

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

#### Kansas Corporation Commission Oil & Gas Conservation Division

1311723

Form CB-1

March 2010

Form must be Typed

Form must be Signed

All blanks must be Filled

### **CATHODIC PROTECTION BOREHOLE INTENT**

	y (60) days prior to commencing well.  urface Owner Notification Act, MUST be submitted with this form.
Expected Spud Date:	Spot Description:
month day year	Sec Twp S. R T W
ODED ITOD III	feet from N / S Line of Section
OPERATOR: License#	feet from E / W Line of Section
Name:	
Address 1:	Is SECTION: Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City:	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): 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:;;	
;;;;;	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
It is agreed that the following minimum requirements will be met:	
Notify the appropriate District office prior to spudding and again before plugging the vand placement is necessary prior to plugging. In all cases, notify District Office prior	,
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.
<ol> <li>File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to Drill (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completion d. Submit plugging report (CP-4) within 30 days after final plugging is completed.</li> </ol>	rm CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act Form (ACO-1) within 30 days from spud date.
··· · · · · · · · · · · · · · · · · ·	· · · · · · · · · ·
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
	to the address below.
Conductor pipe requiredfeet	
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.)	 
(11115 data or 12 autor 12 aut	
Cruid data.	Date Signature of Operator or Agent

1311723

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:	Location of Well: County:
Facility Name:	feet from N / S Line of Section
Borehole Number:	feet from E / W Line of Section
	SecTwpS. R
	Is Section: Regular or Irregular
	If Section is Irregular, locate well from nearest corner boundary.
	Section corner used: NE NW SE SW
	LAT
	earest lease or unit boundary line. Show the predicted locations of puried by the Kansas Surface Owner Notice Act (House Bill 2032).
	eparate plat if desired.
ŕ	,
: : : :	:
	LECEND
	LEGEND
	O Well Location
	Tank Battery Location
: : : :	Pipeline Location
	: Electric Line Location
	Lease Road Location
	Lease Road Location
16	EXAMPLE
: : : : :	
	1980' FSL
	;     Y
	· · · · · · · · · · · · · · · · · · ·
2490 ft. : : : : : : : : : : : : : : : : : : :	SEWAND GO. 3330 FEL
NOTE: In all cases locate the spot of the proposed drilling I	ocaton

26 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	SecTwp R			
Settling Pit Drilling Pit	If Existing, date cons	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	Ю	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 (feet	t)	Width (feet) N/A: Steel Pits			
Depth fro	om ground level to deep	pest point:	(feet) No Pit			
If the pit is lined give a brief description of the li material, thickness and installation procedure.			dures for periodic maintenance and determining cluding any special monitoring.			
Distance to nearest water well within one-mile of	of pit:	Depth to shallow Source of inform	west fresh water feet.			
feet Depth of water wellfeet			well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY: Drilling, Workover and Haul-Off Pits C			ver and Haul-Off Pits ONLY:			
Producing Formation: Type of materia		al utilized in drilling/workover:				
Number of producing wells on lease: Number of work		king pits to be utilized:				
·		procedure:				
Does the slope from the tank battery allow all spilled fluids to flow into the pit? Yes No Drill pits must be		be closed within 365 days of spud date.				
Submitted Electronically						
	KCC O	OFFICE USE OF	NLY  Liner Steel Pit RFAC RFAS			
Date Received: Permit Numl	ber:	Permi	t Date: Lease Inspection: Yes No			



#### KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

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) CB-1 (C	athodic Protection Borehole Intent) T-1 (Transfer) CP-1 (Plugging Application)
OPERATOR: License #	Well Location:
Name:	SecTwpS. R East _ West
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:	
the KCC with a plat showing the predicted locations of lease roads, tank	dic Protection Borehole Intent), you must supply the surface owners and batteries, pipelines, and electrical lines. The locations shown on the plat 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 be lo	ct (House Bill 2032), I have provided the following to the surface ocated: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form being filed is a Form C-1 or Form CB-1, the plat(s) required by this and email address.
KCC will be required to send this information to the surface ow	cknowledge that, because I have not provided this information, the ner(s). To mitigate the additional cost of the KCC performing this of the surface owner by filling out the top section of this form and CCC, which is enclosed with this form.
If choosing the second option, submit payment of the \$30.00 handling form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1	fee with this form. If the fee is not received with this form, the KSONA-1 1 will be returned.
Submitted Electronically	



# City of Liberal



0.45



### Legend

Rectifier

• Deep\_Well\_GB

— Pipeline

Seward County 26' FSL 2490' FWL

	T	YPE 3	PAGE	1	OF
CLIENT: ONEOK	PROJECT NAME:	Groundbed Insta	llation [	DATE DRILLED: T	BD
SITE: Multple	LOCATION	l: Kansas			
OTHER ID#	FACILITY:		GPS		
DRILLING COMPANY: COMPANY SERVICING TOOLS	RIG:		BOREHOLI	E: 10 inch	
LOGGED BY:	DRILLING METHOD:	Wet Rotary or D	<del></del> ry FLUI	ID Water 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 S O I L 20" Casin Casing CEMENTED CASING g P U R E GOLD B E N T O N I T E 120 110 130 LORES CO BREEZE GRAPHITE ANODES 12 250

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.