

For KCC Use:	
Effective Date:	
District #	
SGA? Yes No	

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

Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R
OPERATOR: License#	feet from N / S Line of Sectio
Name:	feet from E / W Line of Sectio
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Note: Locate well on the Section Plat on reverse side)
City:	County:
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
Name:	Target Formation(s):
	Nearest Lease or unit boundary line (in footage):
Well Drilled For: Well Class: Type Equipment:	Ground Surface Elevation:feet MSI
Oil Enh Rec Infield Mud Rotary	
Gas Storage Pool Ext. Air Rotary	Water well within one-quarter mile: Yes No
Disposal Wildcat Cable	Public water supply well within one mile: Yes No
Seismic ; # of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
If OWWO: old well information as follows:	Surface Pipe by Alternate: I II
	Length of Surface Pipe Planned to be set:
Operator:	Length of Conductor Pipe (if any):
Well Name:	Projected Total Depth:
Original Completion Date: Original Total Depth:	Formation at Total Depth:
Directional, Deviated or Horizontal wellbore?	Water Source for Drilling Operations:
Directional, Deviated or Horizontal wellbore? Yes No If Yes, true vertical depth:	Well Farm Pond Other:
Bottom Hole Location:	DWR Permit #:
KCC DKT #:	(Note: Apply for Permit with DWR)
	Will Cores be taken? Yes No
	If Yes, proposed zone:
AFI	IDAVIT
	prince of this well will possess with K.C.A. EE at one
The undersigned hereby affirms that the drilling, completion and eventual plu	gging of this well will comply with K.S.A. 55 et. seq.
The undersigned hereby affirms that the drilling, completion and eventual plut is agreed that the following minimum requirements will be met:	gging 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 <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1	drilling rig; by circulating cement to the top; in all cases surface pipe <i>shall be set</i> e underlying formation. rict office on plug length and placement is necessary <i>prior to plugging;</i> ed or production casing is cemented in; d from below any usable water to surface within <i>120 DAYS</i> of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing
 It is agreed that the following minimum requirements will be met: Notify the appropriate district office <i>prior</i> to spudding of well; A copy of the approved notice of intent to drill <i>shall be</i> posted on each The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the If the well is dry hole, an agreement between the operator and the dist The appropriate district office will be notified before well is either plugg If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be 	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging ; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date.
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be	drilling rig; by circulating cement to the top; in all cases surface pipe <i>shall be set</i> e underlying formation. rict office on plug length and placement is necessary <i>prior to plugging;</i> ed or production casing is cemented in; d from below any usable water to surface within <i>120 DAYS</i> of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. <i>In all cases, NOTIFY district office</i> prior to any cementing.
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set a underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. Remember to:
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 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;
t is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 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;
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be submitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 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;
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 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;
It is agreed that the following minimum requirements will be met: 1. Notify the appropriate district office <i>prior</i> to spudding of well; 2. A copy of the approved notice of intent to drill <i>shall be</i> posted on each 3. The minimum amount of surface pipe as specified below <i>shall be set</i> through all unconsolidated materials plus a minimum of 20 feet into the 4. If the well is dry hole, an agreement between the operator and the dist 5. The appropriate district office will be notified before well is either plugg 6. If an ALTERNATE II COMPLETION, production pipe shall be cemente Or pursuant to Appendix "B" - Eastern Kansas surface casing order #1 must be completed within 30 days of the spud date or the well shall be ubmitted Electronically For KCC Use ONLY API # 15	drilling rig; by circulating cement to the top; in all cases surface pipe shall be set e underlying formation. rict office on plug length and placement is necessary prior to plugging; ed or production casing is cemented in; d from below any usable water to surface within 120 DAYS of spud date. 33,891-C, which applies to the KCC District 3 area, alternate II cementing plugged. In all cases, NOTIFY district office prior to any cementing. 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;

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Spud date: _

please check the box below and return to the address below.

