



**For KCC Use:**

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

District # \_\_\_\_\_

SGA?  Yes  No

**KANSAS CORPORATION COMMISSION 1021135  
OIL & GAS CONSERVATION DIVISION**

Form C-1

October 2007

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

**NOTICE OF INTENT TO DRILL**

*Must be approved by KCC five (5) days prior to commencing well*

Expected Spud Date: \_\_\_\_\_  
month day year

OPERATOR: License# \_\_\_\_\_

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

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

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

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

CONTRACTOR: License# \_\_\_\_\_

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

**Well Drilled For:**

**Well Class:**

**Type Equipment:**

- |   |                                   |                                    |                                     |
|---|-----------------------------------|------------------------------------|-------------------------------------|
| <input type="checkbox"/> Oil                        | <input type="checkbox"/> Enh Rec  | <input type="checkbox"/> Infield   | <input type="checkbox"/> Mud Rotary |
| <input type="checkbox"/> Gas                        | <input type="checkbox"/> Storage  | <input type="checkbox"/> Pool Ext. | <input type="checkbox"/> Air Rotary |
|   | <input type="checkbox"/> Disposal | <input type="checkbox"/> Wildcat   | <input type="checkbox"/> Cable      |
| <input type="checkbox"/> Seismic ; _____ # of Holes | <input type="checkbox"/> Other    |                                    |                                     |
| <input type="checkbox"/> Other: _____               |                                   |                                    |                                     |

If OWWO: old well information as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No

If Yes, true vertical depth: \_\_\_\_\_

Bottom Hole Location: \_\_\_\_\_

KCC DKT #: \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W  
(00/00)

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?

*(Note: Locate well on the Section Plat on reverse side)*

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

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

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

Is this a Prorated / Spaced Field?  Yes  No

Target Formation(s): \_\_\_\_\_

Nearest Lease or unit boundary line (in footage): \_\_\_\_\_

Ground Surface Elevation: \_\_\_\_\_ feet MSL

Water well within one-quarter mile:  Yes  No

Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: \_\_\_\_\_

Depth to bottom of usable water: \_\_\_\_\_

Surface Pipe by Alternate:  I  II

Length of Surface Pipe Planned to be set: \_\_\_\_\_

Length of Conductor Pipe (if any): \_\_\_\_\_

Projected Total Depth: \_\_\_\_\_

Formation at Total Depth: \_\_\_\_\_

Water Source for Drilling Operations:

Well  Farm Pond Other: \_\_\_\_\_

DWR Permit #: \_\_\_\_\_

*(Note: Apply for Permit with DWR  )*

Will Cores be taken?  Yes  No

If Yes, proposed zone: \_\_\_\_\_

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.

It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is necessary **prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. If an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date. Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

**Submitted Electronically**

**For KCC Use ONLY**

API # 15 - \_\_\_\_\_

Conductor pipe required \_\_\_\_\_ feet

Minimum surface pipe required \_\_\_\_\_ feet per ALT.  I  II

Approved by: \_\_\_\_\_

**This authorization expires:** \_\_\_\_\_  
*(This authorization void if drilling not started within 12 months of approval date.)*

Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**Remember to:**

- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If this permit has expired *(See: authorized expiration date)* please check the box below and return to the address below.

**Well Not Drilled - Permit Expired** Date: \_\_\_\_\_  
Signature of Operator or Agent: \_\_\_\_\_



1021135

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

*Plat of acreage attributable to a well in a prorated or spaced field*

**If the intended well is in a prorated or spaced field, please fully complete this side of the form.** If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - \_\_\_\_\_

Operator: \_\_\_\_\_

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

Well Number: \_\_\_\_\_

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

Number of Acres attributable to well: \_\_\_\_\_

QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Location of Well: County: \_\_\_\_\_

