



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

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

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

Check Applicable Boxes:

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

Field Name: _____

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

Effective Date of Transfer: _____

KS Dept of Revenue Lease No.: _____

Lease Name: _____

_____ Sec. _____ Twp. _____ R. E W

Legal Description of Lease: _____

County: _____

Production Zone(s): _____

Injection Zone(s): _____

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

_____ feet from N / S Line of Section

_____ feet from E / W Line of Section

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

Past Operator's License No. _____

Contact Person: _____

Past Operator's Name & Address: _____

Phone: _____

Title: _____

Signature: _____

New Operator's License No. _____

Contact Person: _____

New Operator's Name & Address: _____

Phone: _____

Title: _____

Signature: _____

Oil / Gas Purchaser: _____

Date: _____

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 _____



Must Be Filed For All Wells

KDOR Lease No.: _____

* Lease Name: _____ * Location: _____

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

A separate sheet may be attached if necessary

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



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CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

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

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

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ S. R. ____ East West
County: _____
Lease Name: _____ Well #: _____

If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____

When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.

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

Select one of the following:

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

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

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

Date: _____ Signature of Operator or Agent: _____ Title: _____

Surface Owner List
Attachment to Form KSONA-1

Adamson 4-11

Sec. 11, T34S, R34W
NW SE NW NW

Walter Garman	P.O. Box 152	Payette	ID	83661
Walter Garman	8523 Washoe Rd.	Payette	ID	83661
Deborah Garman	P.O. Box 152	Payette	ID	83661
Nanett Needs	1850 NW 1 st Ave.	Fruitland	ID	83619

ASSIGNMENT OF OIL, GAS AND OTHER MINERALS LEASES,
DEED AND BILL OF SALE

This Assignment of Oil, Gas and Other Minerals Leases, Deed and Bill of Sale (this "Assignment") dated effective as of July 1, 2017 at 7:00 a.m. local time where the assigned properties are located (the "Effective Time"), is from Lime Rock Resources II-A, L.P., a Delaware limited partnership, whose address is 1111 Bagby Street, 46th Floor, Houston, Texas 77002 and Lime Rock Resources II-C, L.P., a Delaware limited partnership, whose address is 1111 Bagby Street, 46th Floor, Houston, Texas 77002 (collectively, "Assignor") to Edison Operating Company, LLC, a Kansas limited liability company, whose address is 8100 East 22nd Street North, Building 1900, Wichita, Kansas 67226 ("Assignee"). Assignor and Assignee are sometimes collectively referred to as the "Parties" and each referred to individually as a "Party."

Subject to the terms of this Assignment, for one hundred dollars (\$100.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor hereby sells, assigns, transfers, grants, bargains and conveys to Assignee all of Assignor's rights, titles and interests in and to the following (the "Assigned Interests"):

A. All of the oil and gas leases, oil, gas and mineral leases, subleases and other leaseholds, carried interests, mineral fee interests, overriding royalty interests, net profits overriding royalty interests, reversionary rights, farmout rights, options, and other properties and interests described on Exhibit A, subject to such depth limitations and other restrictions and limitations as may be set forth on Exhibit A or in the instruments that constitute (or are assignments or conveyances in the chain of title to) the foregoing properties and interests (collectively, the "Leases"), together with, subject to such limitations and restrictions, each and every kind and character of right, title, claim, and interest that Assignor has in and to the Leases, the lands covered by the Leases or the lands pooled, unitized, communitized or consolidated therewith (such lands covered by the Leases or pooled, unitized, communitized or consolidated therewith being hereinafter referred to as the "Lands");

B. All oil, gas, water, CO₂ or injection wells located on or within the geographical boundaries of the Lands, whether producing, shut-in, plugged or abandoned, and including the wells shown on Exhibit A-1 attached hereto (whether or not located on the Lands) (the "Wells");

C. Any pools or units which include any portion of the Lands or all or a part of any Leases or any Wells, including those pools or units referred to on Exhibit A-1 (the "Units", such Units together with the Leases, Lands and Wells, or in cases when there is no Unit, the Leases together with the Lands and Wells, being hereinafter referred to collectively as the "Properties" and individually as a "Property"), and including all interest of Assignor in Hydrocarbon production from any such Unit, whether such Unit Hydrocarbon production comes from Wells located on or off of a Lease, and all tenements, hereditaments and appurtenances belonging to the Leases and 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 in each case only to the extent applicable to the Properties and not other properties of Assignor not included in the Assigned Interests), including those agreements and instruments identified on Schedule 1.2(d) to the PSA, described below (hereinafter collectively referred to as the "Contracts"), provided that "Contracts" shall exclude (i) any master service agreements, (ii) any contracts, agreements and instruments to the extent transfer is (A) restricted by their respective terms or third-party agreement, or (B) subject to payment of a fee or other consideration under any license agreement or other agreement, and for which no consent to transfer has been received or for which Assignee has not agreed in writing to pay the fee or other consideration, as applicable and (iii) the instruments constituting the Leases, Surface Contracts and the assignments or conveyances in Assignor's chain of title to the Leases;

E. All easements, permits, licenses, servitudes, rights-of-way, surface leases and other surface rights appurtenant to, and used or held for use primarily in connection with, the Properties, including those identified on Schedule 1.2(e) to the PSA (hereinafter collectively referred to as the "Surface Contracts"), provided that "Surface Contracts" shall exclude any permits and other appurtenances to the extent transfer is (i) restricted by their respective terms or third-party agreement, or (ii) subject to payment of a fee or other consideration under any license agreement or other agreement, and for which no consent to transfer has been received or for which Purchaser has not agreed in writing to pay the fee or other consideration, as applicable;

F. All equipment, machinery, fixtures and other tangible personal property and improvements located on the Properties and used or held for use primarily in connection with the operation of the Properties, including any wells, tanks, boilers, buildings, fixtures, injection facilities, saltwater disposal facilities, compression facilities, pumping units and engines, flow lines, pipelines, gathering systems, gas and oil treating facilities, machinery, power lines, telephone and telegraph lines, roads, and other appurtenances, improvements and facilities, but excluding the items expressly identified on Exhibit A-2 (subject to such exclusions, the "Equipment");

G. All Hydrocarbons as defined in the PSA produced from or attributable to the Properties from and after the Effective Time;

H. All Imbalances shown on Schedule 1.2(h) to the PSA;

I. Copies of all of the following items, subject to Section 1.5 of the PSA, all lease files, land files, well files, gas and oil sales contract files, gas processing files, division order files, abstracts, title opinions, land surveys, non-confidential logs, maps, engineering data and reports, and files and all other books, records, data, files, maps and accounting records to the extent related to the Assigned Interests, or used or held for use primarily in connection with the maintenance or operation thereof, but excluding (i) any books, records, data, files, maps and accounting records to the extent disclosure or transfer is restricted by third-party agreement or applicable Law and the necessary consents to transfer are not obtained pursuant to Section 3.5 of the PSA, or subjected to payment of a fee or other consideration by any license agreement or other agreement, or by applicable Law, and for which no consent to transfer has been received or for which Purchaser has not agreed in writing to pay the fee or other consideration, as applicable;

(ii) computer software; (iii) all legal records and legal files of Assignor, work product of Assignor's legal counsel and records protected by attorney-client privilege, but excluding in each case Leases, Contracts, Surface Contracts and title opinions; (iv) records relating to the offer, negotiation or consummation of the sale of the Assets or any interest in the Properties; and (v) Assignor's reserve studies, estimates and evaluations, and engineering studies and economic studies (such copies, collectively, and subject to such exclusions, the "Records"); and

J. The surface estate in the land described in Deed dated May 29, 1991 from Michael M. Ross, Inc. to Cabot Oil & Gas Corporation recorded in Volume 424, page 893 et seq. of the Deed Records of Seward County, Kansas covering the NE/4 of the SE/4, the S/2 of the SE/4 and the SE/4 of the NE/4 of Section 25-T32S-R34W in Seward County, Kansas and in Deed dated July 23, 1991 from Michael M. Ross, Inc. to Cabot Oil & Gas Corporation recorded in Volume 424, page 1015 et seq. of the Deed Records of Seward County, Kansas covering the NE/4 of the SE/4, the S/2 of the SE/4 and the SE/4 of the NE/4 of Section 25-T32S-R34W in Seward County, Kansas.

