

For KCC Use:
Effective Date: 09/06/2017
District # 4
SGA? ☐ Yes ☒ No

KANSAS CORPORATION COMMISSION 1364587
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: 10/01/2017
month day year

OPERATOR: License# 33097
Name: Southern Star Central Gas Pipeline, Inc.
Address 1: 4700 HWY 56
Address 2:
City: OWENSBORO State: KY Zip: 42301 + 9303
Contact Person: SETH TURNER
Phone: 270-852-5000

CONTRACTOR: License# 32775
Name: McLean's CP Installation, Inc.
Type Drilling Equipment: ☒ Mud Rotary ☐ Cable
☐ Air Rotary ☐ Other

Construction Features

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 20 feet
Length of Conductor pipe (if any): 0 feet
Surface casing borehole size: 16.5 inches
Cathodic surface casing size: 10.5 inches
Cathodic surface casing centralizers set at depths of: 20 ;
; ; ; ; ; ; ; ; ;
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: 195 ; 185 ; 175 ; 165 ; 155 ;
145 ; 135 ; 125 ; 115 ; 105 ; ; ; ; ;

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 - 15-153-21199-00-00
Conductor pipe required 0 feet
Minimum Cathodic Surface Casing Required: 20 feet
Approved by: Rick Hestermann 09/01/2017
This authorization expires: 09/01/2018
(This authorization void if drilling not started within 12 months of approval date.)
Spud date: Agent:

Spot Description:
NW - NE - NW - NW Sec. 24 Twp. 5 S. R. 35 ☐ E ☒ W
(Q/Q/Q/Q) 210 feet from ☒ N / ☐ S Line of Section
675 feet from ☐ E / ☒ W Line of Section

Is SECTION: ☒ Regular ☐ Irregular?

(Check directions from nearest outside corner boundaries)

County: Rawlins
Facility Name: C59649B
Borehole Number: 1
Ground Surface Elevation: 3281 Estimated MSL
Cathodic Borehole Total Depth: 200 feet
Depth to Bedrock: 300 feet

Water Information

Aquifer Penetration: ☐ None ☒ Single ☐ Multiple
Depth to bottom of fresh water: 300
Depth to bottom of usable water: 300
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 # Apply if needed.

Standard Dimension Ratio (SDR) is = 26

(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: 3 feet above surface
Anode conductor (backfill) material TYPE: SC2
Depth of BASE of Backfill installation material: 200
Depth of TOP of Backfill installation material: 80
Borehole will be Pre-Plugged? ☐ Yes ☒ No

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

1364587

For KCC Use ONLY

API # 15 - 15-153-21199-00-00

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: Southern Star Central Gas Pipeline, Inc.
 Facility Name: C59649B
 Borehole Number: 1

Location of Well: County: Rawlins
210 feet from ☒ N / ☐ S Line of Section
675 feet from ☐ E / ☒ W Line of Section
 Sec. 24 Twp. 5 S. R. 35 ☐ E ☒ W

