

For KCC Use:
Effective Date: _____
District # _____
SGA? Yes No

KANSAS CORPORATION COMMISSION 1365569
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: _____
month day year

OPERATOR: License# _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: _____

CONTRACTOR: License# _____
Name: _____
Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

Construction Features

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: _____ feet
Length of Conductor pipe (if any): _____ feet
Surface casing borehole size: _____ inches
Cathodic surface casing size: _____ inches
Cathodic surface casing centralizers set at depths of: _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;
Cathodic surface casing will terminate at:
 Above surface Surface Vault Below Surface Vault
Pitless casing adaptor will be used: Yes No Depth _____ feet
Anode installation depths are: _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;
_____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ; _____ ;

Spot Description: _____
_____ - _____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ E W
(a/a/a/a) _____ feet from N / S Line of Section
_____ feet from E / W Line of Section

Is SECTION: Regular Irregular?
(Check directions from nearest outside corner boundaries)

County: _____
Facility Name: _____
Borehole Number: _____
Ground Surface Elevation: _____ MSL
Cathodic Borehole Total Depth: _____ feet
Depth to Bedrock: _____ feet

Water Information

Aquifer Penetration: None Single Multiple
Depth to bottom of fresh water: _____
Depth to bottom of usable water: _____
Water well within one-quarter mile: Yes No
Public water supply well within one mile: Yes No
Water Source for Drilling Operations:
 Well Farm Pond Stream Other
Water Well Location: _____
DWR Permit # _____
Standard Dimension Ratio (SDR) is = _____
(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
Annular space between borehole and casing will be grouted with:
 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: _____
Depth of TOP of Backfill installation material: _____
Borehole will be Pre-Plugged? Yes No

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.

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 well. An agreement between the operator and the District Office on plugs and placement is necessary prior to plugging. In all cases, notify District Office prior to any grouting.
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 grouting 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 (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completion Form (ACO-1) within 60 days from spud date. d. Submit plugging report (CP-4) within 60 days after final plugging is completed.

Submitted Electronically

For KCC Use ONLY
API # 15 - _____
Conductor pipe required _____ feet
Minimum Cathodic Surface Casing Required: _____ feet
Approved by: _____
This authorization expires: _____
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: _____ Agent: _____

If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.

Permit Expired Well Not Drilled

_____ Date

_____ Signature of Operator or Agent

E
 W

For KCC Use ONLY

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: _____
Facility Name: _____
Borehole Number: _____

Location of Well: County: _____
_____ feet from N / S Line of Section
_____ feet from E / W Line of Section
Sec. _____ Twp. _____ S. R. _____ E W

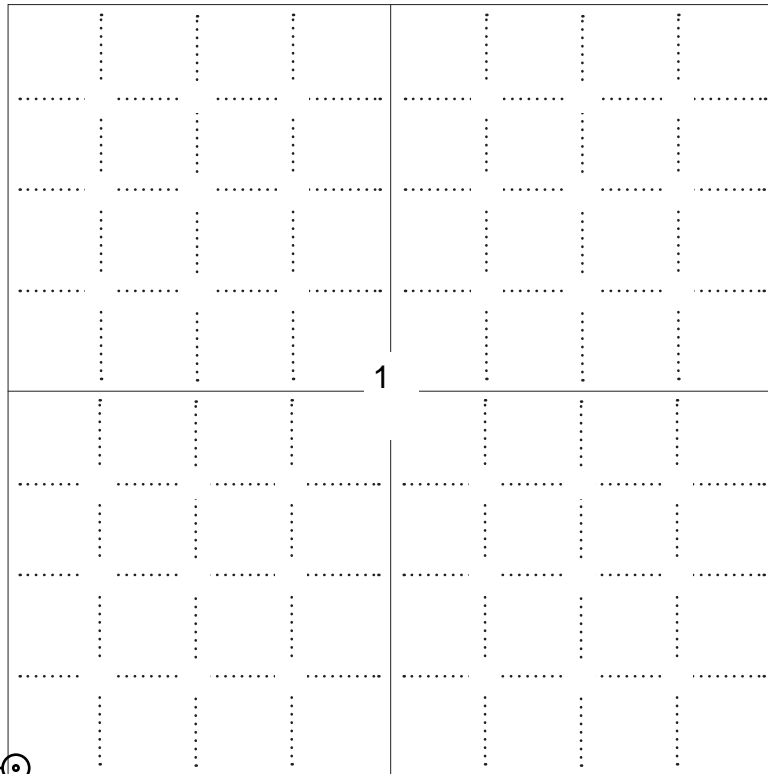
Is Section: Regular or Irregular

If Section is Irregular, locate well from nearest corner boundary.