Notwithstanding the foregoing, Assignor expressly reserves and excludes from this Assignment, the Excluded Assets as described in Purchase and Sale Agreement dated October 4, 2017, by and between Assignor and Assignee (the "PSA"). The capitalized terms used in this Assignment shall have the same meaning as such capitalized terms do in the PSA.

TO HAVE AND TO HOLD, the Assigned Interests unto Assignee and its successors and assigns, forever.

This Assignment is made and accepted expressly subject to the following additional terms and conditions:

A. Special Title Warranty. Subject to the Permitted Encumbrances, Assignor warrants Defensible Title to the Assigned Interests unto Assignee from any and all claims of persons or entities lawfully claiming or to claim the same or any part thereof, by, through or under Assignor, but not otherwise; provided that, any recovery on such special warranty of title shall be limited to the Allocated Value of the Assigned Interests to which Defensible Title failed.

B. Disclaimer. **THE PARTIES AGREE THAT, TO THE EXTENT REQUIRED BY APPLICABLE LAW TO BE OPERATIVE, THE DISCLAIMERS OF WARRANTIES CONTAINED IN THIS PARAGRAPH ARE "CONSPICUOUS" DISCLAIMERS FOR THE PURPOSES OF ANY APPLICABLE LAW, RULE OR ORDER. EXCEPT FOR THE LIMITED TITLE WARRANTY SET FORTH ABOVE AND THOSE COVENANTS AND AGREEMENTS OF ASSIGNOR IN THE PSA THAT SURVIVE THE CLOSING, ASSIGNOR EXPRESSLY DISCLAIMS ANY AND ALL REPRESENTATIONS AND WARRANTIES. WITHOUT LIMITATION OF THE FOREGOING, THE ASSIGNED INTERESTS SHALL BE CONVEYED PURSUANT HERETO WITHOUT (A) ANY WARRANTY OR REPRESENTATION, WHETHER EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, RELATING TO (I) THE CONDITION, QUANTITY, QUALITY, FITNESS FOR A PARTICULAR PURPOSE, CONFORMITY TO THE MODELS OR SAMPLES OF MATERIALS OR MERCHANTABILITY OF ANY EQUIPMENT OR OTHER PERSONAL PROPERTY**

OR ITS FITNESS FOR ANY PURPOSE, (II) THE ACCURACY OR COMPLETENESS OF ANY DATA, REPORTS, RECORDS, PROJECTIONS, INFORMATION OR MATERIALS NOW, HERETOFORE OR HEREAFTER FURNISHED OR MADE AVAILABLE TO ASSIGNEE IN CONNECTION WITH THIS ASSIGNMENT, (III) PRICING ASSUMPTIONS, OR QUALITY OR QUANTITY OF HYDROCARBON RESERVES (IF ANY) ATTRIBUTABLE TO THE ASSIGNED INTERESTS OR THE ABILITY OR POTENTIAL OF THE ASSIGNED INTERESTS TO PRODUCE HYDROCARBONS, (IV) THE ENVIRONMENTAL CONDITION OF THE ASSIGNED INTERESTS, BOTH SURFACE AND SUBSURFACE, (V) ANY IMPLIED OR EXPRESS WARRANTY OF NON-INFRINGEMENT, OR (VI) ANY OTHER MATTERS CONTAINED IN ANY MATERIALS FURNISHED OR MADE AVAILABLE TO ASSIGNEE BY ASSIGNOR OR BY ASSIGNOR'S AGENTS OR REPRESENTATIVES, OR (B) ANY OTHER EXPRESS, IMPLIED, STATUTORY OR OTHER WARRANTY OR REPRESENTATION WHATSOEVER. ASSIGNEE SHALL HAVE INSPECTED, OR WAIVED (AND UPON CLOSING SHALL BE DEEMED TO HAVE WAIVED) ITS RIGHT TO INSPECT, THE ASSIGNED INTERESTS FOR ALL PURPOSES AND SATISFIED ITSELF AS TO THEIR PHYSICAL AND ENVIRONMENTAL CONDITION, BOTH SURFACE AND SUBSURFACE, INCLUDING BUT NOT LIMITED TO CONDITIONS SPECIFICALLY RELATED TO THE PRESENCE, RELEASE OR DISPOSAL OF HAZARDOUS SUBSTANCES, SOLID WASTES, ASBESTOS AND OTHER MAN-MADE FIBERS. ASSIGNEE IS RELYING SOLELY UPON THE TERMS OF THIS ASSIGNMENT AND ITS OWN INSPECTION OF THE ASSIGNED INTERESTS, AND ASSIGNEE SHALL ACCEPT ALL OF THE SAME IN THEIR "AS IS, WHERE IS" CONDITION.

C. Damages NEITHER ASSIGNEE NOR ASSIGNOR SHALL BE ENTITLED TO RECOVER FROM THE OTHER, RESPECTIVELY, AND EACH PARTY RELEASES THE OTHER PARTY FROM, ANY LOSSES, COSTS, EXPENSES, OR DAMAGES ARISING UNDER THIS ASSIGNMENT IN EXCESS OF THE ACTUAL DIRECT DAMAGES SUFFERED BY SUCH PARTY. ASSIGNEE AND ASSIGNOR BOTH WAIVE, AND RELEASE THE OTHER FROM ANY RIGHT TO RECOVER CONSEQUENTIAL, PUNITIVE, SPECIAL OR EXEMPLARY DAMAGES ARISING IN CONNECTION WITH THIS ASSIGNMENT.

D. PSA. This Assignment is subject to the terms and provisions of the PSA that survive the Closing.

E. Governmental Assignment Forms. The Parties shall execute and deliver such other assignments and assumptions, bills of sale, or deeds necessary to transfer the Assigned Interests to Assignee, including any conveyances on official forms and related documentation necessary to transfer the Assigned Interests to Assignee in accordance with requirements of state and federal governmental regulations. Those assignments shall be deemed to contain all of the terms hereof. The interests conveyed by such separate assignments are the same, and not in addition to, the interests conveyed herein.

F. Leases. This Assignment is subject to the terms and conditions of the Leases and Assignor hereby grants and transfers to the Assignee to the extent transferable the benefit of and

the right to enforce the covenants and warranties, if any, which Assignor is entitled to enforce with respect to the Assigned Interests against Assignor's predecessors in title to the Assigned Interests.

G. Successors and Assigns. The terms, covenants and conditions contained in this Assignment are binding upon and inure to the benefit of Assignor and Assignee and their respective successors and assigns, and such terms, covenants and conditions are covenants running with the land and with each subsequent transfer or assignment of the Assigned Interests or any part thereof.

