	JESSE DARL CASADY AND MARY ELLEN CASADY HIS WIFE	ANADARKO PETROLEUM CORPORATION	6/12/2000	1046	435	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32271008	LEASE - OIL AND GAS	JULIA ELIZABETH JORDAN A WIDOW	ANADARKO PETROLEUM CORPORATION	7/7/2000	1046	443	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32016004	LEASE - OIL AND GAS	KAREN D BARNES A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	424	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32016006	LEASE - OIL AND GAS	LARRY D PLATZ A SINGLE PERSON	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	430	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32016001	LEASE - OIL AND GAS	LEE L CASADY AND EFFIE M CASADY HIS WIFE	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	415	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32013002	LEASE - OIL AND GAS	M SWAN AND MARGARET SWAN HIS WIFE	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	409	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NE¼ SW¼	BEAVER	3
32016003	LEASE - OIL AND GAS	PATRONS STATE BANK & TRUST COMPANY AS TRUSTEE OF THE VERA NUGEN TRUST	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	421	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32016002	LEASE - OIL AND GAS	RICHARD L CASADY SR A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	418	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32013001	LEASE - OIL AND GAS	RICHARD SWAN AND ESTHER E SWAN HIS WIFE	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	406	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NE¼ SW¼	BEAVER	3
32016005	LEASE - OIL AND GAS	RITA MAE ZIELKE A MARRIED WOMAN DEALING IN HER SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	427	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SE¼ SW¼	BEAVER	3
32271004	LEASE - OIL AND GAS	ROSCOE RAY CASADY AND ROBERTA M CASADY HUSBAND AND WIFE	ANADARKO PETROLEUM CORPORATION	5/25/2000	1046	439	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32271002	LEASE - OIL AND GAS	VIDA MARGARET NOLAND AND JAMES FRANKLIN NOLAND HER HUSBAND	ANADARKO PETROLEUM CORPORATION	5/30/2000	1046	433	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; SW¼ SW¼	BEAVER	3
32022000	LEASE - OIL AND GAS	VINNY LUBBERS A WIDOW	ANADARKO PETROLEUM CORPORATION	11/27/1985	704	433	5N	20ECM	23	5N20ECM23	5N-20ECM Sec. 23; NW¼ SW¼	BEAVER	3
32131002	LEASE - OIL AND GAS	CLEFTON L LYNCH A SINGLE MAN	ANADARKO PETROLEUM CORPORATION	3/6/1998	1002	91	5N	20ECM	36	5N20ECM36	5N-20ECM Sec. 36; N½ NE¼ SW¼ NE¼	BEAVER	3
32153001	LEASE - OIL AND GAS	DANIEL EDWARD DUERSON A MARRIED MAN DEALING IN HIS SOLE AND SEPARATE PROPERTY	ANADARKO PETROLEUM CORPORATION	6/14/1997	990	442	5N	20ECM	36	5N20ECM36	5N-20ECM Sec. 36; W½	BEAVER	3
32153002	LEASE - OIL AND GAS	DORTHA LEA DUERSON A SINGLE WOMAN	ANADARKO PETROLEUM CORPORATION	6/14/1997	990 1019	439 519	5N	20ECM	36	5N20ECM36	5N-20ECM Sec. 36; W½	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoion Partners LLC and BCE-Mach LLC

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

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31756000	LEASE - OIL AND GAS	MARLENE KEATING, ADMINISTRATRIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRANZ DECEASED	2/9/1980	528	783	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: SW/4	BEAVER	3
31756003	LEASE - OIL AND GAS	ROY C LONG	4/4/1978	491	603	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NW/4	BEAVER	3
31756002	LEASE - OIL AND GAS	ROY G STICKLER JR AND BETTY J STICKLER HIS WIFE	5/22/1978	491	605	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NW/4	BEAVER	3
31756005	LEASE - OIL AND GAS	RUBY ARNOLD	4/4/1978	491	599	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NW/4	BEAVER	3
31802002	LEASE - OIL AND GAS	RUTH ARP AND T E ARP HER HUSBAND	4/7/1980	533	557	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NE/4	BEAVER	3
31756001	LEASE - OIL AND GAS	RUTH L SWART	4/4/1978	491	641	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NW/4	BEAVER	3
31802003	LEASE - OIL AND GAS	VIOLA JARRELL AND J M JARRELL HER HUSBAND	4/7/1980	533	565	5N	21ECM	13	5N21ECM13	SN-21ECM Sec. 13: NE/4	BEAVER	3
31814000	LEASE - OIL AND GAS	HENRY J BOESE AND THELMA BOESE HIS WIFE	11/7/1977	465	550	5N	21ECM	16	5N21ECM16	SN-21ECM Sec. 16: S/2 S/2 NW/4	BEAVER	3
31813000	LEASE - OIL AND GAS	HULDA I DICK AKA HULDA DICK AND N W DICK WIFE AND HUSBAND	12/15/1976	465	516	5N	21ECM	16	5N21ECM16	SN-21ECM Sec. 16: SW/4	BEAVER	3
31815000	LEASE - OIL AND GAS	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	5/10/1976	446	335	5N	21ECM	16	5N21ECM16	SN-21ECM Sec. 16: N/2 NW/4	BEAVER	3
31812000	LEASE - OIL AND GAS	VERA M WINDSOR AKA VERA WINDSOR AND CHESTER F WINDSOR WIFE AND HUSBAND	12/16/1976	465	510	5N	21ECM	16	5N21ECM16	SN-21ECM Sec. 16: N/2 S/2 NW/4	BEAVER	3
31816000	LEASE - OIL AND GAS	ABRAM A ISAAC AND AGNES V ISAAC HIS WIFE	9/10/1980	541	4	5N	21ECM	17	5N21ECM17	SN-21ECM Sec. 17: NE/4	BEAVER	3
31817000	LEASE - OIL AND GAS	ABRAM A ISAAC AND AGNES V ISAAC HIS WIFE	9/10/1980	541	8	5N	21ECM	17	5N21ECM17	SN-21ECM Sec. 17: SW/4	BEAVER	3
31795000	LEASE - OIL AND GAS	MARLENE KEATING ADMINISTRATRIX WITH WILL ANNEXED OF THE ESTATE OF HENRY FRANZ DECEASED	10/22/1979	519	716	5N	21ECM	17	5N21ECM17	SN-21ECM Sec. 17: NW/4	BEAVER	3
n/a	LEASE - OIL AND GAS	Howard L Franz and Dorothy Franz, husband and wife	11/30/1978	501	245	5N	21ECM	17	5N21ECM17	SN-21ECM Sec. 17: SE/4	BEAVER	3
31796000	LEASE - OIL AND GAS	MARLENE KEATING ADMINISTRATRIX WITH WILL ANNEXED OF THE ESTATE OF ANNA FRANZ DECEASED	2/28/1980	527	627	5N	21ECM	18	5N21ECM18	SN-21ECM Sec. 18: NE/4	BEAVER	3
31810000	LEASE - OIL AND GAS	L C WHISENANT AND ALICE WHISENANT HIS WIFE	3/28/1980	533	64	5N	21ECM	21	5N21ECM21	SN-21ECM Sec. 21: NW/4	BEAVER	3
3176000	LEASE - OIL AND GAS	CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE	3/30/1978	491	592	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: SW/4	BEAVER	3,9
31824006	LEASE - OIL AND GAS	DALE WAYNE PATTERSON	6/15/1978	492	562	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: SE/4	BEAVER	3,9
31824002	LEASE - OIL AND GAS	FLORENCE PATTERSON	6/15/1978	488	544	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: SE/4	BEAVER	3,9
31824005	LEASE - OIL AND GAS	GLENN R PATTERSON	6/15/1978	490	354	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: SE/4	BEAVER	3,9
31818000	LEASE - OIL AND GAS	LOUIS BRUCE JOHNSON, WENDY RENEE JOHNSON AND DEANNA JOHNSON PROCOPIOU, FORMERLY DEANNA GAIL JOHNSON	11/4/1980	545	127	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: NW/4	BEAVER	3
31824004	LEASE - OIL AND GAS	PAUL LEE PATTERSON	6/15/1978	490	356	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: SE/4	BEAVER	3,9
31830000	LEASE - OIL AND GAS	RICHARD H DORMAN AKA RICHARD DORMAN AND NEVA M DORMAN HIS WIFE	11/12/1976	456	351	5N	21ECM	23	5N21ECM23	SN-21ECM Sec. 23: NE/4	BEAVER	3,9



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31824001	LEASE - OIL AND GAS	RICHARD H DORMAN AKA RICHARD DORMAN AND NEVA M DORMAN HIS WIFE	SHEVANDOAH OIL CORPORATION	11/12/1976	456	311	5N	21ECM	23	5N21ECM23	5N-21ECM Sec 23: SE/4	BEAVER	3.9
31824003	LEASE - OIL AND GAS	SYLVIA ESTHER PATTERSON WICKERSHAM	A E MARTIN	6/15/1978	488	546	5N	21ECM	23	5N21ECM23	5N-21ECM Sec 23: SE/4	BEAVER	3.9
31773000	LEASE - OIL AND GAS	ARTHUR BENNETT AND ROSE MAE BENNETT HIS WIFE	DALE K LAWYER	4/1/1978	491	617	5N	21ECM	26	5N21ECM26	5N-21ECM Sec 26: SE/4	BEAVER	3
31780000	LEASE - OIL AND GAS	CORNELIUS PLETT AKA CURT PLETT AND BERTHA PLETT HIS WIFE	DALE K LAWYER	3/31/1978	491	608	5N	21ECM	26	5N21ECM26	5N-21ECM Sec 26: NW/4	BEAVER	3
31819000	LEASE - OIL AND GAS	GENE R GROVE AND LILLIE P GROVE HUSBAND AND WIFE	ANADARKO PRODUCTION COMPANY	6/6/1980	536	543	5N	21ECM	26	5N21ECM26	5N-21ECM Sec 26: NE/4	BEAVER	3
31771000	LEASE - OIL AND GAS	BERT EARL PATTERSON COMPANY	A B POLK	5/6/1978	492	22	5N	21ECM	27	5N21ECM27	5N-21ECM Sec 27: NE/4	BEAVER	3
31806000	LEASE - OIL AND GAS	CLEFTON L LYNCH AND DORIS E LYNCH HIS WIFE, LESLIE L LYNCH SINGLE BY CLEFTON L LYNCH ATTORNEY-IN-FACT	ANADARKO PRODUCTION COMPANY	4/7/1980	533	59	5N	21ECM	27	5N21ECM27	5N-21ECM Sec 27: NW/4	BEAVER	3
31754000	LEASE - OIL AND GAS	ELSIE PEARL JOHNSON A WIDOW	ANADARKO PRODUCTION COMPANY	4/7/1978	486	120	5N	21ECM	27	5N21ECM27	5N-21ECM Sec 27: SW/4	BEAVER	3
31809000	LEASE - OIL AND GAS	JAMES E HUSTED AND HELEN R HUSTED HIS WIFE	ANADARKO PRODUCTION COMPANY	4/1/1980	533	552	5N	21ECM	27	5N21ECM27	5N-21ECM Sec 27: SE/4	BEAVER	3
31745000	LEASE - OIL AND GAS	BENJAMIN WITZKE AND ANNIE WITZKE HIS WIFE	GULF OIL CORPORATION	6/14/1949	28	205	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lot 4: SE/4 SW/4	BEAVER	3
31738006	LEASE - OIL AND GAS	E J DUNIGAN JR, JAMES P DUNIGAN AS TRUSTEES FOR THE MARGARET SUE DUNIGAN ORIGINAL TRUST, THE W E DUNIGAN ORIGINAL TRUST AND THE JAMES P DUNIGAN ORIGINAL TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30, 1950	PANHANDLE EASTERN PIPELINE COMPANY	4/19/1958	186	262	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	3
31738004	LEASE - OIL AND GAS	F A DUNIGAN AND BESS DUNIGAN WIFE OF F A DUNIGAN	PANHANDLE EASTERN PIPELINE COMPANY	4/19/1958	186	264	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	3
31738005	LEASE - OIL AND GAS	F A DUNIGAN, J P BROWN, AS TRUSTEES FOR THE ROBERT TIMOTHY DUNIGAN ORIGINAL TRUST, THE WILLIAM DENNIS DUNIGAN ORIGINAL TRUST, THE JOHN TERANCE DUNIGAN ORIGINAL TRUST AND THE EDWARD MICHAEL DUNIGAN ORIGINAL TRUST UNDER TRUST INSTRUMENT DATED DECEMBER 30, 1950	PANHANDLE EASTERN PIPELINE COMPANY	4/19/1958	186	260	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: NE/4 E/2 NW/4; N/2 SE/4	BEAVER	3
31746000	LEASE - OIL AND GAS	MANSSELL L MCNEW AND WIFE ALINE MCNEW	S E ALLISON	8/21/1951	33	499	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: S/2 SE/4	BEAVER	3
31744000	LEASE - OIL AND GAS	N W DICK AND HULDA DICK HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	1/22/1958	183	640	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: NE/4 E/2 NW/4; N/2 SE/4	BEAVER	3
31738001	LEASE - OIL AND GAS	N W DICK AND HULDA DICK HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	1/22/1958	184	1	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	3
31738003	LEASE - OIL AND GAS	O D WILLIAMS AND MARIORIE WILLIAMS HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/19/1958	185	223	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	3
31738002	LEASE - OIL AND GAS	OSCAR HATCHER AND E C HATCHER HIS WIFE	PANHANDLE EASTERN PIPELINE COMPANY	4/22/1958	185	316	5N	21ECM	31	5N21ECM31	5N-21ECM Sec 31: Lots 1, 2 & 3: NE/4 SW/4	BEAVER	3
31765001	LEASE - OIL AND GAS	HOWARD L FRANZ ET AND DOROTHY FRANZ HIS WIFE	DALE K LAWYER	4/24/1978	492	27	5N	21ECM	33	5N21ECM33	5N-21ECM Sec 33: SW/4; NE/4 SE/4; NW/4	BEAVER	3

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31765002	LEASE - OIL AND GAS	MORRIS ATKINSON AND LOUISE ATKINSON HIS WIFE GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND.	ANADARKO PRODUCTION COMPANY	4/21/1978	486	111	5N	21ECM	33	5N21ECM33	5N-21ECM Sec.33; SW1/4	BEAVER	3
31765003	LEASE - OIL AND GAS	MORRIS ATKINSON AND LOUISE ATKINSON HIS WIFE GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND.	ANADARKO PRODUCTION COMPANY	4/21/1978	486	107	5N	21ECM	33	5N21ECM33	5N-21ECM Sec.33; NW1/4	BEAVER	3
31765004	LEASE - OIL AND GAS	MORRIS ATKINSON AND LOUISE ATKINSON HIS WIFE GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND.	ANADARKO PRODUCTION COMPANY	4/21/1978	486	113	5N	21ECM	33	5N21ECM33	5N-21ECM Sec.33; NE1/4	BEAVER	3
31765005	LEASE - OIL AND GAS	MORRIS ATKINSON AND LOUISE ATKINSON HIS WIFE GLADYS DOLLARHIDE AND DOYLE DOLLARHIDE HER HUSBAND, HAZEL OFFICER AND JOHN OFFICER HER HUSBAND AND DORIS SMITH AND WESLEY SMITH HER HUSBAND.	ANADARKO PRODUCTION COMPANY	4/21/1978	486	115	5N	21ECM	33	5N21ECM33	5N-21ECM Sec.33; SE1/4	BEAVER	3
31863001	LEASE - OIL AND GAS	FRANZIE LOEPP AKA FRANZ LOEPP AND LEONA E LOEPP HIS WIFE	W R GRAY	5/10/1976	446	370	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; W/2 NW1/4	BEAVER	3
31865000	LEASE - OIL AND GAS	FRANZIE LOEPP AKA FRANZ LOEPP AND LEONA E LOEPP HIS WIFE	W R GRAY	5/10/1976	446	367	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; E/2 W/2	BEAVER	3
31867000	LEASE - OIL AND GAS	JOHNNIE PLETT AND MARIE PLETT HIS WIFE	W R GRAY	5/10/1976	446	329	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; SE1/4	BEAVER	3
31863002	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILE RADKE HIS WIFE	W R GRAY	5/10/1976	446	379	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; W/2 NW1/4	BEAVER	3
31866000	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILE RADKE HUSBAND AND WIFE	W R GRAY	5/10/1976	446	381	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; W/2 SW1/4	BEAVER	3
31775000	LEASE - OIL AND GAS	ROY D HARRIS AND EDNA HARRIS HUSBAND AND WIFE	DALE K LAWYER	3/29/1978	492	30	5N	21ECM	34	5N21ECM34	5N-21ECM Sec.34; NE1/4	BEAVER	3
31883003	LEASE - OIL AND GAS	EVERETT E TRETBAR AND RUTH TRETBAR HIS WIFE	W R GRAY	5/27/1976	446	403	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; SW1/4	BEAVER	3
31883001	LEASE - OIL AND GAS	FREDERICK W TRETBAR AND BERNICE TRETBAR HIS WIFE	W R GRAY	5/27/1976	447	251	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; SW1/4	BEAVER	3
31883004	LEASE - OIL AND GAS	HARVEY A TRETBAR AND JULIA R TRETBAR HIS WIFE	W R GRAY	5/27/1976	447	434	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; SW1/4	BEAVER	3
31882000	LEASE - OIL AND GAS	MARY ATKINS MCWHIRTER TRUSTEE UNDER TRUST AGREEMENT MADE BY MARY ATKINS MCWHIRTER AS GRANTOR TO MARY ATKINS MCWHIRTER AS TRUSTEE ON JANUARY 24, 1974.	W R GRAY	5/20/1976	447	70	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; NW1/4	BEAVER	3
31887000	LEASE - OIL AND GAS	MARY PANKRATZ AND EDWARD J PANKRATZ HER HUSBAND	W R GRAY	6/19/1976	448	430	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; SE1/4	BEAVER	3
31883002	LEASE - OIL AND GAS	MILDRED M BROWN AND C EVERETT BROWN HER HUSBAND	W R GRAY	5/27/1976	447	422	5N	21ECM	35	5N21ECM35	5N-21ECM Sec.35; SW1/4	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31823000	LEASE - OIL AND GAS	ARCHIE VIVIAN PATTERSON AKA ARCHIE V PATTERSON AKA A V PATTERSON AND VIOLA PATTERSON HIS WIFE	ANADARKO PRODUCTION COMPANY	2/5/1981	549	710	5N	21E0M	36	5N21E0M36	5N-21E0M Sec 36: SW/4	BEAVER	3
31869000	LEASE - OIL AND GAS	HUGH DORMAN AND VIRGINIA DORMAN HIS WIFE	SHENANDOAH OIL CORPORATION	11/12/1976	456	326	5N	21E0M	36	5N21E0M36	5N-21E0M Sec 36: SE/4	BEAVER	3
31870000	LEASE - OIL AND GAS	HUGH DORMAN AND VIRGINIA DORMAN HIS WIFE	SHENANDOAH OIL CORPORATION	11/12/1976	456	331	5N	21E0M	36	5N21E0M36	5N-21E0M Sec 36: NE/4	BEAVER	3
31866000	LEASE - OIL AND GAS	HUGH DORMAN ET UX	SHENANDOAH OIL CORPORATION	11/12/1976	456	336	5N	21E0M	36	5N21E0M36	5N-21E0M Sec 36: NW/4	BEAVER	3
32110000	LEASE - OIL AND GAS	ARNOLD H REGIER AND HELEN REGIER HUSBAND AND WIFE	DAVID M DAYVAULT	11/27/1979	521	659	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: NW/4	BEAVER	3
28751003	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	BETTY JEAN BODIN AND CARL EDWIN BODIN HER HUSBAND	BRIDGER PETROLEUM CORPORATION	10/11/1979	531	104	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: SE/4	BEAVER	Force Pooling Order No. 174181 3
28781001	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	DONALD LEE FRANZ AND JOYCE M FRANZ HIS WIFE	BRIDGER PETROLEUM CORPORATION	10/11/1979	531	101	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: SE/4	BEAVER	Force Pooling Order No. 174181 3
28750000	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	EDNA A REGIER AND ED L REGIER HER HUSBAND	BRIDGER PETROLEUM CORPORATION	10/2/1979	531	79	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: Lots 6 & 7: E/2 SW/4; NW/4	BEAVER	Force Pooling Order No. 174181 3
31209000	LEASE - OIL AND GAS	GARY D FRANZ AND MARY A FRANZ AKA MARY FRANZ AKA MARY ANN FRANZ HIS WIFE	DAVID M DAYVAULT	10/23/1979	521	113	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: Lots 1 & 2: S/2 NE/4	BEAVER	3
287490000	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	BRIDGER PETROLEUM CORPORATION	10/17/1979	530	765	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: NW/4	BEAVER	Force Pooling Order No. 174181 3
28751002	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 174181 DATED 8/15/1980	MARY LOU DUERKSEN AND JOSEPH J DUERKSEN HER HUSBAND	BRIDGER PETROLEUM CORPORATION	10/11/1979	531	98	5N	21E0M	6	5N21E0M6	5N-21E0M Sec 6: SE/4	BEAVER	Force Pooling Order No. 174181 3
31229000	LEASE - OIL AND GAS	A E BECKER, CHESTER WINDSOR AND HENRY BOESE, TRUSTEES MENNONITE CHURCH OF TURPIN OKLAHOMA - 1976	W R GRAY	5/15/1976	446	392	5N	21E0M	9	5N21E0M9	5N-21E0M Sec 9: W/2 NW/4	BEAVER	3, 4
31902000	LEASE - OIL AND GAS AS FORCE POOLED UNDER ORDER NO 179280 DATED 1/17/1980	HOWARD L FRANZ AND DOROTHY D FRANZ HUSBAND AND WIFE	TEXAS OIL AND GAS CORPORATION	11/30/1978	504	553	5N	21E0M	9	5N21E0M9	5N-21E0M Sec 9: SE/4	BEAVER	Force pooled interest under Order No. 179280 3, 4
31218000	LEASE - OIL AND GAS	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	W R GRAY	5/10/1976	446	332	5N	21E0M	9	5N21E0M9	5N-21E0M Sec 9: W/2 NW/4	BEAVER	3, 4
31230000	LEASE - OIL AND GAS	JOHNNY DIRKS AND EVA DIRKS HIS WIFE	W R GRAY	5/10/1976	446	338	5N	21E0M	9	5N21E0M9	5N-21E0M Sec 9: SW/4	BEAVER	3, 4
31798001	LEASE - OIL AND GAS	LAURA MOORE AND EUGENE MOORE HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/7/1980	532	601	5N	21E0M	9	5N21E0M9	5N-21E0M Sec 9: E/2 NW/4; NE/4	BEAVER	3, 4

