For KCC Use:

Effective	Date:	

District #		
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

1325426

# 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	Sec Twp S. R E 🗌 W
	(Q/Q/Q/Q) feet from N / S Line of Section
OPERATOR: License#	
Name:	
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City: State: Zip: +	County:
Contact Person:	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
	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 ( <i>if any</i> ): 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. O.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:
	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:	
1. Notify the appropriate District office prior to spudding and again before plugging the wa and placement is necessary prior to plugging. In all cases, notify District Office prior to	
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 gro	outing to the top when the cathodic surface casing is set.
<ol> <li>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 Completie d. Submit plugging report (CP-4) within 60 days after final plugging is completed.</li> </ol>	m CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification

# 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

API # 15 -\_\_

Side Two



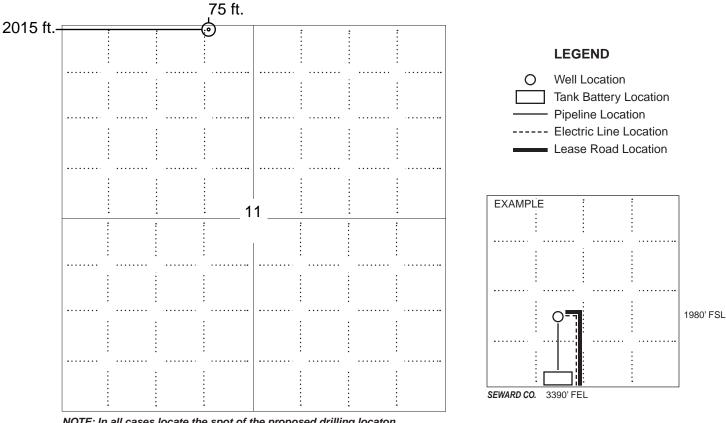
## IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

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
	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.



