FOR KCC USE:	FORM CB-1 12/93	
EFFECTIVE DATE: 5-2-05 State of Kansas	FORM MUST BE TYPED	
DISTRICT # CATHODIC PROTECTION BORE	FORM MUST BE SIGNED HOLE INTENT ALL BLANKS MUST BE FILLED IN	
SGA?YesXNo Hust be approved by the K.C.C. sixty (60) days prior to commencing well.		
Expected Spud (Starting) Date	Spot (Location) 9/9/9 .NESE, NE Sec 3.1 Twp 20S s_Rg 20W. X West	
month day year		
OPERATOR: License #32119	47.5 feet from East West line of Section	
Name: Northorn Natural Coa Co	(Circle directions from nearest outside corner boundarys) IS SECTION X REGULAR IRREGULAR?	
Name: Northern Natural Gas Go	(Spot well on the Section Plat on Reverse Side)	
situatestating Omaha NR 68013	County: Pawnee	
RECEIVED		
Contact Person: Duane Moody ANSAS CORPORATION COMMISSIONS Name: M6.50B-1 Well #: 1		
Phone: 402-398-7843 APR 2 2 2005	Facility Name: M6 50B-1 Well #1	
	Ground Surface Elevation: 2204 Per A .MSL.	
CONTRACTOR: License #: 32775 ONSERVATION DIVISION WICHITA: KG	Cathodic Borehole Total Denth 260 Depth to Bedrock 20 540	
CONTRACTOR: License #:	WATER INFORMATION:	
Name: McLeans CP Installation, Inc.	Aquifer Penetration: None Single Multiple	
	Depth to bottom of fresh water: . 320 - 15wlest = loc	
Type Drilling Equipment: .X Mud Rotary Cable	Depth to bottom of Usable water:320	
Air Rotary Other	Water well within one-quarter mile: yes 🗶 no	
CONSTRUCTION FEATURES	Public water supply well within one mile: yes no	
Length of Cathodic Surface (Non-Metallic) Casing	Water Source for Drilling Operations: well farm pond stream X other	
Planned to be set:	Water Well Location: Stream X. Stream	
17 1/2" - 120' 140' - 10"		
Size of the borehole (I.D.): Cathodic surface casing size:	DWR Permit #:	
	Standard Dimension Ratio (SDR) is = 26	
Cathodic surface casing centralizers set at depths of: 40.;	(cathodic surface 00 csg.in inches / MWT in inches = SDR)	
80.; 120;;;;;;	Annular space between borehole and casing will be grouted	
Cathodic surface casing will terminate at:	with: Concrete Bentonite Cement	
Above surface Surface Vault X Below Surface Vault	Weat cement Bentonite clay	
Pitless casing adaptor will be used: Yes/Noat Depthft.	Anode vent pipe will be set at: .3 ft. above surface	
Anode installation depths are: 7248; 239; 72307.221		
.2.12; 203; 194.; 185; 176; 167; .158; .149;140	Anode conductor (backfill) material TYPE:\$C2	
* Est Suls 100	Depth to BASE of Backfill installation material:260!	
E11 2ML 100	Depth to TOP of Backfill installation material : $125!$	
AFFIDAVIT MAX TD = 260		
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:		
 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; 		
The appropriate district office will be notified before well	l is either plugged or casing is grouted in:	
6. IN ALL CASES, MOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.		
I hereby, dertify that the statements made herein are true and to the	e best of my/knowledge and belief.	
Date: 7-19-05. Signature of Operator or Agent: Day OUT Ditle Office		
FOR KCC USE// 2/52/6	00-00 All-3	
	feet /	
Minimum cathodic surface casing re		
Approved by: R3P427.05		
This authorization expires: 10.7		
(This authorization void if drilli 6 months of effective date.)	ng not started within	
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

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-	
OPERATOR Northern Natural Gas Co.	LOCATION OF WELL: COUNTY Pawnee
LEASE M6 50B-1	1562' feet from south north line of section
WELL NUMBER #1	475' feet from east/west line of section
FACILITY NAME M6 50B-1 Well #1	SECTION 31 TWP 20S RG 20W
	X
SPOT: QTR/QTR/QTR OF ACREAGE	IS SECTION REGULAR or IRREGULAR
<u>NE</u> - <u>SE</u> - <u>NE</u>	IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST
	CORNER BOUNDARY.
	Section corner used: NE NW SE SW
	PLAT
	ented cathodic borehole.)
(Show footage from nearest lease, t	unit or outside section boundary line.)
	RECEIVED
	*ANSAS CORPORATION COMMISSION
	·
	APR 2 2 2005
	• ONSERVATION DIVISION
	wichita.ks
	475'
	Section 31
	Section 51
	EXAMPLE
	BAANI DD
	1980
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• • •	3390'
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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.;

SEWARD CO.

- 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.