Is Section: ☒ Regular or ☐ Irregular

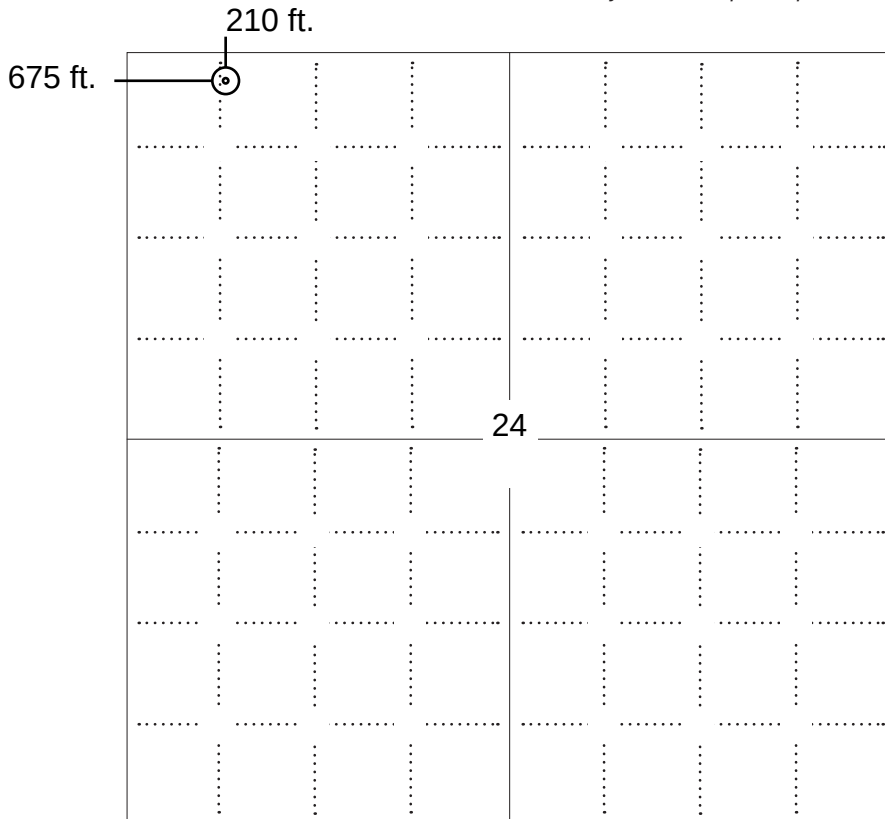
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

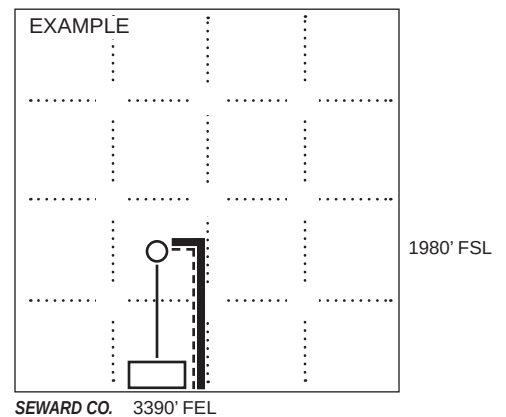
PLAT

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



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

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

1364587

Form CDP-1
July 2014
Form must be Typed

APPLICATION FOR SURFACE PIT

Submit in Duplicate

Operator Name: Southern Star Central Gas Pipeline, Inc.		License Number: 33097	
Operator Address: 4700 HWY 56		OWENSBORO KY 42301	
Contact Person: SETH TURNER		Phone Number: 270-852-5000	
Lease Name & Well No.:		Pit Location (QQQQ): NW - NE - NW - NW Sec. 24 Twp. 5 R. 35 ☐ East ☐ West 210 Feet from ☒ North / ☐ South Line of Section 675 Feet from ☐ East / ☒ West Line of Section Rawlins County	
Type of Pit: ☐ Emergency Pit ☐ Burn Pit ☐ Settling Pit ☐ Drilling Pit ☐ Workover Pit ☐ Haul-Off Pit <i>(If WP Supply API No. or Year Drilled)</i>	Pit is: ☐ Proposed ☐ Existing If Existing, date constructed: _____ Pit capacity: _____ (bbls)		
Is the pit located in a Sensitive Ground Water Area? ☐ Yes ☒ No		Chloride concentration: _____ mg/l <i>(For Emergency Pits and Settling Pits only)</i>	
Is the bottom below ground level? ☐ Yes ☐ No	Artificial Liner? ☐ Yes ☐ No	How is the pit lined if a plastic liner is not used? N/A	
Pit dimensions (all but working pits): _____ Length (feet) _____ Width (feet)		☒ N/A: Steel Pits	
Depth from ground level to deepest point: _____ (feet)		☐ No Pit	
If the pit is lined give a brief description of the liner material, thickness and installation procedure. WE ARE USING STEEL PITS		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. WE ARE USING STEEL PITS	
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: ☐ measured ☐ well owner ☐ electric log ☐ 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? ☐ Yes ☐ 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

☐ Liner ☒ Steel Pit ☒ RFAC ☐ RFAS
 Date Received: **08/31/2017** Permit Number: **15-153-21199-00-00** Permit Date: **08/31/2017** Lease Inspection: ☐ Yes ☒ No

Mail to: KCC - Conservation Division, 266 N Main St, Ste 220, Wichita, KS 67202-1513



