KOLAR Document ID: 1655868

For	ксс	Use:
-----	-----	------

Effective	Date:	
LIICOUVO	Duic.	

District	#	

SGA?	1 Ye	s 🗌	Nc

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CB-1 Oct 2016 Form must be Typed Form must be Signed All blanks must be Filled

CATHODIC PROTECTION BOREHOLE INTENT

Must be approved by the KCC sixty (60) days prior to commencing well. Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form.

Expected Spud Date:	Spot Description:
month day year	
OPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
Name:	feet from E / W Line of Section
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City: State: Zip: +	
Contact Person:	County: Facility Name:
Phone:	Borehole Number:
CONTRACTOR: License#	Ground Surface Elevation: MSL
Name:	Cathodic Borehole Total Depth: feet
Type Drilling Equipment: Mud Rotary Cable	Depth to Bedrock: feet
Air Rotary Other	Water Information
Construction Features	Aquifer Penetration: None Single Multiple
Length of Cathodic Surface (Non-Metallic) Casing	Depth to bottom of fresh water:
Planned to be set: feet	Depth to bottom of usable water:
Length of Conductor pipe (if any): feet	Water well within one-quarter mile: Yes No
Surface casing borehole size: inches	Public water supply well within one mile: Yes No
Cathodic surface casing size: inches	Water Source for Drilling Operations:
Cathodic surface casing centralizers set at depths of:;;	Well Farm Pond Stream Other
;;;;;;;	Water Well Location:
Cathodic surface casing will terminate at:	DWR Permit # Standard Dimension Ratio (SDR) is =
Above surface Surface Vault Below Surface Vault	(Cathodic surface csg. 0.D. in inches / MWT in inches = SDR)
Pitless casing adaptor will be used: Yes No Depth feet	Annular space between borehole and casing will be grouted with:
Anode installation depths are:;;;;;;	Concrete Neat Cement Bentonite Cement Bentonite Clay
;;;;;;	Anode vent pipe will be set at: feet above surface
	Anode conductor (backfill) material TYPE:
	Depth of BASE of Backfill installation material:
AFFIDAVIT	Depth of TOP of Backfill installation material:
	Borehole will be Pre-Plugged? Yes No
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101 et. seq.	
It is agreed that the following minimum requirements will be met:	
 Notify the appropriate District office prior to spudding and again before plugging the we and placement is necessary prior to plugging. In all cases, notify District Office prior to 	
 Notify appropriate District Office 48 hours prior to workover or re-entry. 	any grouing.
 A copy of the approved notice of intent to drill shall be posted on each drilling rig. 	
 A copy of the approved notice of micha to an instant be posted on each annual by A. The minimum amount of cathodic surface casing as specified below shall be set by group of the set by group of	puting to the top when the cathodic surface casing is set
5. File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (for	
Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completic d. Submit plugging report (CP-4) within 60 days after final plugging is completed.	
Submitted Electronically	

For KCC Use ONLY	
API # 15	If this permit has expired or will not be drilled, check a box below, sign, date and return
Conductor pipe requiredfeet	to the address below.
Minimum Cathodic Surface Casing Required: feet	Permit Expired Well Not Drilled
Approved by:	
This authorization expires:	
Spud date: Agent:	Date Signature of Operator or Agent m

For	ксс	Use	ONLY	
		030		

API # 15 -_

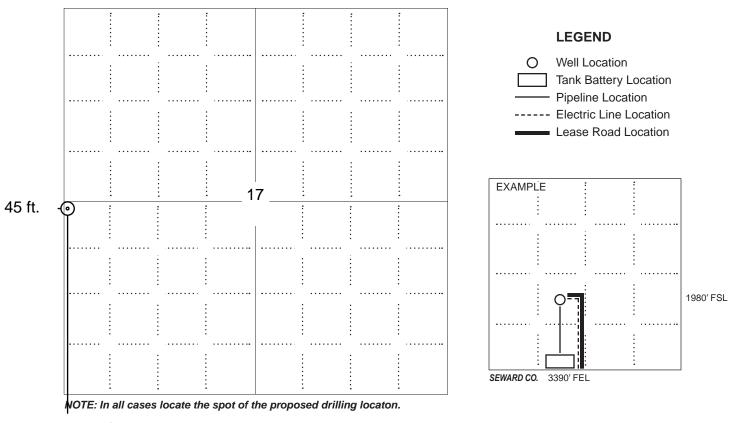
IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

In all cases, please fully complete this side of the form. Include items 1 through 3 at the bottom of this page.

