

For KCC Use: 4-10-2012
 Effective Date: 2
 District # _____
 SGA? Yes 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.

Expected Spud Date: 2-10-2012
 month day year

OPERATOR: License# 34475
 Name: Transcanada Keystone Pipeline, LP
 Address 1: 717 Texas ST, Ste 24100
 Address 2: _____
 City: Houston State: TX Zip: 77002
 Contact Person: Rod Weber
 Phone: 281-900-8168

CONTRACTOR: License# 6427
 Name: Rosencrantz-Bemis Enterprises, Inc
 Type Drilling Equipment: Mud Rotary Cable
 Air Rotary Other

Construction Features
 Length of Cathodic Surface (Non-Metallic) Casing
 Planned to be set: 200 250 feet
 Length of Conductor pipe (if any): _____ feet
 Surface casing borehole size: 16 inches
 Cathodic surface casing size: 10 inches
 Cathodic surface casing centralizers set at depths of: 10 ; 50
90 ; 150 ; 190 ; _____ ; _____ ; _____
 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: 200 ; 210 ; 220 ; 230 ; 240 ;
250 ; 260 ; 270 ; 280 ; 290 ; 300 ; 310 ; 320 ; 330 ; 340

Spot Description: MP 121.0 121.0
 SE - SE - SW - SE Sec. 20 Twp. 13 S. R. 3 E W
 (0000) 119 feet from N / S Line of Section
1,414 feet from E / W Line of Section
 Is SECTION: Regular Irregular?
 (Check directions from nearest outside corner boundaries)

County: Marion Dickinson
 Facility Name: MP 121.0
 Borehole Number: 1
 Ground Surface Elevation: 1394 1128 MSL
 Cathodic Borehole Total Depth: 308 350 feet
 Depth to Bedrock: 10 feet
Water Information
 Aquifer Penetration: None Single Multiple
 Depth to bottom of fresh water: 100
 Depth to bottom of usable water: 230
 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 # _____
 Standard Dimension Ratio (SDR) is = 26 or Less
 (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: SC-3 Coke Breeze
 Depth of BASE of Backfill installation material: 308 350
 Depth of TOP of Backfill installation material: 3
 Borehole will be Pre-Plugged? Yes No

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

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.
 Date: 2-01-2012 Signature of Operator or Agent: Rusty Lee Title: PROJECT COORDINATOR

KCC WICHITA
 RECEIVED
 MAY 15 2012
 KCC WICHITA

For KCC Use ONLY
 API # 15 - 041-20137-0000
 Conductor pipe required None feet
 Minimum Cathodic Surface Casing Required: 250 feet A43
 Approved by: Rusty Lee 4-5-2012
 This authorization expires: 4-5-2013
 (This authorization void if drilling not started within 12 months of approval date.)
 Spud date: _____ Agent: _____

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
5-14-12 Rusty Lee
 Date Signature of Operator or Agent

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

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