Well will not be drilled or Permit Expired	Date:
Signature of Operator or Agent:	

Side Two



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:					Loc	ation of W	/ell: County:
Lease:							feet from N / S Line of Section
Well Number:							feet from E / W Line of Section
Field:					Sec	D	Twp S. R
Number of Acres attributa QTR/QTR/QTR/QTR of ac					- Is S	Section:	Regular or Irregular
					If S	ection is	Irregular, locate well from nearest corner boundary.
						ction corne	
			d electrical l	ne neares ines, as r	required by		dary line. Show the predicted locations of as Surface Owner Notice Act (House Bill 2032). ired.
					2	2187 ft.	
		:		:			LEGEND
•••••			•••••				Well Location
	:	:					Tank Battery Location
:	÷	:	:				—— Pipeline Location
							-
	:	:	:				Electric Line Location
		:	:				Lease Road Location
	••••		•••••				
	:	:			\odot		– 750 ft.
	:	:					EXAMPLE : :
•	•	<u>. </u>		•	•		
		2	:				
		:	:	:			: : :
•••••	••••		•••••		• • • • • • • • • • • • • • • • • • • •		
	:		:				: : : :
:	:	:	:	:			
	:	:	:	······· :			1980' FSL
 		: :		 :			
:	:	:	:	:	:		SEWAPD CO 3390' FEI

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

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.



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

049658

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: Emergency Pit Burn Pit Settling Pit Drilling Pit Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled) Is the pit located in a Sensitive Ground Water A		Existing nstructed: (bbls)	SecTwpR East WestFeet from North / South Line of SectionFeet from East / West Line of SectionCounty Chloride concentration: mg/l(For Emergency Pits and Settling Pits only)
Is the bottom below ground level?	Artificial Liner? Yes N	No	How is the pit lined if a plastic liner is not used?
	Length (fee		Width (feet)
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		dures for periodic maintenance and determining any special monitoring.
Distance to nearest water well within one-mile of	of pit:	Depth to shallo Source of infor	west fresh water feet. mation:
feet Depth of water well	feet	measured	well owner electric log KDWR
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:
Producing Formation:		Type of materia	al utilized in drilling/workover:
Number of producing wells on lease:		Number of work	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment	procedure:
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	·	be closed within 365 days of spud date.
Submitted Electronically	- · · ·		
	KCC	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No



Kansas Corporation Commission Oil & Gas Conservation Division

1049658

Form KSONA-1
July 2010
Form Must Be Typed
Form must be Signed
All blanks must be Filled

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application).

Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (C	Cathodic Protection Borehole Intent)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R
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:+	
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat in the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
I certify that, pursuant to the Kansas Surface Owner Notice Adowner(s) of the land upon which the subject well is or will be lo CP-1 that I am filing in connection with this form; 2) if the form b form; and 3) my operator name, address, phone number, fax, are	ct (House Bill 2032), I have provided the following to the surface potential: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form the being filed is a Form C-1 or Form CB-1, the plat(s) required by this end email address. 1) cknowledge that, because I have not provided this information, the
KCC will be required to send this information to the surface ow	ner(s). To mitigate the additional cost of the KCC performing this fee, payable to the KCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	fee with this form. If the fee is not received with this form, the KSONA-1 1 will be returned.
Submitted Electronically	

63U (Rev. 1993)