Operator:	Location of Well: County:
Facility Name:	feet from N / S Line of Section
Borehole Number:	feet from L E / W Line of Section
	SecTwpS. R E W
	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 Cathodic Borehole. 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.



2528 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 section's south / north and east / west; line.
- 3. The predicted locations of lease roads, tank batteries, pipelines, and electrical lines.

KOLAR Document ID: 1655868

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 July 2014 Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate				
Operator Name:	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 East West	
Settling Pit Drilling Pit	If Existing, date co	nstructed:	Feet from North / South Line of Section	
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		Feet from East / West Line of Section	
		(bbls)	County	
Is the pit located in a Sensitive Ground Water A	rea? Yes	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?	
	Yes 1	No		
Pit dimensions (all but working pits):		,	Width (feet)N/A: Steel Pits	
Depth fro	m ground level to dee	epest point:	(feet) No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.				
Distance to nearest water well within one-mile of pit: Depth to shallowest free Source of information:		west fresh water feet. nation:		
feet Depth of water wellfeet measured		well owner electric log KDWR		
Emergency, Settling and Burn Pits ONLY: Drilling, Work		over and Haul-Off Pits ONLY:		
Producing Formation: Type of m		Type of materia	Type of material utilized in drilling/workover:	
Number of producing wells on lease: Number of v		Number of wor	king pits to be utilized:	
Barrels of fluid produced daily: Abandonme		Abandonment	procedure:	
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No		e closed within 365 days of spud date.		
Submitted Electronically				
KCC OFFICE USE ONLY				
Date Received: Permit Num	ber:	Perm	it Date: Lease Inspection: Yes No	

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513

KOLAR Document ID: 1655868

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

Form KSONA-
July 202
Form Must Be Typed
Form must be Signed
All blanks must be Filled

This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.

Select the corresponding form being filed: C-1 (Intent) CB-1 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License #	Well Location:	
Name:		
Address 1:	County:	
Address 2:	Lease Name: Well #:	
City: State: Zip:+	If filing a Form T-1 for multiple wells on a lease, enter the legal description of	
Contact Person:	the lease below:	
Phone: () Fax: ()		
Email Address:		
Surface Owner Information:		
Name:	When filing a Form T-1 involving multiple surface owners, attach an additional	
Address 1:	 sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the 	
Address 2:	county, and in the real estate property tax records of the county treasurer.	
City: State: Zip:+		

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

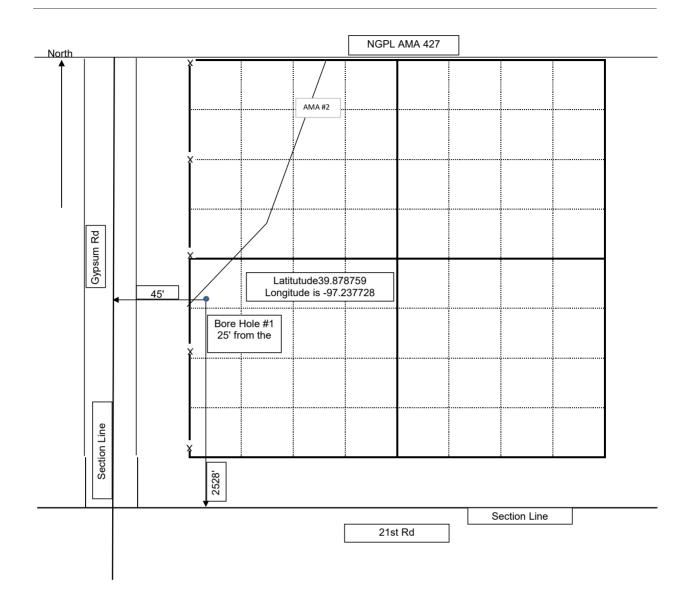
Select one of the following:

□ I certify that, pursuant to the Kansas Surface Owner Notice Act (see Chapter 55 of the Kansas Statutes Annotated), 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



Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513

Dwight D. Keen, Chair Susan K. Duffy, Commissioner Andrew J. French, Commissioner



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Laura Kelly, Governor

According to the drilling pit application, no earthen pits will be used at this location. Steel pits will be used. Please inform the Commission in writing as to which disposal well you utilized to dispose of the contents in the steel pits and the amount of fluid that was disposed. Please file form CDP-5, Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1, Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.