

Ms. A.

FOR KCC USE:

FORM CB-1 12/93

EFFECTIVE DATE: 5-2-05

DISTRICT # 1
SGA? Yes X No

State of Kansas
CATHODIC PROTECTION BOREHOLE INTENT

FORM MUST BE TYPED
FORM MUST BE SIGNED
ALL BLANKS MUST BE FILLED IN

Must be approved by the K.C.C. sixty (60) days prior to commencing well.

Expected Spud (Starting) Date 5-16-05
month day year
OPERATOR: License # 32119

Loc on SE Sec 34 Twp 19S Rg 17W East
E/2 E/2 E/2 feet from South North line of Section
1342' feet from East West line of Section
(Circle directions from nearest outside corner boundaries)
IS SECTION X REGULAR IRREGULAR?
(Spot well on the Section Plat on Reverse Side)
County: Rush

Name: Northern Natural Gas Co.
Address: 1111 South 103rd St
City/State/Zip: Omaha, NE 68013

Contact Person: Duane Moody
Phone: 402-398-7843

Lease Name: M6 50B-6 Well #: 1
Facility Name: M6 50B-6 Well #1
Ground Surface Elevation: 2130 MSL
Cathodic Borehole Total Depth: 150' ft.
Depth to Bedrock: 5-10' ft.

CONTRACTOR: License #: 32775
Name: McLeans CP Installation, Inc.

Type Drilling Equipment: X Mud Rotary Cable
 Air Rotary Other

CONSTRUCTION FEATURES

Length of Cathodic Surface (Non-Metallic) Casing
Planned to be set: 20' ft.
Length of Conductor pipe (if any?): 17 1/2" - 20' - 10" - 130' ft.
Size of the borehole (I.D.): 10" inches
Cathodic surface casing size: 10" inches
Cathodic surface casing centralizers set at depths of: 20;
 ; ; ; ; ; ; ; ; ; ;

Cathodic surface casing will terminate at:
 Above surface X Surface Vault X Below Surface Vault

Casing adaptor will be used: Yes (No) at Depth ft.

Anode installation depths are: 248 ; 239 ; 230 ; 221 ;

242 ; 203 ; 194 ; 185 ; 176 ; 167 ; 158 ; 149 ; 140

NON-AQUIFER COMPLETION. DO NOT PENETRATE
GROUNDWATER

MAX TD = 150', SHORTEN 40', IF GROUNDWATER IS ENCOUNTERED

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:

1. Notify the appropriate district office prior to spudding of and again before plugging well;
2. A copy of the approved notice of intent to drill shall be posted on each drilling rig;
3. The minimum amount of cathodic surface casing as specified below shall be set by grouting to the top.
4. 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;
6. IN ALL CASES, NOTIFY DISTRICT OFFICE PRIOR TO ANY CEMENTING.

I hereby certify that the statements made herein are true and to the best of my knowledge and belief.

Date: 4-19-05 Signature of Operator or Agent: [Signature] Title: Office

All Shallow
Groundwater
found Above
bedrock must
be sealed off
with Surface R.p.

FOR KCC USE:	
API # 15-	<u>165-21782-00</u> <u>AK-3</u>
Conductor pipe required	<u>NO/NE</u> feet
Minimum cathodic surface casing required	<u>20</u> feet
Approved by:	<u>35427-05</u>
This authorization expires <u>0-27-05</u>	
(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.

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202-1286.

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CONSERVATION DIVISION
WICHITA, KS

IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW

Show the relationship to other wells or facilities proposed to be serviced by the intended 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.
LEASE M6 50B-6
WELL NUMBER #1
FACILITY NAME M6 50B-6 Well #1

LOCATION OF WELL: COUNTY Rush
1342' feet from South north line of section
244' feet from East west line of section
SECTION 34 TWP 19S RG 17W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE
_____ SE _____ NE _____ SE _____

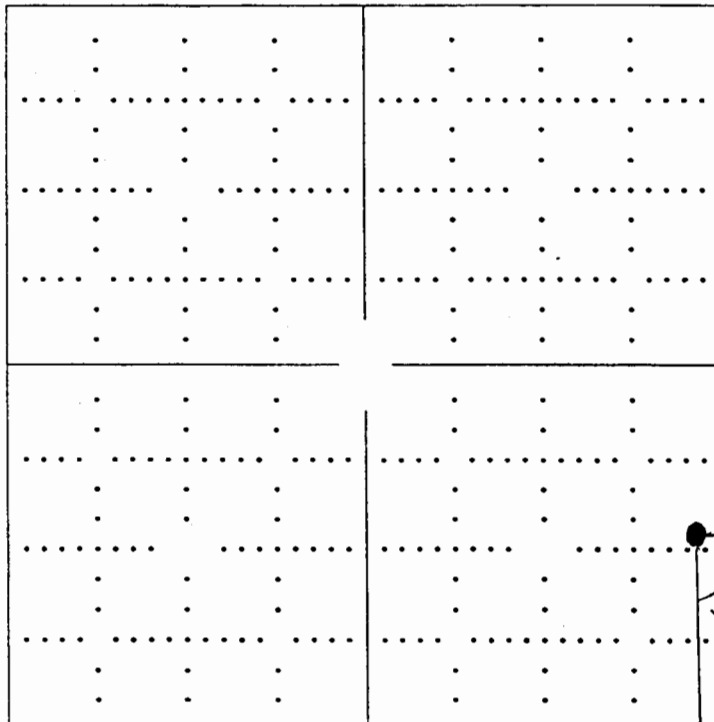
IS SECTION X REGULAR or _____ IRREGULAR
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

Section corner used: _____ NE _____ NW _____ SE _____ SW

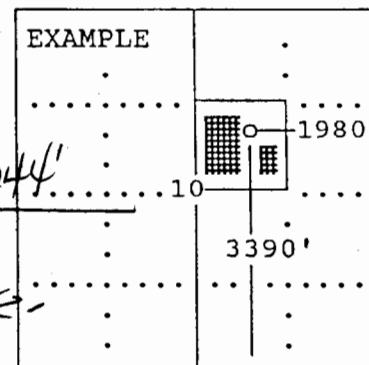
PLAT

(Show location of intended cathodic borehole.)

(Show footage from nearest lease, unit or outside section boundary line.)



Section 34



SEWARD CO.

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CONSERVATION DIVISION
WICHITA, KS

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.;
- 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.