For KCC Use:
Effective Date:
District #
SGA? Ves 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

	Ocat Decembries
Expected Spud Date: month day year	Spot Description: Sec. Twp. S. R E W
	Sec Twp S. R E W
DPERATOR: License#	feet from E / W Line of Section
ddraes 1:	Is SECTION: Regular Irregular?
ddress 1:ddress 2:	
State:	(Note: Locate well on the Section Plat on reverse side)
Contact Person:	County:
hone:	Field Name:
CONTRACTOR: License#	Is this a Prorated / Spaced Field?
lame:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment:	Nearest Lease or unit boundary line (in footage):
	Ground Surface Elevation:feet MSL
Oil Enh Rec Infield Mud Rotary	Water well within one-quarter mile:
Gas Storage Pool Ext. Air Rotary	Public water supply well within one mile:
Disposal Wildcat Cable Seismic ;# of Holes Other	Depth to bottom of fresh water:
Other:	Depth to bottom of usable water:
Outer.	Surface Pipe by Alternate:
If OWWO: old well information as follows:	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:
- 1-19····· - 1-19···· - 1-19···· - 1-19···· - 1-19···· - 1-19···· - 1-19···· - 1-19···· - 1-19···· - 1-19····	Water Source for Drilling Operations:
irectional, Deviated or Horizontal wellbore?	Well Farm Pond Other:
Yes, true vertical depth:	DWR Permit #:
ottom Hole Location:	(Note: Apply for Permit with DWR)
CC DKT #:	Will Cores be taken?
	If Yes, proposed zone:
AFI	FIDAVIT
he undersigned hereby affirms that the drilling, completion and eventual plu	
is agreed that the following minimum requirements will be met:	99···9 - · · · · · · · · · · · · · · · ·
1. Notify the appropriate district office wrights equal as a fixelly	
 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 	drilling rig:
 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> 	0 0 .
2. A copy of the approved notice of intent to drill shall be posted on each	by circulating cement to the top; in all cases surface pipe shall be set
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Signature of Operator or Agent:

Side Two

For KCC Use ONLY	
API # 15	_

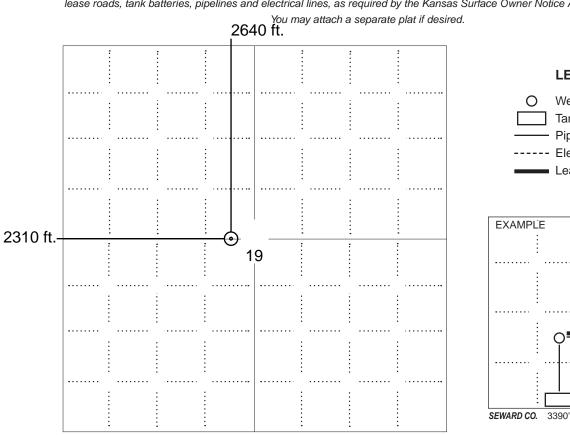
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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

Operator:	Location of Well: County:
Lease:	feet from N / S Line of Section
Well Number:	feet from E / W Line of Section
Field:	SecTwpS. 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

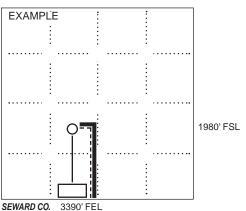
PLAT

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).



LEGEND

O Well Location
Tank Battery Location
Pipeline Location
----- Electric Line Location
Lease Road Location



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

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	SecTwp R
Settling Pit Drilling Pit	If Existing, date cor	nstructed:	Feet from North / South Line of Section
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:	(111)	Feet from East / West Line of Section
		(bbls)	County
Is the pit located in a Sensitive Ground Water A	rea? Yes I	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)
Is the bottom below ground level? Yes No	Artificial Liner?	lo	How is the pit lined if a plastic liner is not used?
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits
Depth fro	om ground level to dee	pest point:	(feet) No Pit
If the pit is lined give a brief description of the li material, thickness and installation procedure.	ilei		dures for periodic maintenance and determining cluding any special monitoring.
Distance to nearest water well within one-mile of	of pit:	Depth to shallor Source of inforr	west fresh water feet.
feet Depth of water well	feet	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 work	king pits to be utilized:
Barrels of fluid produced daily:		Abandonment p	procedure:
Does the slope from the tank battery allow all s flow into the pit? Yes No	pilled fluids to	Drill pits must b	e closed within 365 days of spud date.
	-		
Submitted Electronically			
	КСС	OFFICE USE O	NLY Liner Steel Pit RFAC RFAS
Date Received: Permit Numl	ber:	Permi	