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

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1325426

Form CDP-1 July 2014 Form must be Typed

# **APPLICATION FOR SURFACE PIT**

Submit in Duplicate

Operator Address:         Contact Person:       Prione Number:         Lease Name & Well No:       Pit Location (QOQQ):         Type of Pit:       Pit Location (QOQQ):         Emergency Pht       Burn Pit         Benergency Pht       Drilling Pit         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If WPS supply AP No. or Warn Drilled)       If Existing. date constructed:         If the pit located in a Sensitive Ground Water Area?       Yes         If the pit located in a Sensitive Ground Water Area?       Yes         If the pit is lined give a brief description of the liner?       How is the pit lined if a plastic liner is not used?         If the pit is lined give a brief description of the liner       Supple to challoweet fresh water       feet.         Supple for material utilicad in drilling/workover :       Number of wack	Operator Name:			License Number:
Lease Name & Well No::       Pit Location (QOQQ);         Type of Pit:       Burn Pit         Energency Pit       Burn Pit         Workower Pit       Hau-Off Pit         (If WP Supply API No. or New Duiling Pit       Pit capacity:         It capacity       Feet from   North /   South Line of Section         (If WP Supply API No. or New Duiled)       Pit capacity:         Is the pit located in a Sensitive Ground Water Area?       Yes   No         Is the pit located in a Sensitive Ground Water Area?       Yes   No         Pit demensions (all but working pits):       Length (feet)       Othoride concentration:         Is the pit located in a Sensitive Ground Water Area?       Yes   No       No         Pit demensions (all but working pits):       Length (feet)       Wridth (feet)       NA: Steel Pits         Depth from ground level to deepest point:       (feet)       No Pit       No Pit         If the pit is lined give a brief description of the liner       Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring.       No Pit         Distance to nearest water well within one-mile of pit:       Depth to shallowest fresh water	Operator Address:			I
Type of Pit:       Pit is:       Pit is:       Pit is:         Image: Setting Pit       Dulling Pit       Pit gased I:       Setting         Image: Setting Pit       Dulling Pit       Pit gased I:       Feet from North / Gouth Line of Section         Image: Setting Pit       Pit GasedIy:       Feet from North / Gouth Line of Section       County         If WP Supply API No. or Year Drilleg)       Pit capacity:       Feet from Esst / West Line of Section         Is the pit located in a Sensitive Ground Water Area?       Yes       No       Chloride concentration:       mgrl         If the pit located in a Sensitive Ground Water Area?       Yes       No       Chloride concentration:       mgrl         If the pit located in a Sensitive Ground Water Area?       Yes       No       Chloride concentration:       mgrl         If the pit located in a Sensitive Ground level?       Artificial Line?       How is the pit lined if a plastic liner is not used?       NA: Steel Pits         Pit dimensions (all but working pits):       Length (feet)       Width (feet)       NA: Steel Pits         Depth from ground level in description of the liner       Describe procedures for periodic maintenance and determining         Inter integrity, including any special monitoring.       No Pit         Producing Formation:       No Pit       Nether of procedures:	Contact Person:			Phone Number:
Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of products       Image of products       Image of products       Image of products       Image of products         Image of products       Image of prod products       Image of products	Lease Name & Well No.:			Pit Location (QQQQ):
Emergency Pit Burn Pit   Bart Pit Dilling Pit   Workover Pit Hauk-Off Pit   Markover Pit Section   Step to factor on level? No   Choride concentration: mg/l   Markover Statistic Markover Statistic   Markover Statistic Markover Statist	Type of Pit:	Pit is:		-
Setting Pit Drilling Pit   Workover Pit Haul-Off Pit   If WP Supply API No. or Year Duilted) Pit capacity:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Chloride concentration:   If the pit located in a Sensitive Ground Water Area? Yes   No Pit dimensions (all but working pits):   Length (feet) Width (feet)   Pit dimensions (all but working pits):   Length (feet) Width (feet)   Pit log is a brief description of the liner   Interinting   Interinting   Interinting   Interinting   Interinting   Interinting   If the pit is lined pite a brief description of the liner   If the pit is lined pite a brief description of the liner   If the pit is lined pite a brief description of the liner   If the pit is line of pit   Destance to nearest water well within one-mile of pit:   Subred Electronically   Number of pro				Sec. Twp. R. East West
Workover Pit       Haul-Off Pit         If WP Suppy API No. or Year Duiled)       Pit capacity:	Settling Pit Drilling Pit			
(If WP Supply API No. or Year Dollad)       PIT capacity:	Workover Pit Haul-Off Pit			
Is the pit located in a Sensitive Ground Water Area?       Yes       No       Chloride concentration::       mg/l         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 (feet)       Width (feet)       N/A: Steel Pits         Depth from ground level to deepest 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 fresh water feet. Source of information:       feet         Temegency, Settling and Burn Pits ONLY:       Drilling, Workover and Haul-Off Pits ONLY:       Type of material utilized in drilling/workover:         Number of producing wells on lease:       Number of working pits to be utilized:       Abandonment procedure:         Does the slope from that wak batery allow all spilled fluids to flow into the pit?       Yes No       Drill pits must be closed within 365 days of spud date.         Submitted Electronically       Drill pits must be closed within 365 days of spud date.       Drill pits must be closed within 365 days of spud date.	(If WP Supply API No. or Year Drilled)	Pit capacity:	(bbls)	
Image: control in the integration of the line in the price of information:       (For Emergency Pris and Settling Pris only)         Is the bottom below ground level?       Artificial Liner?       How is the pit lined if a plastic liner is not used?         Pit dimensions (all but working pits):      Length (feet)      With (feet)      With (feet)         Pit dimensions (all but working pits):      Length (feet)      With (feet)      With (feet)         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 fresh water feet.       Source of information:	la the pit leasted in a Sensitive Cround Water A			
Image: Section of the liner material, thickness and installation procedure.       Depth from ground level to deepest point:	is the pit located in a Sensitive Ground water A		INO	0
Pit dimensions (all but working pits):       Length (feet)       Width (feet)       N/A: Steel Pits         Depth from ground level to deepest 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 fresh waterfeet. Source of information:        feet       Depth of water well       feet         Producing Formation:      Type of material utilized in drilling/workover:         Number of producing wells on lease:				How is the pit lined if a plastic liner is not used?
Depth from ground level to deepest point:			-	
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 fresh water feet. Source of information:        feet       Depth of water wellfeet       Depth to shallowest fresh water feet. Source of information:        feet       Depth of water wellfeet       Drilling, Workover and Haul-Off Pits ONLY:         Producing Formation:				
Emergency, Settling and Burn Pits ONLY:   Producing Formation:   Mumber of producing wells on lease:   Barrels of fluid produced daily:   Does the slope from the tank battery allow all spilled fluids to flow into the pit?   Yes   No <b>KCC OFFICE USE ONLY</b>	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.			
Producing Formation: Type of material utilized in drilling/workover:   Number of producing wells on lease: Number of working pits to be utilized:   Barrels of fluid produced daily: Abandonment procedure:   Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No   Dirill pits must be closed within 365 days of spud date.	feet Depth of water wellfeetmeasured			
Number of producing wells on lease:   Barrels of fluid produced daily:   Does the slope from the tank battery allow all spilled fluids to flow into the pit?   Yes   No   Drill pits must be closed within 365 days of spud date.   Submitted Electronically   KCC OFFICE USE ONLY				
Barrels of fluid produced daily:   Does the slope from the tank battery allow all spilled fluids to flow into the pit?   Yes   No   Drill pits must be closed within 365 days of spud date.   Submitted Electronically   KCC OFFICE USE ONLY			-	
Does the slope from the tank battery allow all spilled fluids to flow into the pit?   Yes   No   Drill pits must be closed within 365 days of spud date.   Submitted Electronically   KCC OFFICE USE ONLY				
Submitted Electronically  KCC OFFICE USE ONLY	Does the slope from the tank battery allow all spilled fluids to		be closed within 365 days of spud date.	
Liner Steel Pit RFAC RFAS				
Date Received: Permit Number: Permit Date: Lease Inspection: Yes No	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