\_\_\_\_\_ feet from  N /  S Line of Section

\_\_\_\_\_ feet from  E /  W Line of Section

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  E  W

Is Section:  Regular or  Irregular

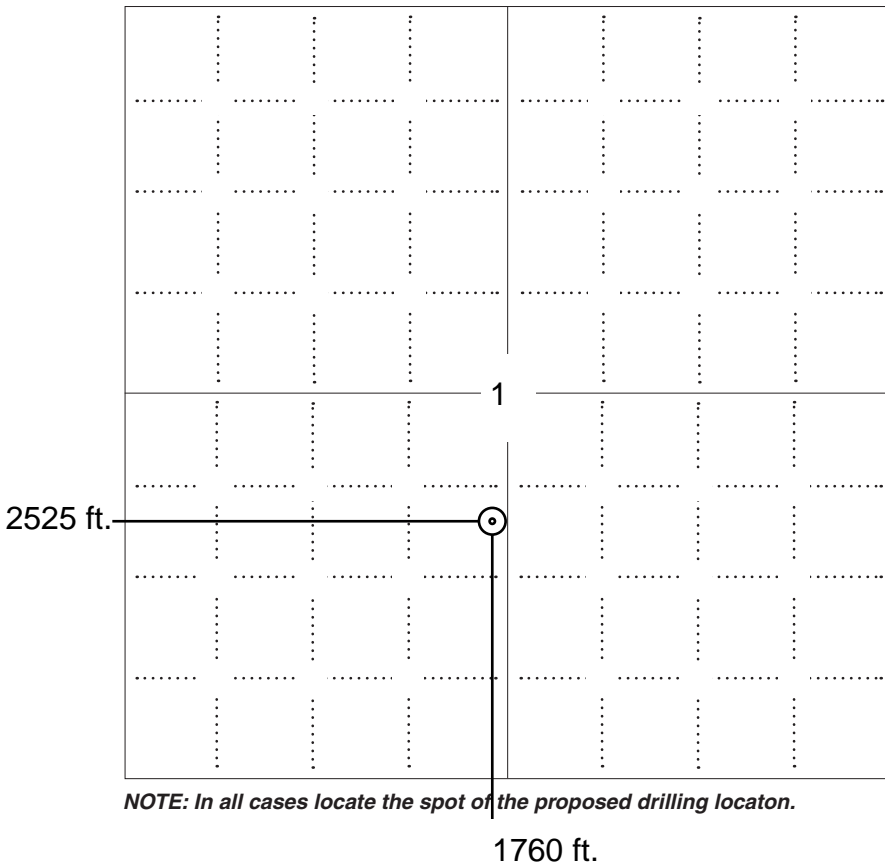
**If Section is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

**PLAT**

*(Show location of the well and shade attributable acreage for prorated or spaced wells.)*

*(Show footage to the nearest lease or unit boundary line.)*



**NOTE: In all cases locate the spot of the proposed drilling location.**



**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (C0-7 for oil wells; CG-8 for gas wells).



KANSAS CORPORATION COMMISSION 1021135  
OIL & GAS CONSERVATION DIVISION

Form CDP-1  
April 2004  
Form must be Typed

**APPLICATION FOR SURFACE PIT**

*Submit in Duplicate*

Operator Name: _____		License Number: _____	
Operator Address: _____			
Contact Person: _____		Phone Number: _____	
Lease Name & Well No.: _____		Pit Location (QQQQ): _____ - _____ - _____ - _____	
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?		_____	
Pit dimensions (all but working pits): _____ Length (feet)    _____ Width (feet)    _____ N/A: Steel Pits Depth from ground level to deepest point: _____ (feet)    _____ No Pit			
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.	
Distance to nearest water well within one-mile of pit _____ feet    Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: _____ measured    _____ well owner    _____ electric log    _____ KDWR	
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

<b>KCC OFFICE USE ONLY</b>		Steel Pit	RFAC	RFAS
Date Received: _____	Permit Number: _____	Permit Date: _____	Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	

Received for record at 10:30 o'clock A M. on 11 day  
 State of Kansas February 26 08, and recorded in Book 380 of  
 Rooks County ) Records at page 491 Rosalie Spick  
 Register of Deeds \_\_\_\_\_ Jmg

Form 88-(Producers Special) (Paid Up)  
 63U (Rev. 1981)