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
31798004	FORCE POOLED INTEREST	LAWRENCE S WIENS ET UX	FIRST NATIONAL BANK FAIRFIELD	11/17/1980	N/A	N/A	5N	21E0M	9	5N21E0M9	5N-21E0M Sec. 9; NE/4; E/2 NW	BEAVER	Force Pooling Order No. 178840
31798002	LEASE - OIL AND GAS	RUTH ARP AND T E ARP HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/17/1980	533	667	5N	21E0M	9	5N21E0M9	5N-21E0M Sec. 9; NE/4; E/2 NW/4	BEAVER	3, 4
31798003	LEASE - OIL AND GAS	VIOLA JARRELL AND J M JARRELL HER HUSBAND	ANADARKO PRODUCTION COMPANY	4/17/1980	533	561	5N	21E0M	9	5N21E0M9	5N-21E0M Sec. 9; NE/4; E/2 NW	BEAVER	3, 4
33076000	LEASE - OIL AND GAS	STELLA MCMURRY AND CHARLES MCMURRY HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	11/4/1953	301	347	6N	10E0M	16	6N10E0M16	6N-10E0M Sec. 16; S/2	TEXAS	1, 26
33111000	LEASE - OIL AND GAS	John M. Hardwick Et Ux	Edwin L. Cox	7/17/1953	301	11	6N	10E0M	16	6N10E0M16	6N-10E0M Sec. 16; S/2 NW/4	TEXAS	1, 26
60111000	LEASE - OIL AND GAS	CHAS M PAUL & MARY K PAUL HUSBAND & WIFE	FRANK PARKES	9/4/1952	257	541	6N	10E0M	23	6N10E0M23	6N-10E0M Sec. 23; NW/4	TEXAS	28
33027000	LEASE - OIL AND GAS	ROBERT O QUIGLEY AND WIFE ROXIE B QUIGLEY, THE SAID ROBERT O QUIGLEY BEING ONE AND THE SAME PERSON AS R O QUIGLEY	PANHANDLE EASTERN PIPE LINE COMPANY	2/5/1952	257	407	6N	10E0M	23	6N10E0M23	6N-10E0M Sec. 23; SW/4	TEXAS	12
33025001	LEASE - OIL AND GAS	EMMA PEARL FORBES AND HUSBAND WALTER F FORBES	PANHANDLE EASTERN PIPE LINE COMPANY	2/6/1952	257	410	6N	10E0M	24	6N10E0M24	6N-10E0M Sec. 24; SW/4	TEXAS	12
33024000	LEASE - OIL AND GAS	FLOYD V SHRAUNER AND WIFE ROBERTA SHRAUNER	PANHANDLE EASTERN PIPE LINE COMPANY	2/6/1952	257	417	6N	10E0M	24	6N10E0M24	6N-10E0M Sec. 24; N/2 NW/4; NE/4; S/2 NW/4; SE/4	TEXAS	12
33080000	LEASE - OIL AND GAS	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	4/8/1959	310	637	6N	10E0M	24	6N10E0M24	6N-10E0M Sec. 24; 0.55 Acres in the NE/4; 7.59 Acres in the NW/4 and 3.04 Acres in the SW/4, all as more fully described in the lease	TEXAS	12
33025002	LEASE - OIL AND GAS	THE FEDERAL LAND BANK OF WICHITA, WICHITA, KANSAS	PANHANDLE EASTERN PIPE LINE COMPANY	3/6/1953	294	366	6N	10E0M	24	6N10E0M24	6N-10E0M Sec. 24; SW/4	TEXAS	12
33118000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA OIL AND GAS MINING LEASE NO. OSEI-809	GULF OIL CORPORATION	10/10/1955	305	233	6N	11E0M	17	6N11E0M17	6N-11E0M Sec. 17; SW/4	TEXAS	28
33054002	LEASE - OIL AND GAS	EDDIE F TUCKER AND LILLIAN PEARL TUCKER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/26/1954	301	407	6N	11E0M	17	6N11E0M17	6N-11E0M Sec. 17; Lot 1 & 2; S/2 NE/4	TEXAS	12
33116000	LEASE - OIL AND GAS	RAY STUDEBAKER AND FLORENCE STUDEBAKER HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	11/11/1954	301	398	6N	11E0M	17	6N11E0M17	6N-11E0M Sec. 17; lots 3 & 4; S/2 NW/4	TEXAS	28
33079000	LEASE - OIL AND GAS	THE ATCHISON, TOPEKA AND SANTA FE RAILWAY COMPANY	PANHANDLE EASTERN PIPE LINE COMPANY	4/8/1959	310	626	6N	11E0M	17	6N11E0M17	Sec. 17; 2.95 Acres in the NW/4, more fully described in the lease	TEXAS	12
33054001	LEASE - OIL AND GAS	W GLENN MUNCY AND NELLIE LEE MUNCY HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	12/17/1954	301	410	6N	11E0M	17	6N11E0M17	6N-11E0M Sec. 17; Lot 1 & 2; S/2 NE/4	TEXAS	12
33077000	LEASE - OIL AND GAS	ESSIE A HERSHBARGER A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	8/20/1955	301	448	6N	11E0M	35	6N11E0M35	6N-11E0M Sec. 35; N/2 SE/4; NE/4	TEXAS	12
69952003	LEASE - OIL AND GAS	AUGUST EDDY	W C PEERY	2/7/1950	257	261	6N	12E0M	25	6N12E0M25	6N-12E0M Sec. 25; N/2 SE/4; SE/4 SE/4	TEXAS	28
85397000	LEASE - OIL AND GAS	C A SWARTZ AND HELEN SWARTZ HIS WIFE	H BEN COX	5/24/1943	244	4	6N	13E0M	25	6N13E0M25	6N-13E0M Sec. 25; SW/4	TEXAS	28
85274000	LEASE - OIL AND GAS	EFFIE M OWINGS STOUFFER AND MYRON STOUFFER WIFE AND HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	3/7/1945	251	374	6N	13E0M	25	6N13E0M25	6N-13E0M Sec. 25; SW/4 SE/4	TEXAS	28
69952004	LEASE - OIL AND GAS	HELENA V LONG AND DAVID LONG HER HUSBAND	W C PEERY	11/6/1950	257	259	6N	13E0M	25	6N13E0M25	6N-13E0M Sec. 25; N/2 SE/4; SE/4 SE/4	TEXAS	28



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69952001	LEASE - OIL AND GAS	LELA ARNAMAN POWELL AND LEROY D POWELL HER HUSBAND; EVELYN BARTIK AND ARTHUR P BARTIK HER HUSBAND; FERN BARTIK AND WILLIE F BARTIK HER HUSBAND	W C PEERY	1/14/1950	257	260	6N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25; N/2 SE/4 SE/4 SE/4	TEXAS	28
85252000	LEASE - OIL AND GAS	MARY C KLAPMIETER AND RAY M KLAPMEYER HER HUSBAND	PANHANDLE EASTERN PIPE LINE COMPANY	9/16/1944	251	143	6N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25; NE/4	TEXAS	28
69952002	LEASE - OIL AND GAS	PATRICK B WISWALL A SINGLE MAN	W C PEERY	2/9/1950	257	262	6N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25; N/2 SE/4 SE/4 SE/4	TEXAS	28
85510000	LEASE - OIL AND GAS	WILLIAM ARTHUR ENZ AND ROBERT EUGENE ENZ	W C PEERY	4/21/1950	257	272	6N	12ECM	25	6N12ECM25	6N-12ECM Sec. 25; NW/4	TEXAS	28
33056000	LEASE - OIL AND GAS	REX MCCLURE AND LOIS MCCLURE HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/9/1945	251	387	6N	12ECM	29	6N12ECM29	6N-12ECM Sec. 29; SW/4	TEXAS	28
59811000	LEASE - OIL AND GAS	ELLA DOHRMANN A WIDOW; BERTHA SHAFER STARGEL AND CECIL D STARGEL HER HUSBAND ET AL	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1953	294	414	6N	12ECM	31	6N12ECM31	6N-12ECM Sec. 31; N/2	TEXAS	28
85383000	LEASE - OIL AND GAS	ETHEL F FELDHAUS AND JOHN E FELDHAUS HER HUSBAND; AND LENA FRICKE A WIDOW	PANHANDLE EASTERN PIPE LINE COMPANY	4/9/1953	294	417	6N	12ECM	31	6N12ECM31	6N-12ECM Sec. 31; S/2	TEXAS	28
N/A	LEASE - OIL AND GAS	GORDON QUILTER AND HIS WIFE RUTH M QUILTER	WALTER KUHN	6/18/1954	252	278	6N	12ECM	32	6N12ECM32	6N-12ECM Sec. 32; SW/4 NE/4	TEXAS	28
85387000	LEASE - OIL AND GAS	HENRY E STROBEL AND MARIE STROBEL HIS WIFE	CITIES SERVICE OIL COMPANY	6/22/1943	244	173	6N	12ECM	32	6N12ECM32	6N-12ECM Sec. 32; NW/4	TEXAS	28
85447000	LEASE - OIL AND GAS	J R MCCLANAHAN AND ESTHER G MCCLANAHAN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	4/23/1953	257	630	6N	12ECM	32	6N12ECM32	6N-12ECM Sec. 32; S/2	TEXAS	28
85254000	LEASE - OIL AND GAS	LE TYRON AND MARY A TYRON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	10/31/1944	251	185	6N	12ECM	32	6N12ECM32	6N-12ECM Sec. 32; N/2 NE/4 SE/4 NE/4	TEXAS	28
33051000	LEASE - OIL AND GAS	CHARLES W JOEHRENDT AND PEARL JOEHRENDT HIS WIFE	GUY S SPEAKMAN	6/30/1944	251	102	6N	12ECM	34	6N12ECM34	6N-12ECM Sec. 34; NW/4	TEXAS	28
33060000	LEASE - OIL AND GAS	FRANK H KUHN AND ELIZA KUHN HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/21/1946	251	591	6N	12ECM	34	6N12ECM34	6N-12ECM Sec. 34; S/2	TEXAS	28
33028000	LEASE - OIL AND GAS	HERMAN H DROSSELMAYER AND ALMA N DROSSELMAYER HUSBAND AND WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/12/1943	232	334	6N	12ECM	34	6N12ECM34	6N-12ECM Sec. 34; NE/4	TEXAS	28
85394000	LEASE - OIL AND GAS	A F STYLES SINGLE	CITIES SERVICE OIL COMPANY	7/9/1943	244	163	6N	12ECM	36	6N12ECM36	6N-12ECM Sec. 36; E/2	TEXAS	27, 28
85299000	LEASE - OIL AND GAS	COMMISSIONERS OF THE LAND OFFICE STATE OF OKLAHOMA CS-6017	J E WOOD	3/25/1946	260	175	6N	12ECM	36	6N12ECM36	6N-12ECM Sec. 36; NW/4; SW/4	TEXAS	28
59906000	LEASE - OIL AND GAS	VINCENT HORNER AND ELVA V HORNER HIS WIFE; ELTON HORNER AND BEULAH HORNER HIS WIFE AND MARCELLA HORNER A SINGLE WOMAN	JOE E. DENHAM	8/4/1943	244	422	6N	13ECM	17	6N13ECM17	6N-13ECM Sec. 17; SE/4	TEXAS	28
33065000	LEASE - OIL AND GAS	GEORGE HAAR A SINGLE MAN	JOE E. DENHAM	10/5/1943	244	507	6N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19; SE/4	TEXAS	28
85367000	LEASE - OIL AND GAS	JOHN B DOWD AND MARY E DOWD HIS WIFE	JOE E. DENHAM	10/21/1943	244	502	6N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19; NW/4	TEXAS	28
85371000	LEASE - OIL AND GAS	NELLIE LEVALLEY AND F S LEVALLEY HER HUSBAND	JOE E. DENHAM	8/27/1943	244	417	6N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19; SW/4	TEXAS	28

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
59906000	LEASE - OIL AND GAS	VINCENT HORNER AND ELVA V HORNER HIS WIFE ELTON HORNER AND BEULAH HORNER HIS WIFE AND MARCELLA HORNER A SINGLE WOMAN	JOE E. DENHAM	8/1/1943	244	422	6N	13ECM	19	6N13ECM19	6N-13ECM Sec. 19; NE/4	TEXAS	28
85435000	LEASE - OIL AND GAS	HELEN M HOLLAND A WIDOW, ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL	FRANK PARKES	1/6/1937	209	36	6N	13ECM	22	6N13ECM22	6N-13ECM Sec. 22; SW/4	TEXAS	28
85437000	LEASE - OIL AND GAS	GEORGE E REARDON AND CLARA M REARDON HIS WIFE	REPUBLIC NATURAL GAS COMPANY	11/17/1944	251	230	6N	13ECM	27	6N13ECM27	6N-13ECM Sec. 27; NE/4	TEXAS	28
85434000	LEASE - OIL AND GAS	EDITH LEE BEATY AND FRED M BEATY HER HUSBAND	CITIES SERVICE OIL COMPANY	2/10/1943	233	294	6N	13ECM	28	6N13ECM28	6N-13ECM Sec. 28; SW/4; SE/4	TEXAS	28
85435000	LEASE - OIL AND GAS	HELEN M HOLLAND A WIDOW, ARTHUR O JACOBS AND MAUDE M JACOBS HIS WIFE ET AL	FRANK PARKES	1/6/1937	209	36	6N	13ECM	28	6N13ECM28	6N-13ECM Sec. 28; NE/4	TEXAS	28
69946008	LEASE - OIL AND GAS	ALMON ROY SHUTT AND SELMA I SHUTT HUSBAND AND WIFE	R E CRAWFORD	12/9/1950	252	230	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946005	LEASE - OIL AND GAS	EDGAR SHUTT AND GENEVA C SHUTT HIS WIFE	R E CRAWFORD	12/22/1950	252	232	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946003	LEASE - OIL AND GAS	EFFIE D GRINER A WIDOW AKA EFFIE GRANNER	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	11/22/1946	252	138	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946004	LEASE - OIL AND GAS	FRANK SHUTT A SINGLE MAN	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	11/22/1946	252	135	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
33065000	LEASE - OIL AND GAS	GEORGE HAAR A SINGLE MAN	JOE E. DENHAM	10/5/1943	244	507	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946002	LEASE - OIL AND GAS	GRANT SHUTT A SINGLE MAN	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	11/22/1946	252	137	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; NE/4	TEXAS	28
69946006	LEASE - OIL AND GAS	HAROLD SHUTT	R E CRAWFORD	1/2/1951	252	233	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946001	LEASE - OIL AND GAS	JOEL SHUTT AND LAURA SHUTT HUSBAND AND WIFE	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	11/22/1946	252	136	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69971000	LEASE - OIL AND GAS	JOHN W KELLY AND GRACE KELLY HIS WIFE	JOE E. DENHAM	8/1/1943	244	399	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; NW/4	TEXAS	28
69976000	LEASE - OIL AND GAS	MARY HAAR A WIDOW	CITIES SERVICE OIL COMPANY	6/14/1943	244	179	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SE/4	TEXAS	28
85440000	LEASE - OIL AND GAS	MRS BERTHA E STOCKTON	R E CRAWFORD	12/9/1950	252	229	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946009	LEASE - OIL AND GAS	STANDFORD F SHUTT AND LILLIAN I SHUTT HIS WIFE	R E CRAWFORD	1/2/1951	252	231	6N	13ECM	30	6N13ECM30	6N-13ECM Sec. 30; SW/4	TEXAS	28
69946007	LEASE - OIL AND GAS	ALBERT R JOHNSON AND MARY E JOHNSON HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	8/13/1941	231	210	6N	13ECM	31	6N13ECM31	6N-13ECM Sec. 31; SE/4	TEXAS	28
33065000	LEASE - OIL AND GAS	GEORGE HAAR A SINGLE MAN	JOE E. DENHAM	10/5/1943	244	507	6N	13ECM	31	6N13ECM31	6N-13ECM Sec. 31; W/2	TEXAS	28
69976000	LEASE - OIL AND GAS	MARY HAAR A WIDOW	CITIES SERVICE OIL COMPANY	6/14/1943	244	179	6N	13ECM	31	6N13ECM31	6N-13ECM Sec. 31; NE/4	TEXAS	28
85440000	LEASE - OIL AND GAS	MARY HAAR A WIDOW	CITIES SERVICE OIL COMPANY	6/14/1943	244	143	6N	13ECM	32	6N13ECM32	6N-13ECM Sec. 32; E/2 NW/4; NE/4; W/2 NW/4; SW/4	TEXAS	28
85431000	LEASE - OIL AND GAS	PEARL VANTINE AND MARK VANTINE HER HUSBAND	CITIES SERVICE OIL COMPANY	2/18/1950	257	265	6N	13ECM	32	6N13ECM32	6N-13ECM Sec. 32; SE/4	TEXAS	28
85457000	LEASE - OIL AND GAS	A B HICKS AND OLIVE MAY HICKS HIS WIFE	PANHANDLE EASTERN PIPE LINE COMPANY	3/1/1951	257	310	6N	13ECM	7	6N13ECM7	6N-13ECM Sec. 7; Lot 2	TEXAS	28
85513000	LEASE - OIL AND GAS	H E RILEY AND MARGARET RILEY HIS WIFE	W W KENNEDY	2/8/1947	240	69	6N	13ECM	7	6N13ECM7	6N-13ECM Sec. 7; Lot 1	TEXAS	28