H. Counterparts. This Assignment may be executed in any number of counterparts, each of which shall be deemed to be an original instrument, but all of which together shall constitute but one instrument.

I. Governing Law. The validity and construction of the portions of this Assignment that pertain to the conveyance of real property interests, as applicable, shall be governed by and construed in accordance with the laws of the State in which the property is located.

J. Amendments. No amendments or other changes to this Assignment shall be effective or binding on either of the parties unless the same shall be in writing and signed by both Assignor and Assignee.

[INTENTIONALLY BLANK—SIGNATURE PAGES FOLLOW]

EXECUTED this 12th day of October 2017 (the "Execution Date"), to be effective for all purposes as of the Effective Time.

ASSIGNOR:

LIME ROCK RESOURCES II-A, L.P.

By: Lime Rock Resources II-A GP, LLC,
Its: General Partner

By: Lime Rock Resources GP II, L.P.
Its: Sole Member

By: LRR GP II, LLC
Its: General Partner

By: 
Name: Charles Adcock
Title: Co-Chief Executive Officer

LIME ROCK RESOURCES II-C, L.P.

By: Lime Rock Resources II-C GP, LLC,
Its: General Partner

By: Lime Rock Resources GP II, L.P.
Its: Sole Member

By: LRR GP II, LLC
Its: General Partner

By: 
Name: Charles Adcock
Title: Co-Chief Executive Officer

ASSIGNEE:

EDISON OPERATING COMPANY, LLC

By: 

Name: David G. Withrow

Title: Managing Partner

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

This instrument was acknowledged before me on this day 12th, of October, 2017
by Charles Adcock, the Co-Chief Executive Officer of LRR GP II, LLC, a Delaware limited liability company, the general partner of Lime Rock Resources GP II, L.P., a Delaware limited partnership, the sole member of Lime Rock Resources II-A GP, LLC, a Delaware limited liability company, the general partner of Lime Rock Resources II-A, L.P. (the "Limited Partnership"), a Delaware limited partnership, on behalf of the Limited Partnership.

Witness my hand and Official Seal.



Meredith Lynch
Notary Public in and for the State of Texas

My Commission Expires: 8/2/2020

THE STATE OF TEXAS §
 §
COUNTY OF HARRIS §

This instrument was acknowledged before me on this day 10th, of October, 2017
by Charles Adcock, the Co-Chief Executive Officer of LRR GP II, LLC, a Delaware limited liability company, the general partner of Lime Rock Resources GP II, L.P., a Delaware limited partnership, the sole member of Lime Rock Resources II-C GP, LLC, a Delaware limited liability company, the general partner of Lime Rock Resources II-C, L.P. (the "Limited Partnership"), a Delaware limited partnership, on behalf of the Limited Partnership.

Witness my hand and Official Seal.



Meredith Lynch
Notary Public in and for the State of Texas

My Commission Expires: 8/2/2020

THE STATE OF KANSAS §
 §
COUNTY OF SEDGWICK §

This instrument was acknowledged before me on this day 12, of October, 2017
by David G. Withrow, the managing partner of Edison Operating
Company, LLC, a Kansas limited liability company, on behalf of said entity.

Witness my hand and Official Seal.

Derek W. Patterson
Notary Public in and for the State of Kansas

My Commission Expires: 10.6.2020

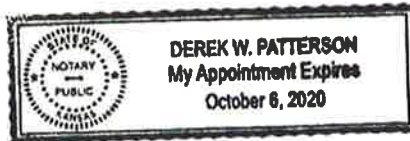


EXHIBIT A
LEASES

Lease Code	Lessor Name	Lessee Name	Lease Date	State Code	County	Volume	Page	TWN	RNG	SEC	Description
171500667-00	SANTA FE ENERGY RESOURCES, INC	CABOT OIL & GAS CORPORATION	07/29/1992	KS	SEWARD	434	996	32S	33W	7	SE
171500679-00	LONGCOR, CHARLES B., ET UX	CARL E GUNGOLL	01/11/1944	KS	SEWARD	1	493	32S	33W	18	N2 NE4
171500069-00	JOHNSON, LOUIS E., ET UX	FRED C KOCH	04/04/1944	KS	SEWARD	1	608	32S	33W	17	E2 NW4; W2 NW4; SW4; SE4; NE4;
171500041-00	BERG, HENRY	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	293	32S	33W	20	E2
171500040-00	BERG, HENRY	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	315	32S	33W	29	E2
171500074-00	KOCH, FRED C., ET UX	WOOD RIVER OIL & REFINING CO	01/30/1947	KS	SEWARD	75	242	32S	33W	20	N2 SW4, NW4
171500109-00	NADEN, MARY ALICE, ET VIR	JOE E DENHAM	08/08/1944	KS	SEWARD	69	72	32S	33W	20	S2 SW4
171500121-00	NADEN, MARY ALICE, ET VIR	JOE E DENHAM	08/08/1944	KS	SEWARD	69	71	32S	33W	29	NW4
171500117-00	MAHONEY, A. V., ET UX	CITIES SERVICE OIL COMPANY	03/24/1947	KS	SEWARD	74	487	32S	33W	29	SW4
171500043-00	ELLIOT, S. D., ET UX	JOE E DENHAM	08/04/1944	KS	SEWARD	69	92	32S	33W	21	NE4
171500036-00	BERG, HENRY	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	312	32S	33W	21	W2
171500042-00	BERG, HENRY	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	313	32S	33W	28	NW4
171500038-00	LEMERT, BETTIE ET VIR	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	298	32S	33W	22	NW4
171500037-00	LEMERT, BERNARD H., ET UX	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	294	32S	33W	22	SW4
171500037-00	LEMERT, BERNARD H., ET UX	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	294	32S	33W	21	SE4
171500038-00	LEMERT, BETTIE ET VIR	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	298	32S	33W	28	NE4
171500035-00	LEMERT, BERNARD H., ET UX	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	295	32S	33W	27	W2
171500039-00	LEMERT, BETTIE, ET VIR	SINCLAIR PRAIRIE OIL COMPANY	03/08/1939	KS	SEWARD	56	297	32S	33W	28	S2
171500110-00	LUFT, JOHN	JOE E DENHAM	08/23/1944	KS	SEWARD	69	112	32S	33W	30	NE4; SW4