## OIL AND GAS LEASE

AGREEMENT, Made and entered into the 14<sup>th</sup> day of December, 2007 and between Daniel L. Muir, a married man dealing in his sole and separate property, whose mailing address is 8106 53<sup>rd</sup> Street Ct West, University Place, WA 98467, hereinafter called Lessor (whether one or more) and SPRINGFIELD OIL COMPANY, whose post office address is 27619 Brook Drive, Hot Springs, South Dakota 57747, hereinafter called Lessee:

Lessor, in consideration of Ten and more DOLLARS (\$10.00+) in hand paid, receipt of which is here by acknowledged, and the royalties herein provided and of the agreements of the lessee herein contained, hereby grants, leases and lets exclusively unto lessee for the purpose of investigating, exploring, prospecting, drilling, mining and operating for and producing oil, liquid hydrocarbons, all gases, and their respective constituent products, injecting gas, water, other fluids, and air into subsurface strata, laying pipe lines, storing oil, building tanks, power stations, telephone lines, and other structures and things thereon to produce, save, take care of, treat, manufacture, process, store and transport said oil, liquid hydrocarbons, gases and their respective constituent products and other products manufactured therefrom, and housing and otherwise caring for its employees, the following described land, together with any reversionary rights and after-acquired interest, therein situated in the County of Rooks, State of Kansas, described as follows, to-wit:

Township 7 South, Range 18 West, 6<sup>th</sup> P.M.  
 Section 1: SW/4;

SEE EXHIBIT "A" ATTACHED HERETO AND BY THIS REFERENCE MADE A PART HEREOF

THIS LEASE IS SUBJECT TO THE RECORDED LETTER AGREEMENT AND EASEMENT, RIGHT-OF-WAY, SURFACE USE AND SEISMIC PERMIT OF EVANSTON PUBLIC UTILITIES COMPANY

and containing 160.00 acres, more or less, and all accretions thereto.

Subject to the provisions of the lease herein contained, this lease shall remain in force for a term of 3 years from this date ( called "primary term"), and as long thereafter as production of oil, gas or other respective constituent products, or any of them, is produced from said land or land with which said land is pooled.

In consideration of the above, the said Lessee covenants and agrees:

1<sup>st</sup>. To deliver to the credit of lessor, free of cost, in the pipe line which lessee may connect wells on said land, the equal one-eighth (1/8<sup>th</sup>) part of all oil produced and saved from the leased premises.

2<sup>nd</sup>. To pay lessor for gas of whatsoever nature of kind produced and sold, or used off the premises, or used in the manufacture of any products therefrom, one-eighth (1/8<sup>th</sup>), at the market price at the well, (but, as to gas sold by lessee, in no event more than one-eighth (1/8<sup>th</sup>) of the proceeds received by lessee from such sales), for the gas sold, used off the premises, or in the manufacture of products therefrom, said payments to be made monthly. Where gas from a well producing gas only is not sold or used, lessee may pay or tender as royalty One Dollar (\$1.00) per year per net mineral acre retained hereunder, and if such payment or tender is made it will be considered that gas is being produced within the meaning of the preceding paragraph.

This lease may be maintained during the primary term hereof without further payment or drilling operations. If the lessee shall commence to drill a well within the term of this lease or any extension thereof, the lessee shall have the right to drill such well to completion with reasonable diligence and dispatch, and if oil or gas, or either of them, be found in paying quantities, this lease shall continue and be in force with like effects as if such well had been completed within the term of years first mentioned.

If said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties herein provided for shall be paid the said lessor only in the proportion which lessor's interest bears to the whole and undivided fee.

Lessee shall have the right to use, free of cost, gas, oil and water produced on said land for lessee's operations thereon, except water from the wells of lessor.

When requested by lessor, lessee shall bury lessee's pipe lines below plow depth.

No well shall be drilled nearer than 200 feet to the house or barn now on said premises without written consent of lessor.

Lessee shall pay for damages caused by lessee's operations to growing crops on said land.

Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the covenants hereof shall extend to their heirs, executors, administrators, successors or assigns, but no change in the ownership of the land or assignment of rentals or royalties shall be binding on the lessee until after the lessee has been furnished with a written transfer or assignment or a true copy thereof. In case lessee assigns this lease, in whole or in part, lessee shall be relieved of all obligations with respect to the assigned portion or portions arising subsequent to the date of assignment.

Lessee may at any time execute and deliver to lessor or place of record a release or releases covering any portion or portions of the above described premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered.

All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor lessee held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such Law, Order, Rule or Regulation.

Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the lessee shall have the right at any time to redeem from the holder thereof, any mortgage, taxes or other liens on the above described lands, in the event of default of payment by the lessor, and be subrogated to the rights of the premises described herein, in so far as said right of dower and homestead may in any way affect the purposes for which this lease is made, as recited herein.

Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the immediate vicinity thereof, when in lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said lease premises so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such pooling to be of tracts contiguous to one another and to be into a unit or units not exceeding 40 acres each in the event of an oil well, or into a unit of units not exceeding 640 acres each in the event of a gas well. Lessee shall be execute in writing and record in the conveyance records of the county in which the land herein leased is situated and instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is found on the pooled acreage, it shall be treated as if production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis bears to the total acreage so pooled in the particular unit involved.

IN WITNESS WHEREOF, the undersigned execute this instrument as of the day and year first written..

x Daniel L. Muir \_\_\_\_\_ x

Daniel L. Muir

STATE OF Washington }  
COUNTY OF Pierce }

Oldahoma, Kansas, New Mexico, Wyoming, Montana, Colorado, Utah,  
Nebraska, North Dakota, South Dakota  
ACKNOWLEDGMENT - INDIVIDUAL

*December, 2007*

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 31<sup>ST</sup> day of January, 2008, personally appeared Daniel L. Muir, a married man dealing in his sole and separate property, to me known to be the identical person(s) described in and who executed the within and foregoing instrument of writing and acknowledged to me that he duly

executed the same as his free and voluntary act and deed for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires 11-20-2010

*Devin Marie Jensen*  
Notary Public

ACKNOWLEDGMENT-CORPORATE

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ }

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2007, by \_\_\_\_\_

as \_\_\_\_\_ of \_\_\_\_\_ and that the foregoing instrument was signed on behalf of said corporation by authority of its Board of Directors and said \_\_\_\_\_ acknowledged before me that said corporation executed the same.

Witness my hand an official seal.

My Commission Expires \_\_\_\_\_

Notary Public



EXHIBIT "A"

Attached to and made a part of that certain Oil and Gas Lease dated December 14, 2007 by and between, Daniel L. Muir, a married man dealing in his sole and separate property, 8106 53<sup>rd</sup> Street Ct. West, University Place, WA 98467 as Lessor, and SPRINGFIELD OIL COMPANY, 27619 Brook Drive, Hot Springs, South Dakota 57747, as Lessee, covering the following described lands, to-wit:

Township 7 South, Range 18 West, 6<sup>th</sup> P.M.  
Section 1: SW/4:

Containing 160.00 acres, more or less  
 Rooks County, Kansas

1. Lessee shall consult Lessor as to location of lease roads, tank batteries, utility poles and other production facilities. Lessee shall maintain all lease roads in good condition and keep all potholes filled, and Lessee shall keep all lease roads, tank batteries and other facilities maintained and free of weed growth.
2. It is agreed by Lessor and Lessee that settlement of location damages for any drill site or tank battery location shall be based on \$1,000.00 minimum payment per location unless actual damages incurred are larger per location.
3. All pipelines or electric lines shall be buried below 36".
4. When preparing development locations the topsoil shall be segregated to be replaced on the surface upon completion of drilling activities. Any terraces driven over or altered for drilling or tank locations shall be restored to original height.
5. The drilling site shall be returned to its original surface topography.
6. A sufficient dike shall be placed around tank batteries. Also tank batteries and pumping units shall be fenced to restrain cattle in pastures or on ground that Lessor grazes cattle on milo stalks or wheat.
7. Failure to produce and sell oil for a six month period shall be considered termination of production and this lease. Upon the termination of production on the lease, all equipment shall be removed within six months and all sites shall be restored to their original condition.
8. Lessee shall not have the right to dispose of off-lease water or inject off-lease water for secondary recovery purposes on this property without the written consent of Lessor.