OIL AND GAS LEASE

AGREEMENT, Made and entered into the 25 th day of January
by and between MICHAEL J. YOUNGER and SARAH L. YOUNGER, husband and wife
whose mailing address is Rural Route 1, Box 102, Bison, Kansas 67520 hereinafter called Lessor (whether one or more), Samuel Gary Jr. & Associates, Inc. 1670 Broadway, Suite 3300. Denver CO 80202
Do lease frocard hone It uent puired
therein situated in County of Ransa State of Kansas described as follows to-write
PROPERTY DESCR
the provisions herein contained, this lease shall remain in force for a term of irocarbons, gas or other respective constituent products, or any of them, is product to the provisions hereof.
In consideration of the premises the said lessec covenants and agrees: 1st. To deliver to the credit of Lessor, free of cost, in the pipe line to which Lessee may connect wells on said land, the equal one-eighth (1/8) part of all oil produced and sawed from the leased premises.
Lessor for gas, (including casinghead gas) of whatsoever nature or kind produced and sold, or used off the premises, or used in the manufacture of any products there he market price at the well, (but, as to gas sold by Lessee, in no event more than one-eighth (1/8) of the net proceeds received by Lessee from such sales, such net pronounts part of the production, severance, or other excise taxes and the cost incurred by Lessee in deliviering treating for the removal of nitrogen, helium or other impurit compressing, or otherwise making any such gas merchantable) for the gas sold, used off the premises, or in the manufacture of products therefrom, said navments
This lease may be maintained during the primary term hereof without further payment or drilling operations. If at the expiration of the primary term of this lease, oil or gas is not being as operations are being continuously prosecuted on the leased premises or on acreage pooled or unitized therewith; and operations shall be continuously prosecuted on the leased premises or on acreage pooled or unitized therewith; and operations shall be considered to be continuously prosecuted find more almost an one bundred and twenty (120) days shall etapse between the completion or abandomment of one well and the beginning of operations for the drilling of a subsequent well. If after lesses commences additional drilling or reworking operations within one hundred and twenty (120) days from the date of cessation of production or from the date of completion of a day hole, acreage pooled or unitized therewity, the production should cases after the primary term, this lease shall not terminate if if oil or gas shall be discovered and produced as a result of such operations, this lease shall continue in full force and effect so long as oil or gas is produced from the leased premises or on acreage pooled or unitized therewith.
If after the primary term one or more wells on the lease premises or lands pooled or untitzed therewith are capable of producing oil or gas or other substances covered hereby, but such for a period of minety (90) consecutive days such well or wells are shut in or production therefrom is not being sold by Lessee, shall nevertheless be deemed to be producing for the purpose of maintaining the lease. If per accert the or producing for the purpose of maintaining the lease. If per accert the per such well or wells are shut in or production therefrom is not sold by Lessee, the Lessee shall pay an aggregate shut-in royalty of One Dollar (\$1.00) thereafter on or before each antiversary 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 of the hunties of the production is being sold by Lessee from another well on the leased premises or lands produced that if this lease is in its primary term due until the end of the next following anniversary date of this lease that esseations or production occurs, as the case may be. Lessee's falliure to properly pay shut-in royalty shall be shall render Lessee is failure to properly pay shut-in royalty.
If said Jessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties (including any shut-in royalties) herein provided fee.
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 lessor. When requested by 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 now fore damages remosed by homore, and the second statement of the second statement o
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 casino
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, a written transfer or assignment or a true copy thereof. In case lessee assigns this lease, in whole or in part, lessee shall be binding on the lessee until after the lessee has been furnished with 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 restrictions on the drilling and production of wells, and regulation of the price of transportation of of lags are of the result of any such Law, Order, Rule or Regulation, including operations or obligations under this lease are prevented or delayed by such laws, rules, regulations or orders, or by inability to obtain an ecessary permits, equipment, services, material, water, other act of such and of the companies, or by an act of God, strike, lockout, or other industrial disturbance, act of the public enemy, war, blockade, public role, lightening, fire, storm, flood or take for transports such production, or by any other cause, whether of the kind specifically emmerated above or otherwise, which is not reasonably within control of Lessee, this lease shall not provention or delay, and, at Lessee's so prion, the period of such prevention or delay, and law is such period of such prevention or delay, and such or period such prevention or delay, and such period of such prevention or delay, and such or period such prevention or delay, and such or period such or prevention or delay and be period of such prevention or delay and be added to the term hereof. Lessee shall not be liable for breach of any
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 for lessor, by payment any 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 bereby given the right and power to pool, unitize or combine the acreage covered by this lesse or any portion thereof with other land, lesse or leases in the gas or other minerals and under and that may be produced from said premises, such pooling or unitization to be of tracts contiguous to one another and to be into a unit or units not exceeding the county in which the land here in leased is situated an instrument identifying and describing the pooled or unitized acreage. The entire acreage so pooled or unitized another and that may be tracted, in the event of an oil well. Or into a unit or units not exceeding 640 acres seal in the event of a gas well. Lessee shall exceed in writing and record in the conveyance records of the county in which the land here in leased is situated an instrument identifying and describing the pooled or unitized acreage. The entire acreage so pooled or unitized and in the production is found on the pooled or unitized acreage. The entire acreage is a bad from this lease, whether the well or wells well or wells the premises covered by this lease or not. In lea of the royalties cleave the particular unit involved.