**EXHIBIT A
LEASES**

Lease Code	Lessor Name	Lessee Name	Lease Date	State Code	County	Volume	Page	TWN	RNG	SEC	Description
171500117-00	MAHONEY, A. V., ET UX	CITIES SERVICE OIL COMPANY	03/24/1947	KS	SEWARD	74	487	32S	33W	30	SE4
171500125-00	WORTHAM, TOM, GUARDIAN, ET AL	SUNFLOWER NATURAL GAS CO INC.	04/28/1949	KS	SEWARD	85	304	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-A	BLAKEMORE, EDNA GEORGE, ET VIR	SUNFLOWER NATURAL GAS CO INC.	05/10/1949	KS	SEWARD	85	305	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-B	DFERFIELD, BEVERLY, ET AL	SUNFLOWER NATURAL GAS CO INC.	05/09/1949	KS	SEWARD	85	306	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-C	MUNRO, ROSE GEORGE, ET VIR	SUNFLOWER NATURAL GAS CO INC.	05/14/1949	KS	SEWARD	85	307	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-D	WEST PENN ROYALTIES COMPANY	SUNFLOWER NATURAL GAS CO INC.	09/21/1949	KS	SEWARD	85	352	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-E	FRIEDMAN, LENA, ET AL	SUNFLOWER NATURAL GAS CO INC.	09/21/1949	KS	SEWARD	85	353	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-F	MALEMUDE, BENJAMIN	SUNFLOWER NATURAL GAS CO INC.	09/21/1949	KS	SEWARD	85	354	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500125-G	MAHONEY, ALVIN, ET UX	SUNFLOWER NATURAL GAS CO INC.	01/03/1949	KS	SEWARD	85	291	32S	33W	30	LOT 1; LOT 2; E2 NW4
171500055-00	CORRIGAN, VIOLA, ET AL	FRED C KOCH	03/02/1944	KS	SEWARD	1	580	32S	33W	31	ALL OF SECTION 31
171500075-00	FISCHER, RUTH F., ET VIR	FRED C KOCH	05/15/1944	KS	SEWARD	64	519	32S	33W	32	ALL OF SECTION 32
171500093-00	BERG, HENRY ESTATE	CITIES SERVICE OIL COMPANY	04/26/1943	KS	SEWARD	47	320	32S	34W	25	NE4 NE4
171500127-A	MILLER, G. R., ET UX	PANHANDLE EASTERN PIPE LINE CO	08/02/1948	KS	SEWARD	85	247	32S	34W	25	SE4 NE4; NE4 SE4; S2 SE4
171500127-00	MILLER, HARRY C.	SUNFLOWER NATURAL GAS CO INC.	05/26/1948	KS	SEWARD	85	165	32S	34W	25	SE4 NE4; NE4 SE4; S2 SE4
171500131-00	KSBLM-011124	CITIES SERVICE OIL COMPANY	02/01/1947	KS	SEWARD	106	54	32S	34W	25	W2 NE4; E2 NW4; NW4 SE4
171500094-00	HITCH, HENRY C., ET UX	CITIES SERVICE OIL COMPANY	09/14/1943	KS	SEWARD	1	485	32S	34W	25	SW4; W2 NW4
171500549-A	DUTTON, ROSE D., ET VIR	CABOT PETROLEUM CORPORATION	04/17/1990	KS	SEWARD	415	34	32S	34W	36	SW4
171500549-B	MORGAN, RALPH H., ET UX	CABOT PETROLEUM CORPORATION	04/17/1990	KS	SEWARD	415	36	32S	34W	36	SW4
171500549-C	COOPER, RUTH E MORGAN	CABOT PETROLEUM CORPORATION	04/17/1990	KS	SEWARD	415	38	32S	34W	36	SW4

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171500549-D	WHITEKER, JOANNA P., ET VIR	CABOT PETROLEUM CORPORATION	04/17/1990	KS	SEWARD	415	40	32S	34W	36	SW4
171500549-E	PRAT, SYLVIA MORGAN	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	42	32S	34W	36	SW4
171500549-F	LEWIS, ROBERT W.	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	44	32S	34W	36	SW4
171500549-G	MORGAN, FRANCIS WAYNE	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	46	32S	34W	36	SW4
171500549-H	BALLJINGER, NANCY L. ET VIR	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	48	32S	34W	36	SW4
171500549-I	SHAW, CONNIE MORGAN	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	50	32S	34W	36	SW4
171500549-J	HAYNES, LINDA MORGAN	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	52	32S	34W	36	SW4
171500549-K	STALEY, LEOIA	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	54	32S	34W	36	SW4
171500549-L	MORGAN, HARLEY W. ET UX	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	56	32S	34W	36	SW4
171500549-M	DAEMI, KIMBERLY MORGAN	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	58	32S	34W	36	SW4
171500549-N	MORGAN, STEPHEN	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	60	32S	34W	36	SW4
171500549-O	MORGAN, ELWOOD G.	CABOT PETROLEUM CORPORATION	04/17/1990	KS	SEWARD	415	62	32S	34W	36	SW4
171500549-P	LEWIS, CAROL	CABOT PETROLEUM CORPORATION	04/11/1990	KS	SEWARD	415	64	32S	34W	36	SW4
171500549-Q	MORGAN, DEAN, ET UX	CABOT PETROLEUM CORPORATION	02/26/1991	KS	SEWARD	419	744	32S	34W	36	SW4
171500549-R	MORGAN, CHARLES	CABOT PETROLEUM CORPORATION	02/26/1991	KS	SEWARD	420	220	32S	34W	36	SW4
171500116-00	BAUGHMAN, JOHN W., ET UX	PANHANDLE EASTERN PIPE LINE CO	12/04/1946	KS	SEWARD	74	593	32S	34W	36	NW4
171500059-00	JOHN W. BAUGHMAN ET UX	FRED C KOCH	03/01/1944	KS	SEWARD	1	576	32S	34W	36	NE4
171500054-00	CORRIGAN, VIOLA, ET AL	FRED C KOCH	03/02/1944	KS	SEWARD	1	587	32S	34W	36	SE4
171500103-00	ONION, J. W., ET AL	BEN F BRACK	02/10/1945	KS	SEWARD	73	453	33S	34W	1	NW4
171500092-00	LEE, MARY G.	SUNFLOWER NATURAL GAS CO INC.	09/27/1947	KS	SEWARD	74	633	33S	34W	1	NE4
171500111-00	COOPER, E. D., ET UX	JOE E DENHAM	09/11/1944	KS	SEWARD	69	134	33S	33W	6	NE4