## SIGNED FOR IDENTIFICATION:

x Daniel L. Muir

Daniel L. Muir

X

EX-03716549

STATE OF KANSAS }  
ROOKS COUNTY } SS

This instrument was filed for record in my  
office at 9:00 o'clock A. M. on this  
4 day of JUNE 20 07  
and is duly recorded in Book 371 of

records at page 549  
Debbie Spack  
Register of Deeds

PRODUCERS 88-PAID UP

## OIL AND GAS LEASE

AGREEMENT, Made and entered into the 7<sup>th</sup> day of March, 2007, by and between Fort Hays State University Endowment Association, a Not-For-Profit Corporation, whose post office address is 610 Park, Hays, KS 67601, hereinafter called Lessor (whether one or more) and Springfield Oil Company, whose post office address is 27619 Brook Drive, Hot Springs, SD 57747, hereinafter called Lessee:

WITNESSETH, That the Lessor, for and in consideration of TEN AND MORE DOLLARS cash in hand paid, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, has granted, demised, leased and let, and by these presents does grant, demise, lease and let exclusively unto the said Lessee, the land hereinafter described, with the exclusive right for the purpose of drilling, mining, exploring by geophysical and other methods, and operating for and producing therefrom oil and all gas of whatsoever nature or kind, specifically including helium, carbon dioxide, and coalbed methane and any and all substances produced in association therewith from coal-bearing formations, dewatering of coalbed methane with ingress and egress for rights of way and easements for roads, laying pipe lines, water wells, disposal wells, injection wells, pits, electric and telephone lines and erection of structures and other facilities thereon to produce, save and take care of said products, all that certain tract of land situated in the County of Kansas, State of Kansas, described as follows, to-wit:

Township 7 South, Range 18 West, 6th P. M.  
Section 1: Lots 1, 2, S/2NE/4, N/2SE/4;

### THIS LEASE SUBJECT TO UNRECORDED LETTER AGREEMENT AND EASEMENT, RIGHT-OF-WAY, SURFACE USE AND SEISMIC PERMIT OF EVEN DATE.

together with any reversionary rights therein, and together with all riparian rights and strips or parcels of land, (not, however, to be construed to include parcels comprising a regular 40-acre legal subdivision or lot of approximately corresponding size) adjoining or contiguous to the above described land and owned or claimed by Lessor, and containing 239.94 acres, more or less ("Leased Premises").

1. It is agreed that this lease shall remain in force for a term of three (3) years from this date and as long thereafter as oil or gas of whatsoever nature or kind is produced from said Leased Premises or on acreage pooled, communitized or unitized therewith, or drilling operations are continued as hereinafter provided. If at the expiration of the primary term of this lease, oil or gas is not being produced on the Leased Premises or on acreage pooled, communitized or unitized therewith but Lessee is then engaged in drilling, re-working, re-completing, or dewatering operations thereon, then this lease shall continue in force so long as operations are being continuously prosecuted on the Leased Premises or on acreage pooled, communitized or unitized therewith; and operations shall be considered to be continuously prosecuted if not more than one hundred and twenty (120) days shall elapse between the completion or abandonment of one well and the beginning of operations for the drilling of a subsequent well. If after discovery of oil or gas on the Leased Premises or on acreage pooled, communitized or unitized therewith, the production or dewatering thereof should cease from any cause after the primary term, this lease shall not terminate if Lessee commences additional drilling, re-working or dewatering operations within one hundred and twenty (120) days from date of cessation of production, dewatering or from the date of completion of a dry hole. If oil or gas shall be discovered and produced as a result of such operations or dewatering operations are continued at or after the expiration of the primary term of this lease, this lease shall continue in force so long as oil or gas is produced or dewatering operations are continued from the Leased Premises or on acreage pooled, communitized or unitized therewith.

