KOLAR Document ID: 1416629

For	ксс	Use:
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Effective	Dat
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District	#	

	1	
SGA?	Yes	No

Form

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form C-1 March 2010 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

KSONA-1, Certification of Com	pliance with	the Kansas	Surface Owner	Notification Act, I	MUST be submitted with this for	m.

Expected Spud Date:	Spot Description:
OPERATOR: License#	(^(0/0/0/0) Sec Twp S. R E □ W feet from □ N / □ S Line of Section feet from □ E / □ W Line of Section
Name:	Is SECTION: Regular Irregular?
Address 1:	
Address 2:	(Note: Locate well on the Section Plat on reverse side) County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment: Oil Enh Rec Infield Mud Rotary Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic ; # of Holes Other Other:	Nearest Lease or unit boundary line (in footage):
Directional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
If Yes, true vertical depth:	DWR Permit #:
Bottom Hole Location:	(Note: Apply for Permit with DWR)
KCC DKT #:	Will Cores be taken?
	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.

For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required _	feet per ALT. I
Approved by:	
This authorization expires: (This authorization void if drilling no	ot started within 12 months of approval date.)
Spud date:	Agent:

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- 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 well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

ш

Well will not be drilled or Permit Expired Date: _ Signature of Operator or Agent: For KCC Use ONLY

API # 15 -_

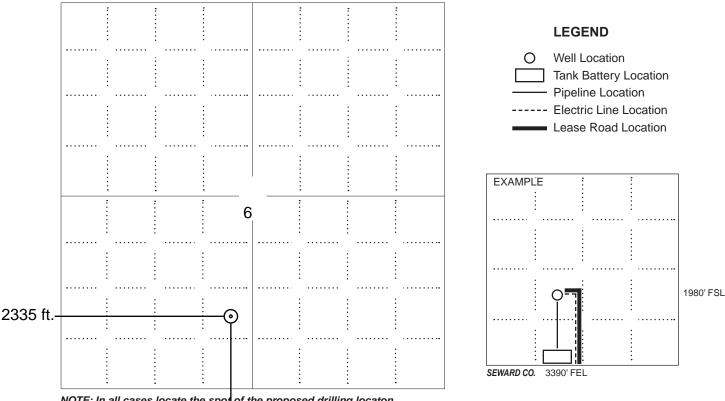
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	Sec Twp S. R E 📃 W
Number of Acres attributable to well:	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. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired.



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

993 ft.

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).
- 5. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

Side Two

KOLAR Document ID: 1416629

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 May 2010 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:	Pit is:		·
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section
		(bbls)	County
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?
		No	
Pit dimensions (all but working pits):	-		Width (feet)N/A: Steel Pits
Depth fro	m ground level to dee	epest point:	(feet) No Pit
material, thickness and installation procedure.			iciuding any special monitoring.
		Depth to shallo Source of infor	west fresh water feet. nation:
feet Depth of water wellfeet		measured	well owner electric log KDWR
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:
Producing Formation:		Type of materia	l utilized in drilling/workover:
Number of producing wells on lease:		Number of wor	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment	procedure:
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		Drill pits must b	e closed within 365 days of spud date.
Submitted Electronically			
Date Received: Permit NumI	per:	Permi	Liner Steel Pit RFAC RFAS
			·

KOLAR Document ID: 1416629

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

	Form KSONA-1
	January 2014
Form	Must Be Typed
Form I	nust be Signed
All blanks	must be Filled

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 #	Well Location:		
Name:			
Address 1:	County:		
Address 2:	Lease Name: Well #:		
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of		
Contact Person:	the lease below:		
Phone: () Fax: ()			
Email Address:			
Surface Owner Information:			
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional		
Address 1:	 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 		
Address 2:	county, and in the real estate property tax records of the county treasurer.		
City: State: Zip:+			

