

1. Considered March 12, 1957
2. Name of Applicant City of Sioux Falls, # 397-3
3. Post Office Address Sioux Falls, South Dakota
4. Amount of water claimed 3.12
5. Source of water supply ground water
6. Water to be used for Municipal use
Acres to be irrigated _____
7. Water to be diverted and used in Minnehaha County about
3 miles N of city.
8. Proof of Publication Received ☒
Not Received _____
9. Application Approved ☒
Subject to _____
Not Approved _____
Action deferred _____

10. Remarks:

No. 397-3Water Division No. 3Big Sioux River District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable.)

1. Name of applicant City of Sioux Falls, South Dakota
 Postoffice address Sioux Falls, County Minnehaha, State South Dakota

I. If a corporation Municipal Corporation

- (a) Name of same _____
 (b) Date and place of incorporation _____
 (c) Amount of capital stock _____
 (d) Amount paid in _____
 (e) Names and addresses of directors Fay Wheeldon, Mayor

John N. Browning, CommissionerB. T. Yeager, Commissioner

(NOTE—A certified copy of articles of incorporation must accompany the application.)

II. Method of accomplishing the work and financial resources of the applicant:

- (a) Method of accomplishing work (Whether by contract, employment of others, or by direct labor)

To be completed by contract

- (b) Cash on hand, \$ _____ (c) Treasury stock, \$ _____
 (d) Bonds to be issued, \$ 500,000 (e) Other resources, \$ _____

2. Name of diversion work
- Well No. 33 (Test Hole C-6)

3. Amount of water claimed _____ cubic feet per second
- 3.12

4. Source of water supply
- Ground Water

5. 654 ft + 5 ft + 10 ft = 669 ft
at the south line of the NE 1/4, Sec. 20, T12N, R48W

6. Annual permit _____

7. To be used for:

- I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? _____

- (a) Number of acres to be irrigated _____ acres.

- (b) Legal subdivisions to be irrigated _____

(NOTE—A list of lands to be irrigated, giving each subdivision and fraction with acreage thereof, should be written here, or may be appended as a part of this application. Same must also be shown on accompanying map.)

- (c) Statement as to domestic use (giving location, etc.) _____

II. Stockwatering, mining, milling, power, fish culture, fire protection and public recreation:

- (a) Nature of use
- Municipal Water Supply

Name any of the above uses claimed

- (b) Amount of power to be generated _____ horse power.

Amount claimed for engine cooling _____

- (c) Location of plant _____

- (d) Method of developing power _____

- (e) Point where water will be returned to stream
- Sioux Falls Treatment Plant

Map No. 299-3

8. Estimated cost of work: (To be shown on Form 2A)

(a) Head Gates, \$-----

(b) Pumping plant, \$-----

(c) Fluming, \$----- (d) Canal earth, \$-----

Rock, \$-----

(e) Other structures ----- \$-----

Total, \$-----

9. Description of diversion works: (To be shown on Form 2A)

I. Nature of works: (Reservoir, dam, ditch, flume, pumping plant, etc.)

II. Dimensions of works:

(a) Dam: Height ----- feet; length at bottom ----- feet; length at top ----- feet; thickness at bottom ----- feet; thickness at top ----- feet; slope at front water face ----- at back face ----- material used in construction -----

(b) Reservoir: Capacity when filled ----- acre feet. Surface area at highwater mark ----- acres.

DEPTH AT OUTLET- FEET	SURFACE AREA AT EACH DEPTH AT OUTLET- ACRES	FEET	ACRE- FEET CAPACITY

(c)* Head gate: Width ----- feet; height ----- feet; Material -----

(d) Canal: Total length ----- miles.

LOCATION BELOW HEADGATE	DEPTH	BOTTOM WIDTH	WIDTH AT WATER- LINE	GRADE PER MILE
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet
At ----- Mile	----- feet	----- feet	----- feet	----- feet

(Give dimensions where reductions in size are made.)

10. Time required for completion of work 4 to 6 months. years.

11. Time required for complete application of water for the proposed beneficial use One years.

12. Choice of newspaper for publication of notice of intention to appropriate Argus Leader

STATE OF SOUTH DAKOTA

County of Minnehaha } 53.

I, Fay Wheelton, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated and shown are true.