Section corner used: NE NW SE SW

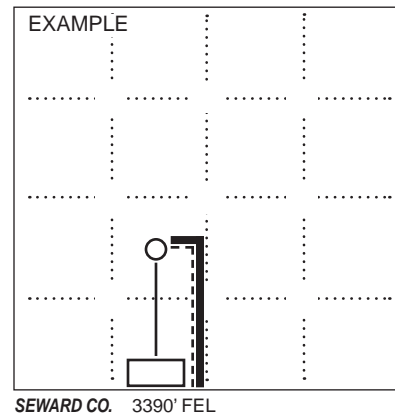
PLAT

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.



LEGEND

- Well Location
- Tank Battery Location
- Pipeline Location
- Electric Line Location
- Lease Road Location



50 ft.

NOTE: In all cases locate the spot of the proposed drilling locaton.

50 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.



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: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>		Pit is: <input type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)	
Is the pit located in a Sensitive Ground Water Area? <input type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? <input type="checkbox"/> Yes <input type="checkbox"/> No		Artificial Liner? <input type="checkbox"/> Yes <input type="checkbox"/> No	
How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: _____ (feet) <input type="checkbox"/> 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: _____ feet Depth of water well _____ feet		Depth to shallowest fresh water _____ feet. Source of information: <input type="checkbox"/> measured <input type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR	
Emergency, Settling and Burn Pits ONLY: Producing Formation: _____ 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? <input type="checkbox"/> Yes <input type="checkbox"/> No		Drilling, Workover and Haul-Off Pits ONLY: Type of material utilized in drilling/workover: _____ Number of working pits to be utilized: _____ Abandonment procedure: _____ _____ Drill pits must be closed within 365 days of spud date.	
Submitted Electronically			

KCC OFFICE USE ONLY			
Date Received: _____		Permit Number: _____	
Permit Date: _____		Lease Inspection: <input type="checkbox"/> Yes <input type="checkbox"/> No	
		<input type="checkbox"/> Liner <input type="checkbox"/> Steel Pit <input type="checkbox"/> RFAC <input type="checkbox"/> RFAS	



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 (Cathodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)

OPERATOR: License # _____
Name: _____
Address 1: _____
Address 2: _____
City: _____ State: _____ Zip: _____ + _____
Contact Person: _____
Phone: (_____) _____ Fax: (_____) _____
Email Address: _____

Well Location:
____ - ____ - ____ - ____ Sec. ____ Twp. ____ 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: _____ State: _____ Zip: _____ + _____

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.

I Submitted Electronically

Cathodic Protection Installation Request



Region: <u>CENTRAL</u>	Area: <u>KANSAS</u>	Pipeline: <u>TALLGRASS - REPLACEMENT</u>
Alignment Sheet: _____	Tract: <u>6918-9-SC-28</u>	Mile Post: <u>293.120</u>
State: <u>KANSAS</u>	County: <u>SCOTT</u>	Latitude: <u>38.599074</u>
Section: <u>1</u>	1/4 Sec.of 1/4: <u>SW 1/4</u>	Longitude: <u>-100.75543</u>
Section: _____	1/4 Sec.of 1/4: _____	Township: <u>17S</u>
Section: _____	1/4 Sec.of 1/4: _____	Range: <u>31W</u>
Location: _____		
Property Owner: _____		
Contact & Information: <u>BUENA VISTA 1 & 2 LLC - CAROL HARFMAN, P.O. BOX 328, HAYS KS 67601 785-625-2002</u>		
Power Company: _____		
Contact and Information: <u>UTILITY POWER EXISTS - TALLGRASS ENERGY RECTIFIER</u>		
Groundbed Type: <u>DEEP</u>	Current Required: <u>50A</u>	Soil Resistance: <u>10000</u>
Anode Type: <u>LIDA - MIXED METAL OXIDE</u>	Number of Anodes: <u>12</u>	Type of Backfill: <u>LORESCO SC3</u>
Amount of Backfill: <u>200</u>	Type of Cable: <u>#8 KYNAR DUAL EXTRUDED WIRE</u>	Amount of Cable: <u>450'</u>
New Rectifier Required: (yes/no): <u>NO</u>	Rectifier Type: <u>N/A</u>	Anode Depth: <u>395</u>
Anode Spacing: <u>10'</u>	Anode Hole Specs: <u>400' X 10"</u>	Design Life: <u>20 YEARS</u>
Required Installation Date: _____		Construction Company: _____
Driving Directions	FROM INTERSECTION OF SCOTT LANE COUNTY ROAD AND KS HWY 4, PROCEED WEST FOR .99 MILES TO INTERSECTION OF WILLOW ROAD AND HWY 4. TURN 30' INTO FIELD ROAD TO THE NORTH AND RECTIFIER WILL BE ON THE NORTH SIDE OF THE ROAD.	
Details:	GROUNDBED TO BE COMPLETED BELOW GRADE AND WIRES TERMINATED INSIDE JUNCTION BOX INSIDE STATION FENCING. USE EXISTING RECTIFIER/POWER POLE AND TERMINATE ANODE LEADS AT RECITIFER	
Requested By: <u>TVANGOOR</u>	Date: <u>09/01/17</u>	
Company No.: _____	Operating Unit: _____	Cost Center: _____

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



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

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