No. 278-1Water Division No. 1 Grand River District
(Blank, to be Filled by the Engineer for the W. R. C.)STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

APPLICATION FOR PERMIT To Appropriate Water within the State of South Dakota

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

1. Name of applicant Town of Buffalo, South Dakota
Postoffice address Buffalo, County Harding 57720, State So. Dak.

1. If a 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

(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)

Employment of others

(b) Cash on hand, \$

(c) Treasury stock, \$

(d) Bonds to be issued, \$

(e) Other resources, \$ Adequate2. Name of diversion work Buffalo Municipal Well No. 33. Amount of water claimed 0.34 cubic feet per second as required by demand4. Source of water supply Well5. Location of point of diversion Well located 890.8 ft. S. 80° 30' 40" W. from the East
4-corner of Sec. 30, T19N, R5E, BHM on bank in Harding County.6. Annual period or periods during which water is to be used all year round7. To be used for: Municipal Water Supply

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 land to be irrigated, giving each subdivision and fraction with a 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

278-1
 Map No.

8. Estimated cost of work:

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

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

(c) Fluming, \$----- (d) Canal-earth 3-----

Rock, \$-----

(e) Other structures Well, complete \$ 800.00

Total, \$-----

9. Description of diversion works:

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

Will install 150 GPM Pump

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-----; slope 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-FOOT 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 Well completed years.

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

12. Choice of newspaper for publication of notice of intention to appropriate-----

Buffalo Times Herald

STATE OF SOUTH DAKOTA

County of Harding } ss.

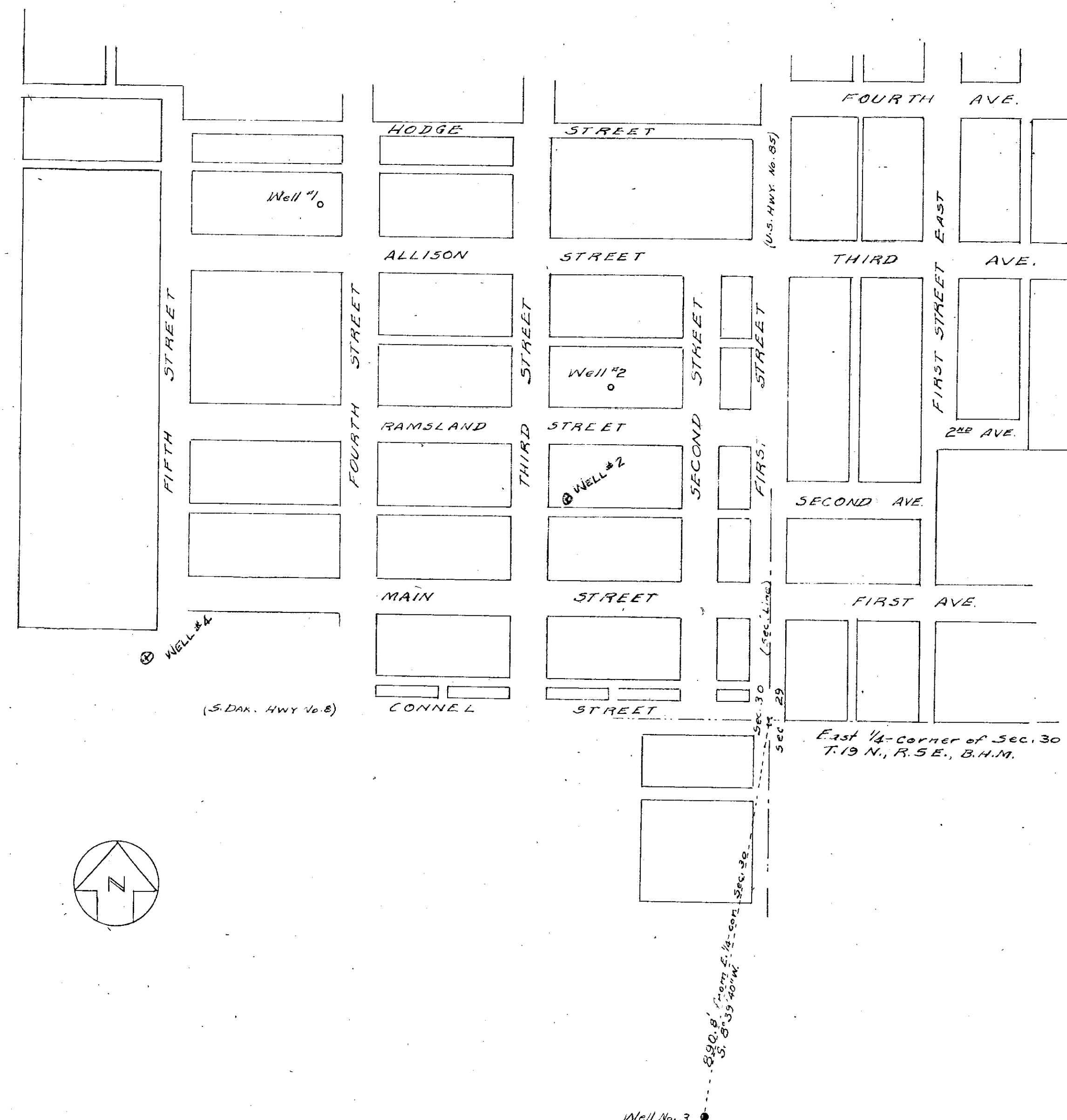
I, John E. Sacrisson, being first duly sworn on my oath depose and say: That my relation to the above described undertaking is that of owner, that I have read the above foregoing statement, examined the map accompanying the same, and that I know of my own personal knowledge that the matters therein stated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