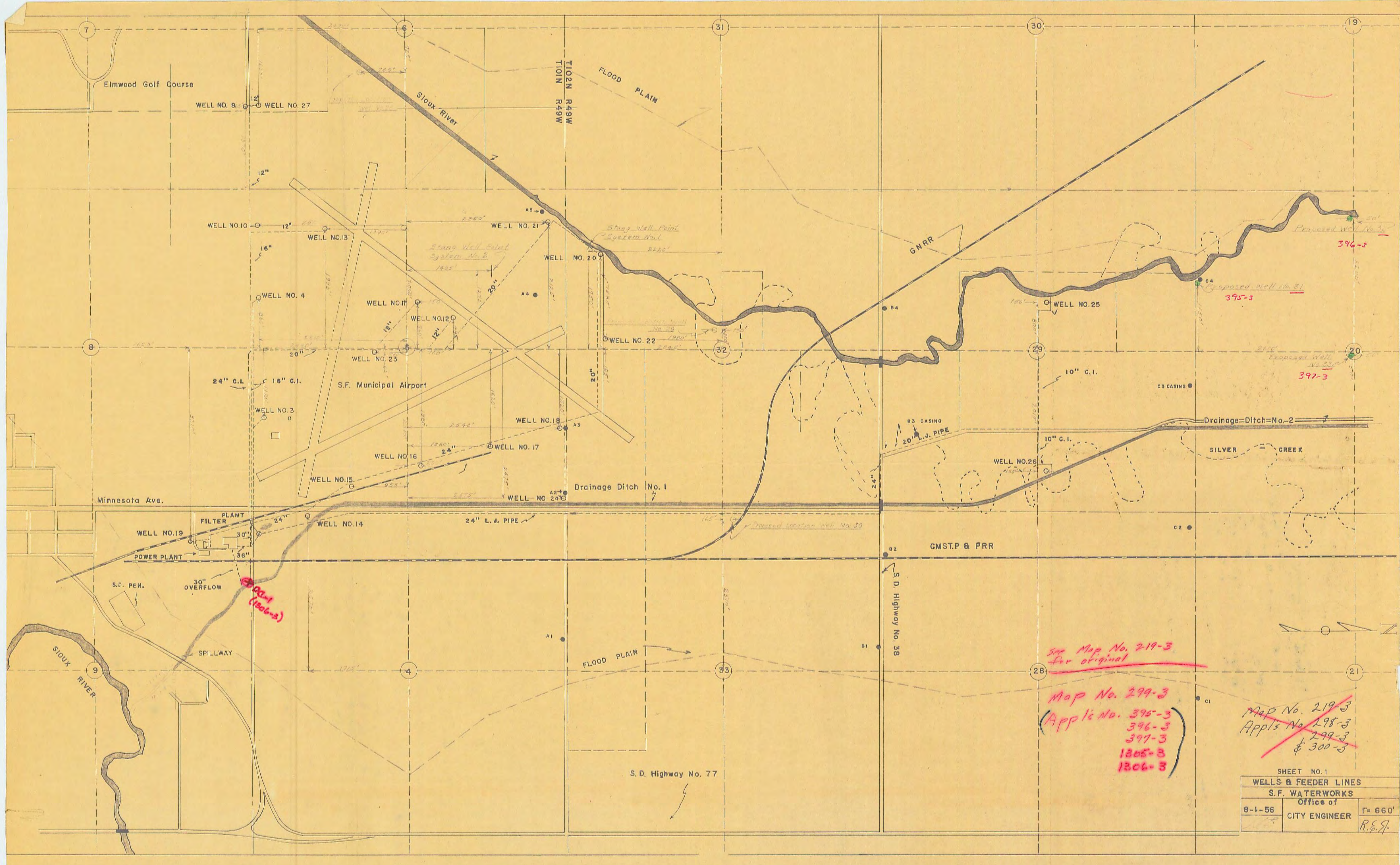
Signed Fay Wheelton

Subscribed and sworn to before me this 21st day of January 1957

E. L. Lutter
Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.

Its Office is at Rapid City, S. D., May 27, 1957.

