For KCC Use: 4-/0-2012
Effective Date: 2
District # No

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.

2-10-2012	Sas Surface Owner Notification Act, moor be submitted with time form.
Expected Spud Date:	Spot Description:
monur day year	$\frac{NE}{NE} = \frac{NW}{NE} = \frac{NW}{NE} = \frac{NW}{NE} = \frac{30}{NE} = \frac{30}{NE} = \frac{6}{NE} = \frac{4}{NE} = 4$
OPERATOR: License# 34475	(Q/Q/Q/Q) 73 feet from N / S Line of Section
Name: Transcanada Keystone Pipeline, LP	1,869 feet from E / V W Line of Section
Address 1:717 Texas ST, Ste 24100	Is SECTION: ✓ Regular Irregular?
Address 2:	(Check directions from nearest outside corner boundries)
City: Houston State: TX Zip: 77002 +	
Contact Person: Rod Weber	County.
Phone: 281-900-8168	Facility Name: MP 37.0 Borehole Number: 1
<i>.</i> ✓ ·	Ground Surface Elevation: 1267 MSL
CONTRACTOR: License# 6427	Cathodic Borehole Total Depth: 300 feet
Name: Rosencrantz-Bemis Enterprises, Inc	Depth to Bedrock: 10 feet
Type Drilling Equipment:	Water Information
✓ Air Rotary ☐ Other	Aquifer Penetration: None Single Multiple
Construction Features	Depth to bottom of fresh water:
Length of Cathodic Surface (Non-Metallic) Casing	Double to be the second of the blanch of the
Longitt of Contactor p.p. (i. city).	
ourland during bottottele sime.	18 february for Duilling Operations
Oddiodio barrado odorrig otas.	hes value Source for Drilling Operations: Well Farm Pond Stream Other
Cathodic surface casing centralizers set at depths of: 10 ; 50 90 .150 .190	Water Well Location:
Cathodic surface casing will terminate at:	DWR Permit # Apply if needed
Above surface Surface Vault Below Surface Vault	Standard Dimension Ratio (SDR) is = 26 or Less
housed and the same of the sam	(Cathodic surface csg. O.D. in inches / MWT in inches = SDR)
	Annular space between borehole and casing will be grouted with:
Anode installation depths are: $\frac{200}{}$; $\frac{210}{}$; $\frac{220}{}$; $\frac{230}{}$; $\frac{240}{}$	Concrete ✓ Neat Cement ☐ Bentonite Cement ☐ Bentonite Clay
250 260 270 280 290	Anode vent pipe will be set at: 3 feet above surface
	Anode conductor (backfill) material TYPE: SC-3 Coke Breeze
	Depth of BASE of Backfill installation material: 300
AFFIDAVIT	Depth of TOP of Backfill installation material: 3
	Borehole will be Pre-Plugged? ☐ Yes ✓ No
The undersigned hereby affirms that the drilling, completion and eventual plu of this well will comply with K.S.A. 55-101 et. seq.	lgging
It is agreed that the following minimum requirements will be met:	
 Notify the appropriate District office prior to spudding and again before pluggi and placement is necessary prior to plugging. In all cases, notify District Office 	
2. Notify appropriate District Office 48 hours prior to workover or re-entry.	
A copy of the approved notice of intent to drill shall be posted on each drilling	- -
4. The minimum amount of cathodic surface casing as specified below shall be	
File all required forms: a. File Drill Pit Application (form CDP-1) with Intent to (form KSONA-1) with Cathodic Protection Borehole Intent (CB-1) c. File Com	Drill (form CB-1). b. File Certification of Compliance with Kansas Surface Owner Notification Act pletion Form (ACO-1) within 30 days from spud date.
d. Submit plugging report (CP-4) within 30 days after final plugging is comple	ted.
I hereby certify that the statements made herein are true and to the best of	ny knowledge apar belief.
	ster Dan Title PROJECT COORDINATOR
Date: 2-01-2012 Signature of Operator or Agent:	Title: / DEU JECT COURSING THON
	•
For KCC Hea ONLY	<u> </u>
For KCC Use ONLY 0 27 - 20045-00-00	
API#15-027-20045-00-00	If this permit has expired or will not be drilled, check a box below, sign, date and return
API # 15 - 027 - 20045 - 00-00 Conductor pipe required None feet	If this permit has expired or will not be drilled, check a box below, sign, date and return to the address below.
API # 15 - 027 - 20045 - 00-00 Conductor pipe required None feet	to the address below.
API # 15 - 027-20045-00-00 Conductor pipe required	to the address below.
API # 15 - 027 - 20045 - 00-00 Conductor pipe required	to the address below. Permit Expired Well Not Drilled RECEIVED
API # 15 - 027-20045-00-00 Conductor pipe required	to the address below. Permit Expired Well Not Drilled RECEIVED
API # 15 - 027 - 20045 - 00-00 Conductor pipe required	to the address below. Permit Expired Well Not Drilled RECEIVED
API # 15 - 027-20045-00-00 Conductor pipe required	to the address below. Permit Expired Well Not Drilled RECEIVED
API # 15 - 027 - 20045 - 00-00 Conductor pipe required	to the address below. Permit Expired Well Not Drilled RECEIVED

For KCC Use ONLY

API # 15 - 027-2045-0000

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.