KANSAS CORPORA OIL & GAS CONSE CERTIFICATION OF CO KANSAS SURFACE OWN	BINING       Form Must Be Typed         Form must be Signed       Form 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:S. R East West County: Lease Name: Well #: If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Surface Owner Information:         Name:         Address 1:         Address 2:         City:	When filing a Form T-1 involving multiple surface owners, attach an additional 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 county, and in the real estate property tax records of the county treasurer.		

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

I

API # 15 -\_\_

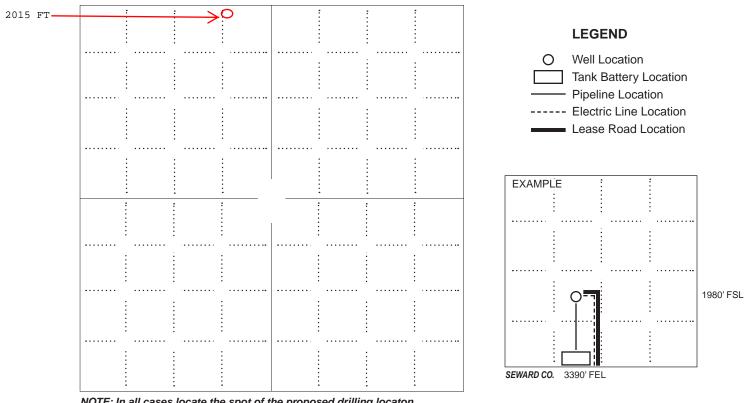
## IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

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
	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

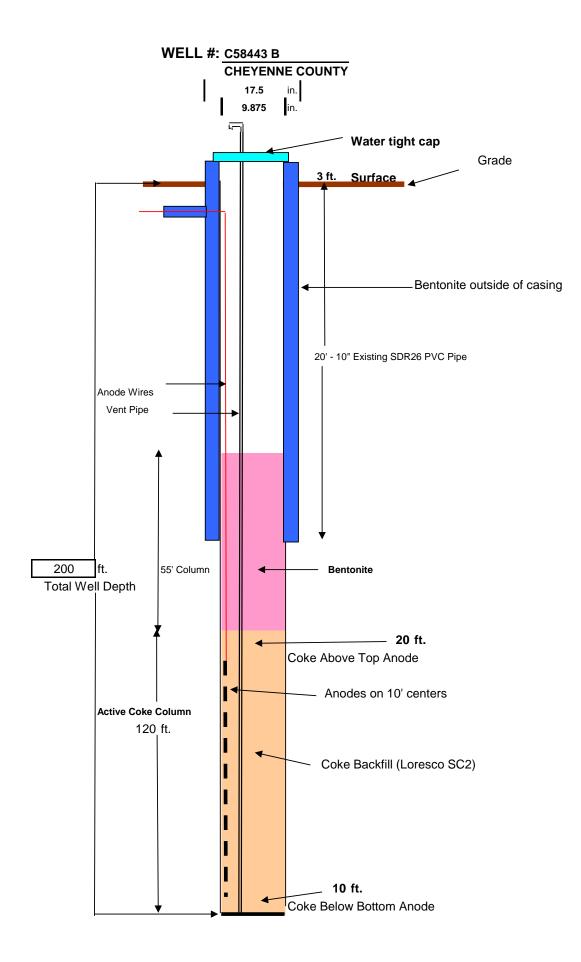
Show location of the Cathodic Borehole. Show footage to the nearest lease or unit boundary line. Show the predicted locations of lease roads, tank batteries, pipelines and electrical lines, as required by the Kansas Surface Owner Notice Act (House Bill 2032). You may attach a separate plat if desired. 75 FT



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



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

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

Jay Scott Emler, Chairman Shari Feist Albrecht, Commissioner Pat Apple, Commissioner Sam Brownback, 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.