This lease may be signed in any number or numbers of counterparts and shall be effective as to each Lessor on execution hereof as to his or her interest and shall be binding on those execute this lease as Lessor, although not named above.

Lessee shall have the exclusive right to explore the land herein described by geological, geophysical or other methods, whether similar to those herein specified or not and whether now of securing geological instruments, tests or procedures, for the purpose selection and geophysical information. All information obtained by Lessee as a result of such activity shall be the exclusive property of Lessee, and Lessee may disseminate or associated without Lessor's consent. Lessor and Lessee herein agree that a portion of the consideration paid herein is for advance payment of usual and outsionary damages should occur, at Lessor's discretion, Lessor or its tenant (if Lessor has a tenant) will be compensated accordingly, or Lessee may elect to repair the damages in lieu of compensation.

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF FOR ADDITIONAL TERMS AND PROVISIONS.

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

Witnesses:

SARAH L. YOUNGER

MICHAEL J. YOUNGER

a)

COUNTY OF The foregoing instru	ment	Rush was acknowledged before me	edged before	this	ACKNOWLEDGMENT 25 day of	day of	FOR INDIVIDUAL (KsOkÇoNe) January and Sarah L.	L (KsOkçol	unoz	2007 ger	
My commission expires	ion expires	July	15, 20	800	ette (22) ette (2000)	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)					
STATE OF _				*(T)	MOTARY PURING TABLES D. MY VERIL ELECTOR ACKNOWLE	ACKNOWLEDGMENT FOR	James I	y Fublic). Ti (KsOkC	611	III	
The foregoing i	nstrument	was acknowledged	dged before me	me this	q	day of	pun				
My commission	ion expires						Not	Notary Public			
STATE OF COUNTY OF The foregoing	nstrument	was acknowledged	before	me this	CKNOWLE	CEDGMENT FO	ACKNOWLEDGMENT FOR INDIVIDUAL	L (KsOkCoNe)	(e)	=	
My commission	ion expires				5	545	and —				
S S S S S S S S S S S S S S S S S S S							Notary	ary Public			
COUNTY OF The foregoing	instrument	was acknowledged	dged before	A me this	CKNOWLED	DGMENT FO	ACKNOWLEDGMENT FOR INDIVIDUAL	L (KsOkCoNe)	de)		
My commission expires	on expires										
							Notary	ary Public			
OIL AND GAS LEASE	MORA	OT	a) a	Section Twp. Term Mge.	County	STATE OF County	This instrument was filed for record on the Acth day of October M., and daly recorded	in Book) See 69 of this office. the records of this office.	Ry # 694	When recorded, return to	1
							**			511106	
STATE OF COUNTY OF	**			:	CKNOWLE	DGMENT FO	ACKNOWLEDGMENT FOR CORPORATION	ON (KSOkCoNe)	11.5 ONe		
Lne ioregoing by of	Instrument	was acknowledged	before	me this		ay of					
corporation, on behalf of the My commission expires	on behalf of t	he corporation,	ċ		5						
							No	Notary Public			

GIN, HED KOTA

EXHIBIT "A"

Attached to and made a part of that Certain Oil and Gas Lease dated January 25, 2007, by and between, MICHAEL J. YOUNGER, ET UX, as Lessor, and SAMUEL GARY, JR. ASSOCIATES, INC., as Lessee.