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171500112-00	JERMAN, B. F., ET UX	JOE E DENHAM	08/05/1944	KS	SEWARD	69	89	33S	33W	6	NW4
171500112-A	STATE LIFE INSURANCE COMPANY	JOE E DENHAM	09/01/1944	KS	SEWARD	69	142	33S	33W	6	N2 NW4
171500076-00	FISCHER, RUTH F, ET VIR	FRED C KOCH	05/15/1944	KS	SEWARD	64	517	33S	33W	5	NE4
171500076-A	FEDERAL FARM MORTGAGE CORP.	FRED C KOCH	05/15/1944	KS	SEWARD	64	521	33S	33W	5	NE4
171500122-00	BRYANT, H. C, ET UX	JOE E DENHAM	08/19/1944	KS	SEWARD	69	131	33S	33W	5	S2; NW4
171500122-A	FEDERAL LAND BANK OF WICHITA	JOE E DENHAM	11/03/1944	KS	SEWARD	73	6	33S	33W	5	S2
171500122-B	FEDERAL LAND BANK OF WICHITA	JOE E DENHAM	11/03/1944	KS	SEWARD	73	7	33S	33W	5	NW4
171500122-A	FEDERAL LAND BANK OF WICHITA	JOE E DENHAM	11/03/1944	KS	SEWARD	73	6	33S	33W	8	N2
171500122-00	BRYANT, H. C, ET UX	JOE E DENHAM	08/19/1944	KS	SEWARD	69	131	33S	33W	8	N2
171500106-00	THE ELMO LODGE OF PERFECTION	JOE E DENHAM	11/28/1944	KS	SEWARD	69	429	33S	33W	8	SE4
171500108-00	STATES, GEORGE E., ET AL	JOE E DENHAM	08/07/1944	KS	SEWARD	69	85	33S	33W	8	SW4
171500104-00	ROBINSON, NINA, ET AL.	BEN F BRACK	12/15/1944	KS	SEWARD	69	544	33S	33W	6	SE4
171500114-00	HARRISON, MARGARET MCCUE ET VIR	JOE E DENHAM	09/02/1944	KS	SEWARD	69	132	33S	33W	7	NW4
171500115-00	MEANEY, NELL	JOE E DENHAM	09/30/1944	KS	SEWARD	69	143	33S	33W	7	SW4
171500113-00	COOPER, E. D., ET UX	JOE E DENHAM	09/11/1944	KS	SEWARD	69	135	33S	33W	7	SE4
171500103-00	ONION, J. W., ET AL.	BEN F BRACK	02/10/1945	KS	SEWARD	73	453	33S	34W	1	SW4
171500129-00	VICKERS, W. H., ET UX	THE VICKERS PETROLEUM CO OF D	12/27/1940	KS	SEWARD	34	659	33S	34W	12	NW4
171500064-00	E.P. RUSTMAN, ET UX	FRED C KOCH	02/26/1944	KS	SEWARD	1	591	33S	34W	12	N2 SE4; S2 SE4
171500060-00	BAUGHMAN, JOHN W., ET UX	FRED C KOCH	03/01/1944	KS	SEWARD	1	577	33S	34W	12	SW4
171500071-00	MCGEE, H.A., ET AL	FRED C KOCH	02/29/1944	KS	SEWARD	1	607	33S	34W	11	SE4; NE4
171500084-00	CARPENTER, E. GAIL, ET UX	FRED C KOCH	06/12/1944	KS	SEWARD	69	208	33S	34W	11	NW4
171500084-A	CITIES SERVICE OIL COMPANY	PANHANDLE EASTERN PIPE LINE CO	04/15/1947	KS	SEWARD	74	498	33S	34W	11	NW4
171500102-00	BARNETT, MARY, ET AL	BEN F BRACK	05/29/1945	KS	SEWARD	75	204	33S	34W	11	N2 SW4; SE4 SW4
171500081-00	JONES, HAZIL LUCILLE, ET VIR	FRED C KOCH	04/03/1944	KS	SEWARD	1	620	33S	34W	11	SW4 SW4
171500098-00	HARRYMAN, HARRY B., ET UX	CITIES SERVICE OIL COMPANY	05/10/1943	KS	SEWARD	47	560	33S	34W	14	NE4

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171500097-00	MADDOX, LORENE, ET VIR	CITIES SERVICE OIL COMPANY	05/19/1943	KS	SEWARD	47	333	33S	34W	14	SE4
171500100-00	COOPER, E. D., ET UX	CITIES SERVICE OIL COMPANY	04/17/1943	KS	SEWARD	47	538	33S	34W	14	SW4; W2NW; SENW; NENW;
171500061-00	CENTRAL LIFE ASSURANCE SOCIETY	FRED C KOCH	02/23/1944	KS	SEWARD	1	579	33S	34W	13	SE4; NE4
171500072-00	KOCH, FRED C ET UX	WOOD RIVER OIL & REFINING CO	02/11/1947	KS	SEWARD	73	550	33S	34W	13	SW4; NW4
171500088-00	FREEMAN, HOMER J., ET AL.	GUY S SPEAKMAN	06/19/1945	KS	SEWARD	75	185	33S	33W	18	NE4
171500080-00	THE FEDERAL FARM MORTGAGE CORP	FRED C KOCH	04/24/1944	KS	SEWARD	1	612	33S	33W	18	NW4
171500089-00	SPEAKMAN, GUY S. ET UX	WOOD RIVER OIL & REFINING CO	04/13/1946	KS	SEWARD	75	263	33S	33W	18	SW4
171500091-00	THOMPSON, ELIZABETH, ET AL	JOE E DENHAM	08/04/1944	KS	SEWARD	69	141	33S	33W	18	SE4
171500124-00	BRILL, ELIZABETH, ET AL.	SUNFLOWER NATURAL GAS CO INC.	06/03/1948	KS	SEWARD	85	191	33S	33W	17	NE
171500020-00	BRILL, ELIZABETH	SUNFLOWER NATURAL GAS CO INC.	06/03/1948	KS	SEWARD	85	259	33S	33W	17	NW4
171500020-A	LYNCH, L. J., ET UX	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	374	33S	33W	17	NW4
171500023-00	GRIFFITH, W. V., ET UX	J E O'DONNELL	05/06/1944	KS	SEWARD	1	622	33S	33W	17	SW4
171500126-00	THOMPSON, ELIZABETH, ET AL.	SUNFLOWER NATURAL GAS CO INC.	02/15/1949	KS	SEWARD	85	292	33S	33W	17	SE4
171500126-A	LYNCH, CLETON L.	CABOT CARBON COMPANY	05/10/1951	KS	SEWARD	106	590	33S	33W	17	SE4
171500105-00	SALLEY, SARA, ET VIR	JOE E DENHAM	10/30/1944	KS	SEWARD	69	165	33S	33W	19	E2
171500095-00	SALLEY, SARA, ET VIR	SUNFLOWER NATURAL GAS CO INC.	11/20/1947	KS	SEWARD	74	638	33S	33W	19	E2W2
171500118-00	U G (GRANT) BLACK ESTATE	BEN F BRACK	11/09/1945	KS	SEWARD	75	240	33S	33W	19	LOT 1; LOT 2; LOT 3; LOT 4
171500065-00	THE FEDERAL FARM MORTGAGE CORP	FRED C KOCH	03/23/1944	KS	SEWARD	1	610	33S	34W	24	NE4; SE4
171500022-00	CLAYBAUGH, C. W., ET UX	J E O'DONNELL	05/11/1944	KS	SEWARD	69	1	33S	34W	24	NW4
171500070-00	BLAIR, RUTH F., ET VIR	FRED C KOCH	02/26/1944	KS	SEWARD	1	606	33S	34W	24	SW4
171500083-00	SCHOONOVER, JOSEPH J., ET UX	FRED C KOCH	05/06/1944	KS	SEWARD	69	2	33S	34W	25	NE4; NW4
171500051-00	BAINUM, JAMES S.	FRED C KOCH	02/24/1944	KS	SEWARD	1	568	33S	34W	25	SW4; SE4

