5-	7_	-05
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FORM CB-1 12/93

	5-2-05			FORM MOST BE TIPED
EFFECTIVE DATE:		State of Kansas		FORM MUST BE SIGNED
DISTRICT #		CATHODIC PROTECTION BOREH		ALL BLANKS MUST BE FILLED IN
SGA?YesXWo	Must be approved	\mathbf{d} by the K.C.C. sixty (60)	days prior to commencing	
	5_16_05	\$	Spot (Location) 9/9/9	East
Expected Spud (Starting	g) Date	.,	.SK-NENE Sec .4.	Twp . 31Ss, Rg 29W XJest
	month /r	day year .	4.006.' feet fi	rom South / North line of Section
OPERATOR: License #	32119 /		feet fi	rom East / West line of Section
	V			nearest outside corner boundarys)
Name: North	orn Natural Ca	a Co	IS SECTION X REGULAR	
Name:North Address:IIII	Söüth 103Fa SE	3.667		on Plat on Reverse Side)
Address:	ba,NE68013.		Moade	······································
City/State/Zip:	د. موو مسا		county:	••••••
D112	ne Moody		Penning	ton Well #:3
Contact Person: Due	ine rioody		Lease Name:	FX4 Well #:
Phone:402	2-398-7843		Bonni	ngon Well #3
Phone:	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	Facility Name: Penni	2730 (Per MSL
	/		Ground Surface Elevation:.	MSL.
	22775		Cathodic Borehole Total De	pthft.
CONTRACTOR: License #	: 32113 v			
		_	WATE	INFORMATION:
Name: McLe	ans CP Install	ation, Inc	Aquifer Penetration:	None Single Multiple
			Depth to bottom of fresh	None Single Myltiple water:
Type Drilling Equipme	ent: .v Mud	Rotary Cable	Depth to bottom of usable	water: 4.80
, F		Rotary Other	Water well within one-qua	arter mile: yes no
CONSTRUCTIO			Public water supply well	within one mile: yes no
Length of Cathodic Su		Casing	Water Source for Drilling	
	20!			pond stream X other
Length of Conductor p	The (IT any?):			
17 1/2" - 20'	10" - 10)O.		
17 1/2" - 20' Size of the borehole Cathodic surface casin	(1.0.):	inches		
				(SDR) is =26
Cathodic surface casi	ng centralizers set a	t depths of: 20 ;	(cathodic surface 00 csg.	in inches / MWT in inches = SDR)
;;;	; ; ;	;;;		
			Annular space between bo	rehole and casing will be grouted
Cathodic surface casi			with: Concrete	
Above surface	. Surface Vault X.	Below Surface Vault	X Neat ceme	nt Bentonite clay
Pitless casing adapto	ruill bauseds Ya	s No at Depth ft	Anode vent nine will be	set at: .3 ft. above surface
Fittess casing adapto	witt be used ie	s No at Deptil	Anode vent pipe with be	det det in the days deliver
Anode installation de	pths are:	; 1Ω8 ;		SC2
			Anode conductor (backfil	l) material TYPE:
; ;	; ; ;	; ; ; ;		
Note: Non-Aquifer Completion	. Max Total Depth =	1201	Depth to BASE of Backfill	installation material:25
Total depth of boring must be a	minimum of 20' above	e the top of groundwater	pepth to for or Backfift	installation material Tr
Boring total depth must be redu	iced if groundwater is e	encountered AFFIDAVIT		
				l will comply with K.S.A. 55-101,
et. seq. It is agree	ed that the following	minimum requirements wil	l be met:	
1 Notify the pro	propriete district of	fice prior to enviding of	and again before plugging	n unit.
			osted on each drilling ri	
			below shall be set by gro	
4. An agreement b	between the operator	and the district office o	n plugs and placement is	necessary prior to plugging;
			l is either plugged or ca	sing is grouted in;
6. IN ALL CASES,	MOTIFY DISTRICT OFFI	CE PRIOR TO ANY CEMENTING		
I haraby destifuthat	the statements made	harain are true and to th	e byst of my knowledge an	dhelief -
Thereby Jerciy Late	/ K			
Date: 1-00-0	Signature of Oper	ator or Agent:	al Lille	itle A
				- / <i>/</i> /
	FOR KCC U		Oa Alf-3	
	API # 15-	pipe required NONE		
	Minimum C	athodic surface casing re	guired 25 feet	RECEIVED
	Approved	by: RJC 4.27.05		
	}		- 20	*ANSAS CORPORATION COMMISSION
		orization expires: 10-2		መሰር ድር ପିପ୍ର
		horization void if drilli	ng not started within	APR 2 2 2005
		of effective date.) :: Agent	:	
	5500 0010	Agent		ONSERVATION DIVISION
		REMEMBER T		WICHITA, KS
		pplication (form CDP-1) s		
		Form CB-2 within 30 days	of spud date; urs prior to workover or	re-entry:
			urs prior to workover or days after plugging is com	
	Table Progging		, progging to con	

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.

OPERATOR Northern Natural Gas. LOCATION OF WELL: COUNTY Meade LEASE Pennington 4006' feet from south/north line of section WELL NUMBER #3 feet from east/west line of section	
WELL NUMBER #3 75' feet from east/west line of section	~~
	On
FACILITY NAME Pennington Well #3 SECTION 4 TWP 31S RG 29W	
SPOT: QTR/QTR/QTR/QTR OF ACREAGE IS SECTION X REGULAR OF IRREGULAR - SE - NE - NE IF SECTION IS IRREGULAR, LOCATE WELL FROM NEARE	<u>st</u>
CORNER BOUNDARY.	
Section corner used: NE NW SE SW	1
PLAT	
(Show location of intented cathodic borehole.)	
(Show footage from nearest lease, unit or outside section boundary line.)	
RECEN	VED
SNSASCORPORATION	ONCOMMISSIO
Section 4	
APR 2 2	2005
· · · · · · · · · · · · · · · · · · ·	DIVISION
WICHITA	KS
EXAMPLE .	
3390'	
SEWARD CO.	

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.;
- 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.