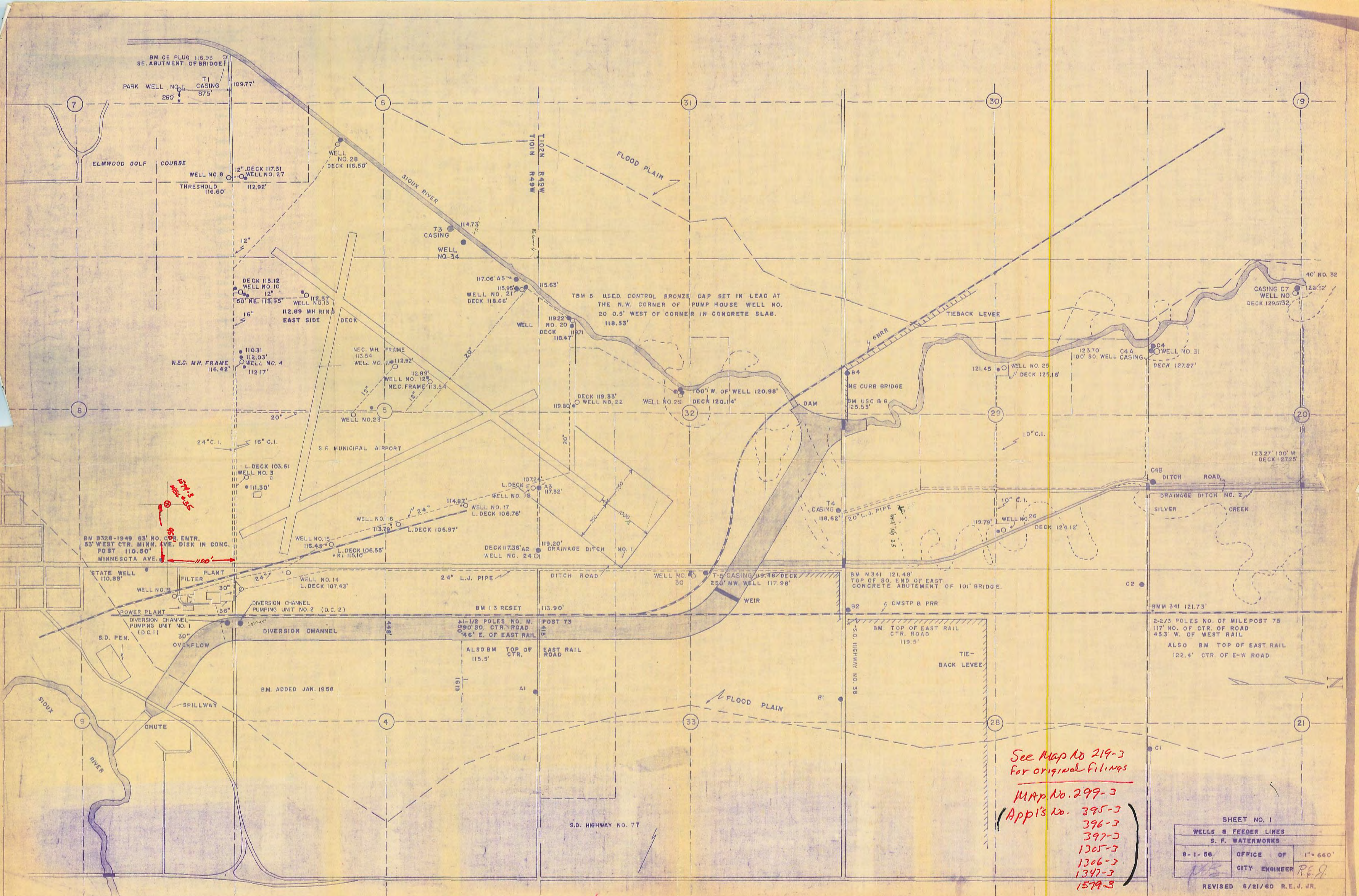


See Map No. 219-3
for original

Map No. 299-3
(App's No. 395-3
396-3
397-3
1305-3
1306-3)

~~Map No. 219-3
App's No. 298-3
299-3
\$ 300-3~~

SHEET NO. 1		
WELLS & FEEDER LINES		
S.F. WATERWORKS		
Office of		
8-1-56	CITY ENGINEER	Γ= 660'
		R.E.J.



See Map No 219-3
For original Filings

Map No. 299-3
(App's No. 395-3
396-3
397-3
1305-3
1306-3
1347-3
1579-3)

SHEET NO. 1		
WELLS & FEEDER LINES		
S. F. WATERWORKS		
8-1-56	OFFICE OF	1"=660'
	CITY ENGINEER	R.E.J.
REVISED 6/21/60 R.E.J. JR.		