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171500522-00	MARCH, EMMA G., ET VIR	VEEDER SUPPLY AND DEVELOPMENT CO	08/24/1950	KS	SEWARD	102	564	33S	33W	30	NE4
171500018-00	LYNCH, L. J., ET UX	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	379	33S	33W	30	NW4
171500090-00	DAVIS, HARVEY O., ET UX	WOOD RIVER OIL & REFINING CO	05/28/1946	KS	SEWARD	75	270	33S	33W	30	SW4
171500096-00	WATSON, RAY, ET UX	PANHANDLE EASTERN PIPE LINE CO	11/09/1944	KS	SEWARD	69	199	33S	33W	30	SE4
171500019-00	LYNCH, L.J., ET UX	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	373	33S	33W	31	NE4
171500014-00	LYNCH, PEARL M., ET VIR	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	377	33S	33W	31	W2 W2
171500079-00	MOORE, H. A., ET UX	BEN F BRACK	05/10/1945	KS	SEWARD	75	203	33S	34W	31	NE NW
171500119-00	ALLARD, MAUDE ESTELLA	BEN F BRACK	05/10/1945	KS	SEWARD	75	206	33S	33W	31	SE NW
171500016-00	LYNCH, L.J., ET AL.	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	376	33S	33W	31	E2 SW
171500120-00	SALLEY, J.H., ET UX	BEN F BRACK	04/18/1946	KS	SEWARD	75	237	33S	33W	31	SE
171500120-A	FSK, EZRA F., ET UX	BEN F BRACK	04/18/1946	KS	SEWARD	75	238	33S	33W	31	SE
171500015-00	LYNCH, CLEFTON L.	CABOT CARBON COMPANY	09/22/1950	KS	SEWARD	102	378	33S	34W	36	NE
171500068-00	SHARP, ARTHUR E., ET UX	FRED C KOCH	02/26/1944	KS	SEWARD	1	595	33S	34W	36	NW4
171500130-00	COX, L. F., ET UX	SUNFLOWER NATURAL GAS CO INC.	04/01/1950	KS	SEWARD	85	560	33S	34W	36	SW
171500130-A	BROWN, ESTELLE, ET VIR	SUNFLOWER NATURAL GAS CO INC.	04/01/1950	KS	SEWARD	85	559	33S	34W	36	SW
171500130-B	SKAER, E. JUNE	SUNFLOWER NATURAL GAS CO INC.	04/01/1950	KS	SEWARD	85	561	33S	34W	36	SW
171500130-C	COLLIER, BERTINIA, ET VIR	SUNFLOWER NATURAL GAS CO INC.	04/01/1950	KS	SEWARD	85	562	33S	34W	36	SW
171500130-D	COX, J. H., ET UX	SUNFLOWER NATURAL GAS CO INC.	04/01/1950	KS	SEWARD	85	563	33S	34W	36	SW
171500062-00	KELLY, MAUDE	FRED C KOCH	03/04/1944	KS	SEWARD	1	575	33S	34W	36	SE4
171500067-00	ARTHUR E. SHARP, ET UX	FRED C KOCH	02/26/1944	KS	SEWARD	1	593	33S	34W	35	NE4
171500101-00	COOK, CHARLES, ET UX	CITIES SERVICE OIL COMPANY	04/23/1943	KS	SEWARD	47	568	33S	34W	35	W2
171500021-00	HARREL, W. J., ET UX	GUY S SPEAKMAN	09/12/1950	KS	SEWARD	102	471	33S	34W	35	SE4
171500044-00	KEATING, ARTHUR H., ET AL.	FRED C KOCH	06/10/1943	KS	SEWARD	47	314	34S	34W	2	NE4, SE4

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171500099-00	KEATING, A. H., ET AL.	CITIF'S SERVICE OIL COMPANY	04/24/1943	KS	SEWARD	47	553	34S	34W	2	NW4; SW4
171500052-00	KELLY, MAUDE R.	FRED C KOCH	02/29/1944	KS	SEWARD	1	571	34S	34W	1	NE4
171500509-00	ENGEL, FRED A., ET UX	O R REED	04/04/1947	KS	SEWARD	74	606	34S	34W	1	NW
171500053-00	JOHN T. HACKER ET UX	FRED C KOCH	02/23/1944	KS	SEWARD	1	573	34S	34W	1	SW4; SE4
171500086-00	METCALF, KENNETH, ET AL.	FRED C KOCH	06/19/1944	KS	SEWARD	69	10	34S	33W	7	NE4, NW4; SW4; SE4
171500085-00	SHORB, EZRA, ET UX	FRED C KOCH	06/12/1944	KS	SEWARD	69	25	34S	34W	12	SE4; NE4
171500509-00	ENGEL, FRED A., ET UX	O R REED	04/04/1947	KS	SEWARD	74	606	34S	34W	12	W2
171500045-00	ADAMSON, CLEO, ET AL.	FRED C KOCH	06/09/1943	KS	SEWARD	47	571	34S	34W	11	NE4; NW4; SW4; SE4
171500058-00	DON F. PRIEFERT, ET UX	FRANK PARKES	09/23/1942	KS	SEWARD	64	272	34S	34W	9	NE4
171500048-00	HEATH, RALPH M., ET UX	FRED C KOCH	02/10/1944	KS	SEWARD	1	497	34S	34W	9	W2
171500057-00	C.M. RATCLIFF, ET UX	FRANK PARKES	10/02/1942	KS	SEWARD	64	307	34S	34W	9	SE4
171500048-00	HEATH, RALPH M., ET UX	FRED C KOCH	02/10/1944	KS	SEWARD	1	497	34S	34W	8	S2; NE4
171500056-00	TILJE ALMEDA SCOTT	FRANK PARKES	03/05/1942	KS	SEWARD	64	141	34S	34W	8	NW4
171500046-00	KEATING, ARTHUR H., ET AL.	FRED C KOCH	06/10/1943	KS	SEWARD	47	312	34S	34W	14	NW4; NE4
171500047-00	BLOOM, WILLIS E., ET UX	FRED C KOCH	06/09/1943	KS	SEWARD	47	313	34S	34W	14	SW4; SE4
171500087-00	LORD, ESTHER A. ET AL.	FRED C KOCH	05/22/1944	KS	SEWARD	69	8	34S	34W	13	NE4; NW4
171500063-00	WILSON, W. M., ET UX	FRED C KOCH	03/04/1944	KS	SEWARD	1	581	34S	34W	13	SE4; SW4
171500050-00	STEVENS, ANNIE E., ET AL.	FRED C KOCH	02/24/1944	KS	SEWARD	1	569	34S	34W	23	NE4
171500082-00	GASAWAY, MYRTLE, ET AL.	FRED C KOCH	03/06/1944	KS	SEWARD	69	13	34S	34W	23	NW4; SW4; SE4
171500002-00	MASSONI, F. H., ET AL.	GUY S SPEAKMAN	09/02/1950	KS	SEWARD	102	360	33S	31W	5	LOT 3; LOT 4; S2 NW4
171500002-00	MASSONI, F. H., ET AL.	GUY S SPEAKMAN	09/02/1950	KS	SEWARD	102	360	33S	31W	6	SE4
171500004-00	MASSONI, F. H., ET AL.	GUY S SPEAKMAN	09/02/1950	KS	SEWARD	102	358	33S	31W	6	N2
171500013-00	OLDS, H. L., ET UX	GUY S SPEAKMAN	09/11/1950	KS	SEWARD	102	372	33S	31W	6	SW4
171500548-00	HEADRICK, RAYMOND, ET UX	CABOT PETROLEUM CORPORATION	08/02/1990	KS	SEWARD	413	570	33S	31W	8	NW
171500553-00	TEXACO EXPLORATION & PROD. INC	CABOT OIL & GAS CORPORATION	10/14/1991	KS	SEWARD	427	605	33S	31W	8	SW4
171500553-B	MCVEY, FANNIE I.	NELSON B ESCUJE	08/01/1972	KS	SEWARD	270	277	33S	31W	8	SW4
171500359-00	HANDY, A M. ET UX	THE ATLANTIC REFINING COMPANY	12/02/1955	KS	SEWARD	141	54	33S	31W	29	NE4
171500357-00	DAVIES, ROBERT, ET AL	GULF OIL CORPORATION	10/10/1960	KS	SEWARD	190	209	33S	31W	29	SE4
171500008-00	MASSONI, FLOYD H., ET UX	CABOT CARBON COMPANY	08/16/1960	KS	SEWARD	186	67	33S	31W	29	E2W2

