FOR KCC USE:			FORM CB-1 12/93
4-30.05			FORM MUST BE TYPED
EFFECTIVE DATE:	State of Kansas		FORM MUST BE SIGNED
DISTRICT # SGA?YesNo Must	CATHODIC PROTECTION BORE be approved by the K.C.C. sixty (60		ALL BLANKS MUST BE FILLED IN
	.1.	Spot (Location) 9/9/9	East
Expected Spud (Starting) Date	5-16-05		7 Twp 31S s, Rg .32W XWest
32110	month day year	396 feet	from South North line of Section
OPERATOR: License #32119	···· <i>V</i> ······		from East)/ West line of Section n nearest outside corner boundarys)
Name:Northern Na	tural Cas Co	IS SECTION REGULAR	
Name: Northern Na Address: III South	103rd St	(Spot well on the Sect	tion Plat on Reverse Side)
City/State/Zip: Omaha,NE	680.13	County:	eward
Contact Person: Duane Moor	day	Valv	e Well #:1
		Lease Name:	5 Well #:A
Phone: 402-398-78	843	Facility Name: Valve	e Well #1
		GroundSurfaceElevation:	
32775			Depth ft.
CONTRACTOR: License #: 32773	<u> </u>		ER INFORMATION:
Name: McLeans CP	Installation, Inc.		
indirect the state of the state	••••••	Depth to bottom of fresh	None Single Multiple water: 580 220 74
Type Drilling Equipment:	.X Mud Rotary Cable	Depth to bottom of usabl	e water: <b>600</b>
	Air Rotary Other		uarter mile: yes no
CONSTRUCTION FEATURES  Length of Cathodic Surface (Non		Water Source for Drilli	within one mile: .¥. yes no
Planned to be set:	.20!ft.		m pond stream X other
Length of Conductor pipe (if an	y?): ft.		
17 1/2" - 20' 10	" - 155 <b>'</b>		
Size of the borehole (I.D.):			o (SDR) is =26
Cathodic surface casing size: . Cathodic surface casing central			g.in inches / MWT in inches = SDR)
	; ; ;;;	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,
	_	'	orehole and casing will be grouted
Cathodic surface casing will te Above surface Surface	rminate at:	with: Concrete	e Bentonite Cement ment Bentonite clay
	_		
Pitless casing adaptor will be	used: Yes/No at Depthft.	Anoge vent pipe will be	e set at: .3 ft. above surface
Anode installation depths are:	.163; 153; 143; 133.;	المعادة المعادلة المع	Ill) material TYPE:SG2
123 , 113 , 103 , 93 , , 8	3 73 63 53 43		
* MAY T.D = 175	MUST BE ZO'	Depth to BASE of Backfil	ll installation material:175
ABOVE TOP OF G		•	t instattation material
A 250 2 167 07 C	ROUND WATER AFFIDAVIT	•	
	hat the drilling, completion and eve		ell will comply with K.S.A. 55-101,
et. seq. It is agreed that the	e following minimum requirements wil	l be met:	
	district office prior to spudding of		
	notice of intent to drill shall be p athodic surface casing as specified		
	e operator and the district office of t office will be notified before wel		
	STRICT OFFICE PRIOR TO MY CEMENTING		asing is growted in,
I hereby contify that the state	ments made herein are true and to the	heat of my knowledge a	nd helief
4/20/05		I MITAL	2. FX100)
Date: J. Signat	ure of Operator or Agent:	Town W. V	Title
TO of BRING MUST	FOR KCC USE:175 . 2195	82.6000A 1.3	
	Conductor pipe required NON	E feet	
BE DECREASED	Approved by: 4-25-05	eguired <u>20</u> feet	GECENTO
	1		RECEIVED **ANSAS CORPORATION COMMISSION**
(MADE SHALLOWER) IP GROWNDWATER	This authorization expires: 10.2 (This authorization void if drill	ing not started within	
IP GROUNDWATER	6 months of effective date.)		APR 2 2 2005
IL ENCOWTERED	Spud date: Agent	T:	
	REMEMBER T		ONSERVATION DIVISION
- File	Drill Pit Application (form CDP-1) of Completion Form CB-2 within 30 days	of spud date;	WICHITA KS
	fy appropriate district office 48 ho t plugging report (CB-4) within 30 (		

## 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 Seward  LEASE Valve 396' feet from south north line of sect  WELL NUMBER #1 60' feet from east/west line of sect  FACILITY NAME Valve Well#! SECTION 27 TWP 31S RG 32W			
WELL NUMBER #1 60' feet from east/west line of sect			
	ion		
FACILITY NAME TO YOU WOLL #1 SECTION 27 TWP 319 RG 32W			
- Agive activities			
SPOT: QTR/QTR/QTR OF ACREAGE IS SECTION X REGULAR OFIRREGULAR			
- SE - SE - SE IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAR	IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST		
CORNER BOUNDARY.			
Section corner used: NE NW SE S	SW		
PLAT			
(Show location of intented cathodic borehole.)			
(Show footage from nearest lease, unit or outside section boundary lineRECEIVI			
APR 2.2	2000		
ONSERVATIOND			
WICHITA KS	S		
Section 27			
TVANDITE			
EXAMPLE .			
1980			
3390'			
SEWARD CO.			

- 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.

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