For KCC Use:

Effective	Date:	

District # _		
SGA?	Yes	No

# KANSAS CORPORATION COMMISSION 1252618 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)
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	Borehole will be Pre-Plugged? Yes No
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 w	ell 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:	

API # 15 -\_



## IN ALL CASES, PLEASE FULLY COMPLETE THIS SIDE OF THE FORM.

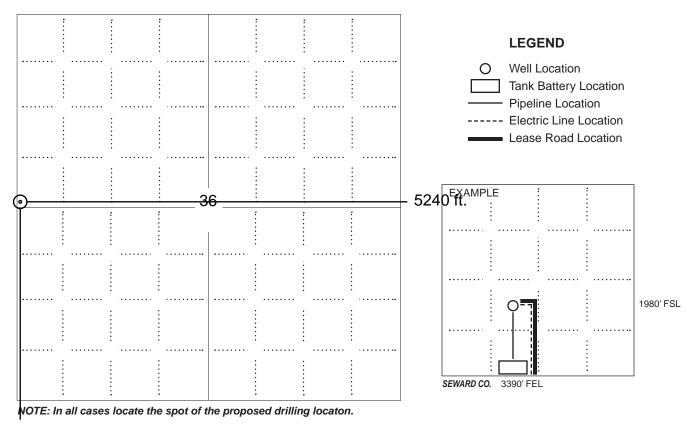
Side Two

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 L E / W Line of Section
	Sec Twp S. R 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.



#### 2702 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:		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 cor	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 Area? Yes No		Chloride concentration: mg/l (For Emergency Pits and Settling Pits only)	
Is the bottom below ground level?	Artificial Liner?		How is the pit lined if a plastic liner is not used?
Yes No	Yes N	10	
Pit dimensions (all but working pits):		,	Width (feet)N/A: Steel Pits
Depth fro	m ground level to dee	epest point:	(feet) No Pit
material, thickness and installation procedure.			
Distance to nearest water well within one-mile of	Distance to nearest water well within one-mile of pit: Depth to shallowest fresh water feet. Source of information:		
feet Depth of water wellfeet measured well owner electric log KDWR			
Emergency, Settling and Burn Pits ONLY: Drilling, Workover and Haul-Off Pits ONLY:		over and Haul-Off Pits ONLY:	
Producing Formation: Type of materia		al utilized in drilling/workover:	
Number of producing wells on lease: Number of wor		king pits to be utilized:	
Barrels of fluid produced daily:      Abandonment procedure:		procedure:	
bes the slope from the tank battery allow all spilled fluids to w into the pit? Yes No Drill pits must be closed within 365 days of spud date.		e closed within 365 days of spud date.	
Submitted Electronically			
	KCC	OFFICE USE OI	NLY
		_	Liner Steel Pit RFAC RFAS
Date Received: Permit Numl	oer:	Permi	it Date: Lease Inspection: Yes No

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



KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT Form KSONA-1 January 2014 Form Must Be Typed Form must be Signed All blanks must be Filled

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 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: 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.

