CORRECTION #1

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

Kansas Corporation Commission OIL & GAS CONSERVATION DIVISION

1348073

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.

of Compliance with the Kansas Surface Owner Notification Act, MUST be submitted with this form

OPERATOR: License#	Expected Spud Date:	Spot Description:
Control Person:		
Section E f W Line of Sect		(0/0/0/0)
Address 31		
Check directions from nearest outside corner boundries		
Country		
Contractron: Licenses! CONTRACTOR: Licenses! Name:		(Check directions from nearest outside corner boundries)
Phone:	·	County:
CONTRACTOR: License# Same:		Facility Name:
Name: Type Drilling Equipment: Mud Rotary Cable Depth to Bedrook: Depth to Depth to Bedrook: Depth to Depth		
Depth to Bedrock Garban Cable Construction Features Length of Carbodic Surface (Non-Motaliic) Casing Planned to be set:		
Water Information		·
Aquifer Penetration: None Single Multiple		•
Depth to bottom of fresh water:		
Planned to be set:		
Length of Conductor pipe (if any):	, , ,	,
Surface casing borehole size:		
Cathodic surface casing size:		
Walter Well Location: Cathodic surface casing will terminate at: Above surface Surface Vault Below Surface Vault Stream DWR Permit # Standard Dimension Ratio (SDR) is = (Cathodic surface casing will be used: Yes No Depth feet Standard Dimension Ratio (SDR) is Stream Cathodic surface valut Stream DWR Permit # Standard Dimension Ratio (SDR) is Cathodic surface valut Stream DWR Permit # Standard Dimension Ratio (SDR) is Cathodic surface valut Stream Cathodic value	•	
Cathodic surface casing will terminate at: Above surface Surface Vault Below Surface Vault Standard Dimension Ratio (SDR) is =		
Cathodic surface casing will terminate at: Above surface Surface Vault Below Surface Vault Standard Dimension Ratio (SDR) is =		
Standard Dimension Ratio (SDR) is = Cathodic surface Vault Below Surface Vault Get Anode installation depths are:		
Pittess casing adaptor will be used: Yes No Depth feet Anode installation depths are: ; ; ; ; ; ; ; Anode installation depths are: ; ; ; ; ; ; ; ; Anode installation depths are: ; ; ; ; ; ; ; ; ; 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: In 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. A copy of the approved notice of intent to drill shall be posted on each drilling rig. 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. File all required forms: a. Flori Pitt Paplication (from CDP-1) with Intent to Pitt (from RSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Completion Form (ACO-1) within 60 days from spud date. Submitted Electronically If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below. Minimum Cathodic Surface Casing Required: feet Approved by: This authorization expires: (This authorization void if drilling not started within 12 months of approval date.) Date Signature of Operator or Agent		
Annular space between borehole and casing will be grouted with: Concrete Neat Cement Bentonite Cement		
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. 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) will Cathodic Protection Borehole Intent (GB-1) c. File Completion Form (ACC-1) within 60 days from spud date. Submitted Electronically For KCC Use ONLY API # 15		1 '
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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		
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For KCC Use ONLY API # 15		
For KCC Use ONLY API # 15		
API # 15	Submitted Electronically	
Conductor pipe required	For KCC Use ONLY	
Conductor pipe required	ΔPI # 15 -	If this permit has expired or will not be drilled, check a how below given, data and return
Minimum Cathodic Surface Casing Required:feet Approved by:		
Approved by:	Conductor pipe requiredfeet	
Approved by:	Minimum Cathodic Surface Casing Required:feet	Permit Expired Well Not Drilled
This authorization expires:	Approved by:	
(This authorization void if drilling not started within 12 months of approval date.) Date Signature of Operator or Agent		
Date Signature of Operator or Agent	·	
	· · · · · · · · · · · · · · · · · · ·	Date Signature of Operator or Agent
Spud date: Agent:	Spud date: Agent:	Signature of operator of rigorit

CORRECTION #1	
Gide Tille	1348073

SEWARD CO. 3390' FEL

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.

perator:			Lo	ocation of We	ell: County:
cility Name:					feet from N / S Line of Section
orehole Number:					feet from L E / W Line of Section
			Se	ec	Twp S. R E W
			Is	Section:	Regular or Irregular
			If	Section is I	rregular, locate well from nearest corner boundary.
			Se	ection corne	r used: NE NW SE SW
Show location	of the Cathodia	Porcholo Show fo	PLAT	loose or un	it boundary line. Show the predicted locations of
			-		as Surface Owner Notice Act (House Bill 2032).
	,,,,		nay attach a separat	-	
			2094 ft.		
:	:	:	:	:	
					LEGEND
	 :				O Well Location
					Tank Battery Location
···········		•		•	—— Pipeline Location
	:				Electric Line Location
:	:	:	.]	:	Lease Road Location
:	:	:	• · · · · · · · · · · · · · · · · · · ·	:	– 1995 ft.
		10			EXAMPLE :
:	· :	<u>:</u> :	· · ·	:	
	·····	:	·		
		:	ii	:	
:	:		:	:	1980' FSL
	:				
	:		:	:	