PROPERTY DESCRIPTION:

TOWNSHIP 16 SOUTH - RANGE 17 WEST

SECTION 2:

TRACT 1:

That certain tract or parcel of land estimated to contain 32.00 acres, more or less, and being described as the South Thirty-Two (32.00) acres of the Northeast Quarter (NE/4) of Section 2, Township 16 South, Range 17 West, Rush County, Kansas.

TRACT 2:

That certain tract or parcel of land estimated to contain 160.00 acres, more or less, and being described as the Southeast Quarter (SE/4) of Section 2, Township 16 South, Range 17 West, Rush County, Kansas.

The total aggregate of Tracts 1 and 2 contain 192.00 acres, more or less.

It is the intention of this lease to cover and include any mineral interest which the Lessor may own in and to the above described tract, including streets, roads, canals, drainage ditches, rights of way or other servitudes, including, but not limited to, any reversionary interest which Lessor may acquire in the same, by prescription of nonuse.

ADDITIONAL TERMS AND PROVISIONS:

- The provisions of this **EXHIBIT** "A" shall control and supersede the terms of the attached oil and gas lease when such terms conflict.
- Lessee shall bury and maintain all pipelines below ordinary plow depth (36"). 7
- Lessee shall pay all damages to crops, including grass, and restore as nearly as practical, said premises to the same conditions and contour as previously existed, upon termination of this lease. eri
- the lease. In the event Lessee exercises this option, Lessee must renew all Should this option be exercised as herein provided, it shall be considered Lessee is hereby granted the option to extend the primary term of this lease for an additional two (2) years from the expiration of the original primary term. This option may be exercised by Lessee, in total, on or before the expiration date of lease by paying and delivering to Lessor at the above address, the sum of \$15.00 per acre covered by the lease. In the event Lessee exercises this option, Lessee must renew all for all purposes as though this lease originally provided for a term of five (5) years. acreage covered by this lease. 4.
- In addition to the other provisions set forth herein, it is agreed and understood, the Lessee shall pay all damages caused by Lessee in investigating, exploring by geophysical and other means, drilling or operating for production of oil or gas upon the subject land that is enrolled in the Conservation Reserve Program including but not limited to all liquidated damages, all repayment of annual payments, all repayment of cost share for cover crop, all repayments for cost share for grass seed and planting thereof, and any and all payments of penalty or interest together with all loss of payments through the Conservation Reserve Program. These payments would be in addition to other damage provisions provided in this lease. S
- Lessee agrees not to damage, destroy or remove any tress now located on the above described tract of land without prior written consent of Lessor. 6

OIL AND GAS LEASE

AGREEMENT, Made and entered into the 13th day of July 2006, berein represented by Ploris E. Dome and Bernadette F. Dome as trustees
whose mailing address is 2603 South County Line Road, Bison, Kansas 67520 hereinafter called Lessor (whether one or more), and 1670 Broadway, Suite 3300, Denver, CO 80202 hereinafter called Lessee:
ration of Ten and Other royalties herein provided and of the agre and other means, prospecting drilling, m da air into subsurface strats, laying pipe 1, process, store and transport said oil, list s employees, the following described land
whose mailing address is 2603 South County Line Road, Bison, Kansas 67520 hereinafter called Lessor (whether one or more), and 1670 Broadway, Suite 3300, Denyer, CO 80202 Lessor, in consideration of Ten and Other Valuable Considerations acknowledged and of the royalites herein provided and of the agreements of the lessee herein contained, hereby grants, leases and lets exclusively unto lessee for the purpose of investigating, gas, water, other fluids, and air into subsurface strata, laying pipe lines, storing oil, building thydrocarbons, all gases, and their respective constituent products and other means prospecting drilling, mains and operating for and producing, telephone lines, and other structures and things thereon to products, sujecting care of treat, manufacture, process, store and transport said oil, liquid hydrocarbons, gases and their respective constituent products and other products manufactured therefron, and housing therein situated in County of Rush State of Kansas State of Kansas State of Kansas State of Arranched and the PART HEREOF FOR PROPERTY DESCRIPTION.
whose mailing address is Samuel Gary Jr. & Associates, Inc. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessor (whether one or more), 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite 3300, Denver, CO 80202 Acreinafter called Lessee. 1670 Broadway, Suite College and of the agreements of the lessee herein contained, hereby grants, lessees and less exclusively unto lessee for the purpose of investigating, gas, water, other fluids, and air into subsurface strata, laying pipe lines, storing oil, building tanks, power stations, lesphone lines, and other structures and thrangs thereon to produce, save, take and other structures and thrangs thereon to produce, save, take and other structures and three spective constituent products and other products manufactured thereform, and housing therein situated in County of Rush Rush State of Rush Range State of Ranges State of Township Sta