Map # 219-3 E-bit # 4011
App's see listing inside

Remarks by State Water Resources Commission: City water supply shortages from this aquifer in the past are considered due to improper spacing of wells. Considering their capacity, spacing of wells proposed in applications 295-3, 296-3 and 297-3 is considered adequate but the minimum that should be allowed. While need is not expected, the City shall, and City officials have agreed, pay special attention to domestic water supply near the City well field, including these three new wells, and shall settle with each domestic well owner any adverse effects upon such domestic water supplies. JEF

STATE OF SOUTH DAKOTA

County of _____

ss.

Pierre, South Dakota,

January 28, 1957

This is to certify that the foregoing application was received by the Commission at 9:00 o'clock a.m. upon the 22 day of March, 1957

State Water Resources Commission

By:

JEF

Chief Engineer, Executive Officer

Number of permit 297-3

Date of first receipt of application

January 22, 1957

Date of return to applicant for correction, amendments or changes required as follows:

1957

Date of receipt of corrected application

1957

Date from which applicant may claim right

January 22, 1957

Approved

March 13, 1957

13

1957

Recorded in Book

4

Page

35

This is to certify that we have examined the foregoing application for a permit to appropriate water of the State of South Dakota, and we hereby grant the same as stated herein, subject, however, to the following limitations and conditions:

1st. The equivalent of at least one-fifth of the work above specified is to be completed on or before

September 13, 1957

2nd. The whole of said work is to be completed on or before

March 13, 1958

3rd. The limit of time for proof of beneficial use of water appropriated in accordance herewith is

March 13, 1959

4th. The water appropriated shall be used for the purpose of

Municipal use

5th. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

6th. The amount of the appropriation herein granted shall not exceed 312 cubic feet per second; neither shall it exceed the capacity of the above described system of diversion works, nor the least amount of water that experience may hereafter indicate as necessary for the production of crops in the exercise of the best husbandry; and further, said appropriation must be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before March 13, 1959; said water to be used during the following described annual period:

Continuously

Witness my hand this

23

day of

March

1957

State Water Resources Commission

By:

JEF

Chief Engineer, Executive Officer

Certificate of Construction Issued

AUGUST 26, 1966

Water License Issued

AUGUST 26, 1966

Form 2A — Wells (Supplement to Form 2)

Well No. 33 (Test hole C-6)

8. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 16 ft., Depth 44 ft.,

Type of casing Concrete (wood, concrete, steel, etc.)

Size of casing 13 ft., Thickness of casing 18"

Length of casing 50 ft., If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen 8" Ranney Collectors

Size of perforated screen 8" (diameter), 300 to 400 ft. (length)

Thickness of gravel pack none, length of gravel pack

(c) Water Bearing Materials

Distance to water 8 ft. - 6 in. Character of water bearing materials
fn to crs sand; fn to crs gravel

Thickness of water bearing material 35.5 ft.

(d) Pump and Motor

Type of pump Turbine (centrifugal, propeller, mixed flow, etc.)

Name of pump Pomona, size 1,500 GPM.

Kind of motor Electric (gasoline, electric, diesel, etc.)

Horsepower 40, Name of motor F-M/

(e) Complete well

Capacity 14000 GPM at drawdown of 10 to 15 ft.. Estimated cost \$90,000

(f) Owner of land upon which well is located City of Sioux Falls

Sioux Falls, South Dakota
Address

(g) Distance to nearest existing wells

On same owner's property 320 rods. On property owned by others 80 rods

Permit No. 397-3Water Division No. 3 Big Sioux River Water District**Certificate of Completion of Works**

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the City of Sioux Falls

of Minnehaha County of South Dakota, and State of South Dakota, the holder of Permit No. 397-3, issued upon Application No. 397-3, bearing date of priority of January 22, 1957, authorizing the diversion of 3.12 cu. ft. per second of the waters of ground water County of Minnehaha, State of South Dakota, at a point 654'E and 33'N of the center of Section 20, T102N, R49W

for municipal purposes, has fully complied with the provisions of the laws of the State of South Dakota relating to proof of completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory condition for diverting and conveying to the place of intended use 3.12 cu. ft. per second of water; and that the ~~work is hereby accepted for use of said water~~ ^{is} described as follows, to-wit: for municipal purposes by the City of Sioux Falls

Witness my hand this 26th day of August A. D. 1966

State Water Resources Commission

By:

J. W. GRIMES

Chief Engineer, Executive Officer

STATE OF SOUTH DAKOTA

WATER LICENSE No. 397-3

WHEREAS, On the 22nd day of January A. D. 1957
the City of Sioux Falls

County of Minnehaha and State of
South Dakota
duly made application (No. 397-3) to us for a permit to use 3.12
cubic feet per second of the waters of ground water
County of Minnehaha, State of South Dakota, for municipal
purposes; and

WHEREAS, On the 23rd day of March A. D. 1957
Permit No. 397-3 was issued to said applicant for the diversion of said water, and providing for the
completion of the works of diversion therein described on or before the 13th day of
March A. D. 1958 and for the application to beneficial use of said
water on or before the 13th day of March A. D. 1959
and,

WHEREAS, On the 28th day of July A. D. 1966
the holder of said permit duly made proof of the completion of adequate works for the diversion of 3.12
cubic feet per second of said waters, as evidenced by our Certificate No. 397-3
dated August 26, 1966 confirming the completion of works of sufficient capacity for
diverting and conveying to the place of intended use 3.12 cubic feet per second of water, with date of
priority of January 22, 1957 and,

WHEREAS, On the 28th day of July A. D. 1966
proof was duly made of the application to beneficial use of 3.12 cubic feet per second of said water;
for municipal use by the City of Sioux Falls

NOW, THEREFORE, By the virtue of the authority vested in us by the laws of the State of South Dakota,
We hereby grant and confirm to the City of Sioux Falls

~~mk~~ the holder and owner of said permit No. 397-3
a water right, dating from January 22, 1957 to the use of 3.12

cubic feet per second of the waters of ground water
in the County of Minnehaha

and State of South Dakota, or so much thereof as may be
necessary for the purposes hereinbelow mentioned, to be diverted at a point 654'E and 33'N of the
center of Section 20, T102N, R49W

and conducted to ~~and through~~ the city water distribution system

for the purpose of municipal use

subject, however, to the laws of the State of South Dakota applicable to a license for the use of the waters of the
State, and subject, also to the local or community customs, rules and regulations which have been or may be
adopted from time to time by a majority of the users from a common source of supply, canal or lateral from
which such water may be taken, when such rules and regulations have for their object the economical use of such
water.

WITNESS, My hand and seal of our office at Pierre, South Dakota,
this 26th day of August A. D. Nineteen
Sixty-Six
Hundred and _____

State Water Resources Commission

By:

J. W. GRIMES
Chief Engineer, Executive Officer

STATE OF SOUTH DAKOTA

Water License No. _____

To _____

Source of Supply _____

County _____

Am't _____ c. f. s.

Point of Diversion _____

Place of Use _____

Purpose _____

Date of Priority _____

Recorded _____

In Book _____ of _____ Page _____

Permit No. 397-3
SIG SIOUX
 Water Division No. 3 RIVER Water District

Certificate of Examination of Works

Report of Examining Engineer

To the State Water Resources Commission, Pierre, South Dakota:

Dear Sirs: I hereby certify that in accordance with your letter of authorization dated _____
 10_____, I have this day made a thorough examination of the diversion works constructed by _____
THE CITY of SIOUX FALLS
MINNEHAHA County, South Dakota, holder of Permit No. 397-3, issued
 upon Application No. 397-3 bearing date of priority of JANUARY 22, 1957, authorizing the
 diversion of 3.12 cu. ft. per second of the waters of GROUND WATER for MUNICIPAL
 purposes. I have to report on the condition of the same as follows:

The diversion works comprise: WELL #33 - RANNEY WELL - FAIRBANKS -
MORSE TURBINE PUMP #AW 2374 - POWERED BY 25 H.P.
FAIRBANKS - MORSE ELECTRIC MOTOR QZKV. 25' OF
12" LINE TO 16" COLLECTION LINE

and the system is in the following condition: EXCELLENT

The point of diversion is located 654' E & 33' N OF THE CENTER
OF SECTION 20, T102N, R49W

The works are capable of diverting and conveying to the place of use 3.12 cu. ft. per second of water,
 which is to be used for MUNICIPAL USE

The legal sub-divisions to be irrigated are: _____

_____ comprising a total of _____ acres of land.
 The domestic use intended comprises _____

The utilization for power, mining, or other beneficial uses comprises: _____

Witness my hand, this 28TH day of _____

JULY

1966

—SEAL—

Burton Jones
 Examining Engineer
 OFFICER

(First Publication before February 8, 1957)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., January 28, 1957.