Signed John E. Sacrisson

Subscribed and sworn to before me this 21st day of June 1956

Don R. Bennett
Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.



Remarks by State Water Resources Commission:

STATE OF SOUTH DAKOTA
County of Hughes ss.

Pierre, South Dakota, September 25, 1956

This is to certify that the foregoing application was received by the Commission at 8:30 o'clock
a.m. upon the 19 day of September, 1956

State Water Resources Commission

By:

Joe Primmer

Chief Engineer, Executive Officer

Number of permit 278-1

Date of first receipt of application September 19, 1956

Date of return to applicant for correction, amendments or changes required as follows: September 25, 1956

Date of receipt of corrected application October 11, 1956

Date from which applicant may claim right September 19, 1956

Approved November 21, 1956, Recorded in Book 4 Page 6

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

May 21, 1957

2nd. The whole of said work is to be completed on or before November 21, 1957

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

November 21, 1958

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 0.34 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 November 21, 1958; said water to be used during the following described annual period:

Continuously

Witness my hand this 22 day of March, 1957

State Water Resources Commission

By:

Joe Primmer

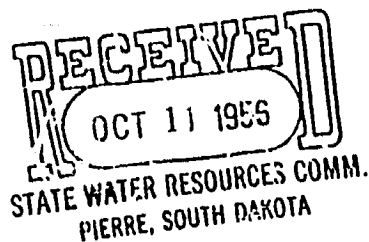
Chief Engineer, Executive Officer

Certificate of Construction issued

March 24, 1957

Water License issued

March 24, 1957



9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 16" , Depth 101'
 Type of casing Steel
 (wood, concrete, steel, etc.)
 Size of casing 10" , Thickness of casing 32.75 #/LF
 Length of casing 102' If collection gallery, length, size and depth of
 gallery

(b) Screens

Type of perforated screen Slotted Casing
 Size of perforated screen 10" , 71'
 (diameter) (length)
 Thickness of gravel pack 3" , length of gravel pack 71'

(c) Water Bearing Materials

Distance to water 23' Character of water bearing materials
 Blue-Gray Sand (Fox Hills)

 Thickness of water bearing material 78'

(d) Pump and Motor

Type of pump Deep Well Turbine (Used*)
 (centrifugal, propeller, mixed flow, etc.)
 Name of pump Pomona , size 5" O.D. Impeller 14 Stag
 Kind of motor Electric
 (gasoline, electric, diesel, etc.)
 Horsepower 5 HP , Name of Motor Fairbanks-Morse

(e) Complete well

Capacity 124 GPM at drawdown of 24' Estimated cost \$1200

(f) Owner of land upon which well is located Town of Buffalo
 Name

..... Buffalo, South Dakota
 Address

(g) Distance to nearest existing wells

On same owner's property 100 rods. On property owned by others 45 rods

* Owner plans new pump, approximately 150 GPM, next year.