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171500358-00	DAVIES, ROBERT, ET UX	E H ADAIR	10/30/1956	KS	SEWARD	159	117	33S	31W	29	W2W2
171500008-00	MASSONI, FLOYD H., ET UX	CABOT CARBON COMPANY	08/16/1960	KS	SEWARD	186	67	33S	31W	32	NE4 NW4; NW4 NE4
171500128-00	WINCHELL, GEORGE R., ET UX	SUNFLOWER NATURAL GAS CO INC.	06/28/1949	KS	SEWARD	85	321	33S	33W	9	NE

Deed Code	Assignor	Assignee	Deed Date	State Code	County	Volume	Page	TWN	RNG	SEC	Description
171500127-MI	MICHAEL L ROSS, INC.	CABOT OIL & GAS CORPORATION	05/29/1991	KS	SEWARD	424	893	32S	34W	25	NE4 SE4; S2 SE4; SE4 NE4
	MICHAEL L ROSS, INC.	CABOT OIL & GAS CORPORATION	07/23/1991	KS	SEWARD	424	1015	32S	34W	25	NE4 SE4; S2 SE4; SE4 NE4

EXHIBIT A-1

Wells and Units

Attached and made a part of that Purchase and Sale Agreement between Lime Rock Resources II-A, L.P., et al, as Seller and Edison Operating Company, LLC, as Purchaser, dated effective July 1, 2017

PROP NUM	LEASE	API	COUNTY	STATE	WI	NRI	STR
OKCFINA00687	SANTA FE # 1-7	1517521349	SEWARD	KS	1.000000	0.812500	07-32s-33w
OKCFINA00460	BOLES TRUST # 1-18	1517521271	SEWARD	KS	1.000000	0.812500	18-32s-33w
OKCFINA00028	JOHNSON # 1-17	1517500260	SEWARD	KS	1.000000	0.875000	17-32s-33w
OKCFINA00415	JOHNSON # 2-17 STL	1517521240	SEWARD	KS	0.750000	0.656250	17-32s-33w
OKCFINA00449	JOHNSON # 3-17	1517521255	SEWARD	KS	1.000000	0.875000	17-32s-33w
OKCFINA00461	JOHNSON # 4-17 M SWD	1517521291	SEWARD	KS	1.000000	0.812500	17-32s-33w
OKCFINA00039	MERCER # 1-20	1517500264	SEWARD	KS	1.000000	0.750000	20-32s-33w
OKCFINA00032	LEMERT # 1-21	1517500265	SEWARD	KS	1.000000	0.750000	21-32s-33w
OKCFINA00420	LEMERT # 3-22 (NW/SE/NW)	1517521272	SEWARD	KS	1.000000	0.750000	22-32s-33w
F3FM1JKB31	LEMERT BETTIE #1 & #2	1517520182	SEWARD	KS	0.500000	0.406250	22-32s-33w
OKCFINA00470	LEMERT # 3-27 (AKA 4-27)	1517521925	SEWARD	KS	1.000000	0.750000	27-32s-33w
OKCFINA00033	LEMERT # 2-28	1517500274	SEWARD	KS	1.000000	0.750000	28-32s-33w
OKCFINA00281	MERCER # 3-28	1517520945	SEWARD	KS	1.000000	0.750000	28-32s-33w
OKCFINA00041	NADEN # 1-29	1517500275	SEWARD	KS	1.000000	0.875000	29-32s-33w
OKCFINA00035	LUFT # 1-30	1517500276	SEWARD	KS	1.000000	0.875000	30-32s-33w
OKCFINA00469	LUFT # 40-30 (CHASE)	1517521822	SEWARD	KS	1.000000	0.875000	30-32s-33w
OKCFINA00026	HITCH # 1-25	1517500310	SEWARD	KS	1.000000	0.900000	25-32s-34w
OKCFINA00468	HITCH # 3-25	1517521512	SEWARD	KS	1.000000	0.900000	25-32s-34w
OKCFINA00015	BAUGHMAN # 1-36	1517500321	SEWARD	KS	0.750000	0.656250	36-32s-34w
OKCFINA00334	BAUGHMAN # 2-36	1517521177	SEWARD	KS	1.000000	0.856250	36-32s-34w
OKCFINA00020	CORRIGAN # 1-31	1517500277	SEWARD	KS	1.000000	0.875000	31-32s-33w
OKCFINA00279	CORRIGAN # 2-31	1517520939	SEWARD	KS	1.000000	0.875000	31-32s-33w
OKCFINA00021	FISCHER # 1-32	1517500278	SEWARD	KS	1.000000	0.875000	32-32s-33w
OKCFINA00376	FISCHER # 2-32	1517521202	SEWARD	KS	1.000000	0.875000	32-32s-33w
OKCFINA00330	LEE # 2-1	1517521156	SEWARD	KS	0.850000	0.743750	01-33s-34w
OKCFINA00351	LEE # 3-1	1517521223	SEWARD	KS	0.850000	0.743750	01-33s-34w
OKCFINA00027	JERMAN # 1-6	1517500131	SEWARD	KS	1.000000	0.875000	06-33s-33w
OKCFINA00414	JERMAN # 20-6 (CHASE)	1517521826	SEWARD	KS	1.000000	0.875000	06-33s-33w
OKCFINA00409	BRYANT # 10-5 (CHASE)	1517521824	SEWARD	KS	1.000000	0.875000	05-33s-33w
OKCFINA00017	BRYANT # 1-5	1517500129	SEWARD	KS	1.000000	0.875000	05-33s-33w
OKCFINA00206	HARRELL # 1-5	1517500130	SEWARD	KS	1.000000	0.875000	05-33s-33w
OKCFINA00739	SANTA FE 'A' # 3	1517521417	SEWARD	KS	0.250000	0.218750	09-33s-33w
OKCFINA00214	WINCHELL # 1-9	1517500135	SEWARD	KS	0.250000	0.218750	09-33s-33w
OKCFINA00303	BRYANT, H. G. # 1A-8 CH	1517510017	SEWARD	KS	1.000000	0.875000	08-33s-33w
OKCFINA00018	BRYANT # 2-8	1517500134	SEWARD	KS	1.000000	0.875000	08-33s-33w
JAFM9TAM26	BRYANT 'B' # 3-8 M	1517521040	SEWARD	KS	1.000000	0.787500	08-33s-33w
OKCFINA00024	HARRISON # 1-7	1517500133	SEWARD	KS	1.000000	0.875000	07-33s-33w
OKCFINA00412	HARRISON # 2-7	1517521924	SEWARD	KS	1.000000	0.875000	07-33s-33w
OKCFINA00049	VICKERS # 1-12	1517500176	SEWARD	KS	1.000000	0.875000	12-33s-34w
OKCFINA00335	VICKERS # 2-12	1517521173	SEWARD	KS	1.000000	0.875000	12-33s-34w
OKCFINA00038	MCGEE # 1-11	1517500175	SEWARD	KS	1.000000	0.875000	11-33s-34w
OKCFINA00377	MCGEE # 2-11	1517521203	SEWARD	KS	1.000000	0.875000	11-33s-34w
OKCFINA00037	MADDOX # 1-14	1517500179	SEWARD	KS	1.000000	0.875000	14-33s-34w
C3NG72CD1Z	MADDOX # 40-14 (CHASE)	1517521833	SEWARD	KS	1.000000	0.875000	14-33s-34w
OKCFINA00043	REIMER # 1-13	1517500178	SEWARD	KS	1.000000	0.875000	13-33s-34w
OKCFINA00766	REIMER # 3-13	1517521923	SEWARD	KS	1.000000	0.875000	13-33s-34w
OKCFINA00047	SPEAKMAN # 1-18	1517500145	SEWARD	KS	1.000000	0.875000	18-33s-33w
OKCFINA00421	SPEAKMAN # 3-18 (AKA LYNCH)	1517521922	SEWARD	KS	1.000000	0.875000	18-33s-33w
OKCFINA00467	BRILL # 10-17 (CHASE)	1517521823	SEWARD	KS	1.000000	0.875000	17-33s-33w
OKCFINA00022	GRIFFITH # 2-17	1517500144	SEWARD	KS	1.000000	0.875000	17-33s-33w
OKCFINA00044	SALLEY # 1-19	1517550387	SEWARD	KS	1.000000	0.875000	19-33s-33w
OKCFINA00423	SALLEY # 2-19	1517521254	SEWARD	KS	1.000000	0.875000	19-33s-33w
OKCFINA00408	BLAIR # 2-24	1517521511	SEWARD	KS	1.000000	0.875000	24-33s-34w

