RECEIVED KANSAS CORPORATION COMMISSION

FORM CB-1 12/93 FOR KCC USE: OCT 1 1 2005 FORM MUST BE TYPED 10-23-05 FORM MUST BE SIGNED EFFECTIVE DATE: State of Kansas CATHODIC PROTECTION BOREHOLE INTENT SERVATION DIVISION ALL BLANKS MUST BE FILLED IN
Must be approved by the K.C.C. sixty (60) days print to complete the second services of the second s DISTRICT #_ SGA?_ X.Yes...No Expected Spud (Starting) Date 1.0-31-05 W/2 W/2 SW Sec 1. Twp 33Ss, Rg 34W XWest OPERATOR: License # 32782 South Horth Line of Section 21.5. feet from East / West Line of Section OPERATOR: License # ...32782 month (Circle directions from nearest outside corner boundarys) Name: Duke Energy Field Services IS SECTION X REGULAR ____ IRREGULAR? (Spot well on the Section Plat on Reverse Side)

County: S.eward. Address: .Post.Office.Box.189..... city/state/Zip: ..Forgan....OK....7393.8..... Lease Name: IH-12 Well #: #2 Contact Person: Larry Busby IH-12 Phone: (620) 482-3752.... Facility Name: Cathodic Borehole Total Depth 1.8.0. ft.
Depth to Bedrock 4.70. WATER INFORMATION: Aquifer Penetration: ... None ... Single ... Multiple
Depth to bottom of fresh water: 470 Name: McLean's C.P. Installation, Inc. Depth to bottom of usable water: 1000 ...X Mud Rotary Cable Type Drilling Equipment: Water well within one-quarter mile: ... yes no Air Rotary Other Public water supply well within one mile: yes ... no CONSTRUCTION FEATURES Length of Cathodic Surface (Non-Metallic) Casing Water Source for Drilling Operations: well farm pond stream .X.. other Planned to be set: ft. tength of Conductor pipe (if any?):..... ft. Water Well Location: 10" - 160 17 1/2" - 20' DWR Permit #: Standard Dimension Ratio (SDR) is =2.6............ Cathodic surface casing centralizers set at depths of: 20.; (cathodic surface OD csg.in inches / MWT in inches = SDR) ; ; ; ; ; ; ; ;;; Annular space between borehole and casing will be grouted Cathodic surface casing will terminate at: ... Above surface ... Surface Vault X. Below Surface Vault with: Concrete Bentonite Cement ...X. Neat cement Bentonite clay Pitless casing adaptor will be used:... Yes (No at Depthft. Anode vent pipe will be set at: .. 3. ft. above surface 168 148 128 108 Anode installation depths are: Anode conductor (backfill) material TYPE: Carbo 60 88**'**. Depth to BASE of Backfill installation material: .180. NON-AQUIFER COMPLETION, BASE OF BORING MUST BE Depth to TOP of Backfill installation material:...20.... A MINIMUM OF 20 FEETABOVE TOP OF GROUNDWATER(GW) DO NOT PENETRATE TOP OF GW.IF GW IS ENCOUNTERED MAXTD = 180 (SZENOTE AFFIDAVIT THE BASE OF THE BORING MUST BE CHANGED (RJP/KCC) The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55-101, It is agreed that the following minimum requirements will be met: Notify the appropriate district office prior to spudding of and again before plugging well; A copy of the approved notice of intent to drill shall be posted on each drilling rig; The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top.
 An agreement between the operator and the district office on plugs and placement is necessary prior to plugging; 5. The appropriate district office will be notified before well is either plugged or casing is grouted in; IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING. that the statements made herein are true and to the best knowledge, and belief. FOR KCC USE: API # 15-Conductor pipe required A A A E feet
Minimum cathodic surface casing required Approved by: This authorization expires: 4.17.05 (This authorization void if drilling not started within 6 months of effective date.) Spud date: Agent: REMEMBER TO: - File Drill Pit Application (form CDP-1) with Intent to Install; File Completion Form CB-2 within 30 days of spud date;
Notify appropriate district office 48 hours prior to workover or re-entry;
Submit plugging report (CB-4) within 30 days after plugging is completed.

IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW OCT 1 1 2005

CONSERVATION DIVISION WICHITA, KS

Show the relationship to other wells or facilities proposed to be serviced by the intented cathodic borehole. Please show all the wells, existing cathodic boreholes, pipelines or facilities within 1/2 mile of the proposed borehole.

API NO. 15-

POT: (T: QTR/QTR/QTR/QTR OF ACREAGE					IS SECTION X REGULAR OF IRREGULAR IF SECTION IS IRREGULAR, LOCATE WELL FROM NEW			
-	<u>SW - NW - SW</u>					CORNER BOUNDARY.			
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- 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; and
- 3) the distance to the nearest lease, unit or outside section boundary line.