of numer injunctions, gas or ourse pursuant to the provisions hereof.

covenants and ag In consideration of the premises the said lessee

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

gas) of whatsoever nature or kind produced and sold, or used off the premises, or used in the manufacture of any proc gas sold by Lessee, in no event more than one-eighth (1/8) of the net proceeds received by Lessee from such sales, su , or other excise taxes and the cost incurred by Lessee in delivering, treating for the removal of nitrogen, helium or oth y such gas merchantable) for the gas sold, used off the premises, or in the manufacture of products therefrom, said 2nd. To pay Lessor for gas, (including easinghead g one-eighth (1/8), at the market price at the well, (but, as to g be less a proportionate part of the production, severance, the gas, processing, compressing, or otherwise making any made monthly.

This lease may be maintained during the primary term hereof without further payment or drilling operations. 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 or unitized therewith but Lessee is then engaged in drilling, reworking operations thereon, then this lease shall continue in force so long than occurrence or continuously prosecuted in or marrage procled 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 abandoment of one well and the beginning of operations for the drilling of a subsequent well. If after Lessee commences additional drilling or reworking operations within one hundred and ecase from any cause after the primary term, this lease shall not terminate if If oil or gas shall be discovered and remark of such operations, this lease shall continue in full force and effect so long as oil or gas is produced from the leased premises or on

If after the primary term one or more wells on the lease premises or lands pooled or unitized therewith are capable of producing oil or gas or other substances covered hereby, but such for wells are either shut in or production therefrom is not being sold by Lessee, and well or wells shall nevertheless be deemed to be producing for the purpose of maintaining the lease. If for a zer then covered by this lease, such payment to be made to Lesson on or before the anniversacy date of this lease shall pay an aggregate stude in cyally of One Dollar (§1.100) fibereafter on or before each anniversary date of this lease while the well or wells are shut in or production in 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 or unitized therewith, no shur-in royalty shall be all main the end of the next following amiversary date of this lease that cessation of such operations or production occurs, as the case may be. Lessee's failure to property pay shur-in royalty shall be all all render Lessee fiable for the amount due, but shall not operate to terminate this lease.

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

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

and remove including the right to draw 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 t

If the estate of either party hereto is assigned, and the privilege of assigning in whole or in part is expressly allowed, the coverants hereof shall extend to their heirs, executors, successors or assigns, but no change in the ownership of the land or assignment of remais 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 provious 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 restrictions on the drilling and production of wells, and regulation, including restrictions or the control of the price or transportation of oil, gas or other substance covered hereby. When drilling, reworking, production or other present is lease are prevented or delayed by such laws, rules, regulations or others, or by inability to obtain necessary permits, services, anternal, water, explosion, governmental action, governmental delay, restraint or inaction, or by inability to obtain a satisfactory market for production, or by other cause, whether of the kind specifically enumerated above or otherwise, which is not reasonably within countrol of Lessee's equion, the period of such prevention or delay, and, at Lessee's equion, the period of such prevented or delayed by such research prevented or delayed by such a content of the work of the period of such prevented or delayed by such a service of the final sease when drilling, production, or other operations are so prevented or delayed. Lessee shall not be liable for breach of any prevention or implied covenants of this lease when drilling, production, or other operations are so prevented or delayed.