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
85512000	LEASE - OIL AND GAS	KATHERINE DEEDS AND JOE M DEEDS HUSBAND AND WIFE	J M KESSLER, KENNETH A ELLISON AND LEO J PORTMAN	12/21/1946	252	144	6N	13ECM	7	6N19ECM7	6N-13ECM Sec. 7; Lot 1	TEXAS	28
33217000	LEASE - OIL AND GAS	ANTONIO E MCADAM AND DENA B MCADAM HIS WIFE	REPUBLIC NATURAL GAS COMPANY	11/9/1944	251	237	6N	17ECM	28	6N17ECM28	6N-17ECM Sec. 28; SE/4	TEXAS	28
33225000	LEASE - OIL AND GAS	JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD LIVING TRUST UNDER AGREEMENT DATED DECEMBER 22, 1995	R D DAVIS & ASSOCIATES INC	12/20/2001	1046	316	6N	19ECM	11	6N19ECM11	6N-19ECM Sec. 11; Lots 1, 2, 3, 4; S/2 SE/4; SE/4 SW/4; SW/4 SW/4	TEXAS	28
33224000	LEASE - OIL AND GAS	JOAN P GATEWOOD TRUSTEE OF THE JOAN P GATEWOOD LIVING TRUST UNDER AGREEMENT DATED DECEMBER 22, 1995	R D DAVIS & ASSOCIATES INC	12/20/2001	1046	318	6N	19ECM	14	6N19ECM14	6N-19ECM Sec. 14; NW/4	TEXAS	28
33087003	LEASE - OIL AND GAS	CECIL APSLEY AND EMMA APSLEY HIS WIFE	ANADARKO PRODUCTION COMPANY	11/9/1978	546	312	6N	19ECM	24	6N19ECM24	6N-19ECM Sec. 24; SE/4	TEXAS	28
33087001	LEASE - OIL AND GAS	ELMER A APSLEY ET UX	ANADARKO PRODUCTION COMPANY	11/9/1978	546	309	6N	19ECM	24	6N19ECM24	6N-19ECM Sec. 24; SE/4	TEXAS	28
31731000	LEASE - OIL AND GAS	IRENE DAVIS TRUSTEE OF THE DAVIS REVOCABLE LIVING TRUST DATED DECEMBER 21, 1995	MICHAEL D LEONHART	6/17/1998	972	96	6N	19ECM	26	6N19ECM26	6N-19ECM Sec. 26; N/2 NE/4; S/2 NE/4	TEXAS	28
31753000	LEASE - OIL AND GAS	PAUL RADKE AND M LUCILLE RADKE HIS WIFE AKA M LUCILLE RADKE	ANADARKO PRODUCTION COMPANY	11/16/1977	480	122	6N	20ECM	31	6N20ECM31	6N-20ECM Sec. 31; Lots 1 & 2; NE/4 NW/4	BEAVER	3
32225000	LEASE - OIL AND GAS	THE PEOPLES BANK PRATT, KANSAS, TRUSTEE OF THE HERBERT T RANDLE TRUST DATED 2/10/82	TEXOMA LAND CONSULTANTS INC	9/18/1998	1014	393	6N	20ECM	32	6N20ECM32	6N-20ECM Sec. 32; E/2 NW/4	BEAVER	3
32114000	LEASE - OIL AND GAS	ESSIE A NICKLE HAWM AND ROBERT E HAWM HER HUSBAND	W M BRYAN INC	3/24/1975	427	9	6N	20ECM	33	6N20ECM33	6N-20ECM Sec. 33; NE/4	BEAVER	3
32113000	LEASE - OIL AND GAS	OTTO DALE AND ESTHER DALE HIS WIFE	W M BRYAN INC	3/20/1975	427	6	6N	20ECM	33	6N20ECM33	6N-20ECM Sec. 33; SW/4	BEAVER	3
32115000	LEASE - OIL AND GAS	S HELEN WOOD A WIDOW	W M BRYAN INC	3/24/1975	427	404	6N	20ECM	33	6N20ECM33	6N-20ECM Sec. 33; NW/4	BEAVER	3
32107000	LEASE - OIL AND GAS	GEORGE L WINDSOR AND ANNA WINDSOR HIS WIFE	W M BRYAN INC	3/21/1975	427	3	6N	20ECM	34	6N20ECM34	6N-20ECM Sec. 34; SW/4	BEAVER	3
32108000	LEASE - OIL AND GAS	HARRY BULLER & RUBENA BULLER HIS WIFE AND WILLIAM SCHROEDER & MARIA SCHROEDER HIS WIFE AND DAVE SCHROEDER & LEONA SCHROEDER HIS WIFE	W M BRYAN INC	4/7/1975	429	299	6N	20ECM	34	6N20ECM34	6N-20ECM Sec. 34; NE/4	BEAVER	3
32133000	LEASE - OIL AND GAS	HARRY BULLER AND RUBENA BULLER HIS WIFE	JESS HARRIS JR	2/19/1975	424	484	6N	20ECM	34	6N20ECM34	6N-20ECM Sec. 34; NW/4	BEAVER	3
32059000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	1/30/1987	738	56	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10; Lot 1 & Lot 2; S/2 SE/4	BEAVER	3
32059000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	1/30/1987	738	58	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10; Lot 1 & Lot 2; S/2 SE/4	BEAVER	3
32058000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	1/30/1987	738	63	6N	23ECM	10	6N23ECM10	6N-23ECM Sec. 10; Lot 3 & Lot 4; S/2 SW/4	BEAVER	3
32032000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	461	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; SE/4	BEAVER	3
32033000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	456	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; NW/4	BEAVER	3
32035000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	449	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; SW/4	BEAVER	3
32035000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	451	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; SW/4	BEAVER	3
32034000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	464	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; NE/4	BEAVER	3
32034000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	466	6N	23ECM	15	6N23ECM15	6N-23ECM Sec. 15; NE/4	BEAVER	3

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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
32030000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	476	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, SE/4	BEAVER	3
32031000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	471	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, NE/4	BEAVER	3
32038000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	563	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, SW/4	BEAVER	3
32038000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	565	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, SW/4	BEAVER	3
32039000	OPTION AGREEMENT- OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	558	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, NW/4	BEAVER	3
32039000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	5/27/1986	714	560	6N	23ECM	16	6N23ECM16	6N-23ECM Sec.16, NW/4	BEAVER	3
32025000	LEASE - OIL AND GAS	CLEBERNE C ELLIOT A WIDOWER	DINARDO & MARKHAM	4/25/1986	713	483	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, NE/4	BEAVER	3
32028001	LEASE - OIL AND GAS	FRANK ORLIN NICHOLS AKA FRANK NICHOLS AND MARLENE M NICHOLS HUSBAND AND WIFE	DINARDO & MARKHAM	4/23/1986	713	487	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, SE/4	BEAVER	3
32028002	LEASE - OIL AND GAS	GENE NICHOLS AND VIVIAN NICHOLS HUSBAND AND WIFE	DINARDO & MARKHAM	4/24/1986	713	491	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, SE/4	BEAVER	3
32027004	FORCE POOLED INTEREST	GERALDA M TRAPP AND C S TRAPP CO- TRUSTEES OF THE M E TRAPP JR REVOCABLE LIFETIME TRUST, EXECUTED 10-31-'75	ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	N/A	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, NW/4	BEAVER	Force Pooling Order No. 306679
32027001	LEASE - OIL AND GAS	JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE	DINARDO & MARKHAM	4/23/1986	713	495	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, NW/4	BEAVER	3
32026000	LEASE - OIL AND GAS	JERALD RADCLIFF AND DEBORAH SUE RADCLIFF HUSBAND AND WIFE AND FERN RADCLIFF A WIDOW	DINARDO & MARKHAM	4/23/1986	713	499	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, SW/4	BEAVER	3
32027003	FORCE POOLED INTEREST	LOCHBLUE LTD PRTRNSHP LOUCHBLUE INC	ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	N/A	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, NW/4	BEAVER	Force Pooling Order No. 306679
32027002	FORCE POOLED INTEREST	THE RESERVE PETROLEUM CO	ANADARKO PETROLEUM CORPORATION	12/16/1986	N/A	N/A	6N	23ECM	23	6N23ECM23	6N-23ECM Sec.23, NW/4	BEAVER	Force Pooling Order No. 306679
32036000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	434	6N	23ECM	9	6N23ECM9	6N-23ECM Sec.9, Lot 3 & Lot 4; S/2 SW/4	BEAVER	3
32037000	LEASE - OIL AND GAS	RAYMOND E ADAMS JR A SINGLE MAN AND JESSIE S ADAMS A WIDOW	DINARDO & MARKHAM	4/23/1986	713	439	6N	23ECM	9	6N23ECM9	6N-23ECM Sec.9, Lot 1 & Lot 2; S/2 SE/4	BEAVER	3
	TERM MINERAL DEED	MESA OPERATING LTD PARTNERSHIP	ANADARKO PETROLEUM CORPORATION	2/1/1993	74	137	30S	35W	23	30S35W23	30S-35W SEC.23, NE/4	GRANT	2
60432000	MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	11	4N13ECM11	4N-13ECM SEC.11, ALL	TEXAS	28
60432000	MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	14	4N13ECM14	4N-13ECM SEC.14, ALL	TEXAS	28
60432000	MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	16	4N13ECM16	4N-13ECM SEC.16, ALL	TEXAS	28
60432000	MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	17	4N13ECM17	4N-13ECM SEC.17, ALL	TEXAS	28
60432000	MINERAL DEED	INTER-STATE CATTLE LOAN CO	CITIES SERVICE OIL COMPANY	12/1/1943	233	231	4N	13ECM	18	4N13ECM18	4N-13ECM SEC.18, ALL	TEXAS	28
	LEASE- OIL AND GAS	VICTORY PRODUCTION LLC	GREEN RIVER EXPLORATION	9/26/2001	1070	30	4N	21ECM	16	4N21ECM16	4N-21ECM Sec.16, ALL	BEAVER	3



Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concomitant	Legal Description	County	Footnote
1	LEASE- OIL AND GAS	MILTON H. BLAKEMORE	GREEN RIVER EXPLORATION	9/28/2001	1069	454	4N	21E0M	16	4N21E0M16	4N-21E0M SEC. 16, ALL	BEAVER	3
	LEASE- OIL AND GAS	THE YEAGER TRUST	GREEN RIVER EXPLORATION	9/28/2001	1069	745	4N	21E0M	16	4N21E0M16	4N-21E0M SEC. 16, ALL	BEAVER	3
	LEASE- OIL AND GAS	THOMAS G. BLAKEMORE TRUST	GREEN RIVER EXPLORATION	9/28/2001	1070	35	4N	21E0M	16	4N21E0M16	4N-21E0M SEC. 16, ALL	BEAVER	3
	LEASE- OIL AND GAS	JAMES A. BLAKEMORE	GREEN RIVER EXPLORATION	9/28/2001	1069	458	4N	21E0M	16	4N21E0M16	4N-21E0M SEC. 16, ALL	BEAVER	3
	LEASE- OIL AND GAS	THOMAS HERRY BLAKEMORE II	GREEN RIVER EXPLORATION	9/28/2001	1069	781	4N	21E0M	16	4N21E0M16	4N-21E0M SEC. 16, ALL	BEAVER	3
	LEASE- OIL AND GAS	PHYLIS C RAHE AND MAX B RAHE TRUSTEES OF THE NELL M CARD LIVING TRUST	FUNK EXPLORATION	1/11/1984	650	611	3N	21E0M	12	3N21E0M12	SEC. 12, NE/4, NW/4, SE/4, SW/4 LESS AND EXCEPT A SQUARE ONE ACRE TRACT IN THE NORTHWEST CORNER OF THE NW/4	BEAVER	3
FOOTNOTES													
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 WABANSEE GROUP WHICH OCCURS AT 3,352 FT ON THE AVALON ENERGY CULISON #3 7 (API 15-189 21385) SECTION 3, T-31-S, R-35 WEST WHICH CORRELATES TO 3,360 OF THE KANSAS GEOLOGICAL SOCIETY TYPE LOG FOR THE STEVENS, GRANT, SEWARD AND HASKELL COUNTIES 1966 (MOBIL UNITED PRODUCTION WM I CUTTER NO. 1 SEC 1, T31S R36W STEVENS COUNTY KANSAS).												
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-17E0M, TEXAS COUNTY, OKLAHOMA												
4	SAID LEASE EXCLUDES ALL RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE FRANZ 1-9 WELL (API #3500722103) LOCATED IN SECTION 9-5N-21E0M, BEAVER COUNTY, OKLAHOMA												
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-21E0M, 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-22E0M, 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-20E0M, 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-21E0M, BEAVER COUNTY, OKLAHOMA												
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 #3500724085) LOCATED IN SECTION 9-5N-20E0M, BEAVER COUNTY, OKLAHOMA												
11	LESS AND EXCEPT THE BI POOL ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OPERATION OF THE BI POOL ENHANCED RECOVERY UNIT, BEAVER COUNTY, OKLAHOMA, EFFECTIVE AS OF MAY 1, 1997, AS DEFINED IN ORDER NO. 410690 (CAUSE CD NO. 960002866) ISSUED BY THE CORPORATION COMMISSION OF THE STATE OF OKLAHOMA.												
12	LIMITED TO THE MORROW FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6504' AND 6888' BELOW THE SURFACE AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AND THE ENTIRE CHESTER FORMATION AS ENCOUNTERED BETWEEN THE DEPTHS OF 6888' AND 7380' AND THE STRATIGRAPHIC EQUIVALENTS THEREOF AS DEFINED IN THE DIL-SFL LOG OF THE LEROY 1-31 WELL LOCATED IN THE SW SW OF SECTION 31-4N-22E0M.												
13	LIMITED IN DEPTH FROM BELOW THE BASE OF THE CHASE FORMATION AS DEFINED IN FOOTNOTE 9 TO THE BASE OF THE CHESTER FORMATION WHICH IS ENCOUNTERED AT A DEPTH OF 7380' AS DEFINED IN THE DIL OF THE LEROY #1-31 WELL LOCATED IN THE SW/4 SW/4 OF SECTION 31-4N-22E0M.												
14	LESS AND EXCEPT THE HITCH UNIT WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS												
15	LESS AND EXCEPT THE GUTTRIDGE F3 WELL AND THE ETZOLD UNIT SOUTH 5-4 AND 4-3 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS												

Exhibit A - Leases to Assignment, Conveyance and Bill of Sale between PanHugoton Partners LLC and BCE-Mach LLC

Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
16	LESS AND EXCEPT THE	MAXWELL B-2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
17	LESS AND EXCEPT THE	BROWN APC B-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
18	LESS AND EXCEPT THE	MCGILL A 2-10 AND A 3-10 WELLS CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
19	LESS AND EXCEPT THE	ALEXANDER A2 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
20	LESS AND EXCEPT THE	GUTTRIDGE 2B WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
21	LESS AND EXCEPT THE	LENEHAN A-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 632, PAGE 801 OF THE RECORDS OF SEWARD COUNTY, KANSAS											
22	LESS AND EXCEPT THE	MAYBERRY B-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
23	LESS AND EXCEPT THE	NORDIKE 1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
24	LESS AND EXCEPT THE	BANE 1-H WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
25	LESS AND EXCEPT THE	MOORHEAD D-1 WELL CONVEYED TO CISCO OPERATING, LLC IN THAT CERTAIN ASSIGNMENT, CONVEYANCE AND BILL OF SALE DATED JULY 1, 2010 RECORDED IN VOLUME 264, PAGE 559 OF THE RECORDS OF STEVENS COUNTY, KANSAS											
26	SAID LEASE EXCLUDES ALL	RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE BOALDIN B WELL (API #3513922589) LOCATED IN SECTION 16-6N-10E6M, 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-12E6M, TEXAS COUNTY, OKLAHOMA											
28	IN SO FAR AS AND ONLY	IN SO FAR 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 #3513922899) IN SECTION 22-6N-17E6M, 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 #3513955676) LOCATED IN SECTION 11-5N-12E6M, TEXAS COUNTY, OKLAHOMA											
30	SAID LEASE EXCLUDES ALL	RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE SHIELDS WELL (API #351321559) LOCATED IN SECTION 5-4N-14E6M, TEXAS COUNTY, OKLAHOMA											
31	SAID LEASE EXCLUDES ALL	RIGHT, TITLE AND INTEREST TO, AND RIGHTS TO PRODUCE FROM OR THROUGH, THE BONNER A WELL (API #3513921121) LOCATED IN SECTION 9-4N-14E6M, 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-14E6M, 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-12E6M, 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-12E6M, TEXAS COUNTY, OKLAHOMA											



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Agreement #	Agreement Type	Original Lessor	Original Lessee	Date	Book	Page	Township	Range	Section	Concatenate	Legal Description	County	Footnote
36											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 RELUST B-1 WELL (API #3513922729) LOCATED IN SECTION 5-3N-14E0M, TEXAS COUNTY, OKLAHOMA		
37											INSOFAR AND ONLY INSOFAR AS THE LEASE OR AGREEMENT IS INCLUDED WITHIN THE STIRRUP ENHANCED RECOVERY UNIT, FORMED AND GOVERNED BY THAT CERTAIN UNIT AGREEMENT AND PLAN OF UNITIZATION FOR THE DEVELOPMENT AND OPERATION OF THE STIRRUP ENHANCED RECOVERY UNIT, COUNTY OF MORTON, STATE OF KANSAS, ENTERED INTO AS OF THE 31ST DATE OF JANUARY, 2003. THE UNITIZED INTERVAL FOR THE STIRRUP 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 NE4 NW/4 OF SECTION 11, TOWNSHIP 33 SOUTH, RANGE 40 WEST, MORTON COUNTY KANSAS, WITH THE TOP OF THE UNITIZED FORMATION BEING FOUND AT A DEPTH OF 5,340 FEET AND THE BASE OF THE UNITIZED 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 UNITIZED INTERVAL.		
38											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 166, PAGE 655, HASKELL COUNTY, KANSAS. THE FORMATION UNITIZED IS THAT PORTION OF THE MORROW FORMATION ENCOUNTERED BETWEEN THE DEPTHS OF 5,130 AND 5,334 FEET AND THAT PORTION OF THE CHESTER FORMATION ENCOUNTERED BETWEEN THE DEPTHS OF 5,334 FEET AND 5,544 FEET. ASSIGNOR IS RETAINING ALL NON-UNITIZED AGREEMENTS, WELLS AND INTERVALS INSOFAR AS THE DEPTHS FROM THE SURFACE TO THE TOP OF THE UNITIZED INTERVAL.		
39											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, LP, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 315 ON PAGE 605, BOOK 316 ON PAGE 247, BOOK 323 ON PAGE 586, BOOK 326 ON PAGE 513 IN THE RECORDS OF FINNEY COUNTY, KANSAS.		
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, LP, AS BUYER, RECORDED IN SEPARATE DOCUMENTS IN BOOK 260 AT PAGE 346, BOOK 261, AT PAGE 153, BOOK 270 AT PAGE 660, BOOK 270 AT PAGE 672, KEARNY COUNTY, KANSAS		