Name:M	IP 37.0						73	County: Clay	from N /	C s line	of Sectio
ole Number:_	1					-	1,869				of Section
						Ser	c. <u>30</u> T		R. 4	▼ E	W
							_	_	Irregular		1
						13 C	Jection.	regular or	rregular		
							Section is Irre ction corner us	gular, locate well sed: NE		corner bound	dary.
						PLAT					
Show loc	cation of the	Cathodic	Borehole.	Show foo			ease or unit bo	oundary line. Show	v the predicted I	locations of	
								Surface Owner No			
			FNL				plat if desired			·	
,		———)	, 17 F								
,	010	<i>E</i> 2\x1	,	:	:	:					
	869	PW	L		:	:			LEGEND		
	:	: ;	:		:	:	:	0	Well Location	n	
			:			:			Tank Battery	/ Location	
	• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	, 		· · · · · · · · · · · ·		*		Pipeline Loc	ation	
	:		:		:	:			 Electric Line 	Location	
			:						Lease Road	Location	
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									় -		1980' FS
									٢٦		1980' FS
									9-7		1980' FS
											1980' FS
								SEWARD CO.	9-7 3390' FEL	RE	1980' FS

In plotting the proposed location of the well, you must show:

KCC WICHITA

- 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 KSONA-1
July 2010
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 # 34475	Well Location:				
Name: Transcanada Keystone Pipeline, LP	NE NW NE NW Sec. 30 Twp. 6 S. R. 4 East West				
Name: Transcanada Keystone Pipeline, LP Address 1: 717 Texas ST, Ste 24100	County: Clay				
Address 2:	Lease Name: MP 37.0	Well #: 1			
City: Houston State: TX Zip: 77002 +		ells on a lease, enter the legal description o			
Contact Person: Rod Weber	the lease below: KCC CONSE				
Phone: (<u>281</u>) <u>900-8168</u> Fax: ()	PAID	RVATION RECEIVED			
Contact Person: Rod Weber Phone: (281) 900-8168 Fax: () Email Address: rod_weber@transcanada.com	APR 04	2012 APR 0 2 2012			
Surface Owner Information:	AMT. \$	KCC WICHITA			
Name: JUL C. MALL Address 1: 1419 CANTERBURY COURT		multiple surface owners, attach an additiona			
	owner information can be found in	to the left for each surface owner. Surfact the records of the register of deeds for the			
Address 2:	county, and in the real estate prop	perty tax records of the county treasurer.			
City: <u>(105HEN</u> State: <u>IN</u> Zip: <u>46326</u> +					
the KCC with a plat showing the predicted locations of lease roads, tank be are preliminary non-binding estimates. The locations may be entered on to Select one of the following:					
I certify that, pursuant to the Kansas Surface Owner Notice Act owner(s) of the land upon which the subject well is or will be loca CP-1 that I am filing in connection with this form; 2) if the form be form; and 3) my operator name, address, phone number, fax, and	ated: 1) a copy of the Form C-1 ng filed is a Form C-1 or Form	, Form CB-1, Form T-1, or Form			
I have not provided this information to the surface owner(s). I ack KCC will be required to send this information to the surface owner task, I acknowledge that I am being charged a \$30.00 handling fe	er(s). To mitigate the additional	cost of the KCC performing this			
If choosing the second option, submit payment of the \$30.00 handling fe form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 v		t received with this form, the KSONA-			
I hereby certify that the statements made herein are true and correct to the	~ ~				
Date: 3/29/3012 Signature of Operator or Agent: Karlis	S. Bucy Titl	Corrosion Specing			

