For KCC Use:

Effective	Date:	

District #	¥	
SGA?	Yes	No

# 

1263231

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

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#	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: 🛛 Mud Rotary 🗌 Cable	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:;;	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)
Anada installation donthe area	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.	
or the work will comply with N.C.A. 00-101 et. 364.	

It is agreed that the following minimum requirements will be met:

- 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.
- 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 30 days from spud date.
   d. Submit plugging report (CP-4) within 30 days after final plugging is completed.

### 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:	
	Date Signature of Operator or Agent
Spud date: Agent:	

For	ксс	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 feet from E / W Line of Section
Borehole Number:	feet from L E / W Line of Section
	SecTwpS. R E U 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
•••••				•••••				O Well Location
	-		-					_
	:	•	:		:	•	:	Tank Battery Location
••••				•••••				. Pipeline Location
	-	:	•		•	:	•	
	:	:				:		Lease Road Location
••••				•••••			•	
	:	•	•		•	•	•	
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								SEWARD CO. 3390' FEL
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IUIE. III	ali cases	iocale III	e spor or i	ne propo		iy iocatori	•	
							7	720 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.

CORRECTION #1

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

Form must be Typed

Form CDP-1 May 2010

# **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 co	nstructed:	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	No	Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner?	10	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	
			dures for periodic maintenance and determining cluding any special monitoring.	
Distance to nearest water well within one-mile of pit: Depth to shall Source of infor		west fresh water feet. mation:		
feet Depth of water wellfeet		measured	well owner electric log KDWR	
Emergency, Settling and Burn Pits ONLY:		Drilling, Worko	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: Aba			procedure:	
Does the slope from the tank battery allow all spilled fluids to         flow into the pit?       Yes       No		Drill pits must b	Drill pits must be closed within 365 days of spud date.	
Submitted Electronically				
KCC OFFICE USE ONLY				
Date Received: Permit Numl	ber:	Permi	it Date: Lease Inspection: Yes No	

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

# CORRECTION #1

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

OPERATOR: License #	Well Location:		
Name:			
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 o the lease below:		
Contact Person:			
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: State: Zip:+			

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.

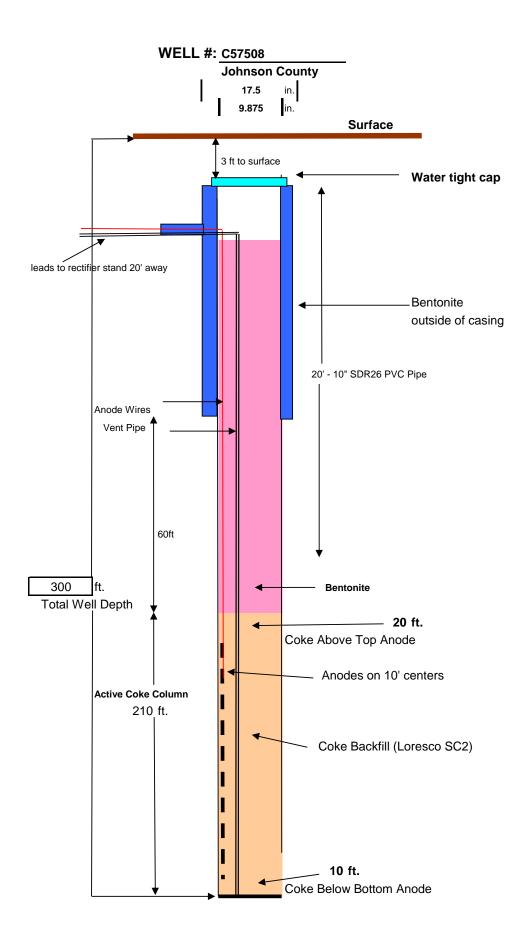
### Submitted Electronically

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Form	CB1CDP1 - Cathodic Protection Borehole Intent
Operator	Southern Star Central Gas Pipeline, Inc.
Well Name	C57508 01
Doc ID	1263231

# Anode Installation Depths

epth	
90	
80	
70	
60	
50	
40	
30	
20	
00	
90	
80	
70	
60	
50	
40	
30	
20	



# Summary of Changes

API/Permit #: 15-091-24417-00-00

Doc ID: 1263231

Correction Number: 1

Approved By: Rick Hestermann 09/04/2015

Field Name	Previous Value	New Value
Anode Vent Pipe Set At	Below surface	n/a
CathodeDepth_1	80	20
CathodeDepth_2	40	
Depth to Bottom of Fresh Water		100
Depth to Bottom of Usable Water		300
KCC Only - Approved By	Rick Hestermann 08/24/2015	Rick Hestermann 09/04/2015
KCC Only - Approved Date	08/24/2015	09/04/2015
Length Cathodic Surface Casing	80	20
Save Link	//kcc/detail/operatorE ditDetail.cfm?docID=12 61764	//kcc/detail/operatorE ditDetail.cfm?docID=12 63231

# Summary of Attachments

Doc ID: 1263231 Correction Number: 1 Attachment Name

WELL DESIGN