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

API	WELL NAME	WI BPO	NRI BPO	WI APO	NRI APO	ST	COUNTY	SEC	TWP	RNG	QTR-QTR	Reservoir	OPERATOR
3500723445	ADAMS H-1	1.000000	0.812500	SAME	SAME	OK	BEAVER	16	6N	23E		TORONTO	PANTERA ENERGY COMPANY
3500723517	ADAMS I-1	1.000000	0.812500	SAME	SAME	OK	BEAVER	15	6N	23E		LOWER	PANTERA ENERGY COMPANY
3500724044	ADAMS K-1	1.000000	0.812500	SAME	SAME	OK	BEAVER	15	6N	23E		LOWER	PANTERA ENERGY COMPANY
3500724553	ADAMS M-1 (TORONTO)	1.000000	0.812500	SAME	SAME	OK	BEAVER	9	6N	23E	SE	TORONTO	PANTERA ENERGY COMPANY
3500724693	ADAMS M-2-6674	1.000000	0.812500	SAME	SAME	OK	BEAVER	9	6N	23E		TORONTO	PANTERA ENERGY COMPANY
3500724504	ADAMS N-1 (U CHESTER)	1.000000	0.812500	SAME	SAME	OK	BEAVER	15	6N	23E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724640	ADAMS O-1 (TORONTO)	1.000000	0.812500	SAME	SAME	OK	BEAVER	10	6N	23E	SW	TORONTO	PANTERA ENERGY COMPANY
3500724734	ADAMS P-1	1.000000	0.812500	SAME	SAME	OK	BEAVER	9	6N	23E	SW	TORONTO	PANTERA ENERGY COMPANY
1517520868	ADAMSON 3-11	0.125000	0.098242	SAME	SAME	KS	SEWARD	11	34S	34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1517521475	ADAMSON 4-11	0.125000	0.098242	SAME	SAME	KS	SEWARD	11	34S	34W		COUNCIL GROVE	EDISON OPERATING COMPANY LLC
1517521536	ADAMSON 5-11	0.125000	0.098242	SAME	SAME	KS	SEWARD	11	34S	34W		CHESTER	EDISON OPERATING COMPANY LLC
1517521753	ADAMSON A-5	0.750000	0.645117	SAME	SAME	KS	SEWARD	11	34S	34W		MORROW	EDISON OPERATING COMPANY LLC
3513920149	ALLEN C-1	1.000000	0.875000	SAME	SAME	OK	TEXAS	21	4N	13E		MORROW	PANTERA ENERGY COMPANY
3513922912	ALLEN C-2 (CHEROKEE)	1.000000	0.875000	SAME	SAME	OK	TEXAS	21	4N	13E		CHEROKEE 2	PANTERA ENERGY COMPANY
1505520106	ANDERSON 1	1.000000	0.754688	SAME	0.66035157	KS	FINNEY	15	24S	33W	SE NE NW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520281	ANDERSON 2-15	1.000000	0.875000	SAME	0.66035157	KS	FINNEY	15	24S	33W	SE NW	CHASE GROUP	PANTERA ENERGY COMPANY
1505521465	ANDERSON 3	1.000000	0.875000	SAME	0.66035157	KS	FINNEY	15	24S	33W	SE NW	COUNCIL GROVE	PANTERA ENERGY COMPANY
3513922776	ASHLAND A-1	1.000000	0.874999	SAME	SAME	OK	TEXAS	5	3N	14E		UPPER MORROW	PANTERA ENERGY COMPANY
1509300301	BAHNTGE 1	1.000000	0.882813	SAME	SAME	KS	KEARNY	2	25S	36W	SWNW	CHASE GROUP	PANTERA ENERGY COMPANY
1509320383	BAHNTGE 2	1.000000	0.882813	SAME	SAME	KS	KEARNY	2	25S	36W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509320952	BAHNTGE 3-2	1.000000	0.882813	SAME	SAME	KS	KEARNY	2	25S	36W	NENE	CHASE	PANTERA ENERGY COMPANY
15055200391	BAKER 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	15	23S	34W	NWSE	CHASE GROUP	PANTERA ENERGY COMPANY
1505521605	BAKER 15-6	0.250000	0.218750	SAME	SAME	KS	FINNEY	15	23S	34W	SE NE SW	COUNCIL GROVE	LARIO OIL & GAS COMPANY
1505520383	BAKER 2	1.000000	0.875000	SAME	SAME	KS	FINNEY	15	23S	34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520739	BAKER 3-15	1.000000	0.875000	SAME	SAME	KS	FINNEY	15	23S	34W	NENE	DEEP	PANTERA ENERGY COMPANY
1505520844	BAKER 4-15	1.000000	0.875000	SAME	SAME	KS	FINNEY	15	23S	34W	SWNESE	MORROW	PANTERA ENERGY COMPANY
3513921213	BAKER H-1	1.000000	0.721874	SAME	SAME	OK	TEXAS	34	6N	12E		MORROW C	PANTERA ENERGY COMPANY
1505521493	BARKER 3	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W		MORROW	PANTERA ENERGY COMPANY
1505521527	BARKER 4	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W	NESE	CHESTER	PANTERA ENERGY COMPANY
1505521528	BARKER 5	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W	SESE	MISSISSIPPI	PANTERA ENERGY COMPANY
1505521594	BARKER 6	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W	SWNE	MORROW	PANTERA ENERGY COMPANY
1505500725	BARKER 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520322	BARKER 2	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W		COUNCIL GROVE	PANTERA ENERGY COMPANY
1505521773	BARKER GAS UNIT 3-H	1.000000	0.875000	SAME	SAME	KS	FINNEY	12	26S	34W	SWSENW	CHASE	PANTERA ENERGY COMPANY
1505500422	BARTLOW 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	9	23S	34W	SESW	CHASE GROUP	PANTERA ENERGY COMPANY
1517521171	BAUGHMAN F 1-18	1.000000	0.875000	SAME	SAME	KS	SEWARD	18	31S	34W	SESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505500721	BEDFORD 2	0.500000	0.082350	SAME	SAME	KS	FINNEY	8	26S	34W		MARWATON	MCCOY PETROLEUM CORPORATION
1505521617	BEDFORD A-2	0.500000	0.437500	SAME	SAME	KS	FINNEY	8	26S	34W	NESW	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION
1505520264	BEDFORD A-2	0.500000	0.437500	SAME	SAME	KS	FINNEY	8	26S	34W		CHASE	CASILLAS PETROLEUM CORPORATION
1505521676	BEDFORD C-2	0.500000	0.437500	SAME	SAME	KS	FINNEY	8	26S	34W	NE SE NW NE	COUNCIL GROVE	CASILLAS PETROLEUM CORPORATION
3500722058	BENNETT C-1	1.000000	0.830035	SAME	SAME	OK	BEAVER	2	4N	21E		CHASE AND	CASILLAS PETROLEUM CORPORATION
3500724303	BENNETT F-1 (CHESTER)	0.735797	0.628493	SAME	SAME	OK	BEAVER	26	5N	21E		KANSAS CITY	PANTERA ENERGY COMPANY
3513923698	BESSIE 5-1	0.958333	0.860447	SAME	SAME	OK	TEXAS	5	4N	12E		CHESTER	PANTERA ENERGY COMPANY
1505500389	BIDWELL 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	23S	34W	C SE NE	KANSAS CITY	PANTERA ENERGY COMPANY
1505520771	BIDWELL 3-13	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	23S	34W	NENSWW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520842	BIDWELL 5-13	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	23S	34W	NENSWW	DEEP	PANTERA ENERGY COMPANY
1505520873	BIDWELL 6-13	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	23S	34W	NENSWW	FORT SCOTT	PANTERA ENERGY COMPANY
1505520912	BIDWELL 7-13	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	23S	34W	SESENW	LAISING-KC	PANTERA ENERGY COMPANY
						KS	FINNEY	13	23S	34W	SWNE	LKC-FT SCOTT	PANTERA ENERGY COMPANY



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

1505500480	BIHVN 1	1.000000	SAME	SAME	KS	FINNEY	16	245	34W	NETSW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520360	BIHVN 2	1.000000	SAME	0.875000	KS	FINNEY	16	245	34W	SZ	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520748	BIHVN 3-16	1.000000	SAME	0.875000	KS	FINNEY	16	245	34W	INWNE	DEEP	PANTERA ENERGY COMPANY
1517500120	BLAKEMER 1-31	1.000000	SAME	0.759453	KS	SEWARD	31	345	32W		MORROW	PANTERA ENERGY COMPANY
1517521703	BLAKEMER A-3	1.000000	SAME	0.875000	KS	SEWARD	31	345	32W		CHESTER	PANTERA ENERGY COMPANY
1517521724	BLAKEMER A-4 (CHESTER)	1.000000	SAME	0.820313	KS	SEWARD	31	345	32W		CHESTER	PANTERA ENERGY COMPANY
3500722015	BLAKEMORE L-1	1.000000	SAME	0.824629	OK	BEAVER	3	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500721918	BLAKEMORE M-1	1.000000	SAME	0.786621	OK	BEAVER	9	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724428	BLAKEMORE M-2 (B CHESTER)	1.000000	SAME	0.786621	OK	BEAVER	9	4N	21E		BASAL CHESTER	PANTERA ENERGY COMPANY
3500724428	BLAKEMORE N-1	1.000000	SAME	0.812373	OK	BEAVER	10	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724792	BLAKEMORE-WILDLIFE 2-16	1.000000	SAME	0.801130	OK	BEAVER	16	4N	21E	SW	BASAL CHESTER	PANTERA ENERGY COMPANY
1517520784	BLOOM B-1	0.500000	SAME	0.437500	KS	SEWARD	26	345	34W		LOWER	PANTERA ENERGY COMPANY
1517521722	BOLES C-2	1.000000	SAME	0.875000	KS	SEWARD	11	355	34W	SWNEW	ST LOUIS	PANTERA ENERGY COMPANY
1517521720	BOLES C-3	1.000000	SAME	0.875000	KS	SEWARD	11	355	34W	SEW	ST LOUIS	PANTERA ENERGY COMPANY
1517520646	BOLES 1-11	1.000000	SAME	0.854492	KS	SEWARD	11	325	34W	NZNWSE	MORROW	PANTERA ENERGY COMPANY
1517500067	BOLES 1-4	1.000000	SAME	0.875000	KS	SEWARD	4	355	34W		TORONTO 2	PANTERA ENERGY COMPANY
1517521757	BOLES B-5 (CHESTER)	1.000000	SAME	0.875000	KS	SEWARD	4	355	34W		CHESTER	PANTERA ENERGY COMPANY
1517521669	BOLES F-1 (ST LOUIS)	1.000000	SAME	0.875000	KS	SEWARD	2	355	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521707	BOLES F-2 (ST LOUIS)	1.000000	SAME	0.875000	KS	SEWARD	2	355	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521708	BOLES F-3 (ST LOUIS)	1.000000	SAME	0.875000	KS	SEWARD	2	355	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521718	BOLES F-4 (ST LOUIS)	1.000000	SAME	0.875000	KS	SEWARD	2	355	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521794	BOLES F-5 (LANSING)	1.000000	SAME	0.875000	KS	SEWARD	2	355	34W		LANSING	PANTERA ENERGY COMPANY
3513920113	BORCHERS A-1	1.000000	SAME	0.875000	OK	TEXAS	5	4N	14E		CHEROKEE	PANTERA ENERGY COMPANY
3513920624	BOWEN 1-22	0.709821	SAME	0.595313	OK	TEXAS	22	2N	14E		CHASE	PANTERA ENERGY COMPANY
1517521683	BOX A-1 (L MORROW)	1.000000	SAME	0.823785	KS	SEWARD	6	355	32W		LOWER	PANTERA ENERGY COMPANY
1518921919	BRECHEISEN A-1	1.000000	SAME	0.881348	KS	STEVENS	16	355	38W		UPPER MORROW	PANTERA ENERGY COMPANY
1518922400	BRECHEISEN B-1	0.958333	0.718750	0.875000	KS	STEVENS	33	345	38W	SE	LOWER	PANTERA ENERGY COMPANY
3513900409	BROCE 1-7	1.000000	SAME	0.875000	OK	TEXAS	7	4N	13E		MORROW	PANTERA ENERGY COMPANY
3500722831	BROWN J-1	1.000000	SAME	0.824219	OK	BEAVER	20	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500724906	BROWN J-2	1.000000	SAME	0.824219	OK	BEAVER	20	4N	21E		CHESTER	PANTERA ENERGY COMPANY
1517521621	BROWN K-1 (L MORROW)	1.000000	SAME	0.833333	KS	SEWARD	6	355	32W		LOWER	PANTERA ENERGY COMPANY
3500722100	BUNYARD A-1	1.000000	SAME	0.816421	OK	BEAVER	5	5N	20E		UPPER MORROW	PANTERA ENERGY COMPANY
1517520829	BUSH B-1H	1.000000	SAME	0.875000	KS	SEWARD	25	335	33W	SE SE NW SE	LANSING	PANTERA ENERGY COMPANY
1517521622	BUSH B-3 (MARMATON)	1.000000	SAME	0.875000	KS	SEWARD	25	335	33W		LANSING	PANTERA ENERGY COMPANY
1517521813	BUSH B-4 (MARMATON B)	1.000000	SAME	0.875000	KS	SEWARD	35	335	33W		MARMATON	PANTERA ENERGY COMPANY
1517520029	CADY A-1	1.000000	SAME	0.875000	KS	SEWARD	19	345	32W		LOWER	PANTERA ENERGY COMPANY
1517521562	CADY A-2 (U CHESTER)	1.000000	SAME	0.875000	KS	SEWARD	19	345	32W		CHESTER	PANTERA ENERGY COMPANY
1505520032	CAMPBELL 4 (SWD)	1.000000	SAME	N/A	KS	FINNEY	7	265	34W	NESE	LANSING-KC	PANTERA ENERGY COMPANY
1517521770	CAMPION A-1 (L MORROW)	1.000000	0.875	0.703125	KS	SEWARD	25	335	34W		LOWER	PANTERA ENERGY COMPANY
1518922352	CAVNER A-5A	1.000000	SAME	0.875000	KS	STEVENS	33	315	38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1518922362	CAVNER A-6 (SWD)	1.000000	SAME	N/A	KS	STEVENS	33	315	38W	NW	LOWER	PANTERA ENERGY COMPANY
1518922363	CAVNER A-7 (ST LOUIS)	1.000000	SAME	0.875000	KS	STEVENS	33	315	38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1508120361	KMAU 12-1 (CHARLES 1-12) W/W	1.000000	SAME	0.875000	KS	HASKELL	12	295	34W		MORROW	PANTERA ENERGY COMPANY
1517521792	CITY OF LIBERAL C-1 (ST LOUIS)	1.000000	SAME	0.847656	KS	SEWARD	36	345	34W		ST. LOUIS	PANTERA ENERGY COMPANY
3513935787	CITIES SERVICE A-1 (CHEROKEE)	1.000000	SAME	1.000000	OK	TEXAS	18	4N	14E		CHEROKEE	PANTERA ENERGY COMPANY
3513921253	CITIES SERVICE A-5	1.000000	SAME	1.000000	OK	TEXAS	18	4N	14E		UPPER MORROW	PANTERA ENERGY COMPANY
3513921679	CITIES SERVICE A-7	1.000000	SAME	1.000000	OK	TEXAS	18	4N	14E		KEYES	PANTERA ENERGY COMPANY
3513935788	CITIES SERVICE B-1	1.000000	SAME	1.000000	OK	TEXAS	14	4N	13E		KEYES 2	PANTERA ENERGY COMPANY
3513920634	CITIES SERVICE B-3	1.000000	SAME	1.000000	OK	TEXAS	14	4N	13E		UPPER MORROW	PANTERA ENERGY COMPANY
3513922479	CITIES SERVICE B-5	1.000000	SAME	1.000000	OK	TEXAS	14	4N	13E		UPPER MORROW	PANTERA ENERGY COMPANY



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

3513935789	CITIES SERVICE C-1	1.000000	1.000000	SAME	SAME	OK	TEXAS	11	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY
3513935795	CITIES SERVICE C-2	1.000000	1.000000	SAME	SAME	OK	TEXAS	11	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY
3513935790	CITIES SERVICE D-1	1.000000	1.000000	SAME	SAME	OK	TEXAS	17	4N	14E	UPPER MORROW	PANTERA ENERGY COMPANY
3513920851	CITIES SERVICE D-3 (MORROW)	1.000000	1.000000	SAME	SAME	OK	TEXAS	17	4N	14E	UPPER MORROW	PANTERA ENERGY COMPANY
3513935792	CITIES SERVICE F-1	1.000000	1.000000	SAME	SAME	OK	TEXAS	16	4N	14E	KEYES	PANTERA ENERGY COMPANY
3513921898	CITIES SERVICE I-2 (SWD)	1.000000	N/A	SAME	SAME	OK	TEXAS	11	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY
3513920697	CITIES SERVICE K-1	1.000000	1.000000	SAME	SAME	OK	TEXAS	17	4N	14E	CHEROKEE	PANTERA ENERGY COMPANY
3513922538	CLAREMONT A-3	1.000000	1.000000	SAME	0.875000	OK	TEXAS	7	5N	12E	MORROW F	PANTERA ENERGY COMPANY
1517500034	DAVIES 1-36	1.000000	1.000000	SAME	0.875000	KS	SEWARD	36	33S	32W	CHESTER	PANTERA ENERGY COMPANY
3500721730	CLENNY 24-6	0.249458	1.000000	SAME	0.218276	OK	BEAVER	6	1N	23E	CHESTER	RESOURCE OIL AND GAS LLC
1518920514	COBB UNIT 1-3	1.000000	1.000000	SAME	0.020000	KS	STEVENS	8	33S	36W	EDISON OPERATING COMPANY LLC	
1517521481	COOK 3-35	0.078125	1.000000	SAME	0.075800	KS	SEWARD	35	33S	34W	MORROW	EDISON OPERATING COMPANY LLC
3513922780	COPP A-2 (UPPER MORROW)	0.969040	1.000000	SAME	0.847904	OK	TEXAS	6	3N	14E	UPPER MORROW	PANTERA ENERGY COMPANY
1505500337	CORMACK 1-34	1.000000	1.000000	SAME	0.875000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505521151	CORMACK 1-34	1.000000	1.000000	SAME	0.175000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520877	CORMACK 2-34	1.000000	1.000000	SAME	0.875000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505521161	CORMACK 2-34	1.000000	1.000000	SAME	0.175000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505521190	CORMACK 3-34	1.000000	1.000000	SAME	0.175000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505521319	CORMACK 4-34	1.000000	1.000000	SAME	0.175000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505521694	CORMACK 6-34	1.000000	1.000000	SAME	0.175000	KS	FINNEY	34	22S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1517521653	CORRELL A-3	1.000000	1.000000	SAME	0.859375	KS	SEWARD	24	34S	33W	LOWER	PANTERA ENERGY COMPANY
1518922409	COTTRELL A-3	1.000000	1.000000	SAME	0.875000	KS	STEVENS	32	34S	38W	LOWER	PANTERA ENERGY COMPANY
1505500537	COWGILL 1	1.000000	1.000000	SAME	0.875000	KS	FINNEY	19	25S	32W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520889	COWGILL 2-19	1.000000	1.000000	SAME	0.875000	KS	FINNEY	19	25S	32W	CHASE GROUP	PANTERA ENERGY COMPANY
1518922163	CRISS A-2 (MORROW)	1.000000	1.000000	SAME	0.900391	KS	STEVENS	17	35S	38W	MORROW C	PANTERA ENERGY COMPANY
1517520426	CROW A-1	1.000000	1.000000	SAME	0.875000	KS	SEWARD	34	33S	34W	UPPER CHESTER 2	PANTERA ENERGY COMPANY
1517520593	CROW B-1	1.000000	1.000000	SAME	0.875000	KS	SEWARD	26	33S	34W	UPPER CHESTER	PANTERA ENERGY COMPANY
1505522329	CUNDIFF A-3	1.000000	1.000000	SAME	0.875000	KS	FINNEY	10	23S	34W	UPPER CHESTER	PANTERA ENERGY COMPANY
1505500406	DANIER 1	0.500000	1.000000	SAME	0.437500	KS	FINNEY	30	23S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520380	DANIER 2	0.500000	1.000000	SAME	0.437500	KS	FINNEY	30	23S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520585	DANIER 3	0.500000	1.000000	SAME	0.437500	KS	FINNEY	30	23S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1517510137	DAVIES 1-30	1.000000	1.000000	SAME	0.875000	KS	SEWARD	30	33S	31W	LOWER	PANTERA ENERGY COMPANY
1517510005	DAVIES C-1	1.000000	1.000000	SAME	0.875000	KS	SEWARD	31	33S	31W	LOWER	PANTERA ENERGY COMPANY
1517510172	DAVIES 2-6	1.000000	1.000000	SAME	0.875000	KS	SEWARD	6	34S	31W	LOWER	PANTERA ENERGY COMPANY
1517521558	DAVIES E-1 (MORROW/CHESTER)	1.000000	1.000000	SAME	0.875000	KS	SEWARD	36	33S	32W	L MORROW & U	PANTERA ENERGY COMPANY
3513923336	DAVIS TRUST B-1	1.000000	1.000000	SAME	0.812500	OK	TEXAS	26	6N	19E	BASAL CHESTER	PANTERA ENERGY COMPANY
1517521561	DAVIES F-1 (MORROW/CHESTER)	1.000000	1.000000	SAME	0.865156	KS	SEWARD	8	34S	31W	L MORROW & U	PANTERA ENERGY COMPANY
1517521737	DAVIES G-2 (L MORROW)	1.000000	1.000000	SAME	0.875000	KS	SEWARD	6	34S	31W	LOWER	PANTERA ENERGY COMPANY
1518921776	DAVIS D-2	1.000000	1.000000	SAME	0.820312	KS	STEVENS	14	33S	38W	LOWER	PANTERA ENERGY COMPANY
1518920410	DAVIS G-1	1.000000	1.000000	SAME	0.875000	KS	STEVENS	14	33S	38W	LOWER	PANTERA ENERGY COMPANY
1517521715	DOWNS A-1 (ST LOUIS)	1.000000	1.000000	SAME	0.722047	KS	FINNEY	11	35S	34W	ST LOUIS	PANTERA ENERGY COMPANY
1505500733	DEVLIN 1	0.825196	1.000000	SAME	0.481079	KS	FINNEY	19	26S	34W	CHASE	PANTERA ENERGY COMPANY
1505520369	DEVLIN 2	0.549805	1.000000	SAME	0.875000	KS	FINNEY	19	26S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
3500700218	DICK 1-31	1.000000	1.000000	SAME	0.825196	KS	FINNEY	19	26S	34W	CHASE	PANTERA ENERGY COMPANY
3500723840	DICK A-2	1.000000	1.000000	SAME	0.857419	OK	BEAVER	31	5N	21E	LOWER CHESTER	PANTERA ENERGY COMPANY
3500721961	DIRKS A-1-6	1.000000	1.000000	SAME	0.857420	OK	BEAVER	31	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY
3513921288	DIXON A-1	1.000000	1.000000	SAME	0.833536	OK	BEAVER	6	5N	21E	LOWER CHESTER	PANTERA ENERGY COMPANY
3500723421	DORMAN 1-1	1.000000	1.000000	SAME	0.875000	OK	TEXAS	5	4N	14E	KEYES	PANTERA ENERGY COMPANY
		0.20547	0.252886	0.20547	0.252886	OK	BEAVER	1	4N	21E	CHESTER	MONTEREY PRODUCTION COMPANY LLC