STATE OF SOUTH DAKOTA

WATER LICENSE No. . . . 278-1 . . .

WHEREAS, On the 19th day of September A. D. 1956

the Town of Buffalo

~~xxx~~ County of Harding and State of

South Dakota duly made application (No. 278-1) to us for a permit to use .34

cubic feet per second of the waters of ground water

County of Harding, State of South Dakota, for municipal

purposes; and

WHEREAS, On the 22nd day of March A. D. 1957

Permit No. 278-1 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 21st day of

November A. D. 1957 and for the application to beneficial use of said

water on or before the 21st day of November A. D. 1958 and,

WHEREAS, On the 13th day of February A. D. 1964

the holder of said permit duly made proof of the completion of adequate works for the diversion of .13

cubic feet per second of said waters, as evidenced by our Certificate No. 278-1

dated March 24, 1964 confirming the completion of works of sufficient capacity for

diverting and conveying to the place of intended use .13 cubic feet per second of water, with date of

priority of September 19, 1956 and,

WHEREAS, On the 13th day of February A. D. 1964

proof was duly made of the application to beneficial use of .13 cubic feet per second of said water;

for municipal use by the Town of Buffalo

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 X the Town of Buffalo

~~xx~~ the holder and owner of said permit No. 278-1
a water right, dating from September 19, 1956 to the use of .13

cubic feet per second of the waters of ground water

In the County of Harding and State of South Dakota, or so much thereof as may be
necessray for the purposes hereinbelow mentioned, to be diverted at a point S 8° 39' 40" W, 890.6
feet from the E $\frac{1}{4}$ corner, Section 30, T19N, R5E

and conducted ~~to the town~~ through the town 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 24th day of March A. D. Nineteen
Hundred and Sixty-Four

State Water Resources Commission

By:

J.W. GRIMES, Chief Engineer, Executive Officer

STATE OF SOUTH DAKOTA

Water License No. _____

to _____

Source of Supply _____

County _____

Amount _____ c. f. s.

Point of Diversion _____

Place of Use _____

Purpose _____

Date of Priority _____

Recorded _____

in Book _____ of _____ Page _____

Permit No. 278-1Water Division No. 1 GRAND RIVER Water District

Certificate of Completion of Works

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the Town of Buffalo

~~is~~ South Dakota, County of Harding, and State of South Dakota, the holder of Permit No. 278-1, issued upon Application

No. 278-1, bearing date of priority of September 19, 1956, authorizing the diversion of

.34 cu. ft. per second of the waters of ground water

County of Harding, State of South Dakota, at a point S 8°39' 40"

W, 890.8 feet from the E₁ corner, Section 30, T19N, R5E,

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 .13 cu. ft.

per second of water; and that the ~~uses and purposes for which the~~ use of said water are described as follows,

to wit: to be used for municipal purposes for the Town of Buffalo.

Witness my hand this 24th day of March A. D. 19 64

State Water Resources Commission

By:

J.W. GRIMES, Chief Engineer, Executive Officer

Permit No. 278-1
Grand
 Water Division No. 1 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 _____
 19____, I have this day made a thorough examination of the diversion works constructed by _____
the Town, of Buffalo
Harding County, South Dakota, holder of Permit No. 278-1, issued
 upon Application No. 278-1, bearing date of priority of September 19, 1956, authorizing the
 diversion of 34 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: 107' well / 10" casing mounted
w/ Reda 2" submersible pump powered by
a 5HP Electric motor - rated at 60 gal per minute
pumped to 200,000 gallon storage through
8" line

and the system is in the following condition: Excellent

The point of diversion is located S 8°39'40" W from the E 1/4 corner,
Section 30, T19N, R5E