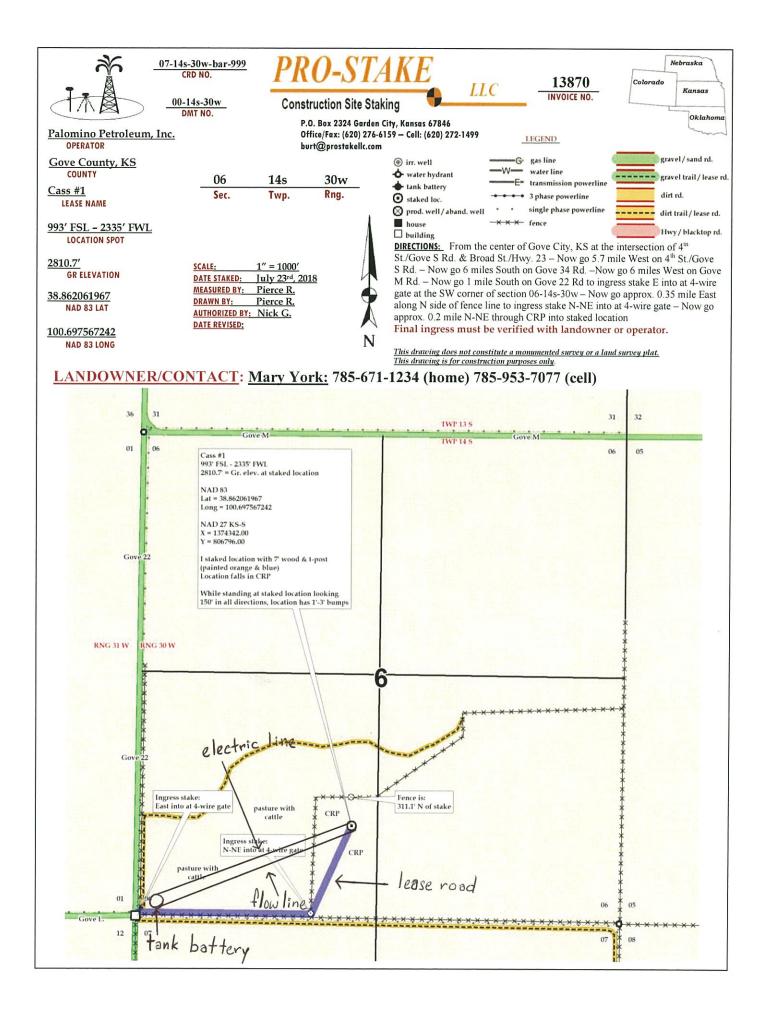
If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary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

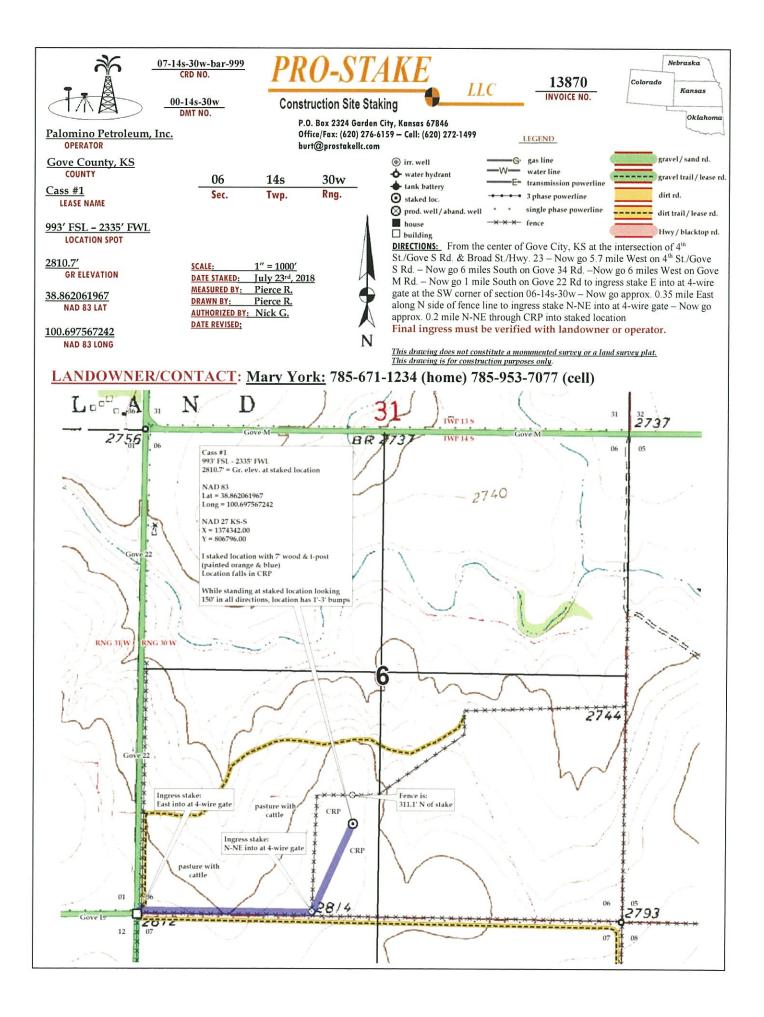
Select one of the following:

- □ 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.

Submitted Electronically





OIL AND GAS LEASE

AGREEMENT, Made and entered into effect Mary H. York,	ctive the <u>19th</u> day of <u>S</u>	eptember 2016, by	and between
Mary H. York Trust dated January 14, 2	009		
			· · · · · · · · · · · · · · · · · · ·
whose mailing address is 420 Sunrise - Oakley, K:	ansas 67748		
hereinafter called Lesser (whether one or more), and	Ritchie Exploration	Inc - PO Pox 7911	PP Wäshing Passas (2020 2100

hereinalter cauled Lessor (whether one or mare), and <u>Rifebie Exploration, Inc. - PO Box 783188, Wichita, Kansas, 67278-3188</u> hereinafter called Lessee