Kansas Corporation Commission Oil & Gas Conservation Division

Form KSONA-1
January 2014
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	athodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East West
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 the lease below:
Contact Person:	
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:	
the KCC with a plat showing the predicted locations of lease roads, tank are preliminary non-binding estimates. The locations may be entered on Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice Acowner(s) of the land upon which the subject well is or will be located CP-1 that I am filing in connection with this form; 2) if the form beform; and 3) my operator name, address, phone number, fax, and I have not provided this information to the surface owner(s). I ack KCC will be required to send this information to the surface owner.	cknowledge that, because I have not provided this information, the ner(s). To mitigate the additional cost of the KCC performing this
that I am being charged a \$30.00 handling fee, payable to the Ko	fee with this form. If the fee is not received with this form, the KSONA-1
Submitted Electronically	

Kansas Kansas

IL AND GAS LEASE

THIS AGREEMENT. Entered Into this 20th dayed August 2011
"" " " " " " " " " " " " " " " " " " "
Eureka, KS 67045; and Margaret J. Zenishek, a single woman, whose
Zenisnek, a single woman, whose
Addition to 10/0 E. Zath of N. Huit Vina Wichita ve casac
and Murfin Drilling Company, Inc. Associates called leason, hardnales called leason, hardnales called leason, hardnales called leason, hardnales called leason, toos winess.
hospitalist called larges, toos winess.
and agraements hereinables conseined to be performed by the lesses, has this day granted, lessed, and let and by these presents done hereby grant, lesses, and let each by these presents done hereby grant, lesses, and let exclusively
unto the lasses the hersinatter described land, with any reversionary rights therein, and with early part of the lands covered thereby as hereing and let exclusively to sit or any part of the lands covered thereby as hereingted for the covered the covered thereby as hereingted for the covered the covered thereby as hereingted for the covered thereby as hereing the covered the covered thereby as hereing the covered the covered thereby as hereing the covered t
to sill or any part of the lands covered thereby as hereinatter provided, for the purpose of carrying on geological, geophysical and other septometry work thereon, including core and the different provided for the purpose of carrying on geological, geophysical and other septometry work thereon, including core
vapors, and all other gazes, found thereon, the explusive dobt of likeline pates the pass companies, gas distincted, cashighed gasoline and their respective constituent
laying pipe lines, building tanks, storing oil building sower stations, election, elections are stations, and for constructing roads,
tend alone or conjointly with neighboring lands, to produce, sevs, take care oi, and manufactures liberation necessary or convenient for the accommical operation of said tends alone or conjointly with neighboring lands, to produce, sevs, take care oi, and manufactures all of such substances, and the indection of wash, bring, and other substances.
TTT 1/2

1 Y 1 See EXHIBIT "A" attached hereto for Legal Description of lands

containing	4,494.50

into the subsurface arrate, said tract of land being situated in the County of -E1k

-years (called "primary term") and as long therealter as od, gas, casingheed gas,
- The leases that deliver to leaser as royally, free of cost, on the lease, or into the pipe line to which leases may connect its wells the squel one-eighth part of all oil pro-duced and saved from the leased plannies, or at the leases's option may pay to the leaser for such one-eighth royally the market price at the wellhead for oil of the grade and gravity prevailing on the day such oil is run into the pipe line or into storage tanks.
- A The lesses shall pay to the lessor, as a royalty, one-eight (1/8th) of the proceeds received by the lesses from the sale of gas, gas condensate, gas distillate, casinghead on sold by the lesses, lessue may pay or sander sensely at or before the end of each yearly pelot during which such gas is more valve, an amount equal to one dollar part an inhance area, and white said shull in royalty is a gaid or tendered, it will be considered under a shull-in royalty, whether one or that gas is being produced in paying quantities. The limit yearly period during which such gas is not sold as a fact. The limit yearly period during which such gas is not sold shall begin on the date the first wall is completed for production of
- 5. This lease is a psid-up tease and may be maintained during the primary term without further payments or driking operations.
- 6. In the event said lessor owns a less interest in the above described lend than the antive and undivided fee simple astale therein than the royalites herein provided for shall be paid to said lessor only in the proportion which his interest bears to the whole and undivided fee; however, in the event the title to any interest in said land should revent to lessor, or his neite, or his or their grantee, this lesse shall cover such reversion.
- To least, or the new, or has be these grantes, this lease after cover such reversion.

