

FOR KCC USE:

FORM CB-1 12/93

FORM MUST BE TYPED

FORM MUST BE SIGNED

EFFECTIVE DATE: S-9-05DISTRICT # 1State of Kansas
CATHODIC PROTECTION BOREHOLE INTENT

ALL BLANKS MUST BE FILLED IN

SGA? Yes X No

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 # 32119Name: Northern Natural Gas Co.Address: 1111 South 103rd StCity/State/Zip: Omaha, NE 68013Contact Person: Duane MoodyPhone: 402-398-7843CONTRACTOR: License # 32775Name: 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: 100' 80' ft.Length of Conductor pipe (if any?): NONE ft.17 1/2" - 100' 10" - 150'Size of the borehole (I.D.): inchesCathodic surface casing size: inchesCathodic surface casing centralizers set at depths of: 100'
60' ; 20' ; ; ; ; ; ; ; ; ;

Cathodic surface casing will terminate at:

 Above surface Surface Vault X Below Surface VaultPitless casing adaptor will be used: Yes X No at Depth ft.Anode installation depths are: 238 228 218 208 ;198 ; 188 ; 178 ; 168 ; 158 ; 148 ; 138 ; 128 ; 118 ;

MAX TD = 200

AFFIDAVIT

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: 5/2/05 Signature of Operator or Agent: Chad CowanTitle: Office

FOR KCC USE:

API # 15- 083-21496-0000411-3Conductor pipe required NONE feetMinimum cathodic surface casing required 80 feetApproved by: RPS-4-05This authorization expires: 11-4-05

(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 207B, Wichita, Kansas 67202-1286.

Spot (Location) Q/Q/Q

NE SE - NE Sec 3 Twp 22S S. Rg 25W X East144.1 feet from South / North line of Section75 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: HodgemanLease Name: M796 B-3 Well #: 1Facility Name: M796 B-3 Well # 1Ground Surface Elevation: 250 2467 EST ft.Cathodic Borehole Total Depth 220 220 DATA ft.Depth to Bedrock 220 220 DATA ft.

WATER INFORMATION:

Aquifer Penetration: None Single MultipleDepth to bottom of fresh water: 500 ft.Depth to bottom of usable water: 500 ft.Water well within one-quarter mile: yes X noPublic water supply well within one mile: yes X no

Water Source for Drilling Operations:

 well farm pond stream X otherWater Well Location: DWR Permit #: Standard Dimension Ratio (SDR) is = 26

(cathodic surface OD csg. in inches / MWT in inches = SDR)

Annular space between borehole and casing will be grouted

with: Concrete Bentonite CementX Heat cement Bentonite clayAnode vent pipe will be set at: 3 ft. above surfaceAnode conductor (backfill) material TYPE: SC2Depth to BASE of Backfill installation material: 250 200Depth to TOP of Backfill installation material: 105 BS

SET ANODE OF 20' INTO BEDROCK

SET NO LESS THAN 80' OF SURFACE PIPE

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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.

LOCATION OF WELL: COUNTY Hodgeman

LEASE M796- B-3

1441' feet from south/north line of section

WELL NUMBER #1

75' feet from east/west line of section

FACILITY NAME M796 B-3 Well #1

SECTION 3 TWP 22S RG 25W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE

IS SECTION X REGULAR or IRREGULAR

NE SE NE

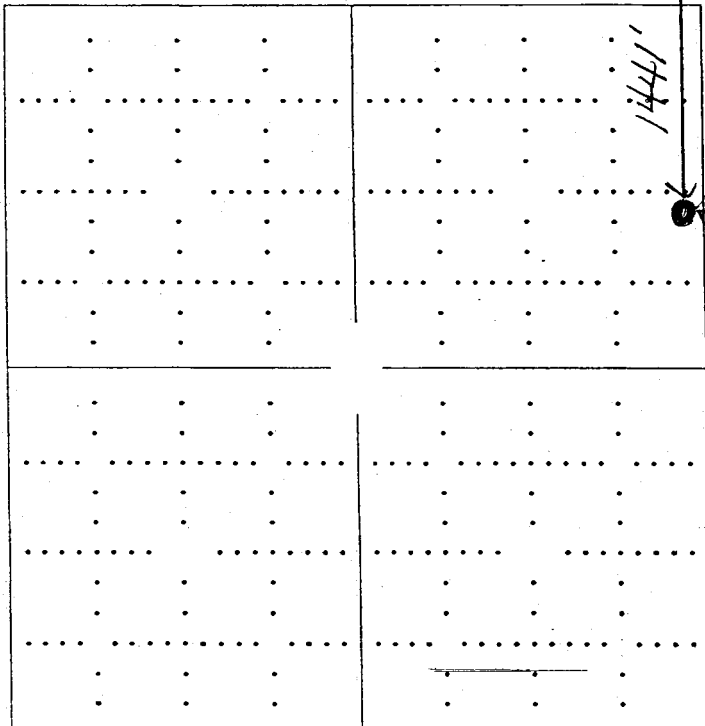
IF SECTION IS IRREGULAR, LOCATE WELL FROM NEAREST CORNER BOUNDARY.

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.)



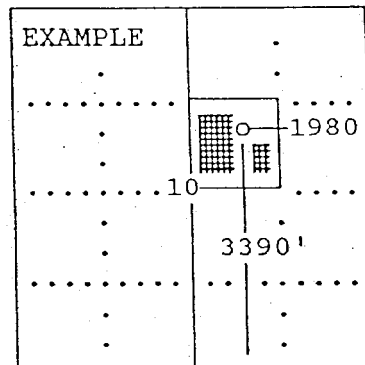
75'

Section 3

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CONSERVATION DIVISION
WICHITA, KS



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.;
- 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.