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Wells and Units

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PROP NUM	LEASE	API	COUNTY	STATE	WI	NRI	STR
OKCFINA00016	BLAIR, RUTH # 1-24	1517500189	SEWARD	KS	1.000000	0.875000	24-33s-34w
OKCFINA00045	SCHOONOVER # 1-25	1517500190	SEWARD	KS	1.000000	0.875000	25-33s-34w
OKCFINA00036	LYNCH # 1-30	1517500159	SEWARD	KS	0.781057	0.681322	30-33s-33w
OKCFINA00014	ALLARD, MAUDE # 1-31	1517500160	SEWARD	KS	1.000000	0.875000	31-33s-33w
OKCFINA00407	ALLARD # 2-31	1517521920	SEWARD	KS	1.000000	0.875000	31-33s-33w
OKCFINA00031	KELLY # 1-36	1517500201	SEWARD	KS	1.000000	0.875000	36-33s-34w
OKCFINA00019	COOK # 1-35	1517500200	SEWARD	KS	1.000000	0.875000	35-33s-34w
OKCFINA00714	COOK # 3-35	1517521481	SEWARD	KS	0.523438	0.458008	35-33s-34w
OKCFINA00410	COOK # 5-35 (AKA 1-35)	1517521930	SEWARD	KS	1.000000	0.875000	35-33s-34w
OKCFINA00023	HACKER, E. E. # 1-1	1517550437	SEWARD	KS	1.000000	0.875000	01-34s-34w
OKCFINA00204	HACKER # 2-1	1517520465	SEWARD	KS	0.666667	0.567708	01-34s-34w
OKCFINA00029	KEATING & STEPHENS # 1-2	1517500361	SEWARD	KS	1.000000	0.875000	02-34s-34w
OKCFINA00207	KEATING & STEPHENS # 3-2	1517510162	SEWARD	KS	0.624800	0.546700	02-34s-34w
OKCFINA00679	KEATING & STEPHENS # 4-2 M	1517521330	SEWARD	KS	0.976610	0.815044	02-34s-34w
OKCFINA00680	KEATING & STEPHENS # 5-2 M	1517521351	SEWARD	KS	0.875220	0.734568	02-34s-34w
OKCFINA00715	KEATING & STEPHENS # 6-2	1517521637	SEWARD	KS	1.000000	0.875000	02-34s-34w
OKCFINA00884	KEATING-STEPHENS A # 5	1517521747	SEWARD	KS	0.437610	0.382925	02-34s-34w
OKCFINA00025	HEATH # 1-8	1517500367	SEWARD	KS	1.000000	0.875000	08-34s-34w
OKCFINA00413	HEATH # 2-8	1517521251	SEWARD	KS	1.000000	0.875000	08-34s-34w
OKCFINA00042	PRIEFERT # 1-9	1517500368	SEWARD	KS	1.000000	0.875000	09-34s-34w
OKCFINA00422	PRIEFERT # 2-9	1517521508	SEWARD	KS	1.000000	0.875000	09-34s-34w
OKCFINA00013	ADAMSON # 1-11	1517500370	SEWARD	KS	1.000000	0.875000	11-34s-34w
OKCFINA00202	ADAMSON #2-11	1517500019	SEWARD	KS	0.625000	0.546875	11-34s-34w
OKCFINA00203	ADAMSON # 3-11	1517520868	SEWARD	KS	0.625000	0.546875	11-34s-34w
IAQJNTBMFX	ADAMSON # 4-11 (MORROW)	1517521475	SEWARD	KS	0.625000	0.546875	11-34s-34w
OKCFINA00789	ADAMSON # 5-11	1517521536	SEWARD	KS	0.625000	0.546875	11-34s-34w
OKCFINA00418	ADAMSON # 7-11	1517521928	SEWARD	KS	1.000000	0.875000	11-34s-34w
OKCFINA00885	ADAMSON # A-5	1517521753	SEWARD	KS	0.312500	0.273438	11-34s-34w
OKCFINA00046	SHORB # 1-12	1517500371	SEWARD	KS	1.000000	0.875000	12-34s-34w
OKCFINA00209	SHORB # 2-12	1517520794	SEWARD	KS	0.988280	0.845215	12-34s-34w
I8FFOTRLO2	FITZGERALD 3-12	1517522088	SEWARD	KS	0.988281	0.845215	12-34s-34w
OKCFINA00040	METCALF # 1-7	1517500330	SEWARD	KS	1.000000	0.875000	07-34s-33w
OKCFINA00378	METCALF # 2-7	1517521191	SEWARD	KS	1.000000	0.875000	07-34s-33w
OKCFINA00034	LORD # 1-13	1517500372	SEWARD	KS	1.000000	0.875000	13-34s-34w
OKCFINA00417	LORD # 2-13	1517521919	SEWARD	KS	1.000000	0.875000	13-34s-34w
OKCFINA00868	KEATING "B-1" (ANADARKO)	1517521735	SEWARD	KS	1.000000	0.875000	14-34s-34w
OKCFINA00030	KEATING & STEPHENS # 2-14	1517500373	SEWARD	KS	1.000000	0.875000	14-34s-34w
OKCFINA00048	STEVESON # 1-23	1517500383	SEWARD	KS	1.000000	0.875000	23-34s-34w
OKCFINA00424	STEVESON # 3-23 (AKA SCHOONOVER 2-25)	1517521927	SEWARD	KS	1.000000	0.875000	23-34s-34w
OKCFINA00503	UNDERWOOD `A` # 3	1517521346	SEWARD	KS	0.125000	0.109375	23-34s-34w
OKCFINA00261	UNDERWOOD `A` LEASE (1-23, 2-23)	1517520421	SEWARD	KS	0.125000	0.109375	23-34s-34w
OKCFINA00210	MASSONI # 2-6	1517510022	SEWARD	KS	1.000000	0.875000	06-33s-31w
OKCFINA00729	MASSONI # 5-6 ORRI	1517521393	SEWARD	KS	0.000000	0.075000	06-33s-31w
OKCFINA00681	MCVEY # 1-8 CH	1517521298	SEWARD	KS	1.000000	0.830078	08-33s-31w
OKCFINA00205	HANDY # 1-29	1517510020	SEWARD	KS	1.000000	0.792969	29-33s-31w

Exhibit A-2
Excluded Equipment

NONE