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: Transcanada Keystone Pipeline, LP			License Number: 34475			
Operator Address: 717 Texas ST, Ste 24100			Houston TX 77002			
Contact Person: Rod Weber			Phone Number: 281-900-8168			
Lease Name & Well No.: MP 37.0			Pit Location (QQQQ):			
Type of Pit:	Pit is:		<u>NENWNENW</u>			
Emergency Pit Burn Pit	X Proposed Existing		Sec. 30 Twp. 6 R. 4 X East West			
Settling Pit X Drilling Pit	If Existing, date constructed:		73 Feet from X North / South Line of Section			
Workover Pit Haul-Off Pit (If WP Supply API No. or Year Drilled)	Pit capacity:		1,869 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?		How is the pit lined if a plastic liner is not used?			
Pit dimensions (all but working pits):	Length (fe	et)	Width (feet) X N/A: Steel Pits			
Depth fro	m ground level to de	epest point:	(feet) No Pit			
If the pit is lined give a brief description of the line material, thickness and installation procedure.	ner		dures for periodic maintenance and determining acluding any special monitoring.			
		Empty Daily				
		Linpty Daily	y			
Distance to nearest water well within one-mile o	f pit:	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, Workover and Haul-Off Pits ONLY:						
Producing Formation:	···	Type of material utilized in drilling/workover:Drilling Mud				
Number of producing wells on lease:		Number of working pits to be utilized:1				
Barrels of fluid produced daily:		Abandonment procedure: Backfill				
Does the slope from the tank battery allow all sp flow into the pit? Yes No	oilled fluids to	Drill pits must be closed within 365 days of spud date.				
I hereby certify that the above statements are true and correct to the best of my knowledge and belief. RECEIVED			my knowledge and belief. RECEIVED			
APR 0.2 2012						
2-01-2012 Date		Sign	nature of Applicant or Agent KCC WICHITA			
	KCC	OFFICE USE ON	NLY			
Liner X Steel Pit RFAC RFAS						
Date Received: 4-3-/2 Permit Numb	er:	Permit	Date: 4-5-13 Lease Inspection: Yes 🖈 No			

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

April 5, 2012

Transcanada Keystone Pipeline, LP 717 Texas St. Ste 24100 Houston, TX 77002

RE:

Drilling Pit Application

MP 37.0

NW/4 Sec. 30-06S-04E Clay County, Kansas

According to the drilling pit application referenced above, 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 (August 2008), Exploration and Production Waste Transfer, within 30 days of fluid removal.

Should a haul-off pit be necessary please file form CDP-1 (May 2010), Application for Surface Pit, This location will have to be inspected prior to approval of the haul-off pit application.

Conservation division forms are available through our office and on the KCC web site: www.kcc.state.ks.us/conservation/forms.

A copy of this letter should be posted in the doghouse along with the approved Intent to Drill. If you have any questions or concerns please feel free to contact the District Office at (316) 630-4000.

Kansas Corporation Commission Oil & Gas Conservation Division

HAUL-OFF PIT APPLICATION FILING REQUIREMENTS

82-3-607.	SPOSAL OF DIKE AND PIT CONTENTS.
(a)	ach operator shall perform one of the following when disposing of dike or pit contents:
(1)	lemove the liquid contents to a disposal well or other oil and gas operation approved by the commission or to road maintenance or construction locations approved by the department;
(2)	spose of reserve pit waste down the annular space of a well completed according to the alternate I requirements of K.A.R. 82-3-106, if the waste to be disposed of was generated during the drilling and completion of the well; or
(3)	spose of the remaining solid contents in any manner required by the commission. The requirements may nolude any of the following:
	A) Burial in place, in accordance with the grading and restoration requirements in K.A.R. 82-3-602 (f);
	B) removal and placement of the contents in an on-site disposal area approved by the commission;
	C) removal and placement of the contents in an off-site disposal area on acreage owned by the same landowner or to another producing lease or unit operated by the same operator, if prior written permission from the landowner has been obtained; or
	D) removal of the contents to a permitted off-site disposal area approved by the department.
(b)	ach violation of this regulation shall be punishable by the following:
(1) (2) (3)	\$1,000 penalty for the first violation; \$2,500 penalty for the second violation; and \$5,000 penalty and an operator license review for the third violation.
Complete ar	return with Haul-Off Pit Application, Form CDP1(2004)
Haul-off pit w	be located in an on-site disposal area: Yes No
∟Yes ∟N	cated in an off-site disposal area on acreage owned by the same landowner: If yes, written permission from the land owner must be obtained. Attach written aul-off pit application.
Haul-off pit is same operato	cated in an off-site disposal area on another producing lease or unit operated by the Yes No If yes, written permission from the land owner must be obtained. Attach

permission and a copy of the lease assignment that covers the acreage where the haul-off pit is to be

located, to the haul-off pit application.

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802



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

Sam Brownback, Governor

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner

April 5, 2012

Jul C. Mall 1419 Cantebury Court Goshen, IN 46526

RE: Kansas Surface Owners Notice Act

The 2009 Legislature passed House Bill 2032, known as the Kansas Surface Owners Notice Act. This Act requires the KCC to provide copies of drilling intents, operator transfers, and well plugging applications to the surface owner, if they are not provided by the lease operator. The operator has advised us they have not provided you with a copy of the attached form. Therefore, this letter and the attached form shall serve as notice of the operator's action. You do not need to respond to the KCC. Please contact the operator listed on the form if you have any questions.

Sincerely,

Rick Hestermann

Production Department

cc: Transcanada Keystone Pipeline LP