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

Well/Unit ID	Well/Unit Name	0.000000	0.000000	0.252886	0.20547	OK	BEAVER	1	4N	21E	SE	CHESTER	MONTEREY PRODUCTION COMPANY LLC
3500725256	DORMAN 2-1	0.000000	0.000000	0.20547	OK	BEAVER	1	4N	21E	SE	CHESTER	MONTEREY PRODUCTION COMPANY LLC	
3500724318	DORMAN C-1 (CHESTER)	0.718750	0.574829	SAME	OK	BEAVER	36	5N	21E		CHESTER	PANTERA ENERGY COMPANY	
1505500036	EARL CAMPBELL 1	1.000000	0.875000	SAME	KS	FINNEY	7	26S	34W	SWSE	MORROW-MISS	PANTERA ENERGY COMPANY	
1518921387	DUNNE-HOFFMANN K-1	0.500000	0.437889	SAME	KS	STEVENS	16	35S	38W		MORROW C	PANTERA ENERGY COMPANY	
150920951	FISHER D 2-13 (SWD)	1.000000	N/A	SAME	KS	KEARNEY	13	24S	35W	NWSE	LANSING-KC	PANTERA ENERGY COMPANY	
3513935801	EASTERWOOD A-3	1.000000	1.000000	SAME	OK	TEXAS	11	4N	13E		KEYES 2	PANTERA ENERGY COMPANY	
1517500187	ETZOLD 1-22	1.000000	0.875000	SAME	KS	SEWARD	22	33S	34W	NE NE NE SW	CHESTER	PANTERA ENERGY COMPANY	
NUMEROUS	ETZOLD UNIT NORTH	0.000000	0.875000	SAME	KS	SEWARD	22	33S	34W		CHESTER	ELM III OPERATING COMPANY LLC	
1517510145	FINCHAM A-2	1.000000	0.875000	SAME	KS	SEWARD	29	33S	34W	NWNE	MORROW	PANTERA ENERGY COMPANY	
1517520361	FINCHAM A-3	1.000000	0.875000	SAME	KS	SEWARD	29	33S	34W	NWNE	LOWER	PANTERA ENERGY COMPANY	
1517510144	FINCHAM B-1	1.000000	0.875000	SAME	KS	SEWARD	28	33S	34W		MORROW &	PANTERA ENERGY COMPANY	
1517521657	FINCHAM G-2 (L MORROW)	1.000000	0.875000	SAME	KS	SEWARD	33	33S	34W		LOWER	PANTERA ENERGY COMPANY	
150920370	FISHER D 1-13	1.000000	0.875000	SAME	KS	KEARNEY	13	24S	35W		MULTIPLE	PANTERA ENERGY COMPANY	
1505520736	FOSTER 3-19	1.000000	0.875000	SAME	KS	FINNEY	19	23S	34W	SWNE	MORROW	PANTERA ENERGY COMPANY	
1517521624	FITZGERALD B-1 (U LANSING)	1.000000	0.875000	SAME	KS	SEWARD	2	34S	35W		UPPER LANSING	PANTERA ENERGY COMPANY	
1505500395	FOSTER 1	1.000000	0.875000	SAME	KS	FINNEY	19	23S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY	
3500722233	FRANZ E-1	1.000000	0.839844	SAME	OK	BEAVER	4	4N	21E		KANSAS CITY 2	PANTERA ENERGY COMPANY	
1505520760	FOSTER 4-19	1.000000	0.875000	SAME	KS	FINNEY	19	23S	34W	NENW	DEEP	PANTERA ENERGY COMPANY	
1505500481	FOTOPOLOUS 1	1.000000	0.875000	SAME	KS	FINNEY	17	24S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520348	FOTOPOLOUS 2	1.000000	0.875000	SAME	KS	FINNEY	17	24S	34W	E2	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1505520749	FOTOPOLOUS 3-17	1.000000	0.875000	SAME	KS	FINNEY	17	24S	34W	SESE	DEEP	PANTERA ENERGY COMPANY	
1509300388	GARDEN A-1	1.000000	0.875000	SAME	KS	KEARNEY	1	24S	35W	SESE	CHASE GROUP	PANTERA ENERGY COMPANY	
1517520070	FULLER A-1	1.000000	0.875000	SAME	KS	SEWARD	30	33S	34W		MORROW	PANTERA ENERGY COMPANY	
1517520820	FULLER C-1	1.000000	0.812500	SAME	KS	SEWARD	13	35S	34W		LOWER	PANTERA ENERGY COMPANY	
1517520642	GAMMELL A-1	1.000000	0.812500	SAME	KS	SEWARD	29	33S	34W		CHESTER	PANTERA ENERGY COMPANY	
1509320586	GARDEN A-3	1.000000	0.875000	SAME	KS	KEARNEY	1	24S	35W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1509321005	GARDEN A-4 (SWD)	1.000000	N/A	SAME	KS	KEARNEY	1	24S	35W	NENW	CHASE GROUP	PANTERA ENERGY COMPANY	
1509321494	GARDEN A-5	1.000000	0.875000	SAME	KS	KEARNEY	1	24S	35W	SENE	CHASE	PANTERA ENERGY COMPANY	
1509320805	GARDEN B D1-13	1.000000	0.875000	SAME	KS	KEARNEY	13	23S	35W	SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1509300085	GARDEN B-1	1.000000	0.875000	SAME	KS	KEARNEY	13	23S	35W		CHASE GROUP	PANTERA ENERGY COMPANY	
1505500394	GARDEN C-1	1.000000	0.875000	SAME	KS	FINNEY	18	23S	34W	NWSE	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520356	GARDEN C-10	1.000000	0.875000	SAME	KS	FINNEY	16	23S	34W	NE	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1505520741	GARDEN C-12-18	1.000000	0.875000	SAME	KS	FINNEY	18	23S	34W	NENW	CHASE	PANTERA ENERGY COMPANY	
1505521342	GARDEN C-14	1.000000	0.875000	SAME	KS	FINNEY	22	23S	34W	SESW	DEEP	PANTERA ENERGY COMPANY	
1505500398	GARDEN C-3	1.000000	0.875000	SAME	KS	FINNEY	22	23S	34W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520294	GARDEN C-8	1.000000	0.875000	SAME	KS	FINNEY	22	23S	34W	W2	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1505521148	GARDEN CITY 1-16	1.000000	0.125000	SAME	KS	FINNEY	16	23S	34W	NWNE	CHASE	PANTERA ENERGY COMPANY	
1505521180	GARDEN CITY 2-16	1.000000	0.125000	SAME	KS	FINNEY	16	23S	34W	NENE	WHITCO PETROLEUM LP	WHITCO PETROLEUM LP	
1505521192	GARDEN CITY 3-16	1.000000	0.125000	SAME	KS	FINNEY	16	23S	34W	NENW	WHITCO PETROLEUM LP	WHITCO PETROLEUM LP	
1509300398	GARDEN CITY O-1	0.889100	0.778137	SAME	KS	KEARNEY	11	24S	35W	N2SE	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1509321540	GARDEN CITY O-2	0.889100	0.778137	SAME	KS	KEARNEY	11	24S	35W	SW NW SE NE	CHASE GROUP	PANTERA ENERGY COMPANY	
1509321823	GARDEN CITY O-3	0.889100	0.778137	SAME	KS	KEARNEY	11	24S	35W		CHASE/COUNCIL	PANTERA ENERGY COMPANY	
1505521189	GARDEN CITY UPR 1-13	1.000000	0.125000	SAME	KS	FINNEY	13	23S	34W	ESWSE	BEREXCO LLC	BEREXCO LLC	
1517521618	GAREY A-3 (LOWER MORROW)	1.000000	0.875000	SAME	KS	SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY	
1517521667	GAREY A-4 (L MORROW)	1.000000	0.875000	SAME	KS	SEWARD	27	33S	33W		LOWER	PANTERA ENERGY COMPANY	
1505500469	GARNAND 1	0.632500	0.553443	SAME	KS	FINNEY	5	24S	34W	SWNE	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520321	GARNAND 2	1.000000	0.829057	SAME	KS	FINNEY	5	24S	34W	S2NW	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1505520827	GARNAND 3-5	0.632500	0.553443	SAME	KS	FINNEY	5	24S	34W	SWNW	DEEP	PANTERA ENERGY COMPANY	
1508120800	GILES 1-27	0.000000	0.118100	SAME	KS	HASKELL	27	29S	34W	SESENE	CHESTER	DARRAH OIL COMPANY LLC	



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

1508120890	GILES 2-27	0.241250	SAME	SAME	SAME	KS	HASKELL	27	295	34W	NENE	CHESTER	DARRAH OIL COMPANY LLC
1512921614	GLENN 1-214	0.500000	SAME	0.471094	SAME	KS	MORTON	14	325	41W	N2 NW NE	MORROW	PIONEER OIL COMPANY INC
3513920737	GOODWIN A-1	1.000000	SAME	0.875000	SAME	OK	TEXAS	36	4N	12E		MORROW D	PANTERA ENERGY COMPANY
3513924115	GOODWIN A-2	1.000000	SAME	0.875000	SAME	OK	TEXAS	36	4N	12E	SW NE SW SW	MORROW	PANTERA ENERGY COMPANY
1517521714	HATCHER B-2 (ST LOUIS)	1.000000	SAME	0.875000	SAME	KS	SEWARD	35	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517520604	GROVER B-1	1.000000	SAME	0.875000	SAME	KS	SEWARD	1	35S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521716	GROVER B-2 (ST LOUIS)	1.000000	SAME	0.875000	SAME	KS	SEWARD	2	35S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517520877	GROVER D-1 (UPPER CHESTER)	1.000000	SAME	0.875000	SAME	KS	SEWARD	17	35S	34W		Multiple	PANTERA ENERGY COMPANY
3500730060	GRUNAU 1-28	0.250000	SAME	0.218750	SAME	OK	BEAVER	28	2N	22E	NWSE	CHESTER	COURSON OIL & GAS INCORPORATED
3513901852	HAAR 2-32	1.000000	SAME	0.875000	SAME	OK	TEXAS	32	6N	13E		MORROW C	PANTERA ENERGY COMPANY
3513935811	HAAR C-2	1.000000	SAME	0.849399	SAME	OK	TEXAS	30	6N	13E		MORROW C	PANTERA ENERGY COMPANY
3513922274	HAAR C-5	1.000000	SAME	0.875000	SAME	OK	TEXAS	30	6N	13E		KEYES	PANTERA ENERGY COMPANY
3513922373	HAAR I-2	1.000000	SAME	0.875000	SAME	OK	TEXAS	31	6N	13E		MORROW	PANTERA ENERGY COMPANY
3500721762	HAMM A-1-33	0.750000	SAME	0.656250	SAME	OK	BEAVER	33	6N	20E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500725211	HARLEY #1-13	0.000000	SAME	0.015625	SAME	OK	BEAVER	13	2N	20E	NW	HUNTINGTON	HUNTINGTON ENERGY LLC
1517521648	HARDEN A-3 (CHESTER)	1.000000	SAME	0.875000	SAME	KS	SEWARD	34	33S	33W		CHESTER	PANTERA ENERGY COMPANY
1517521717	HATCHER B-3	1.000000	SAME	0.875000	SAME	KS	SEWARD	34	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521719	HATCHER B-4	1.000000	SAME	0.875000	SAME	KS	SEWARD	35	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521721	HATCHER B-5	1.000000	SAME	0.875000	SAME	KS	SEWARD	35	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521729	HATCHER C-1 (ST LOUIS)	1.000000	SAME	0.875000	SAME	KS	SEWARD	34	34S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1517521817	HATCHER D-1 (MARMATON)	1.000000	SAME	0.875000	SAME	KS	SEWARD	26	33S	33W	SE	MARMATON	PANTERA ENERGY COMPANY
1517521740	HEADRICK A-2 (ST LOUIS)	1.000000	SAME	0.875000	SAME	KS	SEWARD	11	35S	34W		ST. LOUIS	PANTERA ENERGY COMPANY
1505500728	HATFIELD 1	1.000000	SAME	0.875000	SAME	KS	FINNEY	15	26S	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520278	HATFIELD 2	1.000000	SAME	0.875000	SAME	KS	FINNEY	15	26S	34W	SESW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520821	HATFIELD 3-15	1.000000	SAME	0.875000	SAME	KS	FINNEY	15	26S	34W	SESW	DEEP	PANTERA ENERGY COMPANY
3500724841	HEADRICK 33A (UPPER CHESTER)	0.125000	SAME	0.101563	SAME	OK	BEAVER	32	6N	20E	NE	UPPER CHESTER	FOUNDATION ENERGY MANAGEMENT LLC
1517520838	HEADRICK A-1	1.000000	SAME	0.830889	SAME	KS	SEWARD	11	35S	34W		MORROW	PANTERA ENERGY COMPANY
1518921416	HITTLE A-2	0.924651	SAME	0.798816	SAME	KS	SEWARD	11	35S	39W		MORROW	PANTERA ENERGY COMPANY
1517521752	HEADRICK A-3 (CHESTER)	1.000000	SAME	0.830889	SAME	KS	SEWARD	11	35S	34W		CHESTER	PANTERA ENERGY COMPANY
1509300728	HEINTZ 1	1.000000	SAME	0.875000	SAME	KS	KEARNY	6	25S	37W	SESW	CHASE GROUP	PANTERA ENERGY COMPANY
1509320384	HEINTZ 2	1.000000	SAME	0.875000	SAME	KS	KEARNY	6	25S	37W	SWNE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509320954	HEINTZ 3-6	1.000000	SAME	0.875000	SAME	KS	KEARNY	6	25S	37W	SESW	DEEP	PANTERA ENERGY COMPANY
3513921207	HEINTZ E-1	0.989583	SAME	0.867023	SAME	OK	TEXAS	11	5N	12E		MORROW F	PANTERA ENERGY COMPANY
3513924084	HELEN 19-1 H	1.000000	SAME	0.811119	SAME	OK	TEXAS	19	4N	13E	NE	ADMIRE	PANTERA ENERGY COMPANY
1518921244	HERBEL A-1	1.000000	SAME	0.847656	SAME	KS	STEVENS	23	34S	39W		MORROW C	PANTERA ENERGY COMPANY
1518922153	HITTLE A-5 (L MORROW)	0.924651	SAME	0.798816	SAME	KS	STEVENS	35	31S	39W		LOWER	PANTERA ENERGY COMPANY
1518922348	HITTLE A-6 (U MORROW)	0.924651	SAME	0.798816	SAME	KS	STEVENS	34	31S	39W		LOWER	PANTERA ENERGY COMPANY
1505521826	HJV BROWN M-1	1.000000	SAME	0.812500	SAME	KS	FINNEY	15	25S	34W	NW	MORROW A	PANTERA ENERGY COMPANY
1518922345	HJV CHRISTOPHER A-1	1.000000	SAME	0.812500	SAME	KS	STEVENS	3	33S	3W		LOWER	PANTERA ENERGY COMPANY
1518922364	HJV CORNELL UNIVERSITY A-1	1.000000	SAME	0.803125	SAME	KS	STEVENS	3	33S	39W		MORROW	PANTERA ENERGY COMPANY
1518922394	HJV CORNELL UNIVERSITY B-1	1.000000	SAME	0.784375	SAME	KS	STEVENS	6	33S	36W	NE	LOWER	PANTERA ENERGY COMPANY
1518922326	HJV MILLER A-1 (MORROW)	1.000000	SAME	0.812500	SAME	KS	STEVENS	28	32S	35W		LOWER	PANTERA ENERGY COMPANY
1518922399	HJV MUNCY A-1	1.000000	SAME	0.812500	SAME	KS	STEVENS	3	31S	39W	NW	LOWER	PANTERA ENERGY COMPANY
1506721534	HJV ROTH A-1	1.000000	SAME	0.812500	SAME	KS	GRANT	25	30S	35W	SE	MORROW	PANTERA ENERGY COMPANY
1518922422	HJV SCHMIDT A-1	1.000000	SAME	0.936719	SAME	KS	STEVENS	26	31S	39W		MORROW	PANTERA ENERGY COMPANY
1518922278	HJV SPRING A-1	0.500000	SAME	0.437500	SAME	KS	STEVENS	29	32S	37W		MORROW	PANTERA ENERGY COMPANY
1508121330	HJV WINTER A-1 (U MORROW)	1.000000	SAME	0.812500	SAME	KS	HASKELL	1	28S	34W		UPPER MORROW	PANTERA ENERGY COMPANY
1508121375	HJV WINTER A-2 (U MORROW)	1.000000	SAME	0.812500	SAME	KS	HASKELL	1	28S	34W	NE	UPPER MORROW	PANTERA ENERGY COMPANY
1517521405	HOME ROYALTY A-2	0.473618	SAME	0.414416	SAME	KS	SEWARD	17	31S	34W		CHESTER	CASILLAS PETROLEUM CORPORATION
1517521773	HOME ROYALTY A-4	0.473618	SAME	0.414416	SAME	KS	SEWARD	17	31S	34W		KANSAS CITY	CASILLAS PETROLEUM CORPORATION