In the event a well or wells is drilled and completed on the Leased Premises, or on the lands pooled, communitized or unitized therewith, for the purpose of developing coalbed gas, the words "operations" and "capable of producing gas" shall mean, in addition to those matters covered in the preceding paragraph: (1) operations of said wells to remove water or other substances from the coalbed, or to dispose of such water or other substances, even though such operations do not result in the production of hydrocarbons in paying quantities, or (2) shutting-in or otherwise discontinuing production from said wells to allow for surface or underground mining affecting the drillsite or wellbore.

2. This is a PAID-UP LEASE. In consideration of the down cash payment, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term. Lessee may at any time or times during or after the primary term surrender this lease as to all or any portion of the Leased Premises, and as to any strata or stratum by delivering to Lessor or by filing for record a release or releases, and be relieved of all obligation thereafter accruing as to the acreage surrendered.

3. In consideration of the Leased Premises the said Lessee covenants and agrees:  
1<sup>st</sup> To deliver to the credit of Lessor, free of cost, in the pipe line to which Lessee may connect wells on the Leased Premises, the equal one-eighth (1/8) part of all oil produced and saved from the Leased Premises.  
2<sup>nd</sup> To pay Lessor on gas and casinghead gas produced from the Leased Premises (1) when sold by Lessee, one-eighth (1/8) of the net proceeds realized by Lessee from such sale or (2) when used by Lessee off the Leased Premises or in the manufacture of gasoline or other products, the market value, at the wellhead, of one-eighth (1/8) of such gas and casinghead gas; Lessor's interest, in either case, to bear one-eighth (1/8) of all post-production costs (i.e., all costs incurred once the product is brought to the wellhead from the subsurface) including but not limited to the cost of compressing, dehydrating and otherwise treating such gas or casinghead gas to render it marketable or usable and one-eighth (1/8) of the cost of gathering and transporting such gas and casinghead gas from the wellhead to the point of sale or use.

3<sup>rd</sup> In calculating royalties on production hereunder, Lessee may deduct Lessor's proportionate part of any ad valorem, production and excise taxes or other substances covered hereby, but such well or wells are the Lease Premises or lands pooled, communitized or unitized therewith are capable of producing oil or gas such well or wells shall nevertheless be deemed to be producing for the purpose of maintaining this lease. If for a period of ninety (90) consecutive days such well or wells are shut in or production therefrom is not sold by Lessee, including dewatering of coalbed gas, the Lessee shall pay an aggregate shut-in royalty of one dollar per acre then covered by this lease, such payment to be made to Lessor on or before the anniversary date of this lease next ensuing after the expiration of the said ninety (90) day period and thereafter on or before each anniversary of date of this lease while the well or wells are shut in or production therefrom is not being sold by Lessee; provided that if this lease is in its primary term or otherwise being maintained by operations, or if production is being sold by Lessee from another well on the Leased Premises or lands pooled, communitized or unitized therewith, no shut-in royalty shall be due until end of the next following anniversary date of this lease that cessation of such operations or production occurs, as the case may be. Lessee's failure to properly pay shut-in royalty shall render Lessee liable for the amount due, but shall not operate to terminate this lease.

4. If said Lessor owns a less interest in the Leased Premises than the entire and undivided fee simple estate therein, then the royalties (including any shut-in royalty) herein provided for shall be paid the Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.

5. Lessee shall have the right to use, free of cost, gas, oil and water produced on the Leased Premises for Lessee's operation thereon.

6.

7.

8.

9.

10.

Lessee shall have the right at any time to remove all machinery and fixtures placed on the Leased Premises, including the right to draw and remove casing.