The works are capable of diverting and conveying to the place of use 60 GPM ~~cu. ft. per second~~ of water,
 which is to be used for municipal purposes

The legal subdivisions 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 13th day of February, A. D. 1964

—SEAL—

Dwight Jones
 Examining Engineer
 Officer

1. Considered Mar 13, 1956
2. Name of Applicant Town of Buffalo # 278-1
3. Post Office Address Buffalo, N.D.
4. Amount of water claimed 0.34 Cfs
5. Source of water supply ground water
6. Water to be used for Municipal water supply
7. ^{Sec 36-194-57} Acres to be irrigated
Water to be diverted and used in Glendive County about
 miles of .
8. Proof of Publication Received
 Not Received
9. Application Approved ✓
 Subject to
 Not Approved
 Action deferred

10. Remarks:

AFFIDAVIT OF PUBLICATION

STATE OF SOUTH DAKOTA, County of Harding, ss.

Donald L. Cammack of said County and State,
being first duly sworn, on his oath, says: That the BUFFALO TIMES-HERALD is a weekly
newspaper of general circulation, printed and published in the Town of Buffalo, in said
County and State, by Donald L. Cammack

and has been such newspaper during the time hereinafter mentioned and that I,
Donald L. Cammack the undersigned, am Publisher of said
newspaper, in charge of the advertising department thereof, and have personal knowledge
of all the facts stated in this affidavit; and the advertisement headed

Notice of Intention to Appropriate Water

....., a printed copy of
which is herewith attached, was printed and published in the regular and entire issue of said
newspaper and not in any supplement, once each week for Four successive
weeks, the first publication being made on the 18th day of October 1956
and the last publication being made on the 8th day of November 1956
The first publication being made on the 18th day of October 1956
The second publication being made on the 25th day of October 1956
The third publication being made on the 1st day of November 1956
The fourth publication being made on the 8th day of November 1956
The fifth publication being made on the day of 19.....
The sixth publication being made on the day of 19.....
The seventh publication being made on the day of 19.....
The eighth publication being made on the day of 19.....

That said newspaper is a legal newspaper, and has a bona fide circulation of more than two
hundred copies weekly, and has been published within the County of Harding for more than
fifty-two successive weeks next prior to the first publication of said notice, and is printed in
English in an office maintained in Buffalo, South Dakota, the place of publication of said
newspaper. That the full amount of the fees for the publication of the annexed notice is
\$ 11.10 and inures solely to the benefit of said publishers; that no agreement or un-
derstanding for a division thereof has been made with any other person and that no part
thereof has been agreed to be paid to any person whomsoever.

Subscribed and sworn to before me this 16th day of November 1956

Donald L. Cammack
Donald L. Cammack
Notary Public

NOTICE OF INTENTION TO APPROPRIATE WATER

No. 273-1

Office of State Water Resources
Commission, Pierre, S. Dak.
October 11, 1956.

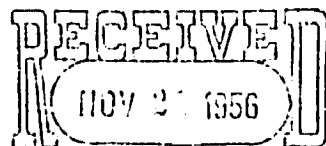
Notice is hereby given that the
Town of Buffalo whose postoffice ad-
dress is Buffalo, S. Dak., has made
an application in accordance with
the provisions of the water laws of
South Dakota for a permit to ap-
propriate for beneficial use 0.24 cubic
feet of water per second of time
from ground water through the Buf-
falo Municipal Well No. 3, the point
of diversion of which is to be lo-
cated in the NE1/4 of the SE1/4 of
Section 30, Twp. 15N Range 51E.
Said water to be used for the pur-
pose of providing municipal water
for the town.

This application will be taken up
by the State Water Resources Com-
mission at their office at Pierre for
consideration upon the 13th day of
November, 1956, at 2:00 P. M. All
interested persons may appear and
be heard.

Appropriate action will be taken
by the Water Resources Commis-
sion 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.

(Pub. Oct. 15-25-Nov. 1-5)



STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

Publication Fees . . . \$.....

Received Payment,