For KCC Use:

Effec	tive	Dat	te

District	#	
District	Ŧ	

SGA?	Yes	No

Form I

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

1354582

NOTICE OF INTENT TO DRILL

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

(SONA-1,	Certification of	Compliance with	the Kansas Surface	Owner Notification	Act, MUST	be submitted	with this form.
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Expected Spud Date:	Spot Description:
month day yea	r
OPERATOR: License#	
Name:	
Address 1:	
Address 2:	
City: State: Zip: + _	
Contact Person:	Lease Name: Well #:
Phone:	Field Name:
CONTRACTOR: License#	
Name:	Target Formation(s):
Well Drilled For: Well Class: Type Equipment Oil Enh Rec Infield Mud Rota Gas Storage Pool Ext. Air Rotary Disposal Wildcat Cable Seismic ; # of Holes Other Other:	Ground Surface Elevation:feet MSL Water well within one-quarter mile:YesNo Public water supply well within one mile:YesNo Depth to bottom of fresh water: Depth to bottom of usable water: Surface Pipe by Alternate:IIII Length of Surface Pipe Planned to be set: Length of Conductor Pipe (if any): Projected Total Depth:
	Water Source for Drilling Operations:
	es No Well Farm Pond Other:
If Yes, true vertical depth:	
Bottom Hole Location:	
KCC DKT #:	Will Cores be taken?
	If Yes, proposed zone:

AFFIDAVIT

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

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

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

Submitted E	Electronically
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For KCC Use ONLY	
API # 15	
Conductor pipe required	feet
Minimum surface pipe required	feet per ALT.
Approved by:	
This authorization expires:	
Spud date: Agent:	

Remember to:

- File Certification of Compliance with the Kansas Surface Owner Notification Act (KSONA-1) with Intent to Drill;
- File Drill Pit Application (form CDP-1) with Intent to Drill;
- File Completion Form ACO-1 within 120 days of spud date;
- File acreage attribution plat according to field proration orders;
- Notify appropriate district office 48 hours prior to workover or re-entry;
- Submit plugging report (CP-4) after plugging is completed (within 60 days);
- Obtain written approval before disposing or injecting salt water.
- If well will not be drilled or permit has expired (See: authorized expiration date) please check the box below and return to the address below.

ш

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

1354582

Section corner used: NE NW SE SW

For KCC Use ONLY

API # 15 - ____

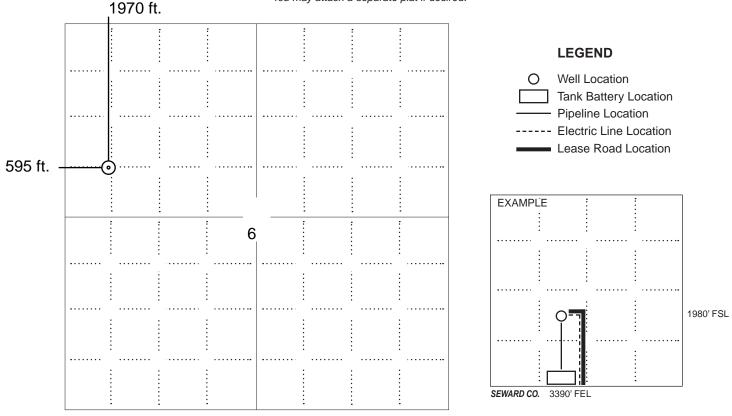
IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

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 U W
Number of Acres attributable to well:	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary.

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.