11. The rights of Lessor and Lessee hereunder may be assigned in whole or part, by area and/or depth or zone and the rights and obligations of the parties hereunder shall extend to their respective heirs, devisees, executors, administrators, successors and assigns. No change in ownership of Lessor's interest (by assignment or otherwise) shall have the effect of reducing the rights or enlarging the obligations of Lessee hereunder, and no change in ownership shall be binding on Lessee until sixty (60) days after Lessee has been furnished with notice, consisting of certified copies of all recorded instruments or documents and other information necessary to establish a complete chain of record title from Lessor to the satisfaction of Lessee, and then only with respect to payments thereafter made. No other kind of notice, whether actual or constructive, shall be binding on Lessee. No present or future division of Lessor's ownership as to different portions or parcels of the Leased Premises shall operate to enlarge the obligations or diminish the rights of Lessee, and all Lessee's operations may be conducted without regard to any such division. In the event of death of any person entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to the credit of decedent or decedent's estate. If at any time two or more persons are entitled to shut-in royalties hereunder, Lessee may pay or tender such shut-in royalties to such persons either jointly, or separately in proportion to the interest which each owns. If Lessee transfers or assigns its interest hereunder in whole or in part Lessee shall be relieved of all obligations thereafter arising with respect to the transferred interest, and failure of the transferee to satisfy such obligations with respect to the transferred interest shall not affect the rights of Lessee with respect to any interest not so transferred. If Lessee transfers a full or undivided interest in all or any portion of the Lease Premises, the obligation to pay or tender shut-in royalties hereunder shall be divided between Lessee and the transferee in proportion to the net acreage interest in this lease then held by each.

12. Lessee, at its option is hereby given the right and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the Leased Premises and as to any one or more of the formations hereunder, to pool, communitize or unitize the leasehold estate and the mineral estate covered by this lease with other land, lease or leases in the immediate vicinity for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to such other land, lease or leases. Likewise, units previously formed to include formations not producing oil or gas, may be reformed to exclude such non-producing formations. The forming or reforming of any unit, pooled area or communitized area shall be accomplished by Lessee executing and filing of record a declaration of such unitization, pooling or communitization or reformation, which declaration shall describe the unit, pooled area or communitized area. Any unit, pooled area or communitized area may include land upon which a well has theretofore been completed or upon which operations for drilling have theretofore been commenced. Production, drilling, dewatering or reworking operations

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or a well shut-in for want of a market anywhere on a unit, pooled area or communitized area which includes all or a part of this lease shall be treated as if it were production, drilling, dewatering or reworking operations or a well shut-in for want of a market under this lease. In lieu of the royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive on production from the unit, pooled area or communitized area, royalties only on the portion of such production allocated to this lease; such allocation shall be that proportion of the unit, pooled area or communitized area production that the total number of surface acres covered by this lease and included in the unit, pooled area or communitized area bears to the total number of surface acres in such unit, pooled area or communitized area or as prescribed in such unit, pooling or communitization agreement. In addition to the foregoing, Lessee shall have the right to unitize, communitize, pool, or combine all or any part of the Leased Premises as to one or more of the formations thereunder with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions and provisions of this lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this lease shall not terminate or expire during the life of such plan or agreement. In the event that the Lessee Premises or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby the production therefrom is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and the royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any pooled area, communitized area, cooperative or unit plan of development or operation adopted by Lessee and approved by any governmental agency by executing the same upon request of Lessee.

13. Anything in this lease to the contrary notwithstanding, Lessee's obligations under this lease shall be subject to all applicable laws, rules, regulations and orders of any governmental authority having jurisdiction, including restrictions on the drilling and production of wells, and regulation of the price or transportation of oil, gas or other substance covered hereby. When drilling, reworking, production or other operations or obligations under this lease are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain necessary permits, equipment, services material, water, electricity, fuel, access or easements, or by an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public riot, lightning, fire, storm, flood or other act of nature, explosion, governmental action, governmental delay, restraint or inaction, or by inability to obtain a satisfactory market for production, or failure of purchasers or carriers to take or transport such production, or by any other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within control of Lessee, this lease shall not terminate because of such prevention or delay, and, at Lessee's option, the period of such prevention or delay shall be added to the term hereof. Lessee shall not be liable for breach of any provision or implied covenants of this lease when drilling, production, or other operations are so prevented or delayed.