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1517521821	HOME ROYALTY A-5	0.473618	0.414416	SAME	SAME	SAME	KS	SEWARD	17	31S	34W	CHESTER	CASILLAS PETROLEUM CORPORATION
1506720342	HOOPER 1-28	1.000000	0.875000	SAME	SAME	SAME	KS	GRANT	28	30S	35W	CHESTER	PANTERA ENERGY COMPANY
3513935234	KEENAN 2-26	1.000000	0.875000	SAME	SAME	SAME	OK	TEXAS	26	4N	13E	KEYES 2	PANTERA ENERGY COMPANY
1517530030	HOWLAND A-1	1.000000	0.875000	SAME	SAME	SAME	KS	SEWARD	34	33S	34W	MORROW	PANTERA ENERGY COMPANY
3500721858	HUEBNER 1-18	1.000000	0.204476	SAME	SAME	SAME	OK	BEAVER	18	5N	21E	LOT 4 (SWSW)	COURSON OIL & GAS INCORPORATED
3500723178	HUEBNER B-1	1.000000	0.812500	SAME	SAME	SAME	OK	BEAVER	23	5N	20E	LOWER CHESTER	PANTERA ENERGY COMPANY
3500723821	HUEBNER B-2	1.000000	0.812500	SAME	SAME	SAME	OK	BEAVER	23	5N	20E	BASAL CHESTER	PANTERA ENERGY COMPANY
1508120341	KMU 13-1 (HUNGATE 2-13)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	13	29S	34W	multiple	PANTERA ENERGY COMPANY
35139922775	KEENAN A-7 (U MORROW)	1.000000	0.875002	SAME	SAME	SAME	OK	TEXAS	25	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY
1508120360	KMU 13-4 (HUNGATE A-4) WSW	1.000000	N/A	SAME	SAME	SAME	KS	HASKELL	13	29S	34W	LANSING	PANTERA ENERGY COMPANY
35139921101	KEENAN B-1	1.000000	0.875000	SAME	SAME	SAME	OK	TEXAS	36	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY
1508121347	KMU 13-3 (HUNGATE A-7)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	13	29S	34W	multiple	PANTERA ENERGY COMPANY
3500722282	ISAAC A-2	0.887500	0.702406	SAME	SAME	SAME	OK	BEAVER	17	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY
1505521176	ISABELLE 1-19	0.000000	0.125000	SAME	SAME	SAME	KS	FINNEY	19	23S	34W	NWSWNE	BEREXCO LLC
1505522565	ISABELLE 2-19	0.000000	0.125000	SAME	SAME	SAME	KS	FINNEY	19	23S	34W	BEREXCO LLC	
1512920025	JOHNS 1-3	0.000000	0.082030	SAME	SAME	SAME	KS	MORTON	3	32S	41W	MORROW	EXTREME ENERGY CO.
1505500810	JOHNSON 1	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	16	23S	33W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520825	JOHNSON 2-16	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	16	23S	33W	SESWNW	PANTERA ENERGY COMPANY
1505500466	JONES 1	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	2	24S	34W	NWSE	PANTERA ENERGY COMPANY
1505520296	JONES 2	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	2	24S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520830	JONES 3	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	2	24S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
3500721287	JONES A-1	0.875000	0.723515	SAME	SAME	SAME	OK	BEAVER	35	4N	22E	MORROW &	PANTERA ENERGY COMPANY
1505520355	JOSS 2	0.500000	0.437500	SAME	SAME	SAME	KS	FINNEY	36	23S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505524399	JOSS 3	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	36	23S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505500475	KANSAS 1	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	11	24S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520382	KANSAS 2	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	11	24S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520747	KANSAS 3-11	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	11	24S	34W	SW	PANTERA ENERGY COMPANY
1517521351	KEATING-STEPHENS 5-2	0.101525	0.080637	SAME	SAME	SAME	KS	SEWARD	2	34S	34W	NE	PANTERA ENERGY COMPANY
1517521637	KEATING-STEPHENS 6-2	0.101390	0.081112	SAME	SAME	SAME	KS	SEWARD	2	34S	34W	NWSW	EDISON OPERATING COMPANY LLC
1517521747	KEATING-STEPHENS A-5	0.539000	0.463454	SAME	SAME	SAME	KS	SEWARD	2	34S	34W	CHASE	PANTERA ENERGY COMPANY
35139922779	KEENAN B-3	1.000000	0.875000	SAME	SAME	SAME	OK	TEXAS	36	4N	13E	MORROW	PANTERA ENERGY COMPANY
1508120367	KMU 12-2 (CHARLES 2-12) WIW	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	12	29S	34W	ATOKA	PANTERA ENERGY COMPANY
1508120370	KMU 13-2 (HUNGATE 5-13)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	13	29S	34W	multiple	PANTERA ENERGY COMPANY
1508120847	KMU 13-5 (HUNGATE A-6) WIW	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	13	29S	34W	multiple	PANTERA ENERGY COMPANY
1517510140	KELLER 1-25	1.000000	0.875000	SAME	SAME	SAME	KS	SEWARD	25	33S	32W	MARMATON	PANTERA ENERGY COMPANY
1517521616	KELLER D-1 (L MORROW)	1.000000	0.875000	SAME	SAME	SAME	KS	SEWARD	25	33S	32W	LOWER	PANTERA ENERGY COMPANY
1508120190	KMU 14-1 (YUNCKER 2-14)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	14	29S	34W	LOWER	PANTERA ENERGY COMPANY
3500723224	LAW D-1	0.966535	0.787069	SAME	SAME	SAME	OK	BEAVER	21	3N	22E	MARMATON	PANTERA ENERGY COMPANY
3500722697	LAW FARMS 1-21	0.728016	0.593271	SAME	SAME	SAME	OK	BEAVER	21	3N	22E	CHESTER	PANTERA ENERGY COMPANY
3500722974	LAW FARMS 3-21	0.746098	0.607963	SAME	SAME	SAME	OK	BEAVER	21	3N	22E	CHESTER	PANTERA ENERGY COMPANY
1505500393	LEAVITT 1	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	17	23S	34W	CHASE GROUP	PANTERA ENERGY COMPANY
1505520381	LEAVITT 3	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	17	23S	34W	W2	PANTERA ENERGY COMPANY
1505520740	LEAVITT 4-17	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	17	23S	34W	NE	PANTERA ENERGY COMPANY
1505500622	LEE 1	1.000000	0.875000	SAME	SAME	SAME	KS	FINNEY	32	25S	34W	SENV	PANTERA ENERGY COMPANY
1505520300	LEE 2	0.800000	0.683594	SAME	SAME	SAME	KS	FINNEY	32	25S	34W	W2E2	PANTERA ENERGY COMPANY
1508120233	KMU 14-2 (YUNCKER 5-14)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	14	29S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1508120846	KMU 14-3 (YUNCKER A-8)	1.000000	0.875000	SAME	SAME	SAME	KS	HASKELL	14	29S	34W	MARMATON	PANTERA ENERGY COMPANY
1517521584	LEMON TRUST B-1 (MORROW)	1.000000	0.759453	SAME	SAME	SAME	KS	HASKELL	14	29S	34W	MARMATON	PANTERA ENERGY COMPANY
1517521725	LEMON TRUST B-2 (CHESTER)	1.000000	0.759453	SAME	SAME	SAME	KS	SEWARD	32	34S	32W	LOWER	PANTERA ENERGY COMPANY
1517521725	LEMON TRUST B-2 (CHESTER)	1.000000	0.759453	SAME	SAME	SAME	KS	SEWARD	32	34S	32W	CHESTER	PANTERA ENERGY COMPANY



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

3513930209	LEVALLEY A-1	1.000000	SAME	SAME	OK	TEXAS	19	6N	13E	MORROW C	PANTERA ENERGY COMPANY	
1517520231	LIGHT 1-5	0.000000	SAME	0.125000	KS	SEWARD	5	34S	32W	LOWER	EDISON OPERATING COMPANY LLC	
1505500727	LOCKWOOD 1	1.000000	SAME	0.875000	KS	FINNEY	14	26S	34W	NEW	PANTERA ENERGY COMPANY	
1505520298	LOCKWOOD 2	1.000000	SAME	0.875000	KS	FINNEY	14	26S	34W	N2	PANTERA ENERGY COMPANY	
1505520823	LOCKWOOD 3-14	1.000000	SAME	0.875000	KS	FINNEY	14	26S	34W	NENW	PANTERA ENERGY COMPANY	
3500721962	LOEPP B-1	1.000000	SAME	0.781498	OK	BEAVER	34	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY	
1518921778	LOFLIN A-2	0.566093	SAME	0.495331	KS	STEVENS	1	33S	38W	LOWER	PANTERA ENERGY COMPANY	
1508121350	KMU 14-5 (YUNCKER A-9) WIW	1.000000	SAME	0.875000	KS	HASKELL	14	29S	34W	Multiple	PANTERA ENERGY COMPANY	
1508120854	KMU 14-6 (YUNCKER B-2) WIW	1.000000	SAME	0.875000	KS	HASKELL	14	29S	34W	MARMATON	PANTERA ENERGY COMPANY	
1509321492	LOUCKS A-3	0.750000	SAME	0.656250	KS	KEARNY	18	24S	36W	SWNENE	PANTERA ENERGY COMPANY	
1509300443	LOUCKS A-1	0.750000	SAME	0.656250	KS	KEARNY	18	24S	36W	NWNE	PANTERA ENERGY COMPANY	
1509320382	LOUCKS A-2	0.750000	SAME	0.656250	KS	KEARNY	18	24S	36W	EZEZSW	PANTERA ENERGY COMPANY	
1509300432	LOUCKS B-1	0.750000	SAME	0.656250	KS	KEARNY	8	24S	36W	SEWV	PANTERA ENERGY COMPANY	
1509321496	LOUCKS B-3	0.750000	SAME	0.656250	KS	KEARNY	8	24S	36W	NENE	PANTERA ENERGY COMPANY	
3500724365	LOWREY A-1 (B CHESTER)	1.000000	SAME	0.812500	OK	BEAVER	36	5N	20E	BASAL CHESTER	PANTERA ENERGY COMPANY	
3500722247	LYNCH 1-1	0.252886	SAME	0.205470	OK	BEAVER	1	4N	21E	CHESTER	MONTEREY PRODUCTION COMPANY LLC	
3500721924	LYNCH C-1	0.983430	SAME	0.831616	OK	BEAVER	27	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY	
1517521124	MAHONEY A-1	1.000000	SAME	0.875000	KS	SEWARD	27	34S	34W	ST. LOUIS	PANTERA ENERGY COMPANY	
1517521388	MALIN A-3	1.000000	SAME	0.875000	KS	SEWARD	34	33S	34W	CHESTER	PANTERA ENERGY COMPANY	
1517521693	MALIN A-4	1.000000	SAME	0.875000	KS	SEWARD	34	33S	34W	LOWER	PANTERA ENERGY COMPANY	
1517521691	MALIN B-1 (U MORROW)	1.000000	SAME	0.812500	KS	SEWARD	3	33S	32W	UPPER MORROW	PANTERA ENERGY COMPANY	
3500721328	MANSFIELD A 1 ST 6321	0.250000	SAME	0.205790	OK	BEAVER	25	3N	22E	CHESTER	NATURAL GAS ANADARKO COMPANY	
1517520498	MARCELLUS A-1	1.000000	SAME	0.875000	KS	SEWARD	23	33S	34W	CHESTER 2	PANTERA ENERGY COMPANY	
1508120909	KMU 14-7 (YUNCKER B-3) WIW	1.000000	SAME	0.875000	KS	HASKELL	14	29S	34W	CHESTER	PANTERA ENERGY COMPANY	
3513922723	KREY D-1 (MORROW F)	1.000000	SAME	0.875000	OK	TEXAS	31	6N	12E	MORROW F	PANTERA ENERGY COMPANY	
3513922769	KREY D-2 (MORROW F)	1.000000	SAME	0.875000	OK	TEXAS	31	6N	12E	MORROW F	PANTERA ENERGY COMPANY	
1517530014	MCAHREN A-1	1.000000	SAME	0.859375	KS	SEWARD	24	34S	33W	LOWER	PANTERA ENERGY COMPANY	
1517520080	MCAHREN B-1	1.000000	SAME	0.859375	KS	SEWARD	24	34S	33W	UPPER CHESTER	PANTERA ENERGY COMPANY	
3513922404	MCLANAHAN 3-32	1.000000	SAME	0.878955	OK	TEXAS	32	6N	12E	MORROW C	PANTERA ENERGY COMPANY	
1517510148	MCCLURE E-1	1.000000	SAME	0.875000	KS	SEWARD	5	34S	31W	LOWER	PANTERA ENERGY COMPANY	
1517521613	MCCLURE I-1 (L MORROW)	1.000000	SAME	0.875000	KS	SEWARD	5	34S	31W	LOWER	PANTERA ENERGY COMPANY	
1517520424	MCGEE 2	0.000000	SAME	0.109375	KS	SEWARD	18	33S	34W	RESERVOIR 01	EXTREME ENERGY CO.	
1505500482	MCGONIGAL 1	1.000000	SAME	0.875000	KS	FINNEY	18	24S	34W	CHASE GROUP	PANTERA ENERGY COMPANY	
1505520277	MCGONIGAL 1-2	1.000000	SAME	0.875000	KS	FINNEY	18	24S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY	
1505520750	MCGONIGAL 3-18	1.000000	SAME	0.875000	KS	FINNEY	18	24S	34W	DEEP	PANTERA ENERGY COMPANY	
1517530082	LEMERT A-1	1.000000	SAME	0.875000	KS	SEWARD	4	35S	34W	TORONTO 2	PANTERA ENERGY COMPANY	
3513922888	LONG C-1 (CHEROKEE)	1.000000	SAME	0.812500	OK	TEXAS	12	4N	13E	CHEROKEE	PANTERA ENERGY COMPANY	
3513922852	LONG D-1 (U MORROW)	1.000000	SAME	0.812500	OK	TEXAS	7	4N	14E	UPPER MORROW	PANTERA ENERGY COMPANY	
1517521743	LEMERT C-1 (B CHESTER)	1.000000	SAME	0.875000	KS	SEWARD	7	35S	33W	BASAL CHESTER	PANTERA ENERGY COMPANY	
1517520510	MATKIN A-1	1.000000	SAME	0.850220	KS	SEWARD	34	34S	34W	CHESTER	PANTERA ENERGY COMPANY	
1517521749	MATKIN A-3 (SWD)	1.000000	SAME	N/A	KS	SEWARD	34	34S	34W	SESW	PANTERA ENERGY COMPANY	
3513935820	MCMURRY A-1	0.632261	SAME	0.550345	OK	TEXAS	16	6N	10E	TOPEKA 2	PANTERA ENERGY COMPANY	
1517521199	MEHL A-2	1.000000	SAME	0.859375	KS	SEWARD	26	34S	34W	ST. LOUIS	PANTERA ENERGY COMPANY	
3513920796	MESSINGER A-1	1.000000	SAME	0.875002	OK	TEXAS	13	4N	12E	UPPER MORROW	PANTERA ENERGY COMPANY	
3500722331	MATKIN B-1 (U MORROW)	0.750000	SAME	0.609375	OK	BEAVER	9	5N	20E	UPPER CHESTER	PANTERA ENERGY COMPANY	
1518922431	METTS A-4	0.500000	SAME	0.437500	KS	STEVENS	11	32S	38W	ST. LOUIS	PANTERA ENERGY COMPANY	
1518922437	METTS A-5	1.000000	SAME	0.500000	KS	STEVENS	12	32S	38W	NW	MORROW	PANTERA ENERGY COMPANY
1517520526	MCHARGUE A-2	1.000000	SAME	0.875000	KS	SEWARD	2	33S	34W	ST. LOUIS	PANTERA ENERGY COMPANY	
1517521681	MILHON B-1 (CHESTER)	1.000000	SAME	0.812500	KS	SEWARD	4	33S	32W	CHESTER	PANTERA ENERGY COMPANY	
1517521751	MILHON B-3	1.000000	SAME	0.812500	KS	SEWARD	4	33S	32W	CHASE	PANTERA ENERGY COMPANY	



