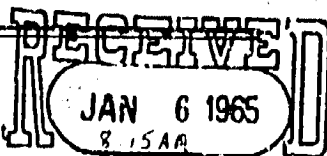


743-1

1. Considered 3-10, 1965
2. Name of Applicant CITY OF DUPREE
3. Post Office Address _____
4. Amount of water claimed .50
5. Source of water supply ARTESIAN GROUND WATER (1400500)
6. Water to be used for MUNICIPAL
Acres to be irrigated _____
7. Water to be diverted and used in JEFFERSON County about
_____ miles _____ of 6.000 LITERS
8. Proof of Publication Received ☒
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 743-1Water Division No. 1 MOREAU RIVER District
(Blanks 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 CITY OF DUPREE
 Postoffice address DUPREE, County Ziobach, State SOUTH DAKOTA

- I. 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 direct labor)
CONTRACT

 (b) Cash on hand, \$----- (c) Treasury stock, \$-----
 (d) Bonds to be issued, \$90,000.00 (e) Other resources, \$-----

2. Name of diversion work DUPREE DEEP WELL No. 1
 3. Amount of water claimed 0.5 cubic feet per second
 4. Source of water supply MADISON (PAHASAPA) FORMATION
 5. Location of point of diversion 50' NORTH & 50' EAST OF SW COR. BLOCK 41, CITY OF
DUPREE IN SE 1/4 NW 1/4 S31, T13N, R21E BHM on ----- bank ----- County.
 6. Annual period or periods during which water is to be used ALL YEAR
 7. To be used for: MUNICIPAL WATER SUPPLY FOR CITY OF DUPREE

- 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 -----
 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 -----

MAP No 624-1

8. Estimated cost of work:

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

(c) Fluming, \$-----

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

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

\$55,000

TREATMENT PLANT

(b) Pumping plant, \$25,000

Rock, \$-----

Total, \$80,000.

9. Description of diversion works:

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

DEEP WELL (4400±) AND TREATMENT PLANT

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	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-----years.

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

12. Choice of newspaper for publication of notice of intention to appropriate-----
West River Progress, Dupree, South Dakota

STATE OF SOUTH DAKOTA

County of Ziebach

Maurice H. Hickenbotham

ACTING FOR AND AS THE CITY OF DUPREE, S. D.

I, Maurice H. Hickenbotham, 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 *Maurice H. Hickenbotham*

Subscribed and sworn to before me this 4th day of January 1965

Paul C. Anderson, CITY AUDITOR
Notary Public (or other qualified officer.)

