1 .	_		FORM MUST BE TYPED
EFFECTIVE DATE: 10-23-C	)S State of Kansa	s ω˙	FORM MUST BE SIGNED
DISTRICT #	CATHODIC PROTECTION BOR	EHOLE INTENT	ALL BLANKS MUST BE FILLED IN
SGA?	be approved by the K.C.C. sixty (6		II.
	10 31 OF All	Sent (Location) 0/0/0	22C. 24M V. East
Expected Spud (Starting) Date		2017 W/ SW sec	THP .3.20S, Rg 2.4W _AWest
OPERATOR: License #32782	onth day year	1.37.2 feet from	South/ North line of Section
OPERATOR: License #	•••••	1.9.5 feet from	rest outside corner boundarys)
Name: Duke Energy Fi	eld Services	IS SECTION X REGULAR	
Address: Post Office.		(Spot well on the Section	
City/State/Zip: .Forgan		county: Seward.	
· ·		•	
Contact Person:Larry.	Busby	Lease Name: IH-12	Well #:#1
4600	400 0000	тн_12	
Phone: (6.2.0.)	.4.82 = .3.752	Facility Name:IH-12 GroundSurfaceElevation:	······································
		GroundSurfaceElevation:	190 MSL.
CONTRACTOR: License #:3	2775	Cathodic Borehole Total Depth Depth to Bedrock .470.	tt.
CONTRACTOR: License #:	12.1.1.1	•	FORMATION:
Name: McLean's C.P. I	nstallation. Inc.	Aquifer Penetration: .X. No	
		Depth to bottom of fresh water	479
Type Drilling Equipment:	X Mud Rotary Cable	Depth to bottom of usable wat	er: 1950
	Air Rotary Other	Water well within one-quarte	
CONSTRUCTION FEATURES		Public water supply well with	
Length of Cathodic Surface (Non-)		Water Source for Drilling Op	
Planned to be set:20			d stream $X_{\bullet \bullet}$ other
Length of Conductor pipe (if any?		Water Well Location:	
17 1/2" - 20'	IU - IOU	DWR Permit #:	
Size of the borehole (I.D.): Cathodic surface casing size:	1.0." inches	Standard Dimension Ratio (SDF	
Cathodic surface casing centraliz		(cathodic surface 00 csg.in i	
; ; ; ;	•	_	
		Annular space between boreho	
Cathodic surface casing will term	ninate at:	with: ConcreteX. Neat cement	Bentonite Cement
Above surface Surface Va	Bult A. Below Surface Vault	X. Neat cement	Bentonite clay
Pitless casing adaptor will be us	ed: Yes No at Depthft.	Anode vent pipe will be set	at:3. ft. above surface
Anode installation depths are:	168 ' 148 ' 128 ' 108 '		
Anode instattation depths are:	weet, and the tare t	Anode conductor (backfill) ma	aterial TYPE. Carbo 60
	; ; ; ; ;		
NON-AQUIFER COMPLETION, BASE OF		Depth to BASE of Backfill inst Depth to TOP of Backfill inst	tallation material:LRV
A MINIMUM OF 20 FEETABOVE TOP OF DO NOT PENETRATE TOP OF GW.IF (			
THE BASE OF THE BORING MUST BE O		NAX TO =	180' (SEE Note
the undersigned hereby affirms tha	t the drillr g, completion and eve	ntual plugging of this well wil	ll comply with K.S.A. 55-101.
et. seq. It is agreed that the	following mi.imum requirements wil	l be met:	
1 Notify the appropriate dis	strict office prior to spudding of	and again before nlunging well	1.
<ol><li>A copy of the approved not</li></ol>	tice of intent to drill shall be p	osted on each drilling rig;	•
	nodic surface casing as specified		
	operator and the district office of office will be notified before wel		
	RICT OFFICE PRIOR TO ANY CEMENTING		<b>,</b>
I hereby certify that the statemer	ats made herein are true and to th	a hast of my knowledge and hall	ief -
		Your following and bec	DI all 1
Date:	e of Operator or Agent:	if with Coll. I. Title.	······································
		0 41= 2	
17	API # 15- 175 -220C	9.000 ALT-3	<u> </u>
1 3	Conductor pipe required NON	feet 7 toot	
15	Conductor pipe required A A A dinimum cathodic surface casing reapproved by:	05	RECEIVED
	This authorization expires: 4.5	<b>-</b> 1	CANSAS CORPORATION COMMISSIO
, [	This authorization expires:	ng not started within	DCT 1.4 acc
1	6 months of effective date.)		OCT 1 1 2005
1 5	Spud date:Agent	-	
. '-	REMEMBER TO		CONSERVATION DIVISION
	ill Pit Application (form CDP-1) w mpletion form CB-2 within 30 days		WICHITA, KS
	appropriate district office 48 ho		try;
	olugging report (CB-4), within 30 c		

## IN ALL CASES PLOT THE INTENTED WELL ON THE PLAT BELOW

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.

- SW - NW - SW  IF SECTION IS IRREGULAR, LOCATE WELL FROM NEX  CORNER BOUNDARY.  Section corner used: NE NW SE  PLAT	ction AREST
(Show location of intented cathodic borehole.) (Show footage from nearest lease, unit or outside section boundary line.)	_sw
Section 1	
EXAMPLE   1980   1980   3390'	

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

API NO. 15-\_\_\_

- 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 RECEIVED

  KANSAS CORPORATION COMMISSION

OCT 1 1 2005