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

1517520856	MCHARGUE A-3 (OIL)	1.000000	0.875000	SAME	SAME	KS	SEWARD	2	33S	34W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521652	MCHARGUE A-4 (ST. LOUIS)	1.000000	0.875000	SAME	SAME	KS	SEWARD	2	33S	34W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517522286	MCHARGUE A-5	1.000000	0.875000	SAME	SAME	KS	SEWARD	2	33S	34W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517522287	MCHARGUE A-6	1.000000	0.875000	SAME	SAME	KS	SEWARD	2	33S	34W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1508121061	MLP BLACK 2-3	0.000000	0.051693	SAME	SAME	KS	HASKELL	3	30S	34W	SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121459	MLP BLACK 3-2	0.250000	0.246914	SAME	SAME	KS	HASKELL	2	30S	34W	SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121067	MLP BLACK 3-3	0.000000	0.051693	SAME	SAME	KS	HASKELL	3	30S	34W	SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121499	MLP BLACK 4-2	0.250000	0.246914	SAME	SAME	KS	HASKELL	2	30S	34W	E SE SW	CHESTER	EDISON OPERATING COMPANY LLC
1508121068	MLP BLACK 4-3	0.000000	0.051693	SAME	SAME	KS	HASKELL	3	30S	34W	SW	BASAL CHESTER	EDISON OPERATING COMPANY LLC
1508121158	MLP BLACK 5 3	0.500000	0.465000	SAME	SAME	KS	HASKELL	3	30S	34W	SW	MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508121204	MLP CLAWSON TRUST 1 3S	0.500000	0.496250	SAME	SAME	KS	HASKELL	3S	29S	34W	NW SW	EDISON OPERATING COMPANY LLC	
1508121220	MLP CLAWSON TRUST 2 3S	0.250000	0.296250	SAME	SAME	KS	HASKELL	3S	29S	34W	NW NW	EDISON OPERATING COMPANY LLC	
1508121505	MLP CLAWSON TRUST 4-34	0.000000	0.051693	SAME	SAME	KS	HASKELL	34	29S	34W	NWSW	CHESTER	EDISON OPERATING COMPANY LLC
1508121422	MLP CLAWSON TRUST 4-35	0.250000	0.296250	SAME	SAME	KS	HASKELL	35	29S	34W	SESW	CHESTER	CHESAPEAKE OPERATING INCORPORATED
1517521730	MCHARGUE B-1	1.000000	0.836778	SAME	SAME	KS	SEWARD	14	35S	34W	SW	TORONTO	PANTERA ENERGY COMPANY
1518922381	MLP CLOSE E-1	0.512054	0.482526	SAME	SAME	KS	STEVENS	34	31S	39W	SW	LOWER	PANTERA ENERGY COMPANY
1518921336	METTS A-2	1.000000	0.912500	SAME	SAME	KS	STEVENS	12	32S	38W	SW	ST. LOUIS	PANTERA ENERGY COMPANY
1518922449	METTS A-6	0.500000	0.512500	SAME	SAME	KS	STEVENS	12	32S	38W	NW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521231	MLP BAUGHMAN A	0.862500	0.750000	SAME	SAME	KS	SEWARD	18	31S	34W	SW	MARION	PANTERA ENERGY COMPANY
1518921559	MLP KANSAS UNIVERSITY A-1	0.862500	0.755616	SAME	SAME	KS	STEVENS	20	31S	38W	SW	MORROW	PANTERA ENERGY COMPANY
1508121058	MLP LEATHERS LAND 2-10	0.000000	0.051693	SAME	SAME	KS	HASKELL	10	30S	34W	SW	MORROW	EDISON OPERATING COMPANY LLC
1508121230	MLP LESUE 1-26	0.500000	0.465000	SAME	SAME	KS	HASKELL	26	29S	34W	SESE	ST. GENEVIEVE	CHESAPEAKE OPERATING INCORPORATED
1517521374	MLP BAUGHMAN B-1, NOW MLP BAUGHMAN "C" 1	0.862500	0.755000	SAME	SAME	KS	SEWARD	18	31S	34W	SW	CHESTER	PANTERA ENERGY COMPANY
1508121236	MLP BLACK 1 2	0.500000	0.443828	SAME	SAME	KS	HASKELL	2	30S	34W	NW NW	CHESTER	EDISON OPERATING COMPANY LLC
1508121444	MLP BLACK 2-2	0.500000	0.443828	SAME	SAME	KS	HASKELL	2	30S	34W	NW	CHESTER	EDISON OPERATING COMPANY LLC
1518922330	MLP CLOSE A-1	0.512054	0.474643	SAME	SAME	KS	STEVENS	34	31S	39W	NESW		PANTERA ENERGY COMPANY
1518922316	MLP CORNELL UNIVERSITY A-1	0.490000	0.490000	SAME	SAME	KS	STEVENS	15	32S	39W	SE SW		PANTERA ENERGY COMPANY
1508121172	MLP SANTALA 2-26	0.500000	0.465000	SAME	SAME	KS	HASKELL	26	29S	34W	SE SW NE		EDISON OPERATING COMPANY LLC
1508121170	MLP SANTALA 3-26	0.500000	0.465000	SAME	SAME	KS	HASKELL	26	29S	34W	SW	MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508120858	MLP SANTALA A-1-26	0.500000	0.465000	SAME	SAME	KS	HASKELL	26	29S	34W	SW	KANSAS CITY	EDISON OPERATING COMPANY LLC
1508121151	MLP SCHNELBACHER TRUST 1-4	0.500000	0.465000	SAME	SAME	KS	HASKELL	4	30S	34W	SW	MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1508121187	MLP SCHNELBACHER TRUST 2-4	0.500000	0.465000	SAME	SAME	KS	HASKELL	4	30S	34W	N2SWSE	MERAMEC	CHESAPEAKE OPERATING INCORPORATED
1508121200	MLP SCHNELBACHER TRUST 3-4	0.500000	0.465000	SAME	SAME	KS	HASKELL	4	30S	34W	SW	MISSISSIPPIAN	EDISON OPERATING COMPANY LLC
1518922338	MLP SHANK A-1	0.000000	0.065000	SAME	SAME	KS	STEVENS	31	31S	38W	SW	SCOUT ENERGY MANAGEMENT LLC	
1518921445	MLP DALE A-1	0.862500	0.755000	SAME	SAME	KS	STEVENS	19	31S	38W	SW	MORROW	PANTERA ENERGY COMPANY
1508121616	MLP TILLER A-2	0.000000	0.065000	SAME	SAME	KS	STEVENS	10	29S	34W	SW	CHESTER	PANTERA ENERGY COMPANY
1506721132	MLP WINSTED A-6	0.000000	0.065000	SAME	SAME	KS	HASKELL	22	29S	34W	SE SE SE	ST. LOUIS	DARRAH OIL COMPANY LLC
1506721145	MLP GILMORE 'A' 1	0.862500	0.755000	SAME	SAME	KS	GRANT	26	30S	35W	SW NW SE	CHESTER	PANTERA ENERGY COMPANY
1518922311	MLP YOUNGREN B-1	0.000000	0.065000	SAME	SAME	KS	STEVENS	11	32S	39W	NW SW		PIONEER NATURAL RESOURCES USA, INC.
1517521449	MLP YOUNG TRUST 1-5	0.500000	0.465001	SAME	SAME	KS	SEWARD	5	31S	34W	C SE SW	BSL CHESTER	PANTERA ENERGY COMPANY
1505500583	MOODY 1 (SWD)	1.000000	N/A	SAME	SAME	KS	FINNEY	29	25S	33W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520297	MOODY 2	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	25S	33W	SESENW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520826	MOODY, EC 3-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	25S	33W	SESENE	DEEP	PANTERA ENERGY COMPANY
1505522327	MOODY, EC 4-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	25S	33W	SE SW NW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505522352	MOODY, EC 5-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	25S	33W	SE NE NW SW	PAVNEE,	PANTERA ENERGY COMPANY
1518922303	MLP SIMMONS A 1	0.612500	0.490000	SAME	SAME	KS	STEVENS	15	32S	39W	NW NW		PANTERA ENERGY COMPANY
1505522415	MOODY, EC 6-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	25S	33W	SE NW SW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1505500718	MOODY, WM 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	5	26S	34W	SENW	CHASE GROUP	PANTERA ENERGY COMPANY
3500722659	MORRIS LEON 1-12	0.978820	0.768746	SAME	SAME	OK	BEAVER	12	3N	21E	NE	CHESTER	PANTERA ENERGY COMPANY
1505521573	MOWBRAY 3	0.625000	0.546875	SAME	SAME	KS	FINNEY	8	26S	33W	SWSE	CHASE	PANTERA ENERGY COMPANY



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1505500687	MOWBRAY 1	0.625000	0.546875	SAME	SAME	KS	FINNEY	8	265	33W	NESW	CHASE GROVE	PANTERA ENERGY COMPANY
1505520357	MOWBRAY 2	0.625000	0.546875	SAME	SAME	KS	FINNEY	8	265	33W	N2	COUNCIL GROVE	PANTERA ENERGY COMPANY
1518921182	MYRICK A-1	1.000000	0.875000	SAME	SAME	KS	STEVENS	25	335	35W	MORROW	MORROW	PANTERA ENERGY COMPANY
1518922149	MYRICK A-2 (L MORROW)	1.000000	0.875000	SAME	SAME	KS	STEVENS	25	335	35W	LOWER	LOWER	PANTERA ENERGY COMPANY
1505520267	MOODY, WM 2-5	1.000000	0.803087	SAME	SAME	KS	FINNEY	5	265	34W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1517520410	NIX D-1	1.000000	0.875000	SAME	SAME	KS	SEWARD	27	335	34W	MORROW	MORROW	PANTERA ENERGY COMPANY
1517521571	NIX K-1 (CHESTER)	1.000000	0.875000	SAME	SAME	KS	SEWARD	33	335	34W	CHESTER	CHESTER	PANTERA ENERGY COMPANY
1505500729	NOLAN 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	16	265	34W	NENSW	CHASE GROVE	PANTERA ENERGY COMPANY
1505520268	NOLAN 2	1.000000	0.875000	SAME	SAME	KS	FINNEY	16	265	34W	SESNW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520824	NOLAN 4-16	1.000000	0.875000	SAME	SAME	KS	FINNEY	16	265	34W	SWSESW	DEEP	PANTERA ENERGY COMPANY
1505500692	NOLAN B-1	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	265	33W	NW	CHASE GROVE	PANTERA ENERGY COMPANY
1505520895	NOLAN B-2-13	1.000000	0.875000	SAME	SAME	KS	FINNEY	13	265	33W	NWNW	CHASE GROVE	PANTERA ENERGY COMPANY
1505520835	OHMES 2-22	1.000000	0.875000	SAME	SAME	KS	FINNEY	22	265	32W	NWNW	DEEP	PANTERA ENERGY COMPANY
3500722170	PATTERSON C-1	0.718750	0.594727	SAME	SAME	OK	BEAVER	36	5N	21E	UPPER CHESTER	UPPER CHESTER	PANTERA ENERGY COMPANY
3500724304	PATTERSON COMPANY A 1-27	1.000000	0.844044	SAME	SAME	OK	BEAVER	27	5N	21E	NE	CHESTER	PANTERA ENERGY COMPANY
3500722105	PENNER B-1	0.468750	0.397339	SAME	SAME	OK	BEAVER	35	5N	21E	UPPER CHESTER	UPPER CHESTER	PANTERA ENERGY COMPANY
1518921612	PERRY A-2	1.000000	0.812500	SAME	SAME	KS	STEVENS	4	335	38W	LOWER	LOWER	PANTERA ENERGY COMPANY
1518921555	PERRY B-1	1.000000	0.875000	SAME	SAME	KS	STEVENS	4	335	38W	LOWER	LOWER	PANTERA ENERGY COMPANY
1509300092	PIEPER 1-20	0.983398	0.806694	SAME	SAME	KS	KEARNY	20	235	35W	CHASE	CHASE	PANTERA ENERGY COMPANY
1509321538	PIEPER A-2H (INFILL)	0.983398	0.806694	SAME	SAME	KS	KEARNY	20	235	35W	CHASE	CHASE	PANTERA ENERGY COMPANY
1505520584	PINEY 3	1.000000	0.875000	SAME	SAME	KS	FINNEY	20	235	34W	NW	DEEP	PANTERA ENERGY COMPANY
1505520601	PINEY 5	1.000000	0.875000	SAME	SAME	KS	FINNEY	20	235	34W	SW	DEEP	PANTERA ENERGY COMPANY
1505520828	MOODY, WM 3-5	1.000000	0.875000	SAME	SAME	KS	FINNEY	5	265	34W	NWSE	DEEP	PANTERA ENERGY COMPANY
1505522569	MOODY, EC 7-29	1.000000	0.875000	SAME	SAME	KS	FINNEY	29	255	33W	NE NW NW SW	ST. LOUIS	PANTERA ENERGY COMPANY
1517521400	MORGAN N-1	1.000000	0.901042	SAME	SAME	KS	SEWARD	8	325	33W	SWNE	CHASE GROVE	PANTERA ENERGY COMPANY
1505500467	POTTER 1	1.000000	0.875000	SAME	SAME	KS	FINNEY	3	245	34W	NWSW	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520324	POTTER 2	1.000000	0.875000	SAME	SAME	KS	FINNEY	3	245	34W	NENE	UNKNOWN	PANTERA ENERGY COMPANY
1505520744	POTTER 3-3	1.000000	0.875000	SAME	SAME	KS	FINNEY	3	245	34W	SENE	DEEP	PANTERA ENERGY COMPANY
1505520833	POTTER 4-3	1.000000	0.863281	SAME	SAME	KS	FINNEY	21	255	32W	SWNE	SAINT LOUIS	PANTERA ENERGY COMPANY
1505520485	POTTER D-2	1.000000	0.875000	SAME	SAME	KS	FINNEY	21	255	32W	S2NWNE	CHASE	PANTERA ENERGY COMPANY
1505520615	POTTER D-3	1.000000	0.875000	SAME	SAME	KS	FINNEY	21	255	32W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520425	POTTER, UI D-1	1.000000	0.875000	SAME	SAME	KS	FINNEY	21	255	32W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
3513935247	POWELL (SWD)	1.000000	N/A	SAME	SAME	OK	TEXAS	23	4N	13E	UPPER MORROW	UPPER MORROW	PANTERA ENERGY COMPANY
3513935830	POWELL B-1	0.969557	0.9340098	0.82477681	0.82477681	OK	TEXAS	25	6N	12E	UPPER MORROW	UPPER MORROW	PANTERA ENERGY COMPANY
3513920769	POWELL C-1	1.000000	0.875000	SAME	SAME	OK	TEXAS	35	4N	13E	UPPER MORROW	UPPER MORROW	PANTERA ENERGY COMPANY
1517520860	POWELL D-2	0.500000	0.437500	SAME	SAME	KS	SEWARD	26	34S	34W	ST. LOUIS	ST. LOUIS	PANTERA ENERGY COMPANY
3513920251	PRICE C-1	1.000000	0.875000	SAME	SAME	OK	TEXAS	9	4N	14E	CHEROKEE	CHEROKEE	PANTERA ENERGY COMPANY
3513921200	PRICE D-2	0.750000	0.656250	SAME	SAME	OK	TEXAS	9	4N	14E	CHEROKEE	CHEROKEE	PANTERA ENERGY COMPANY
1517521317	MORGAN B-2 (ST LOUIS)	1.000000	0.901042	SAME	SAME	KS	SEWARD	8	325	33W	ST. LOUIS	ST. LOUIS	PANTERA ENERGY COMPANY
1517521611	PRINTZ A-3 (L MORROW)	1.000000	0.875000	SAME	SAME	KS	SEWARD	2	35S	34W	LOWER	LOWER	PANTERA ENERGY COMPANY
3513923122	QUIGLEY DAVIS A-2	0.541667	0.583333	SAME	SAME	OK	TEXAS	23	6N	10E	TOPEKA	TOPEKA	PANTERA ENERGY COMPANY
3513923344	QUIGLEY DAVIS A-3	1.000000	0.541667	TBD	TBD	OK	TEXAS	23	6N	10E	TOPEKA	TOPEKA	PANTERA ENERGY COMPANY
3500723305	RADCLIFF A-1	1.000000	0.808438	SAME	SAME	OK	BEAVER	23	6N	23E	L MORROW & U	L MORROW & U	PANTERA ENERGY COMPANY
1517521332	MORGAN B-3 (ST LOUIS)	1.000000	0.901042	SAME	SAME	KS	SEWARD	8	325	33W	ST. LOUIS	ST. LOUIS	PANTERA ENERGY COMPANY
1505500385	RAMSEY 1	0.250000	0.218750	SAME	SAME	KS	FINNEY	10	23S	34W	CHASE	SCOUT ENERGY MANAGEMENT LLC	SCOUT ENERGY MANAGEMENT LLC
1506521254	RAMSEY GAS UNIT 2H-1	1.000000	0.218750	SAME	SAME	KS	FINNEY	10	23S	34W	NESWSW	CHASE	SCOUT ENERGY MANAGEMENT LLC
1518921609	RATCLIFF B-2	1.000000	0.875000	SAME	SAME	KS	STEVENS	18	33S	37W	LOWER	LOWER	PANTERA ENERGY COMPANY
1518922148	RATCLIFF B-3 (L MORROW)	1.000000	0.875000	SAME	SAME	KS	STEVENS	18	33S	37W	LOWER	LOWER	PANTERA ENERGY COMPANY
3500722579	RAVENSCROFT 13-2	0.000000	0.015625	SAME	SAME	OK	BEAVER	13	2N	20E	SWSW	HUNTINGTON ENERGY LLC	HUNTINGTON ENERGY LLC
1506721233	RAY 1-35	0.215625	0.237500	SAME	SAME	KS	GRANT	35	29S	35W	SE SE NW	CHESTER	DUNNE EQUITIES OPERATING INCORPORATED



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

Well/Unit	Acres	Operator	Company	County	State	Lease	Unit	Lease	Company	County	State	Lease	Unit	Lease	Company	County	State
3513920778	NICHOLAS B-1	1.000000	SAME	0.875327	OK	TEXAS	24	4N	12E	MORROW	PANTERA ENERGY COMPANY						
1505520691	REEVE FEDERAL 32-2	1.000000	SAME	0.875000	KS	FINNEY	32	25S	34W	CHASE GROVE	PANTERA ENERGY COMPANY						
3500722104	PLETT B-1	1.000000	SAME	0.816895	OK	BEAVER	23	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY						
1505510017	REEVE, CL 2	1.000000	SAME	0.875000	KS	FINNEY	7	26S	34W	MORROW-MISS	PANTERA ENERGY COMPANY						
3500724931	PLETT TRUST A-1 (CHESTER)	1.000000	SAME	0.781498	OK	BEAVER	27	5N	21E	CHESTER	PANTERA ENERGY COMPANY						
1517520009	RICE A-1 (MORROW)	1.000000	SAME	0.875000	KS	SEWARD	20	33S	33W	LOWER	PANTERA ENERGY COMPANY						
1505500685	RIGGS 1	0.181053	SAME	0.158422	KS	FINNEY	6	26S	33W	PERMIAN-CIGC	CASILLAS PETROLEUM CORPORATION						
1505520786	RIGGS 1-2	0.181053	SAME	0.158422	KS	FINNEY	5	26S	33W	SENVW	CASILLAS PETROLEUM CORPORATION						
1505520396	RIGGS A-1	0.181054	SAME	0.158422	KS	FINNEY	6	26S	33W	SENVW	CASILLAS PETROLEUM CORPORATION						
35139395832	RILEY E-1	1.000000	SAME	0.875000	OK	TEXAS	36	6N	12E	MORROW C	PANTERA ENERGY COMPANY						
15175211594	ROCO BLASER 1-29	15175211594	SAME	0.370313	KS	SEWARD	29	34S	32W	MORROW	EDISON OPERATING COMPANY LLC						
35139395253	ROGER 1-18	1.000000	SAME	0.875000	OK	TEXAS	18	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY						
1517521197	ROONEY B 1-7	0.000000	SAME	0.017515	KS	SEWARD	7	31S	34W		BEREXCO LLC						
15175211217	ROONEY B 2-7	0.000000	SAME	0.017515	KS	SEWARD	7	31S	34W		BEREXCO LLC						
1517521381	ROONEY B 3-7	0.000000	SAME	0.017515	KS	SEWARD	7	31S	34W		BEREXCO LLC						
1517521471	ROONEY B 4-7	0.000000	SAME	0.017515	KS	SEWARD	7	31S	34W		BEREXCO LLC						
1509300354	ROTH 1-7	0.184711	SAME	0.164971	KS	KEARNEY	7	24S	38W	CHASE	MCCOY PETROLEUM CORPORATION						
1505521234	ROTH 1-9	0.000000	SAME	0.175000	KS	FINNEY	9	23S	34W		BEREXCO LLC						
1505521425	ROTH 2-9	1.000000	SAME	0.875000	KS	FINNEY	9	23S	34W		BEREXCO LLC						
3500724440	SAGER 2	0.000000	SAME	0.013672	OK	BEAVER	29	2N	22E	SMSWNE	PANTERA ENERGY COMPANY						
1517521360	MORGAN K-1A-CMANGLD-	1.000000	SAME	0.901042	KS	SEWARD	7	32S	33E	COUNCIL GROVE	PANTERA ENERGY COMPANY						
1517521413	SANTA FE E-1	1.000000	SAME	0.750000	KS	SEWARD	6	32S	33W	CHESTER	MONTEREY PRODUCTION COMPANY LLC						
1517521441	SANTA FE E-2	1.000000	SAME	0.750000	KS	SEWARD	6	32S	33W	CHESTER, ST	PANTERA ENERGY COMPANY						
1517521456	SANTA FE E-3	1.000000	SAME	0.750000	KS	SEWARD	6	32S	33W	CHESTER	PANTERA ENERGY COMPANY						
1517521566	SANTA FE E-4 (ST GENEVIEVE)	1.000000	SAME	0.750000	KS	SEWARD	6	32S	33W	CHESTER	PANTERA ENERGY COMPANY						
1517521465	SANTA FE E-5 (SWD)	1.000000	SAME	N/A	KS	SEWARD	6	32S	33W	PERMIAN	PANTERA ENERGY COMPANY						
1517521748	SANTA FE LAND A-4 (CHESTER)	1.000000	SAME	0.750000	KS	SEWARD	9	33S	33W	CHESTER	PANTERA ENERGY COMPANY						
3500736461	SARGENT GEORGE A-2	0.000000	SAME	0.015625	OK	BEAVER	13	2N	20E	MORROW-	HUNTINGTON ENERGY LLC						
1505500582	SCHEER 1	1.000000	SAME	0.875000	KS	FINNEY	28	25S	33W	CHASE GROVE	PANTERA ENERGY COMPANY						
1505520319	SCHEER 2	1.000000	SAME	0.875000	KS	FINNEY	28	25S	33W	COUNCIL GROVE	PANTERA ENERGY COMPANY						
1505520831	SCHEER 3-28	1.000000	SAME	0.875000	KS	FINNEY	28	25S	33W	DEEP	PANTERA ENERGY COMPANY						
3513920209	SHACKELFORD A-1	1.000000	SAME	0.875000	OK	TEXAS	22	4N	13E	CHEROKEE 2	PANTERA ENERGY COMPANY						
3513922913	SHACKELFORD A-2 (CHEROKEE)	1.000000	SAME	0.875000	OK	TEXAS	22	4N	13E	CHEROKEE	PANTERA ENERGY COMPANY						
1505500479	SHARER 1	1.000000	SAME	0.875000	KS	FINNEY	15	24S	34W	CHASE GROVE	PANTERA ENERGY COMPANY						
1505520737	SHARER 3-15	1.000000	SAME	0.875000	KS	FINNEY	15	24S	34W	DEEP	PANTERA ENERGY COMPANY						
1505520342	SHARER D-1-15	1.000000	SAME	0.875000	KS	FINNEY	15	24S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY						
3513921144	SHAWVER A-1	1.000000	SAME	0.875000	OK	TEXAS	1	3N	12E	UPPER MORROW	PANTERA ENERGY COMPANY						
3513921488	SHAWVER A-2	1.000000	SAME	0.875000	OK	TEXAS	1	3N	12E	MORROW &	PANTERA ENERGY COMPANY						
1518920427	SHELL 3-13	0.878052	SAME	0.768539	KS	STEVENS	13	33S	38W	LOWER	PANTERA ENERGY COMPANY						
3500724329	PLETT TRUST B-1 (CHESTER)	0.735797	SAME	0.628493	OK	BEAVER	26	5N	21E	CHESTER	PANTERA ENERGY COMPANY						
1517521674	PRIEFERT D-1 (U LANSING)	1.000000	SAME	0.875000	KS	SEWARD	35	33S	33W	UPPER LANSING	PANTERA ENERGY COMPANY						
3500723011	RADKE A-1	1.000000	SAME	0.875000	OK	BEAVER	31	6N	20E	LOWER CHESTER	PANTERA ENERGY COMPANY						
1505520289	SINN 2	1.000000	SAME	0.771094	KS	FINNEY	33	25S	34W	CHASE GROVE	PANTERA ENERGY COMPANY						
1505520843	SINN 3	1.000000	SAME	0.875000	KS	FINNEY	33	25S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY						
3513901110	SMITH 1-26	1.000000	SAME	0.875000	OK	TEXAS	26	4N	13E	MORROW	PANTERA ENERGY COMPANY						
3500724362	SMITH AC-1 (UPPER CHESTER)	1.000000	SAME	0.812500	OK	BEAVER	7	4N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY						
1505520839	REEVE 4-7	1.000000	SAME	0.875000	KS	FINNEY	7	26S	34W	DEEP	PANTERA ENERGY COMPANY						
3500724397	SMITH AF-1-17	0.500000	SAME	0.406250	OK	BEAVER	17	4N	21E	BASAL CHESTER	PANTERA ENERGY COMPANY						
3513922951	SMITH AF-1	1.000000	SAME	0.875000	OK	TEXAS	30	4N	13E	UPPER MORROW	PANTERA ENERGY COMPANY						