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 1354582

Form CDP-1 May 2010 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name:		bmit in Duplicat	License Number:		
Operator Address:			I		
Contact Person:			Phone Number:		
Lease Name & Well No.:			Pit Location (QQQQ):		
Type of Pit:	Pit is:				
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West		
Settling Pit Drilling Pit	If Existing, date co		Feet from North / South Line of Section		
Workover Pit Haul-Off Pit			Feet from East / West Line of Section		
(If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	County		
le the sit leasted is a Constitue Cround Water A		~ /			
Is the pit located in a Sensitive Ground Water A	.rea?	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)		
Is the bottom below ground level?	Artificial Liner?	ю	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	epest point:	(feet) No Pit		
	material, thickness and installation procedure.				
		Depth to shallor Source of inform	owest fresh water feet. mation:		
feet Depth of water well	feet	measured	well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	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	rking pits to be utilized:		
		Abandonment p	pandonment procedure:		
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		be closed within 365 days of spud date.			
Submitted Electronically					
KCC OFFICE USE ONLY					
Date Received: Permit Num	ber:	Permi	t Date: Lease Inspection: Yes No		

Kansas Corporat Oil & Gas Conser CERTIFICATION OF CO KANSAS SURFACE OWN	RVATION DIVISION	AI	Form KSONA-1 January 2014 Form Must Be Typed Form must be Signed I blanks must be Filled
This form must be submitted with all Forms C-1 (Notice of In T-1 (Request for Change of Operator Transfer of Injection or Any such form submitted without an accom Select the corresponding form being filed: C-1 (Intent) CB-1 (Cat	Surface Pit Permit); and C panying Form KSONA-1 v	CP-1 (Well Plugging App will be returned.	plication).
OPERATOR: License #	Well Location: Sec County: Lease Name: If filing a Form T-1 for multing the lease below:	W	/ell #:
Surface Owner Information: Name: Address 1: Address 2: City:	When filing a Form T-1 invo sheet listing all of the inforr owner information can be fo county, and in the real estat	mation to the left for each s ound in the records of the r	surface owner. Surface register of deeds for the

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

Select one of the following:

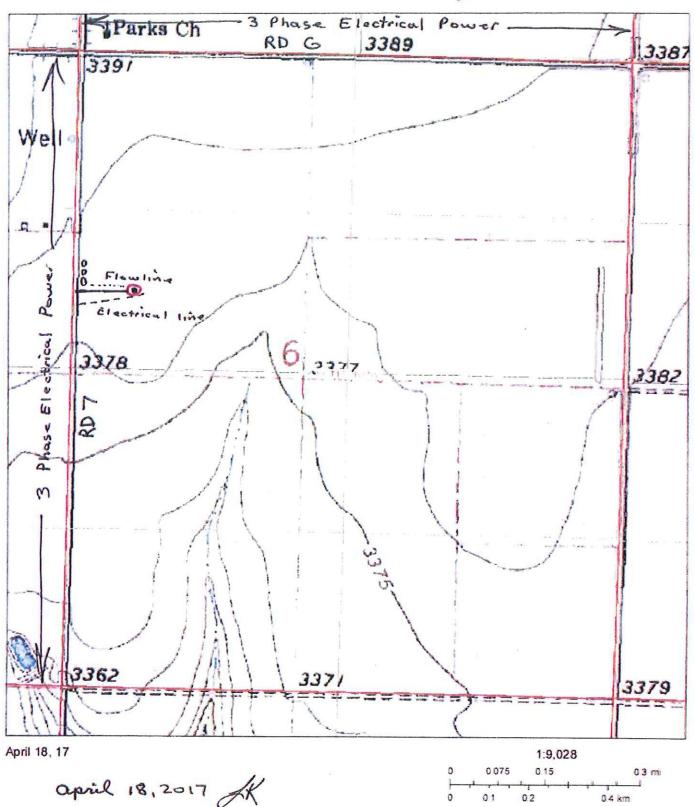
- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.

Submitted Electronically

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Sources' Esri, HERE, DeLorne, Internap, Increment P, Dorp, GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri, Japan, WEIT, Esri, China, (Hong, Kong), swisstopo, Mapmylinda, 6 OpenStreetWap.contributors, and the G iS User Community

> Kansas Geological Survey http://maps.kgs.ku.edu/bilgas