Notice is hereby given that The City of Sioux Falls whose postoffice address is Sioux Falls S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 3.12 cubic feet of water per second of time from ~~the~~ ground water through the Well No. 33, the point of diversion of which is to be located on the ~~bank of said stream~~ in the NW $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 20 Twp. 102N Range 42W Sal' water to be used for the purpose of ~~providing irrigation on the following described land:~~

municipal water use of the cityand ~~that~~ STATE

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 12th day of March, 1957, at 2:00 P.M. All interested persons may appear and be heard.

Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.

State Water Resources Commission

By:

J. W. Grimes, Chief Engineer, Executive Officer

cc-John A. Kennedy, Publisher
Daily Argus Leader
Sioux Falls, SD

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
 County Minnehaha } ss.

A. A. ROESLER being duly sworn, deposes and says the annexed printed copy of Notice of Intention to Appropriate Water was taken from the _____

STIOUX FALLS ARGUS LEADER a newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in the _____ City _____ of _____ Sioux Falls _____ County of _____

Minnehaha and State of South Dakota; that the said notice was published in said newspaper on the following dates:

February 4, 1957

February 11, 1957

February 18, 1957

February 25, 1957

in each and every issue of the full number thereof, the first publication being made on the 4th day of February 1957 and the last publication on the 25th day of

February 1957, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was Comptroller the printer and publisher of the said newspaper.

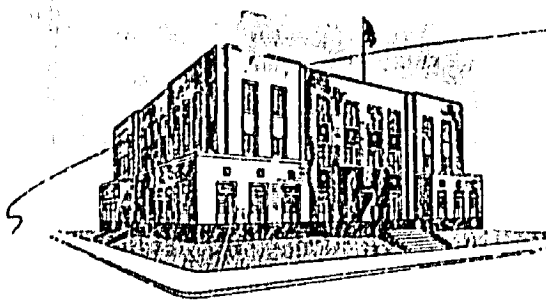
[Signature]

Subscribed and sworn to before me this 25th day of February A. D. 1957.

Eleanor Taguer
 Notary Public Minnehaha County, S. D.

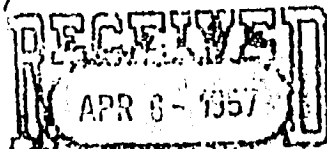
APPROPRIATION OF WATER
 Office of State Water Resources Commission
 Pierre, S. Dak., January 28, 1957.
 Notice is hereby given that The City of Sioux Falls, whose postoffice address is Sioux Falls, S. Dak., has made an application in accordance with the provisions of the water laws of South Dakota, for a permit to appropriate for beneficial use 3.12 cubic feet of water per second of time from ground water through the Well No. 33, the point of diversion of which is to be located in the NW 1/4 of the SE 1/4 of Section 20 Twp. 102N Range 19W. Said water to be used for the purpose of municipal water for the city.
 This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 12th day of March, 1957, at 2:00 p.m. All interested persons may appear and be heard.
 Appropriate action will be taken by the Water Resources Commission after suitable time has elapsed for the consideration of any or all information presented.
 —State Water Resources Commission,
 By: J. W. Grimes,
 Chief Engineer, Executive Officer.
 (Feb. 4, 11, 18, 25)

RECEIVED
 MAR 1 1957
 STATE WATER RESOURCES COMMISSION
 PIERRE, SOUTH DAKOTA



City of
SIoux FALLS
SOUTH DAKOTA
CITY ENGINEER

April 5, 1957



State Water Resources Commission
Pierre, South Dakota

Attention: Mr. J. W. Grimes

Dear Sir:

In proceeding with construction of Well No. 33 we have found the aquifer to be much more favorable at a different location. Therefore we request that the location on our application 397-3 be changed as follows:--

654 ft. East of Center of Section 20
33 ft. North of the South line of the
Northeast Quarter of Section 20
in Township 102 North, Range 49
West

I discussed this over the phone with Mr. Wyborny yesterday.

Yours very truly,

R. E. Bragstad
R. E. BRAGSTAD
City Engineer

REB/ca

**OVERSIZE
DOCUMENT IS
SUPPLEMENTARY
TO MICROFILM FILE**