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

1505500720	REEVE GAS UNIT 1	1.000000	SAME	SAME	K5	FINNEY	7	265	34W	NESW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520266	REEVES GAS UNIT 2	1.000000	SAME	SAME	K5	FINNEY	7	265	34W	NWSE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1518922441	SMITH F-5	0.924652	SAME	SAME	K5	STEVENS	25	315	39W	SE	ST. LOUIS	PANTERA ENERGY COMPANY
3513924119	SMITH L-1	1.000000	SAME	SAME	OK	TEXAS	5	3N	14E	NW NE SW NE	LOWER	PANTERA ENERGY COMPANY
3513924122	SMITH M-1	1.000000	SAME	SAME	OK	TEXAS	18	4N	13E	S S NE SE	COUNCIL GROVE	PANTERA ENERGY COMPANY
1518922398	SMITH F-4	0.924652	SAME	SAME	K5	STEVENS	36	315	39W	NE	ST. LOUIS	PANTERA ENERGY COMPANY
3500724376	SMITH TRUST AE-1	1.000000	SAME	SAME	OK	BEAVER	8	4N	21E		BASAL CHESTER	PANTERA ENERGY COMPANY
3500722754	SMITH W-1	1.000000	SAME	SAME	OK	BEAVER	17	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1518921393	SMITH, RL 1	0.500000	SAME	SAME	OK	BEAVER	5	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3500721686	SMYRES 1	0.230000	SAME	SAME	K5	STEVENS	15	34S	39W		MORROW	EDISON OPERATING COMPANY LLC
1508121071	SOUTH EUBANK WATERFLOOD A-2	0.138641	SAME	SAME	OK	BEAVER	16	5N	21E		CHESTER	OIL FIELD PRODUCTION INC
1508121071	SOUTH EUBANK WATERFLOOD A-2 (A/K/A LEATHERS LAND A-2)	0.173004	SAME	SAME	K5	HASKELL	10	30S	34W		CHESTER/MORRO	EDISON OPERATING COMPANY LLC
1508121076	SOUTH EUBANK WATERFLOOD A-3	0.138641	SAME	SAME	K5	HASKELL	10	30S	34W	N SE SE NW		EDISON OPERATING COMPANY LLC
1508121078	SOUTH EUBANK WATERFLOOD A-4 (A/K/A MURPHY D-4)	0.138641	SAME	SAME	K5	HASKELL	10	30S	34W		CHESTER/MORRO	EDISON OPERATING COMPANY LLC
1508121078	SOUTH EUBANK WATERFLOOD D-4	0.138641	SAME	SAME	K5	HASKELL	34	29S	34W	SW NW NW		EDISON OPERATING COMPANY LLC
3500724400	SMITH TRUST AE-3	1.000000	SAME	SAME	K5	HASKELL	34	29S	34W		CHESTER/MORRO	EDISON OPERATING COMPANY LLC
1505500546	SPENCE 1	1.000000	SAME	SAME	OK	BEAVER	8	4N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
1505520837	SPENCE 2-28	1.000000	SAME	SAME	K5	FINNEY	28	25S	32W	NENESW	CHASE GROUP	PANTERA ENERGY COMPANY
1517500118	SALLEY A-1	1.000000	SAME	SAME	K5	FINNEY	28	25S	32W	SWNENE	COUNCIL GROVE	PANTERA ENERGY COMPANY
15189212071	SPIKES A-6 (SWD)	0.975817	SAME	SAME	K5	SEWARD	35	33S	33W		DEEP	PANTERA ENERGY COMPANY
1518921805	SPIKES G-1	0.853840	SAME	SAME	K5	STEVENS	21	31S	38W	SE	CHESTER	PANTERA ENERGY COMPANY
3513935836	SHRAUNER B-2	1.000000	SAME	SAME	OK	TEXAS	24	16N	10E		LANSING	PANTERA ENERGY COMPANY
1505500539	STALEY 1	1.000000	SAME	SAME	K5	FINNEY	21	25S	32W		WABAUNSEE	PANTERA ENERGY COMPANY
1505520387	STALEY 2 (SWD)	N/A	SAME	SAME	K5	FINNEY	21	25S	32W		CHASE GROUP	PANTERA ENERGY COMPANY
1508120916	STANTON A-2	1.000000	SAME	SAME	K5	HASKELL	14	29S	34W		LANSING	PANTERA ENERGY COMPANY
3513920395	STEPHENS 10-1	1.000000	SAME	SAME	OK	TEXAS	10	3N	13E	SW	COUNCIL GROVE-	PANTERA ENERGY COMPANY
3500722038	STICKLER 1-12	0.250000	SAME	SAME	OK	BEAVER	12	5N	21E		CHESTER	WILDWOOD OPERATING LLC
3500721954	STICKLER A-1	0.747500	SAME	SAME	OK	BEAVER	13	5N	21E		CHESTER	PANTERA ENERGY COMPANY
3513920950	STOKES A-1	1.000000	SAME	SAME	OK	TEXAS	10	5N	12E		MORROW F	PANTERA ENERGY COMPANY
3513922686	SHRAUNER B-4 (TOPEKA)	1.000000	SAME	SAME	OK	TEXAS	24	6N	10E		TOPEKA	PANTERA ENERGY COMPANY
3513935833	SIMMONS C-1	1.000000	SAME	SAME	OK	TEXAS	35	6N	12E	SWNE	MORROW UPPER	PANTERA ENERGY COMPANY
3513922907	SMITH AD-3-27 (PRICE)	1.000000	SAME	SAME	OK	TEXAS	27	4N	13E		CHEROKEE	PANTERA ENERGY COMPANY
1518922380	SMITH F-3 (ST LOUIS)	0.924652	SAME	SAME	K5	STEVENS	36	31S	39W		ST. LOUIS	PANTERA ENERGY COMPANY
1518922426	SWALAR A-1	1.000000	SAME	SAME	K5	STEVENS	7	31S	38W	NW	LOWER	PANTERA ENERGY COMPANY
1518922430	SWALAR B-1	1.000000	SAME	SAME	K5	STEVENS	18	31S	38W	NW	MORROW	PANTERA ENERGY COMPANY
1517530095	SWAN A-1	1.000000	SAME	SAME	K5	SEWARD	21	33S	33W		UPPER MORROW	PANTERA ENERGY COMPANY
3500725620	THOMAS 1HX-35	0.001563	SAME	SAME	OK	BEAVER	23	1N	20E		MARMATON	RESOURCE OIL AND GAS LLC
1517521583	TOBIAS A-1 (L MORROW)	1.000000	SAME	SAME	K5	SEWARD	10	35S	33W		LOWER	PANTERA ENERGY COMPANY
1505500658	TORELIN 1	1.000000	SAME	SAME	K5	FINNEY	15	26S	32W	SENW	CHASE GROUP	PANTERA ENERGY COMPANY
1505520899	TORELIN 2X-15	1.000000	SAME	SAME	K5	FINNEY	15	26S	32W	NENE	DEEP	PANTERA ENERGY COMPANY
350073540	TREGILLAS 8-1	1.000000	SAME	SAME	OK	BEAVER	8	1N	21E		MORROW	PANTERA ENERGY COMPANY
3500721965	TRETBAR A-1	1.000000	SAME	SAME	OK	BEAVER	11	5N	21E		UPPER CHESTER	PANTERA ENERGY COMPANY
3513935262	TUCKER A-2	1.000000	SAME	SAME	OK	TEXAS	8	5N	12E		MORROW G 2	PANTERA ENERGY COMPANY
1517520676	TUCKER K-1	1.000000	SAME	SAME	K5	SEWARD	1	35S	34W	W NW SE	MORROW	PANTERA ENERGY COMPANY
1517520729	TUCKER K-2 (L MORROW)	1.000000	SAME	SAME	K5	SEWARD	1	35S	34W		LOWER	PANTERA ENERGY COMPANY
1517521772	TUCKER M-1 (B CHESTER)	0.694845	SAME	SAME	K5	SEWARD	6	35S	33W		BASAL CHESTER	PANTERA ENERGY COMPANY
1505500397	TURRENTINE 1	1.000000	SAME	SAME	K5	FINNEY	21	23S	34W		CHASE GROUP	PANTERA ENERGY COMPANY
1505520382	TURRENTINE 3	1.000000	SAME	SAME	K5	FINNEY	21	23S	34W	SW	COUNCIL GROVE	PANTERA ENERGY COMPANY



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1505520742	TURRENTINE 4-21	1.000000	SAME	SAME	OK	KS	FINNEY	21	23S	34W	DEEP	PANTERA ENERGY COMPANY
1513921596	ULLOM A-3	1.000000	SAME	SAME	OK	TEXAS	TEXAS	1	5N	13E	MORROW C	PANTERA ENERGY COMPANY
1517520400	UNDERWOOD A-1	0.500000	SAME	0.437500	KS	SEWARD	SEWARD	23	34S	34W	SW SW	PANTERA ENERGY COMPANY
1517520421	UNDERWOOD A-2	0.500000	SAME	0.437500	KS	SEWARD	SEWARD	23	34S	34W	NE SW	PANTERA ENERGY COMPANY
1517521346	UNDERWOOD A-3	0.500000	SAME	0.437500	KS	SEWARD	SEWARD	23	34S	34W	SE SE	PANTERA ENERGY COMPANY
1517521579	UNDERWOOD A-4	0.500000	SAME	0.377686	KS	SEWARD	SEWARD	23	34S	34W	E SW NE	PANTERA ENERGY COMPANY
1517521630	UNDERWOOD A-5	0.500000	SAME	0.377686	KS	SEWARD	SEWARD	23	34S	34W	C NW	PANTERA ENERGY COMPANY
1509300400	UNREIN 1	1.000000	SAME	0.875000	KS	KEARNY	KEARNY	13	24S	35W	SWSWNE	PANTERA ENERGY COMPANY
1509320498	UNREIN 2	1.000000	SAME	0.875000	KS	KEARNY	KEARNY	13	24S	35W	CHASE GROUPE	PANTERA ENERGY COMPANY
1509321482	UNREIN 3-X	1.000000	SAME	0.875000	KS	KEARNY	KEARNY	13	24S	35W	CHASE	PANTERA ENERGY COMPANY
1513922872	VAIL-GLATTHAAR A-1 (CHEROKEE)	1.000000	SAME	0.874999	OK	TEXAS	TEXAS	21	4N	13E	CHEROKEE	PANTERA ENERGY COMPANY
3513922873	VAIL-GLATTHAAR B-1 (CHEROKEE)	1.000000	SAME	0.812500	OK	TEXAS	TEXAS	22	4N	13E	CHEROKEE	PANTERA ENERGY COMPANY
3500721012	VAN DEBURGH A-1	1.000000	SAME	0.826875	OK	BEAVER	BEAVER	3	3N	22E	L MORROW & U	PANTERA ENERGY COMPANY
3500723244	VANDEBURGH C-1	1.000000	SAME	0.826875	OK	BEAVER	BEAVER	3	3N	22E	LOWER	PANTERA ENERGY COMPANY
1518922447	WALKER E-1 (SWD)	1.000000	N/A		KS	STEVENS	STEVENS	12	32S	36W	SW	PANTERA ENERGY COMPANY
1517520528	SPEAKMAN A-1	1.000000	SAME	0.875000	KS	SEWARD	SEWARD	2	33S	34W	ST. LOUIS	PANTERA ENERGY COMPANY
1505522325	SPENCE 4-28	1.000000	SAME	0.875000	KS	FINNEY	FINNEY	28	25S	32W	NW NE SSE SE	PANTERA ENERGY COMPANY
3513922288	WELSH B-2	1.000000	SAME	0.812500	OK	TEXAS	TEXAS	21	6N	10E	WAB,TPKA,GR-	PANTERA ENERGY COMPANY
1505500474	STONE 1	1.000000	SAME	0.875000	KS	FINNEY	FINNEY	10	24S	34W	CHASE GROUPE	PANTERA ENERGY COMPANY
1505520361	STONE 2	1.000000	SAME	0.875000	KS	FINNEY	FINNEY	10	24S	34W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1505520746	STONE 3-10	1.000000	SAME	0.875000	KS	FINNEY	FINNEY	10	24S	34W	DEEP	PANTERA ENERGY COMPANY
1518921302	SULLIVAN B-1	0.833333	SAME	0.729167	KS	STEVENS	STEVENS	35	34S	39W	MORROW 'G'	PANTERA ENERGY COMPANY
3500722085	WHISENANT 1-21	0.250000	SAME	0.203125	OK	BEAVER	BEAVER	21	5N	21E	CHESTER	MONTEREY PRODUCTION COMPANY LLC
3500722029	WHISENANT A-1	0.735797	SAME	0.628493	OK	BEAVER	BEAVER	26	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY
3513922684	WHISENAND 1-17 (TOPEKA)	0.436822	SAME	0.436822	OK	TEXAS	TEXAS	17	6N	11E	TOPEKA	PANTERA ENERGY COMPANY
1509320465	WHITE 2	0.500000	SAME	0.437500	KS	KEARNY	KEARNY	1	24S	36W	COUNCIL GROVE	PANTERA ENERGY COMPANY
1509321493	WHITE 3	0.500000	SAME	0.437500	KS	KEARNY	KEARNY	1	24S	36W	SE	PANTERA ENERGY COMPANY
1509300425	WHITE, O 1	0.500000	SAME	0.437500	KS	KEARNY	KEARNY	1	24S	36W	NE	PANTERA ENERGY COMPANY
3500723095	WIENS D-1	0.427516	SAME	0.351785	OK	BEAVER	BEAVER	9	5N	21E	UPPER CHESTER	PANTERA ENERGY COMPANY
3500724333	WILLIAMS D-1	0.925000	SAME	0.812500	OK	BEAVER	BEAVER	4	3N	22E	MORROW	PANTERA ENERGY COMPANY
3513921236	WILSON 1, A-5	1.000000	SAME	0.875000	OK	TEXAS	TEXAS	23	4N	13E		PANTERA ENERGY COMPANY
3513900161	WILSON 1-23 (MARMATON)	1.000000	SAME	0.875000	OK	TEXAS	TEXAS	23	4N	14E	MARMATON	PANTERA ENERGY COMPANY
3500721736	WINDSOR A-1	0.750000	SAME	0.656250	OK	BEAVER	BEAVER	34	6N	20E	UPPER CHESTER	PANTERA ENERGY COMPANY
3500723979	WINDSOR B-1 (L CHESTER)	1.000000	SAME	0.812500	OK	BEAVER	BEAVER	10	5N	20E	LOWER CHESTER	PANTERA ENERGY COMPANY
3500724457	WINDSOR B-2	1.000000	SAME	0.812500	OK	BEAVER	BEAVER	10	5N	20E	UPPER CHESTER	PANTERA ENERGY COMPANY
1518900146	WING 1	0.000000	SAME	0.007813	KS	STEVENS	STEVENS	33	32S	36W	SW NE	SCOUT ENERGY MANAGEMENT LLC
1518920901	WING 1-33	0.000000	SAME	0.007813	KS	STEVENS	STEVENS	33	32S	36W	SWNW	EDISON OPERATING COMPANY LLC
1518922518	WING 2-33	0.000000	SAME	0.007813	KS	STEVENS	STEVENS	33	32S	36W	SWSW	EDISON OPERATING COMPANY LLC
3513935272	WOODWARD 3-4	1.000000	SAME	0.879296	OK	TEXAS	TEXAS	4	5N	12E	MORROW F	PANTERA ENERGY COMPANY
1517521690	WYATT A-1 (U CHESTER)	1.000000	SAME	0.875000	KS	SEWARD	SEWARD	25	33S	33W	UPPER CHESTER	PANTERA ENERGY COMPANY
1518922749	WETTSTEIN 1-3	0.000000	SAME	0.030000	KS	STEVENS	STEVENS	3	35S	35W	CHESTER	STONE OAK OPERATING LLC
1517521520	WETTSTEIN A-3 (ST GENEVIEVE)	1.000000	SAME	0.875000	KS	SEWARD	SEWARD	10	34S	34W	ST. GENEVIEVE	PANTERA ENERGY COMPANY
1517521565	WETTSTEIN A-4	1.000000	SAME	0.875000	KS	SEWARD	SEWARD	10	34S	34W	ST. GENEVIEVE	PANTERA ENERGY COMPANY
3500721330	WILLIAMS 1L-9	0.925000	SAME	0.764859	OK	BEAVER	BEAVER	9	3N	22E	multiple	PANTERA ENERGY COMPANY
3500723187	WILLIAMS 1-2 (CHESTER)	0.925000	SAME	0.764859	OK	BEAVER	BEAVER	9	3N	22E	CHESTER	PANTERA ENERGY COMPANY
3500724339	WILLIAMS 1-5	0.925000	SAME	0.764859	OK	BEAVER	BEAVER	9	3N	22E	HART	PANTERA ENERGY COMPANY
1508120224	YUNCKER 4-14 (KANSAS CITY)	1.000000	SAME	0.875000	KS	HASKELL	HASKELL	14	29S	34W	KANSAS CITY	PANTERA ENERGY COMPANY
1508120235	YUNCKER 6-14	1.000000	SAME	0.875000	KS	HASKELL	HASKELL	14	29S	34W	MORROW	PANTERA ENERGY COMPANY
1508122265	KMU 14-8R WSW	1.000000	SAME	0.000000	KS	HASKELL	HASKELL	14	29S	34W	NWSESENE	PANTERA ENERGY COMPANY
1508120207	KMU 14-9 (YUNCKER OWWO 3-14)	1.000000	SAME	0.875000	KS	HASKELL	HASKELL	14	29S	34W	SWNE	PANTERA ENERGY COMPANY