or KCC Use:
Effective Date:
District #
CA2 Vos 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: Zip: +	(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 equiding of well-	
 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 .
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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

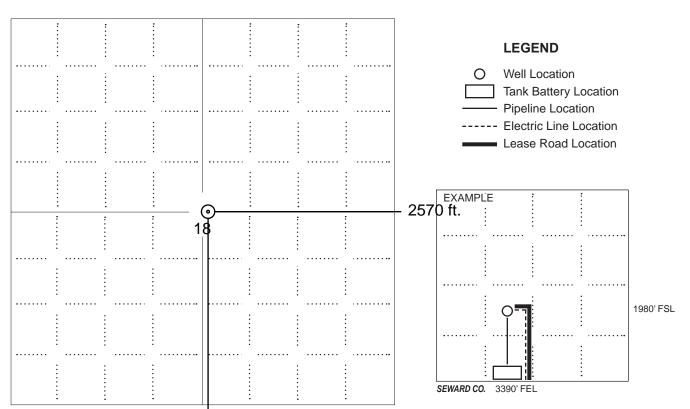
In all cases, please fully complete this side of the form. Include items 1 through 5 at the bottom of this page.

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

2640 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.

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:		al utilized in drilling/workover:					
Number of producing wells on lease: Number of			nber of working 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	Eathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East
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	lic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
owner(s) of the land upon which the subject well is or will be lo	ct (House Bill 2032), I have provided the following to the surface cated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form eing filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.
KCC will be required to send this information to the surface own	eknowledge that, because I have not provided this information, the ner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and CC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling to 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 will be returned.
Submitted Electronically	



Fall & Associates

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

Date 5-10-18

Invoice Number 0509182

				Invoice Number0509182
MURFIN DRILLING	1	I-18		Culwell I Unit
Operator	N	umber		Farm Name
Cheyenne-KS	18	2s	37w	2640'FSL 2570'FEL(C sec)
County-State	S	T	R	Location
Murfin Drilling				Elevation 3351 Gr.
250 N Water				Ordered By: Shauna
Suite 300 Wichita, KS. 67202				Ordered By. Orleand
			Scale 1"-10	00,
4				
	Stake			
	DI9K6			
			4	2570′
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248 BFORM 88 - (PROBUCER'S SPECIAL) (PAID-UF)

Glance D. Dura

BOOK 197 PAGE 480

63U (Rev. 1993)