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 for lessor, by payment any timeset stares or other liens on the above described lands, in the event of default of payment by lessor, 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, unitize or combine the acreage covered by this lease or any portion thereof with other land, lease or leases in the gas or other minerals in and under and that may be produced from said premises, such pooling or unitization to be of tracts contiguous to one another and to be into a unit or units not exceeding 640 scress each in the event of an oil well, or into a unit or units not exceeding 640 scress each in the event of an oil well, or into a unit or units not exceeding 640 scress each in the event of an oil well, or into a unit or units not exceeding 640 scress each in the event of an oil well, or into a unit or units of exceeding 640 scress each in the event of an oil well, or into a unit or units of exceeding 640 scress each in the event of an oil well, or into a unit or units of exceeding 640 scress each in the event of an oil well, or into a unit or units of exceeding 640 scress each in the event of an oil well, or into a unit or units of exceeding 640 scress each in the event of exceeding each exceeding 640 scress each in the event of exceeding each exceeding 640 scress each in the event of exceeding each exceedi

This lease may be signed in any number or numbers of counterparts and shall be effective as to each Lessor on execution hereof as to his or her interest and shall be binding on those signing, notwithstanding some of the Lessors above named who may not have joined in the execution hereof. The word "Lessor" as used in this lease shall mean the party or parties who execute this lease as Lessor, although not named above.

Lesses shall have the exclusive right to explore the land herein described by geological, geophysical or other methods, whether similar to those herein specified or not and whether now of securing geological instruments, tests or procedures, for the purpose of securing geological instruments, tests or procedures, for the purpose soll such including the drilling of holes, use of torsion balance, seismograph explosions, magnetometer, or other geophysical or geological instruments, tests or procedures, for the purpose soll such information without Lessors and Lessee herein agree that a portion of the consideration paid herein is for advance payment of usual and eustomacy damages associated with seismograph operations (ie: tire tracks in the wheat pasture or field, road use, compaction etc.) If any extraordinary damages should occur, at Lessor's discretion, Lessor or its transit will be compensated accordingly, or Lessee may elect to repair the damages in lieu of compensation.

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF FOR ADDITIONAL TERMS AND PROVISIONS.

IN WITNESS WHEREOF, the undersigned execute this instrument as of the day and year first above written. DOME LIVING 1

JVING TRUST dated May 17, 2000, herein and by Floris E. Dome, as trustee

DOME LIVING TRUST dated Interesented by Bernadotte E. Do

EXHIBIT "A"

Attached to and made a part of that Certain Oil and Gas Lease dated July 13, 2006, by and between, DOME LIVING TRUST dated May 17, 2000, as Lessor, and SAMUEL GARY, JR. & ASSOCIATES, INC., as Lessee.

PROPERTY DESCRIPTION:

TOWNSHIP 16 SOUTH - RANGE 17 WEST

SECTION 2:

That certain tract or parcel of land estimated to contain <u>96.00</u> acres, more or less, and being described as: the center 96 acres in the Northeast one-quarter of Section 2, Township 16, Range 17, Rush County, Kansas, more exactly described as follows: Beginning at a point on the East line of Section 2, Township 16 South, Range 17 West, Rush County, Kansas, 192 rods north of the Southeast corner of said Section 2, thence north on the east line of said Section 2, a distance of 96 rods, thence west at right angles to said East line of Section 2, a distance of 160 rods, to the west line of the East Half of Section 2, a distance of 96 rods, thence east at right angles to said West line of the East Half of Section 2, a distance of 96 rods, thence east at right angles to said West line of the East Half of Section 2, a distance of 160 rods to the point of beginning, containing 96 acres, more or less, and being a portion of the property described in that certain Quitclaim Deed, dated May 17,2000, by and between Floris E. Dome, et ux, as Grantor, and Dome Living Trust dated May 17,2000, as Grantee, and being recorded in Deed Book 53, Page 17, of the Register of Deeds, Rush County, Kansas.