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

1348073

Form CDP-1 July 2014 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: Emergency Pit Burn Pit	Pit is:		SecTwp R	
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:	(bbls)	Feet from East / West Line of SectionCounty	
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?	No	How is the pit lined if a plastic liner is not used?	
Pit dimensions (all but working pits):	Length (fee	et)	Width (feet) N/A: Steel Pits	
Depth fro	om ground level to dee	epest point:	(feet) No Pit	
material, thickness and installation procedure. liner integrity, including any special monitoring.				
		Depth to shallowest fresh water feet. Source of information:		
feet Depth of water well	feet	measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Work	over and Haul-Off Pits ONLY:	
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		Drill pits must be closed within 365 days of spud date.		
Submitted Electronically				
KCC OFFICE USE ONLY Liner Steel Pit RFAC RFAS				
Date Received: Permit Num	ber:	Permi	it Date: Lease Inspection: Yes No	

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION 1348073

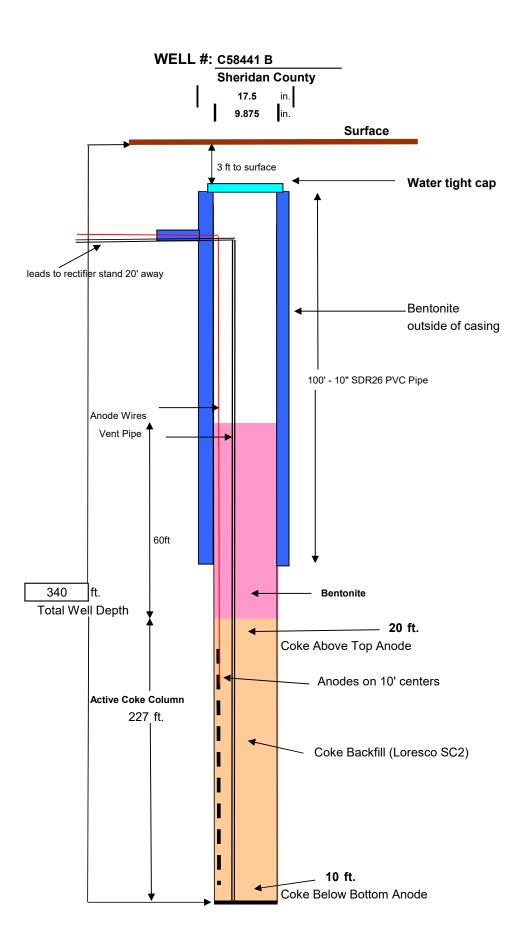
Form KSONA-1
July 2014
Form Must Be Typed
Form must be Signed
All blanks must be Filled

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 (Cathodic 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:	If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:		
Contact Person:	life lease below.		
Phone: () Fax: ()			
Email Address:			
Surface Owner Information:			
Name:	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		
Address 1:			
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 are preliminary non-binding estimates. The locations may be entered of Select one of the following: I certify that, pursuant to the Kansas Surface Owner Notice A owner(s) of the land upon which the subject well is or will be I CP-1 that I am filing in connection with this form; 2) if the form form; and 3) my operator name, address, phone number, fax, a KCC will be required to send this information to the surface owner(s). I a KCC will be required to send this information to the surface owners, I acknowledge that I must provide the name and address that I am being charged a \$30.00 handling fee, payable to the If choosing the second option, submit payment of the \$30.00 handling	acknowledge that, because I have not provided this information, the wner(s). To mitigate the additional cost of the KCC performing this is of the surface owner by filling out the top section of this form and KCC, which is enclosed 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 Submitted Electronically	1 will be returned.		
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Summary of Changes

API/Permit #: 15-179-21430-00-00

Doc ID: 1348073

Correction Number: 1

Approved By: Rick Hestermann 03/13/2017

Field Name	Previous Value	New Value
Cathodic Surface Casing will Terminate At	AboveSurface	BelowSurfaceVault
KCC Only - Approved By	Rick Hestermann 12/27/2016	Rick Hestermann 03/13/2017
KCC Only - Permit Date	12/27/2016	03/13/2017
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=13 25428	//kcc/detail/operatorE ditDetail.cfm?docID=13 48073

Summary of Attachments

Doc ID: 1348073

Correction Number: 1
Attachment Name

well design