 The leases shell have the right to use, tree of cost, gas, oil and water found on said fand for its operations thereon, except water from existing wells of the lease, when caquired by leaser, the leases shall bury its pipe lines below plow depth and shall pay for damage caused by its operations to growing cross an said tand. No well shall be drilled the capture of the leaser, the leaser, the leaser in the house or betty now on said premises without written consent of the leaser, Leases shall have the right at any time during, or after the appreciation of this lease to remove all machinery finances, houses, buildings and other structures placed on said premises, including the right to draw and remove all casting.
- 8. If the satists of either party harton is sastigned lend the pivilage of assigning in whole or in part is expressly allowed; the coverance hereof shell extend to the helits devises, executors, stormolateators, successors, and assigned, but no change or division in ownership the land, or respitals, however accomplished, shell operate to pringe the being of collections the fights of lesses, and no change, but no change or division in ownership the land, or respitals, however accomplished, shell operate to pringe the has been furnished with either the original recorded instrument convergence or a unit bardful or to the respital or the respital or the lesses with it priority the original recorded instrument common periority priority that only the respital or the lesses of the original recorded instrument common periority priority that of the respital or the respital o
- S. If the leased premises are now or shall harsefter be owned in severalty or in separate tracts, the premises may nonetheless be developed and operated as one lease, and all royalties accruing hereunder shall be devided among and paid to such separate owners in the proportion that the accreage owned by each separate owner basis to the source leased accreage. There shall be no obligation on the part of the leases to offset wells on separate tracts into which the land covered by this lease may now or hereafter be divided by sale, devisee, descent or otherwise, or to furnish separate measuring or receiving tanks.
- 10. Leasor heraby warrants and agrees to defend the title to the land here'n described and agrees that the lasses, as its option, may pay and discharge in whole or in part any taxes, mongeges, or other liens existing, levied, or assessed on or against the above described lands and, in event it exercises such options it shall be subrogated to the tights of any holder or holders thereof and may raimburse itself by applying to the discharge of any such mongage, tax prioriter lien, any royally according heraunder.
- of any notices of notices between the september of the primary semicons of the
- 12. Lesses may at any time sumender or cancel this lease in whole or in part by delivering or mailing such release to the lessor, or by placing same of record in the proper county. In case said lesse is surrandered and canceled as to only a portion of the acreage covered thereby, then all payments and liabilities thereafter accruing under the terms of said lesse as to the portion canceled shell cases and determine, but as to the portion of the acreage not released the terms and provisions of this lease shall continue and
- 13. All provisions hared, sepress or implied, shall be subject to all laderal and state laws and the orders, rules, or regulations (and interpretations trested) of all governments appendies soministating the same, and this lease shall not be in any way terminated wholly or partially nor shall the lease to table in damages for failure to comply with any of the express or implied provisions hereof if such thickness accords with any such laws, orders, rules or regulations (or interpretations thereof). If lease should be prevented outing the last six months of the primary term harded from driding a well harsunder by the order of any constituted authority having jurisdiction thereover, the primary term of this
 lease shall continue until als months after said order is suspended.
- 14. Lessor and Lesses hereby gives that Lesses shall have the option to extend the primary term of this lesse for an additional three (3) years from the effective date of this lesse by tender to Lessor and Lessor successors (if any) on the date option is exercised. Payment shall be deemed made upon Lesses's tandering of such payment by certified mail to Lessor address shown on this lesse on or before the expiration primary term hereof. Nothing contained herein nor any separate implied agreement between parties shall serve to bing Lesses to exercise this option and it shall be at Lesses's sole discretion to do so.
- 15. If at any lime within the primary term of this lease and while the same remains in force and effect, leasor receives any bone fide offer, acceptable to leasor, to grant additional lease (top lease) covering all or part of the aforedesched lands, leases shall have the continuing option by meeting any such offer to acquire such top lease. Any offer must be in writing, and must set forth the proposed tesses* a name, bonus consideration and royally consideration to be paid for such lease, and include a copy of the lease form to be utilized which form should reflect all pertinent and relevant terms and conditions of the top lease. Lesses shall have fifteen (15) days after received the certified mail, from lessor, of a complete copy of any such offer to advise lessor in writing of its election to enter into an oil and gas lease with lessor, based on that certain proposed lesses's bone fide offer.
- 16. Lessor and Lessee expressly agree, that Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lesse or any portion intered with other land, lease or lesses, in the immediate vicinity thereof, when in Lessee's pudgment it is advisable to do so in order to properly develop the acreage covered by this lesse with other lands by virtue of the development of directional or horizontal boreholes on such properties so as to promote the conservation of oil, gas or other minerals in and under and that may be produced from said premises, such herein lessed is situated an instrument identifying and describing the acreage that has been as combined on the other. The entire screage so combined into a unit that be treated for all purposes as if such lands were included in this lesse. If production is found on the unitized acreage, it shall be treated as if production is had from this lessee, whether the well or wells be located on the premises covered by this lessee or not. Lessor shall receive on production from a unit or formed only such portion of the royalty significant has been seen. her royally interest therein on an acreage basis bears to the total acreage in the unit.
- 17. Lessor and Lessee expressly agree, notwithstanding any other provisions of this lesse, that during any period, whether before or after the expiration of the primary term hereof, ill a well on the unifized acreage is shul-in and dewatering operations are being conducted, this lesse and the unifized acreage including this lesses shall be perpetuated by payment of shul-in royallies as previously specified herein. If such payment or tender of payment is made by Lessee it will be deemed that oil and/or gas is being produced within the meaning of the lesse upon the unifized acreage.
- 18. This lease and all its terms, conditions, and stipulations shall extend to and be binding on all successors of said lessor and lessee. See RIDER attached hereto and made a part hereof.