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 # 33097
Name: Southern Star Central Gas Pipeline, Inc.
Address 1: 4700 HWY 56
Address 2: _____
City: OWENSBORO State: KY Zip: 42301 + 9303
Contact Person: SETH TURNER
Phone: (270) 852-2500 Fax: (_____) _____
Email Address: _____

Well Location:
NW NE NW NW Sec. 24 Twp. 5 S. R. 35 ☐ East ☒ West
County: Rawlins
Lease Name: C59649B Well #: 1
If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:

Surface Owner Information:

Name: TRINITY LUTHERAN CHURCH
Address 1: 855 E 5TH
Address 2: _____
City: COLBY State: KS Zip: 67701 + _____

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:

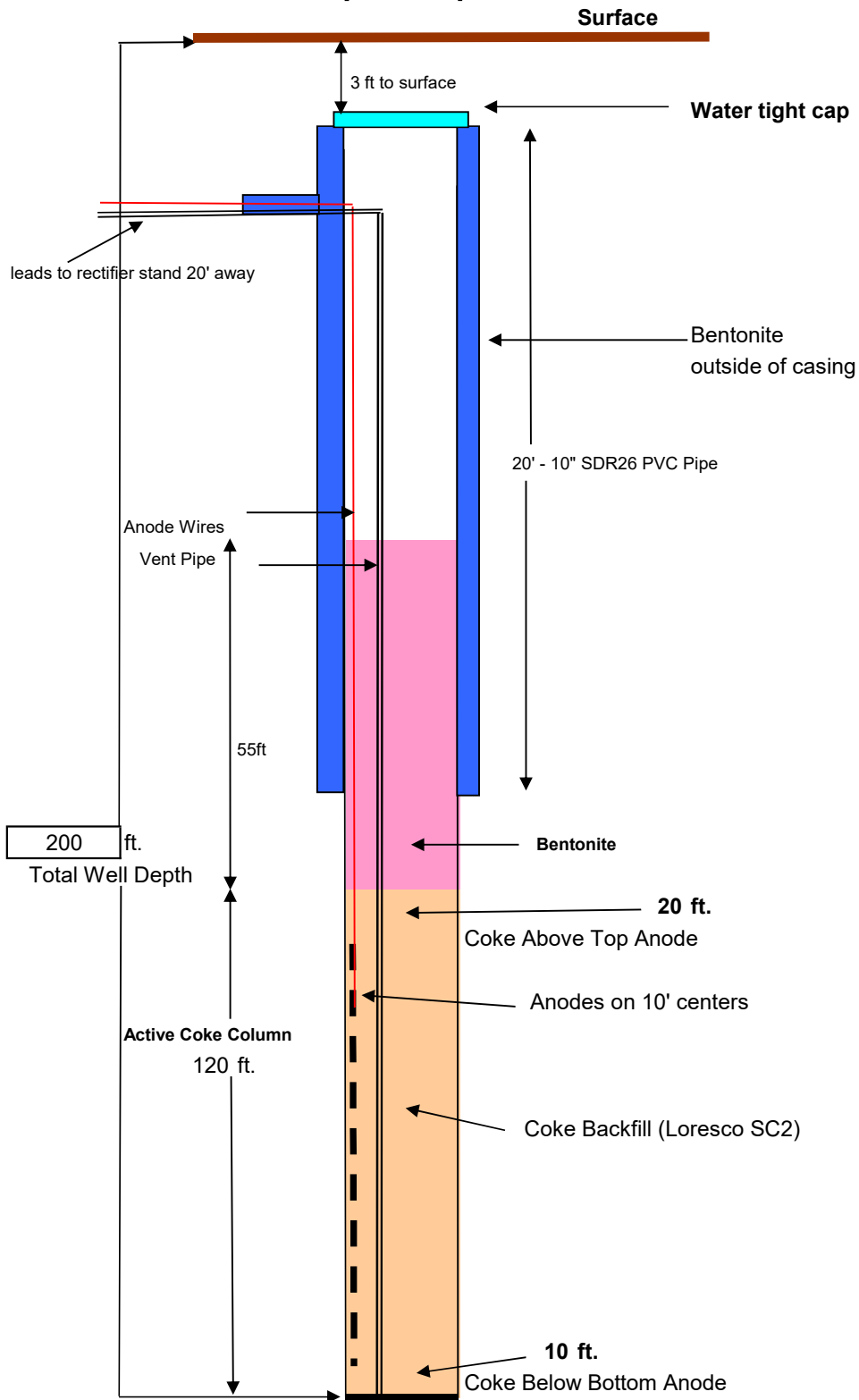
- ☒ I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with 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

I

WELL #: C59346 B
RAWLINS COUNTY
16.5 in.
10.500 in.



