KOLAR Document ID: 1711135

For KCC U	se:
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Effective	Date:	

District a	#	
SGA?	Yes	No

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#	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:
Phone:	Facility Name:
	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 #
Above surface Surface Vault Below Surface Vault	Standard Dimension Ratio (SDR) is =
Pitless casing adaptor will be used: Yes No Depth feet	(Cathodic surface csg. 0.D. in inches / MWT in inches = SDR)
	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: rect above surface
	Depth of BASE of Backfill installation material:
	Depth of TOP of Backfill installation material:
AFFIDAVIT	
The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101 et. seq.	Borehole will be Pre-Plugged? Yes No
It is agreed that the following minimum requirements will be met:	
 Notify the appropriate District office prior to spudding and again before plugging the w and placement is necessary prior to plugging. In all cases, notify District Office prior of 	
2. Notify appropriate District Office 48 hours prior to workover or re-entry.	
3. A copy of the approved notice of intent to drill shall be posted on each drilling rig.	
4. The minimum amount of cathodic surface casing as specified below shall be set by g	routing to the top when the cathodic surface casing is set.
 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 Complet d. Submit plugging report (CP-4) within 60 days after final plugging is completed. 	rm CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification
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Submitted Electronically	
For KCC Use ONLY	

For KCC Use UNLY	
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
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For	KCC	llee	ONLY	
FOr	NUU	Use	UNLT	

API # 15 -_

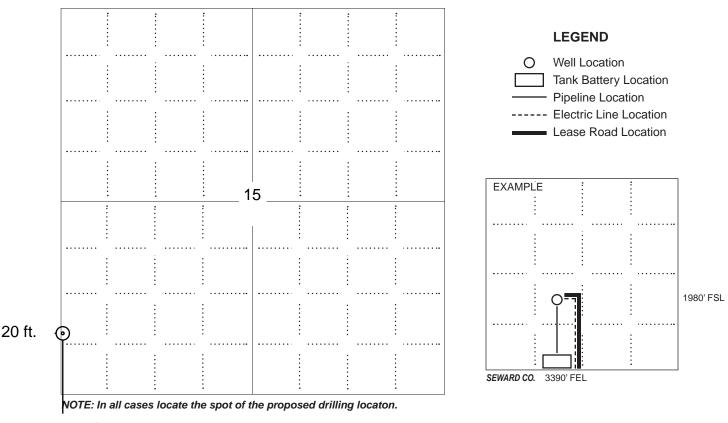
IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

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 N / S Line of Section feet from E / W Line of Section
	Sec Twp S. 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.



824 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.

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KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form CDP-1 July 2014 Form must be Typed

APPLICATION FOR SURFACE PIT

		bmit in Duplicat			
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	SecTwpR 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 No	Yes	No			
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet)N/A: Steel Pits		
Depth fro	m ground level to dee	epest point:	(feet) No Pit		
material, thickness and installation procedure. liner integrity, including any special monitoring.					
Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water feet. Source of information:					
feet Depth of water wellfeet measured		well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY: Drilling, Worke		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 worl	rking pits to be utilized:		
Barrels of fluid produced daily:		Abandonment p	procedure:		
Does the slope from the tank battery allow all spilled fluids to		be closed within 365 days of spud date.			
Submitted Electronically					
KCC OFFICE USE ONLY					
Date Received: Permit Numl	oer:	Permi	t Date: Lease Inspection: Yes No		

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

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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 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: 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

KGS-34 Replacement Martin Ford County 37.605984, -99.942650

Legend		Gas Kansas Geological Survey					(0)
Oil and Gas Wells	37.60861, -99.938	65 (WG \$84)					
Oil and Gas Wells	+						
Coal Bed Methane	_	S16-T28S-R24W			S15-T28	3S-R24W	
Coal Bed Methane, Plugged- Abandoned							
	X						
🖌 Enhanced Oil Recovery				0			
Enhanced Oil Recovery, Plugged- Abandoned							
-☆- Gas							
🔆 Gas, Plugged-Abandoned							
O Injection							
Nijection, Plugged-Abandoned			-	-			
Location							
🔆 Oil and Gas							
🗮 Oil and Gas, Plugged-Abandoned							
• Oil					Valley Rd		Valley Rd
 Oil, Plugged-Abandoned 							
• Other				•			
Q Other, Plugged-Abandoned							
🛕 Salt Water Disposal							
Salt Water Disposal, Plugged- Abandoned							
WWC5 Water Wells							
Reconstructed							
O Plugged	600 ft						

CLIENT:	ONEOK NGL Pipeline, LLC
SITE:	
OTHER ID#:	
COMPANY:	
LOGGED BY:	

PROJECT NAME:	ONEOK Cathodic Protection
LOCATION:	Ford County
FACILITY:	KGS-34 Replacement Martin
RIG:	
DRILLING METHOD:	Wet Rotary or Dry

DATE DRILLED:	TBD
GPS	37.605984, -99.942650
BOREHOLE:	10 inch
FLUID:	Water if wet rotary

	ТҮРЕ	INTERVAL	MATERIAL	JOINT LENGTH	DIAMETER
CASING:	SDR 21	0-20'	PVC		10"
SCREEN:					
GROUT:					
SEAL:					
FILTER PACK:					

DEEP GROUNDBED WELL CONSTRUCTION			DEPTH (FT)	LEGEND	DESCRIPTION	COMMENTS		
					3		SOIL	
					20		CEMENTED CASING	
	ľ		Ī			I		
							PURE GOLD BENTONITE	
					145			
	x				145			
	X				165			
	х				175		LORESCO COKE BREEZE	
	Х				185			
	Х				195			
	Х				205			
	Х				215	×	ANOTEC ANODES (15)	
	Х				225			
	Х				235			
	х				245			
					250		BASE	

Х:	
Static Depth to Water:	
Comments:	Not to scale