Meriem L. Anderson	Margaret J. Zenistek
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STATE OFKansas . COUNTY OFGreenwood	ACKNOWLEDGMEN	T FOR INDIVIDUAL (KsOkCo	Ne) a
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EXHIBIT "A"

Attached to that Oil and Gas Lease dated August 20, 2011 from Meriem L. Anderson, a single woman, and Margaret J. Zenishek, a single woman, as Lessor; and Murfin Drilling Company, Inc., as Lessee, for lands in Elk County, Kansas, described as follows:

Township 28 South, Range 8 East

Section 24: E/2NE/4

Township 28 South, Range 9 East

Section 19: ALL -

➤ Section 20: W/2; SE/4

Section 21: ALL -

Section 22: SW/4; S/2SE/4

Section 27: North seven-eighths of the North Half (N7/8N/2) except the East 20 feet thereof 959.92 ac

North seven-eighths of the Northeast Quarter (N7/8NE/4); W/2

→ Section 29: ALL -

Section 30: N/2NW/4; NE/4; the Southeast Quarter (SE/4) of Section Thirty (30), and beginning on the North and South half section line through said Section Thirty (30) and at a point 31.16 chains South of the center of said section, thence South 70 degrees 30 minutes West 17 chains, thence South 19 degrees 30 minutes East 18.14 chains, thence South 49 degrees 30 minutes East 9.35 chains to the one-sixteenth (1/16) line on the South side of the North Half of the Northwest Quarter (N/2 NW/4) of Section Thirty-one (31), thence East on said onesixteenth (1/16) line 2.75 chains to the half section line, thence North 28.84 chains to the place of

Section 31: NE/4 "

NSection 32: E/2; E/2W/2; W/2NW/4-

TOTAL: Containing 4,494.50 acres, more or less.

beginning (30.51 acres)

Signed For Identification:

Meriem L. Anderson, Lessor

By: Mougard J. Zewishek Margaret J. Zenishek, Lessor

RIDER

When preparing developmental locations, the topsoil shall be segregated to be replaced on the surface upon completion of drilling operations.

In the event of drilling operations on said land, Lessee agrees to backfill all slushpits, level the location and restore the surface as nearly as is practicable.

Lessee agrees to pay for all damages of any nature arising from its operations on the land. $\,$

Signed For Identification:

, f , *

By: Meriem L. Anderson, Lessor

By: Margaret J. Zenishek Lessor



fall & Associates

Stake and Elevation Service P.O. Box 222 Pretty Prairie, KS. 67570 785-243-7506

Date 5-31-18

Invoice Number 0523181