OIL AND GAS LEASE



708.5 Burdeny PO Sec 750 Wickies, KS 6720) 0720 316:264-9344 264 5185 fee

	cen Culwell, L1	.C, a Kansas Lit	anca Enability (zompanj, p	y James The	eron Culv	rell, a.k.a Ti	heron Culwell,
as Man:	iger.							
						-		
- 20								
	ng address is 1790 R						hereinafter call	ed Lesson (whether one or
In but	IURFIN DRILL	ING COMPAN	Y, INC. 250 N. V	Vater Suite	350, Wichit	a, KS 672	02	bereinafter called L
Less	er, in consideration of _		Ten and more		Dollars	(\$	10.00+) in han
respective or structures as and other pre	restituent products, inject of things thereon to made	ting gas, water, other flu too, save, take case of, it from, and housing and o	aids, and air into subsu	rface strata, Jayin	ig and operating g pipe lines, stori isport said oil liquilouing described.	ior and produ ng oil, buildin uid hydrocarbo land, mgether:	ong oil, liquid h g tanks, power st	nd lets exclusively unto le sydrocarbons, all gases, an ations, telephone lines, an in respective constituent p nary rights and after acqui
mock st, until	em snowed to Contri, bu	Cheyenne			State of	Kansas		Described as follows to
Tract 1:	Section 18: S/2' Section 19: S/2' Section 19: S/2' Section 20: N/2'	Tract 2: Section	18: N/2 19: N/2 20: SE/4 Section	n 28: NW/4	v.			_
In Section _	XXX	Fownship XXX	Range	XXX	_and containing	1.920 00	acres, more or	less and all accretions the
Subje	of to the provisions hereiv	contained this beam	Il compin in face for					
e rit, liquid	et to the provisions herein hydrocarbons, gas or oth	n respective constituent	meducts, or my of them	is produced from	(5) years from t m said land or law	his date (cell	ed "primmy term" aid land is nonled), and as long thereafter
In con	ideration of the premises	the said lessee covenants	s and agrees				inner ta jercejed	
				e may connect to	ells on said land, t	he equal one-e	ighth (1/8) part o	fall oil produced and save
in the manuf	octure of products there!	om said navments to be	t made mouthly. Where	at a of the bree	reeds received by I	lessee from suc	th sales), for the g	herefrom, one-eighth (1/8) (as sold, used off the premi (as) pay or tender as royal hin the meaning of the pre
This le	ase may be maintained di	tring the primary term he	reof without further par	ment or drilling	operations If the I	lessee shall cor	umence to drill a	well within the term of thi
If said	lessor owns a less intere	st in the above described	I laid than the entire or	el andisided Co	man me tetali or M	त्स्वत्र अभादर त्यादास्य	nned	ovided for shall be paid to
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	shall have the right to us equested by lessor, lesser			diand for lessee's	operation thereon	r czechł water	from the wells of	lessor
	shall be drilled nearer ()			W ha				
	shall pay for damages on				itten concent of les	ROT		
	shall have the right at my							
If the e	state of either party here	to is assigned and the n	nities of arriging in	whole or in sec	t	1.3		erdend to their heirs, exe-
with a writter	s, successors or assigne, b t transfer or assignment tions arising subsequent	or a frue copy thereof In	case lessee assigns thi	gument of rentals	is expressly allow to toyalties shall on in part, lessee	ned, the cover be binding on shall be relies	ants hereof shall the lessee until at red of all obligati	erdend to their heirs, eye- fler the lessee has been fun- ons with respect to the as-
Lessee his lease as to	may at any time execute o such portion or portions	and deliver to lessor or p and be relieved of all ob	lace of second a release lightious as to the acrea	or releases only ge surrendered	ing my postion or	portions of th	e above described	premises and thereby sar
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ther minerals the event of which the le except the pay ad from this com a unit so creage so poc	in and under and that me an all well, or into a unit and well, or into a unit and herein leased is situs ment of royalties on prolesse, whether the well of proced only such portioned in the particular unit	ny be produced from said or units not exceeding fi ted an instrument identif juction from the pooled wells be located on the of the royalty stipulated involved	premises, such pooling 40 acres each in the eve ying and describing the unit, as if it were includ premises covered by the therein as the amount of	to be of tracts or mt of a gas well pooled acreege lad in this lease	or and operate say entiguous to one a Lessee shall execu The entire acreag If production is fo	id lease premis nother and to I are in writing a re so pooled in und on the poo	es so as in promo be into a unit or u nd secord in the c to a tract or unit : the acreage, it sh	lease or leases in the imm te the conservation of oil, raits not exceeding 40 acre onveyance records of the shall be treated, for all puall be treated as if produc rason shall receive on prod a screage hasis bears to th
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ommission expires 11/04	2018			Z	1		
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Notary Public

Attached to and made a part of a certain oil and gas lease dated, August 17, 2016, by and between Culwell, LLC, a Kansas Limited Liability Company, by James Theron Culwell, a.k.a Theron Culwell, as Manager as Lessor, and Murfin Drilling Company, Inc. as Lessee

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RIDER

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 as is practicable.

In the event of drilling operations on said land, Lessee or assigns agree to backfill all slush pits, level the location and restore the surface as nearly as is practicable. Lessee or assigns agrees to pay for all damages of any nature arising from its operations on the above land.

3. It is understood and agreed that upon the termination of production on the 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.

4. Upon the completion of any drilling operations or any seismographic testing the Lessee shall leave no waste material, litter or other debris on said premises and shall restore said premises as nearly as practicable to the condition the premises were in prior to Lessee's operations

A sufficient dike shall be placed around tank batteries. Also tank batteries and pumping equipment units shall be fenced to restrain cattle in pastures or on ground that Lessor grazes cattle.

- 6. If the lands covered hereby are irrigated by the use of a self- propelled overhead sprinkler system, presently in operation or installed hereafter, the Lessee, prior to conducting operations hereon, shall consult with the Lessor in regard to said drilling operations. Said operations shall be conducted in such a manner as will least disturb or interfere with Lessor's irrigation system or the surface contours of the leased premises. Should any alterations to the surface contours be caused by its operations, Lessee, or his assigns, shall restore said surface contours to their former condition as nearly as is practicable. In the event of production and continued use of the surface. Lessee, or his assigns, will restore or prepare the surface and situate and install all equipment needed in connection therewith, so that Lessee's use thereof will not interfere with the passage of said overhead sprinkler irrigation systems. Lessee shall consult with Lessor in regard to the route of ingress and egress on said premises for the purpose of drilling and production.
- If any part of the leased premises are subject to or enrolled in the Conservation Reserve Program, Lessee shall reseed to grass all acres thereof affected by Lessee's operations and hold Lessor harmless from penalties or liquidated damages assessed under the Conservation Reserve Program as a result of Lessee's operations.
- 8. The production of oil or gas producing unit shall not extend the primary term of this lease on tracts not covered by production of oil or gas.

Culwell, LLC.

Theron Culwell, Manager