

IOWA NATURAL RESOURCES COUNCIL

Application For Permit TO DIVERT, STORE, OR WITHDRAW Water For Beneficial Use.This application is NOT to be used by IRRIGATORS.TO THE IOWA NATURAL RESOURCES COUNCIL:

Application is hereby made, under the provisions of Chapter 455A, Iowa Code 1962, as amended, for a permit to divert, store, or withdraw water from WELL located in GUTHRIE County, Iowa, in accordance with the following particulars:
(reservoir, well, or name of stream)

1. The exact location of the diversion, storage, or withdrawal of water is in the SW quarter of Section 6, Township number 79, Range number 31, in GUTHRIE County, Iowa.

2. The legal description of the land upon which water is to be used is: A PART OF LOT 2 OF 3 IN THE SW 1/4 OF SEC. 6-79-31, GUTHRIE COUNTY, IOWA

recorded in the name of: CITY OF GUTHRIE CENTER

3. The water IS INTENDED TO BE USED for the following beneficial purpose:
(is intended to be used or has been used)

(X) municipal use, () industrial use, () recreational use, () other use, as follows

4. The maximum quantity of water desired is 30,000,000 GALLONS per year to be diverted, stored, or withdrawn at a maximum rate of 600 GPM during the period beginning on the 1 day of the month of JANUARY and ending on the 31 day of the month of DECEMBER of each year.
(acre-foot or gallons)
(cubic feet per second or gallons per minute)

5. It is requested that the permit be valid for 10 years.
(maximum 10 years)

6. The first actual application of water to the intended use WILL BE MADE on or about NOVEMBER 1, 1966.
(was made or will be made)
(date)

Any additional information required by the Council will be furnished on request. ENCLOSED IS THE FILING FEE OF \$15.00 WHICH IS REQUIRED BY LAW. (MAKE CHECK PAYABLE TO THE IOWA NATURAL RESOURCES COUNCIL).

Signature of Applicant _____

Name of Applicant (PRINTED) _____

Relationship _____
(owner, agent, or if otherwise, specify)

Address (PRINTED) _____

STATE OF IOWA)
) SS.
COUNTY OF _____)

I hereby certify that the foregoing application was signed in my presence and sworn to before me by

this _____ day of _____ 19 ____.

MY COMMISSION EXPIRES:

12/28/60

Notary Public

SANITARY -- CIVIL -- HIGHWAY -- MUNICIPAL ENGINEERING



McCLURE ENGINEERING CO.

CONSULTING ENGINEERS

M-21 WARDEN BLDG.

FORT DODGE, IOWA

JON E. McCLURE

576-7155

AUGUST 21, 1967

Associates
THOMAS E. NILLES
ROBERT J. BOLLANT

MR. DICK NORTHRUP
GEOLOGICAL SURVEY BUILDING
IOWA CITY, IOWA 52240

RE: GUTHRIE CENTER, IOWA
WELL No. 3

DEAR SIR:

THANK YOU FOR YOUR ASSISTANCE DURING OUR PHONE CONVERSATION THIS MORNING. I CALLED THE JOHNSON SCREEN CO. IN ST. PAUL AND THEY ARE WORKING WITH US ON THE WELL.

UNDER SEPARATE COVER I AM SENDING SOME DRILL CUTTINGS AND A SAMPLE OF THE GRAVEL PACK ON THE ABOVE WELL. THESE WERE GIVEN TO US BY THE THORPE WELL CO. AND YOU WILL PROBABLY RECEIVE A DUPLICATE SET FROM THEM.

VERY TRULY YOURS,

McCLURE ENGINEERING CO.
M-21 WARDEN BUILDING

THOMAS E. NILLES, P.E.

TEN:PM

GW - Guthrie Center town
well folder (Guthrie Co.)

August 22, 1967

Mr. Tom E. Nilles, P. E.
McClure Engineering Co.
M-21 Warden Building
Fort Dodge, Iowa

Dear Mr. Nilles,

Relative to our phone conversation yesterday, we have received your letter and the well cuttings to a depth of fifty feet. After checking them over, we are sure that the well is definitely bottomed in the Dakota sandstone. While there is Pleistocene sand and gravel to twenty feet, the Dakota came in immediately below. Our log shows the following section:

Pleistocene: Silty soil 0-5'
Medium to fine sand and gravel 5'-20'

Cretaceous:

Dakota Sandstone: Sandstone yellow, coarse, angular to sub-angular 20'-25'
Sandstone yellow, fine, angular 25'-30'
Sandstone yellow, fine to coarse, angular 30'-35'
Sandstone yellow, coarse angular to sub-angular 35'-50'

We hope that the Johnson Company will be able to determine the best type of screen in developing a satisfactory well for Guthrie Center.

Thank you for forwarding the samples so promptly. Please feel free to call on us again if we can be of further service.

Yours very truly,

H. G. Hershey

HGH/RCN:g

August 25, 1967

Mr. Tom E. Nilles, P. E.
McClure Engineering Co.
M-21 Warden Building
Fort Dodge, Iowa

Dear Mr. Nilles,

We are enclosing a copy of the geologic log from the Guthrie Center City Well #3, which you requested by phone.

Please let us know if we can be of further service.

Very truly yours,

H. G. Hershey

HGH/RCN:wg
Encl.-1