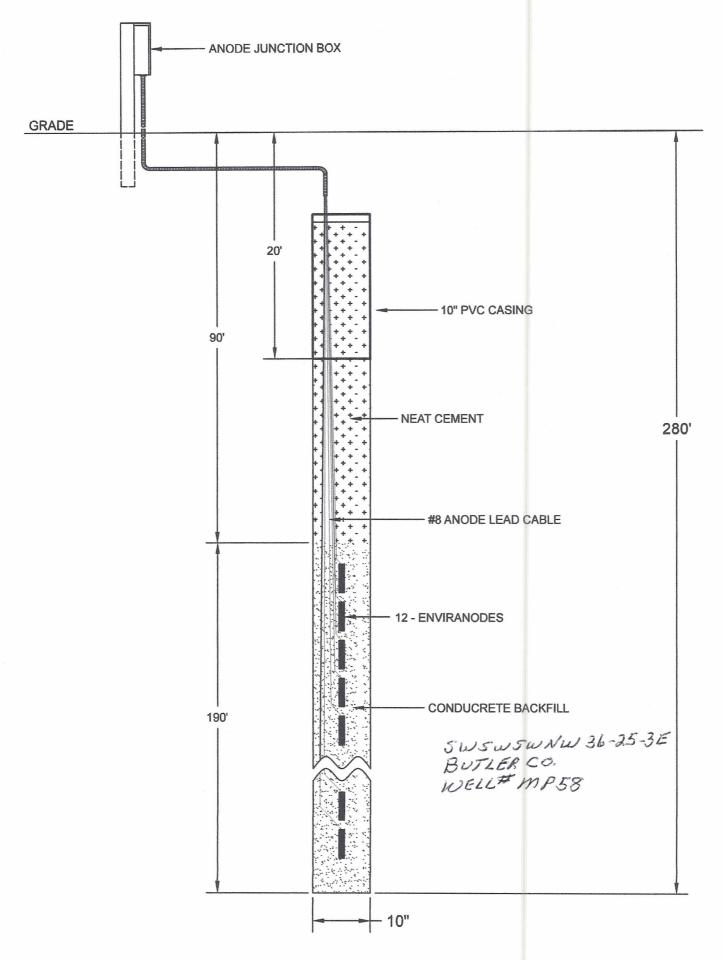
#### Select one of the following:

- 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

I



June 17, 2015

KCC Conservation Division 266 N. Main St. Suite 220 Wichita KS 67202-1513

Ref: Surface Casing Exception KAR 82-3-702(b)(4) MP58 36-25-3E Butler County

Dear Sirs:

Enclosed is a cathodic protection intent for an exception to the minimum surface pipe requirement for a multiple aquifer cathodic well bore completion, as set out in K.A.R. 82-3-702(b)(4). Mid American Pipeline Co. is requesting to set 20 feet of 10" PVC at 280 feet. Conducrete backfill from 280 feet total depth to 190 feet. The contractor will be using a mud rotary system to drill the well and steel pits will be utilized.

Thank you for your consideration of this matter.

Sincerely,

Agent

For KCC Use ONLY
API # 15 ~

Side Two

#### 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.

Facility Na	<u>MID-AMERICA PIPELINE Co. 1 (C</u> me: ELD ~58 Number:MP58	Location of Well: County: <u>BUTLER</u> <u>2202</u> feet from N / S Line of Se <u>5240</u> feet from ZE / W Line of Se Sec. <u>36</u> Twp. <u>25</u> S. R. <u>3</u> ZE W Is Section: ZRegular or Irregular
		If Section is Irregular, locate well from nearest corner boundary. Section corner used: NE NW SE SW
	Show location of the Cathodic Borehole. Show footage to the lease roads, tank batteries, pipelines and electrical lines, as r	PLAT nearest lease or unit boundary line. Show the predicted locations of required by the Kansas Surface Owner Notice Act (House Bill 2032). separate plat if desired.
		LEGEND Vell Location Tank Battery Location Pipeline Location Electric Line Location Lease Road Location
	36	5240 EXAMPLE FE

#### 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.

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

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

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner Sam Brownback, Governor

July 1, 2015

Mid-America Pipeline Company, LLC 9420 West Sam Houston Parkway North N1.248 PO Box 4324 Houston, TX 77210-4324

RE: Request for Cathodic Wellbore Variance K. A. R. 82-3-702 (b) (4) ELD-58 #MP 58 Section 36-T25S-R3E, Butler County

Dear Sirs:

The Kansas Corporation Commission has received your request, dated June 17, 2015, for an exception to the minimum surface pipe requirement for a multiple aquifer cathodic well bore completion as set out in K.A.R. 82-3-702(b)(4). From your request, the KCC understands that you are requesting to set 20 feet of 10" PVC casing and utilize Conducrete backfill in the borehole from 280 feet total depth to 90 feet and neat cement from a depth of 90 feet back to surface.

After review of this matter by technical staff it was determined that the proposed construction method will adequately protect fresh and usable water in this area.

Notify the KCC District #2 office prior to spudding the well so they may have the opportunity to witness the well construction procedure.

Sincerely,

Ryan A. Hoffman Director

cc: Rene Stucky, Production Supervisor R4 6-29-15 Jeff Klock - District #2 Supervisor V 16 e-mail 6/29/15