14. No litigation shall be initiated by Lessor for damages, forfeiture or cancellation with respect to any breach or default by lessee hereunder, for a period of at least 90 days after Lessor has given Lessee written notice fully describing the breach or default, and then only if Lessee fails to remedy the breach or default within such time period. In the event the matter is litigated and there is a final judicial determination that a breach or default has occurred, this lease shall not be forfeited or cancelled in whole or in part unless Lessee is given a reasonable time after said judicial determination to remedy the breach or default and lessee fails to do so.

15. Lessor hereby warrants and agrees to defend the title to the Leased Premises, and agrees that the Lessee shall have the right at any time to redeem for Lessor, by payment, any mortgages, taxes or other liens on the Leased Premises, in the event of default of payment by Lessor and be subrogated to the rights of the holder thereof, and the undersigned Lessor's, for themselves and their heirs, successors and assigns, hereby surrender and release all right of dower and homestead in the Leased Premises described herein, insofar as said right of dower and homestead may in any way affect the purposes for which this lease is made, as recited herein, if Lessee redeems any such lien. Lessee may recover any amount expended out of Lessor royalties or shut-in royalties.

16. Should any one or more of the parties hereinabove named as Lessor fail to execute this lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor. The word "Lessor," as used in this lease, shall mean any one or more of all of the parties who execute this lease as Lessor. All the provisions of this lease shall be binding on the heirs, successors and assigns of Lessor and Lessee.

17. If Lessor, during the primary term of this lease, receives a bona fide offer from a third party to purchase from Lessor a lease covering any or all of the substances covered by this lease and covering all or a portion of the Leased Premises, with such lease to become effective upon expiration of this lease, which Lessor is willing to accept from the offering party, Lessor hereby agrees to notify Lessee in writing of said offer immediately, including in the notice the name and address of the offeror, the price offered and all other pertinent terms and conditions of the offer. Lessee, for a period of fifteen (15) days after the receipt of the notice, shall have the prior and preferred right and option to purchase the lease or part thereof or interest therein covered by the offer at the price and on the terms and conditions in the offer. All offers made up to and including the last day of the primary term of this lease shall be subject to the terms and conditions of this paragraph. Should Lessee elect to purchase the lease pursuant to the terms hereof, it shall so notify Lessor in writing by mail, telefax, or telegram prior to expiration of said fifteen (15) day period. Lessee shall promptly thereafter furnish to Lessor the new lease for execution by Lessor along with Lessee's sight draft (or check) payable to Lessor in payment of the specified amount as consideration for the new lease, such draft, if applicable, being subject to approval of title according to the terms thereof. Upon receipt thereof, Lessor shall promptly execute said lease and return same along with the draft to Lessor's bank of record for payment.

18. In the event this lease is not continued beyond the primary term by the provisions herein contained, Lessor hereby agrees that lessee, at its sole option, can renew any portion of this lease for an additional primary term of three years from the 7<sup>th</sup> day of March, 2010, and as long thereafter as oil and gas or either of them is produced from said land by Lessee, said renewal to be under the same terms and conditions as contained in this lease. Lessee may exercise this option to renew by tendering to Lessor an amount equal to the monetary consideration as was tendered to Lessor at the signing of this lease if paid on or before the 7<sup>th</sup> day of March, 2010.

IN WITNESS WHEREOF, this instrument is executed as of the date first above written.

Fort Hays State University Endowment Association, a Not-For-Profit Corporation

X Tim D. Chapman  
Tim D. Chapman, President and CEO

ACKNOWLEDGMENT-CORPORATE

STATE OF KANSAS  
COUNTY OF Ellis } 8

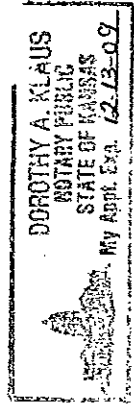
The foregoing instrument was acknowledged before me this 13 day of April, 2007 by Tim D. Chapman

as President and CEO, of Fort Hays State University Endowment Association, a Not-For-Profit Corporation, and that the foregoing instrument was signed on behalf of said corporation by authority of its Board of Directors and said President acknowledged before me that said corporation executed the same.

Witness my hand an official seal.

My Commission Expires 12-13-2009

Dorothy A. Klaus  
Notary Public



*Handwritten:* 12-13-09