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: SOUTHERN STAR CENTRAL GAS PIPELINE, INC.
 Facility Name: C59649B
 Borehole Number: 1

Location of Well: County: RAWLINS
210 feet from ☒ N / ☐ S Line of Section
675 feet from ☐ E / ☒ W Line of Section
 Sec. 24 Twp. 5 S. R. 35 ☐ E ☒ W

Is Section: ☒ Regular or ☐ Irregular

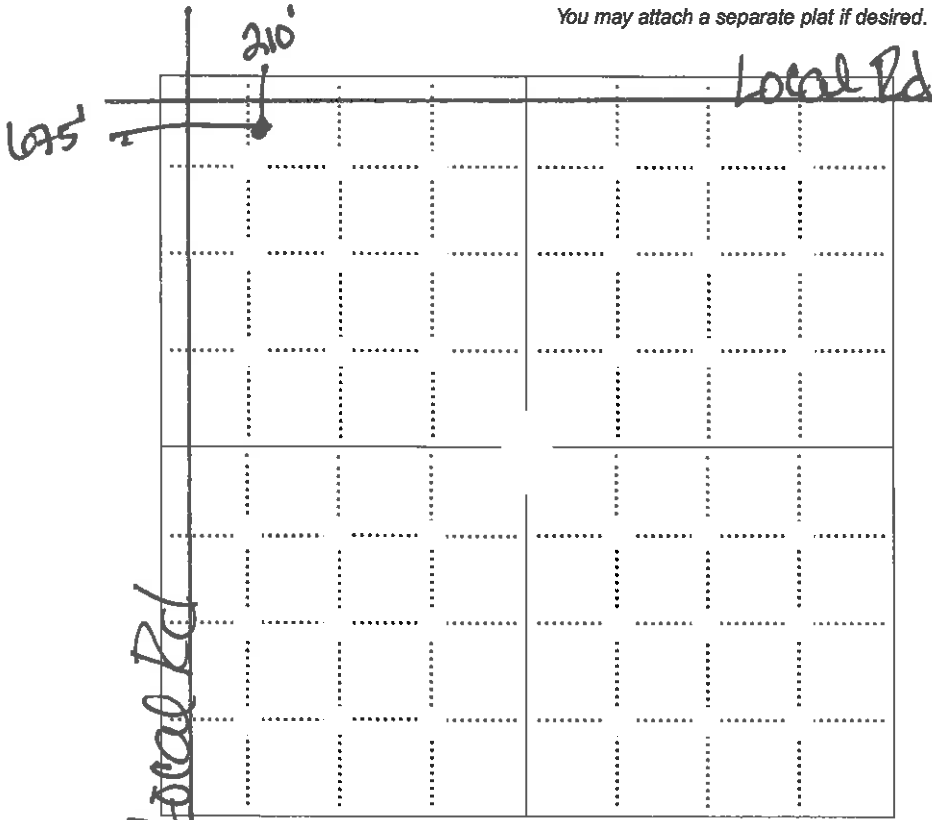
If Section is Irregular, locate well from nearest corner boundary.

Section corner used: ☐ NE ☐ NW ☐ SE ☐ SW

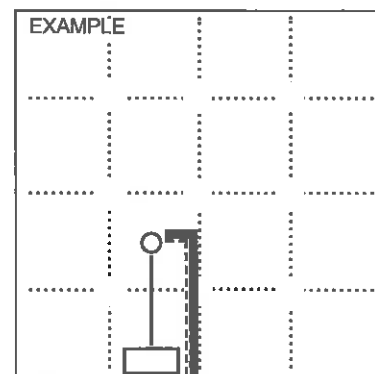
PLAT

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



SEWARD CO. 3390' FEL

1980' FSL

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

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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.

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.