Lessor, in consideration of One and more Dollars (\$1.00-) in band paid, receipt of which is here acknowledged and of 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 by geophysical and other means, prospecting, drilling, mining and operating for and producing oil, liquid hydrocarbons, all gases, and their respective constituent products, injecting gas, water, oliter fluids, and air into subsurface strata. Jaying pipe lines, storing oil, building tanks, power stations, telephone lines, and other structures and their tespective constituent products and other products manufactured therefrom, and houring and otherwise caring for its employees, the following described land, together with any revensionary rights and after-acquired interest therein, situated in the County of <u>GOVE</u>. State of <u>NANSAS</u>, described as follows, to-wit

Township.14 South, Range 30 West Section 6: SW/4 (a/d/a Lot 6 [39.12 acres], Lot 7 [39.17 acres], and E/2SW/4) Section 6: SE/4

and containing 318.29 acres, more or less, and all accretions thereto

- 1 Subject to the provisions herein contained, this fease shall remain in force for a term of <u>Two (2) Years</u> from the effective date (called "primary term"), and as long thereafter as oil, liquid hydrocarbons, gas or other respective constituent products, or any of them, is produced from said land or land with which said land is peoled.
- In consideration of the premises the said Lessee covenants and agrees.

1st. To deliver to the credit of Lessor, free of cost, in the pipe line to which Lesson may connect wells on said land, the equal five thirtyseconds (5/32) part of all ail produced and saved from the leased premises.

2nd. To pay Lessor for gas of whatsoever nature or kind produced and sold, or used off the premises, or used in the manufacture of any products therefrom, five thirty-seconds (5/32) at the market price at the well, (but, as to gas sold by Lesse; in no event more than five thirtyseconds (5/32) 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 toyahy. One Dollar (S1.60) per year per net mineral acter 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 effect as if such well had been completed within the term of years first mentioned.
- 4 If said Lessor owns a less interest in the above described land than the entire and undivided fee simple extate therein, then the royalises herein provided for shall be paid the said Lesser only in the propertion 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 said land for Lessee's operation thereon, except water from the wells of Lesser.
- 6 When requested by Lessor. Lessee shall bury Lessee's pipe lines below plow depth.
- 2 No well shall be drifted nearer than 200 feet to the house or barn now on said premises without written consent of Lessor
- 8 Lessee shall pay for damages caused by lessee's operations to growing crops on said land.
- 9 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 easing
- 10 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 heits, 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 ease Lessee statistics, successors and the relevant of all obligations with respect to the ussigned portion or portions arising subsequent to the date of assignment.
- 11 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.

This space reserved for use by the Register of Deeds for recording purposes:



STATE DF KANSAS, GOVE COUNTY SS REDISTER OF DEEDS Book: 198 Page: 951-952 Receipt ": 24683 Pages Recorded: 2 Recording Fee: \$26.00 Crighter State

Date Recorded: 10/3/2016 11:53:12 AM

- All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this 12 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 13 to redeem for Lessor, by payment any mongages, taxes or other liens on the above described lands, in the event of default of payment by Lesser, and be subrogated to the rights of the holder thereof, and the undersigned Lessors, for themselves and their heirs, successors and assigns, hereby surrender and release all right of dower and homestead in 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 14 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 or units not exceeding 640 acres each in the event of a gas well. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and desembing 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 peopled 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 fieu 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
- 15. Lessee, or its assigns, agrees to consult with Lessor regarding routes of ingress and egress prior to commencing operations.
- 16. 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 and contour as nearly
- 17. In the event of drilling operations on the leased premises, Lessee or assigns agree to backfill all slush pits when dried. level the location and restore the surface to its original condition as nearly as is practicable. Lessee or assigns agree to pay for all damages of any nature arising from its operations on said lands.
- 18. It is understood and agreed that upon termination of production on this lease, all equipment of Lessee shall be removed within six (6) months and all sites shall be restored to their original condition as nearly as is practicable.
- 19. A sufficient dike shall be placed around tank batteries. Tank batteries and pumping equipment units shall be fenced to restrain cattle to pastures or on ground that Lesson grazes cattle on milo or corn stalks or wheat. Lessee or assigns agree to comply with all applicable Federal, State, and Local laws and regulations.
- 20. In the event Lessee fails to commence drilling operations on or before the one-year anniversary date of this lease. Lessee shall be obligated to pay to Lessor the sum of ten dollars (\$10.00) per net mineral acre covered by this lease.

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

the Mary H. York Trust dated January 14, 2009, BY:

When Recorded, Repairs 12: RITCHIE EXPLORATION, INC 8100 E. 22nd ST. N., #700 WICHITA, KS 67226-2328

State ofKANSAS County ofLOGAN The forgoing instrument was acknowledged before me this	(Individual Acknowledgement)
Mary H. York, Mary H. York Trust dated January 14, 2009	as Trustee of the
My commission capitation of the second secon	SIS CONTRACTOR AND CONTRACTOR

Page 2 of 2