ADDITIONAL TERMS AND PROVISIONS:

- The provisions of this EXHIBIT "A" shall control and supersede the terms of the attached oil and gas lease when such terms conflict.
- Lessee shall bury and maintain all pipelines below ordinary plow depth (36"). 7
- Lessee shall pay all damages, caused by Lessee's operations hereunder to crops, including grass, and restore as nearly as practical, said premises to the same conditions and contour as previously existed, upon termination of this lease.
- Lessee is hereby granted the option to extend the primary term of this lease for an additional two (2) years from the expiration of the original primary term. This option may be exercised by Lessee, in total, on or before the expiration date of lease by paying and delivering to Lessor at the above address, the sum of \$12.00 per acre covered by the lease. In the event Lessee exercises this option, Lessee must renew all acreage covered by this lease. Should this option be exercised as herein provided, it shall be considered for all purposes as though this lease originally provided for a term of five (5) years. 4.

OPERATOR: Samuel Gary Jr & Associates, Inc 1515 Wynkoop Street, Suite 700

Denver, Colorado 80202 office: 303-831-4673; fax: 303-863-7285

WELL NAME: Younger - Dome 1-2

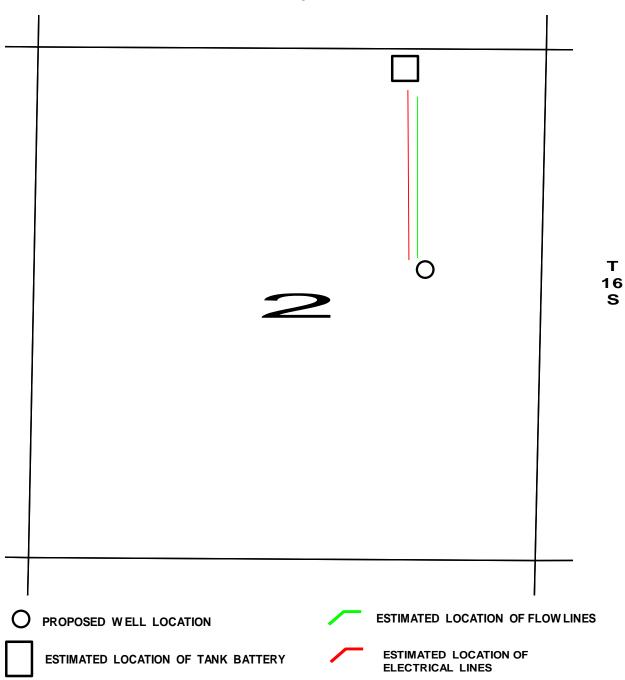
LOCATION: 2187 FNL / 750 FEL Sec. 2 - 16S - 16W

RUSH COUNTY, KS

SURFACE OWNER: Michael Younger

RR1 Box 102 Bison, KS 67520

R 16 W







January 24, 2011

Neil D. Sharp Samuel Gary Jr. & Associates, Inc. 1515 WYNKOOP, STE 700 DENVER, CO 80202

Re: Drilling Pit Application Younger - Dome 1-2 NE/4 Sec.02-16S-17W Rush County, Kansas

Dear Neil D. Sharp:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed <u>without slots</u>, the bottom shall be flat and reasonably level and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as the Hutchinson Salt section has been drilled through and displacement of the fluids into the reserve pit has occurred. The fluids should be removed again within 96 hours after drilling operations have ceased.

If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.

The fluids should be taken to an authorized disposal well. Please call the District Office at (620) 225-8888 when the fluids have been removed. Please file form CDP-5 (August 2008), Exploration and Production Waste Transfer, through KOLAR within 30 days of fluid removal.

A copy of this letter should be posted in the doghouse along with the approved Intent to **Drill**. If you have any questions or concerns please feel free to contact the District Office at (620) 225-8888.