

Corrected

CORRECTED

540

FOR KCC USE:
EFFECTIVE DATE: 4-30-05

FORM CB-1 12/93
FORM MUST BE TYPED
FORM MUST BE SIGNED

DISTRICT # 1
SGA? Yes... No

State of Kansas
CATHODIC PROTECTION BOREHOLE INTENT
Must be approved by the K.C.C. sixty (60) days prior to commencing well.

ALL BLANKS MUST BE FILLED IN

Expected Spud (Starting) Date 5-16-05
month day year
OPERATOR: License # 32119 (4-30-05)

Spot (Location) 0/0/0
NE NW SW NW Sec 1 Twp 32S S, Rg 33W X West
1476' feet from North line of Section
570' feet from 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: Seward

North

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: Sublette Station # 1

Facility Name: Sublette Station Well #1
Ground Surface Elevation: 2894' MSL
Cathodic Borehole Total Depth: 220'
Depth to Bedrock: 570'

CONTRACTOR: License #: 32775

Name: McLeans CP Installation, Inc.
Type Drilling Equipment: X Mud Rotary Cable
Air Rotary Other

WATER INFORMATION:
Aquifer Penetration: X None Single Multiple
Depth to bottom of fresh water: 540' 240' (EST)
Depth to bottom of usable water: 600'
Water well within one-quarter mile: yes X no
Public water supply well within one mile: yes X no
Water Source for Drilling Operations:
well farm pond stream X 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" - 200'
Size of the borehole (I.D.): 10" - 200' inches
Cathodic surface casing size: inches
Cathodic surface casing centralizers set at depths of: 20;

DWR Permit #: Standard Dimension Ratio (SDR) is = 26
(cathodic surface OD csg. in inches / MUT in inches = SDR)

Cathodic surface casing will terminate at:
Above surface Surface Vault X Below Surface Vault
Pitless casing adaptor will be used: Yes No at Depth ft.
Anode installation depths are: 208; 199; 190; 181;
172; 163; 154; 145; 136; 127; 118; 109; 100;
91 82 73 64 55 46 37

Annular space between borehole and casing will be grouted with:
Concrete Bentonite Cement
X Neat cement Bentonite clay
Anode vent pipe will be set at: 3 ft. above surface

* NON-AQUIFER COMPLETION
DO NOT PENETRATE GROUNDWATER

AFFIDAVIT

MUST BE A MIN. OF 20' ABOVE GROUNDWATER
MKT D = 220

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: 4-20-05 Signature of Operator or Agent: Title: Office

* REDUCE
TOTAL
DEPTH
IF GROUNDWATER
IS ENCOUNTERED
ABOVE T. D.

FOR KCC USE:
API # 15- 175-21981-0000 Alt-3
Conductor pipe required NONE feet
Minimum cathodic surface casing required 20 feet
Approved by: RJP 4-25-05 RJP 4-25-05
This authorization expires: 10-25-05
(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.

RECEIVED
KANSAS CORPORATION COMMISSION
APR 22 2005
CONSERVATION DIVISION
WICHITA KS

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

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* WAS: 3864' FSL, 570' FWL
IS: 1475' FWL, 570' FWL

KCC WICHITA

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.

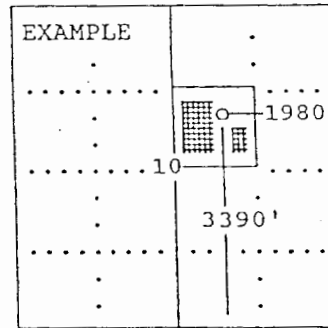
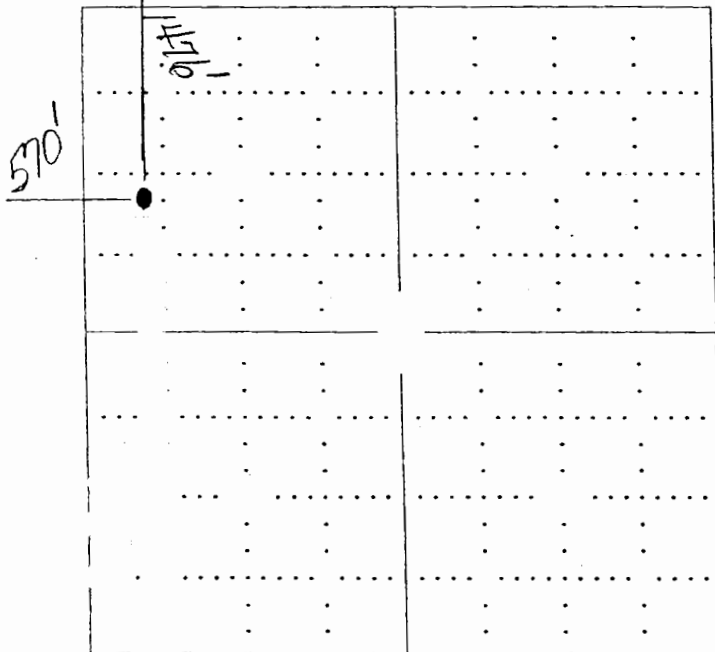
API NO. 15- _____
 OPERATOR Northern Natural Gas LOCATION OF WELL: COUNTY Seward
 LEASE Sublette Station 1476' feet from ~~South~~ North line of section
 WELL NUMBER #1 570' feet from east/west line of section
 FACILITY NAME Sublette Station Well #1 SECTION 1 TWP 32S RG 33W

SPOT: QTR/QTR/QTR/QTR OF ACREAGE _____ IS SECTION _____ REGULAR or _____ IRREGULAR
 - NW - SW - NW 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.)



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.

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 KANSAS CORPORATION COMMISSION
CORRECTED APR 27 2005
 CONSERVATION DIVISION
 WICHITA, KS

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