

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

#### Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

Form CB-1 March 2010 Form must be Typed Form must be Signed All blanks must be Filled

### **CATHODIC PROTECTION BOREHOLE INTENT**

	ty (60) days prior to commencing well.  Surface Owner Notification Act, MUST be submitted with this form.
Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R E W
OPERATOR: License#	(Q/Q/Q/Q) feet from N / S Line of Section
OPERATOR: License#	feet from E / W Line of Section
Name:	Is SECTION: Regular Irregular?
Address 1:	
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:	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):	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 Depthfeet	(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
Anode installation depths are:;; ;; ;;	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:
AFFIDAVIT	Depth of TOP of Backfill installation material:
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
t is agreed that the following minimum requirements will be met:	
<ol> <li>Notify the appropriate District office prior to spudding and again before plugging the and placement is necessary prior to plugging. In all cases, notify District Office prio</li> </ol>	, , ,
2. Notify appropriate District Office 48 hours prior to workover or re-entry.	to any groung.
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 ton when the cathodic surface casing is set
	form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act
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:	
(This authorization void if drilling not started within 12 months of approval date.)	
	Date Signature of Operator or Agent
Spud date: Agent:	

Side Two

1307654

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.

ator:						_ Loc	Location of Well: County:				
ity Name:							feet from N / S Line of Section				
ole Number:_								feet from E / W Line of S			
						Sed	c	Twp S. R			
						ls S	Section:	Regular or Irregular			
							Section is I	Irregular, locate well from nearest corner boundary			
					_			nit boundary line. Show the predicted locations of sas Surface Owner Notice Act (House Bill 2032).			
				You m	ay attach a	a separate	plat if des	ired.			
	:	:	:		:	:	:				
	:	:	<u>:</u>		:	:	:	LEGEND			
		•	•	••••	•		•				
		•						( ) Wall Location			
	:	:	:		:	:	:	O Well Location			
		:	: :		:		:	Tank Battery Location			
••••	: :		:		:	: :	:	Tank Battery Location Pipeline Location			
••••			: 	•••••				Tank Battery Location Pipeline Location Electric Line Location			
					:			Tank Battery Location Pipeline Location			
					:			Tank Battery Location Pipeline Location Electric Line Location			
				•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			
			6	•••••	:			Tank Battery Location Pipeline Location Electric Line Location Lease Road Location  EXAMPLE			

40 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.



### Kansas Corporation Commission Oil & Gas Conservation Division

Form CDP-1 May 2010 Form must be Typed

#### **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:	Pit is:					
Emergency Pit Burn Pit	Proposed	Existing	SecTwpR East West			
Settling Pit Drilling Pit	If Existing, date con	structed:	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 N	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)			
Is the bottom below ground level?  Yes No	Artificial Liner?	0	How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fee	t)	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to dee	pest point:	(feet) No Pit			
material, thickness and installation procedure.		liner integrity, in	cluding any special monitoring.			
Distance to nearest water well within one-mile of	of pit:	Depth to shallor Source of inforr	west fresh water feet. nation:			
feet Depth of water well	feet	measured	well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	ver and Haul-Off Pits ONLY:			
Producing Formation:		Type of materia	l 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 splow into the pit? Yes No	pilled fluids to	Drill pits must be closed within 365 days of spud date.				
Submitted Electronically						
	ксс	OFFICE USE O	NLY  Liner Steel Pit RFAC RFAS			
Date Received: Permit Numl	ber:	Permi	t Date: Lease Inspection: Yes No			



1307654

Form KSONA-1
January 2014
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) CE	<b>3-1</b> (Cathodic Protection Borehole Intent)
OPERATOR: License #	Well Location:
Name:	
Address 1:	·
Address 2:	
City: State: Zip:+	the lease below:
Contact Person:	<del>_</del>
Phone: ( ) Fax: ( )  Email Address:	
Surface Owner Information:	
Name:	
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:	
the KCC with a plat showing the predicted locations of lease roads,	athodic Protection Borehole Intent), you must supply the surface owners and tank batteries, pipelines, and electrical lines. The locations shown on the plat ed on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.
owner(s) of the land upon which the subject well is or will	ce Act (House Bill 2032), I have provided the following to the surface be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form orm being filed is a Form C-1 or Form CB-1, the plat(s) required by this ax, and email address.
KCC will be required to send this information to the surfac	I acknowledge that, because I have not provided this information, the se owner(s). To mitigate the additional cost of the KCC performing this lress of the surface owner by filling out the top section of this form and the KCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 hand form and the associated Form C-1, Form CB-1, Form T-1, or Form	dling fee with this form. If the fee is not received with this form, the KSONA-1 CP-1 will be returned.
Submitted Electronically	



# I-70 New Prose





## Legend



Deep\_Well\_GB



Rectifier



Pipeline

Ellsworth County 40' FSL 1067' FEL

0 0.075 0.15 0.3 0.45 0.6 Miles

		T	YPE 4	PA	GE _	1	OF
		PROJECT					
CLIENT: ONEOK		NAME:	Groundbed Insta	llation	_ DATE D	ORILLED: <u>T</u>	BD
SITE: Multple		LOCATION	I: Kansas				
OTHER ID#	FAC	ILITY:		GPS			
DRILLING							
COMPANY: COMPANY SE	RVICING TOOLS	RIG:		BOREH	OLE: <u>10 ir</u>	nch	
LOGGED		DRILLING					
BY:		METHOD:	Wet Rotary or Dr	ry F	LUID Wat	er if wet rota	ary

	TYPE	INTERVAL	MATERIAL	JOINT LENGTH	DIAMI
CASING:	SDR 21	0-20'	PVC		10
SCREEN:					
GROUT:					
SEAL:					
FILTER PACK:					

DEPTH (FT.) DEEP GROUNDBED WELL CONSTRUCTION DESCRIPTION/COMMENTS 3 0 I L Casin 20" Casing 10 P U R E GOLD g B E N T O N I T E 120 140 LORES CO BREEZE  $\mathsf{L}\;\mathsf{I}\;\;\mathsf{D}\;\;\mathsf{A}$ ANODES 250

Not to scale

Initial Depth to Water: Static Depth to Water:

Comments

ETER

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



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

Sam Brownback, Governor

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

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.