SURVEYOR'S CERTIFICATE

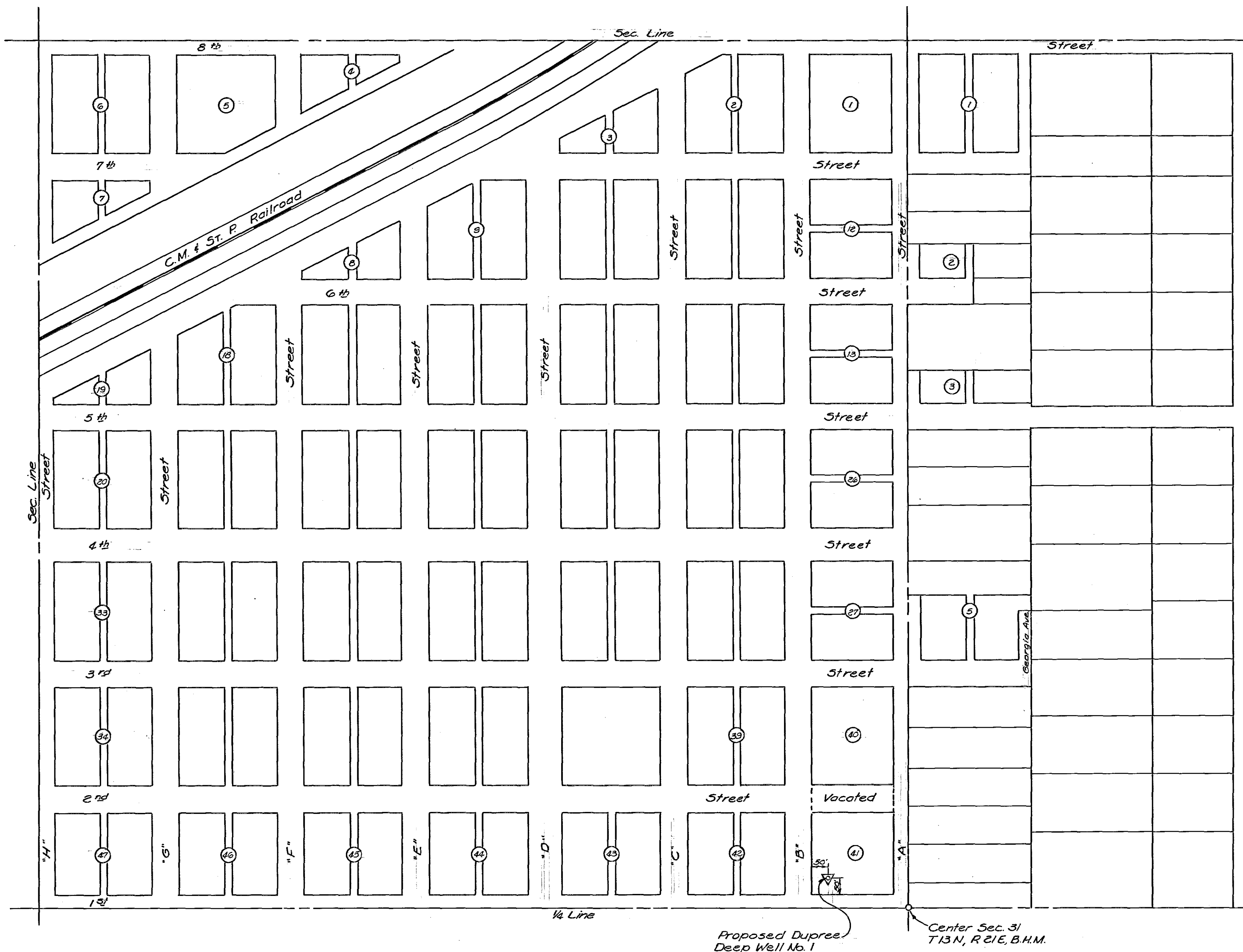
I Frank R. Brady, Registered land surveyor, do hereby certify that at the direction of the Dupree City Council, I have surveyed and located the location of the proposed Dupree Well No. 1 as shown hereon. All dimensions as shown are true and correct.

Frank R. Brady
Registered Land Surveyor

ACKNOWLEDGMENT OF SURVEYOR STATE OF SOUTH DAKOTA, COUNTY OF LAWRENCE

Be it remembered that on this 22 day of December, 1964, before me, the undersigned, A notary public, personally appeared Frank R. Brady, known to me to be the person described in and who executed the foregoing certificate.

George E. Clapp
Notary Public



LOCATION OF PROPOSED
DUPREE DEEP
WELL No. 1

DUPREE, SOUTH DAKOTA

Brady Engineering Consulting Engineers Spearfish, South Dakota	Acct. No. W-80 Drawn By: RL Checked By: FRB	Scale: 1" = 200' Date: Dec. 22, 1964 Sheet 1 of 1
--	---	---

MAP NO 624-1 (APP NO 743-1)

Remarks by State Water Resources Commission:

THIS WELL IS TO BE VALVED AND CONTROLLED SO AS TO PREVENT A WASTE OF WATER. IF, AT ANY TIME, THIS PERMIT IS CANCELLED OR THE WELL IS ABANDONED, THE WELL MUST BE RUGGED ACCORDING TO SPECIFICATIONS SATISFACTORY TO THE COMMISSION.

STATE OF SOUTH DAKOTA
County of HUGHES ss.

Pierre, South Dakota, MARCH 11, 1965

This is to certify that the foregoing application was received by the Commission at 8:15 o'clock a m. upon the 6th day of JANUARY, 1965

State Water Resources Commission

By:

William J. Jones
for Chief Engineer, Executive Officer

Number of perm't 743-1

Date of first receipt of application JANUARY 6, 1965

Date of return to applicant for correction, amendments or changes required as follows: _____, 19____

Date of receipt of corrected application _____, 19____

Date from which applicant may claim right JANUARY 6, 1965

Approved MARCH 10, 1965, Recorded in Book 8 Page 305

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 10, 1966

2nd. The whole of said work is to be completed on or before MARCH 10, 1968

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

MARCH 10, 1970

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 .50 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~~

USED FOR MUNICIPAL PURPOSES

and beneficially ~~applied for irrigation~~ on or before MARCH 10, 1970; said water to be used during the following described annual period:

CONTINUOUSLY

Witness my hand this 11th day of MARCH, 1965

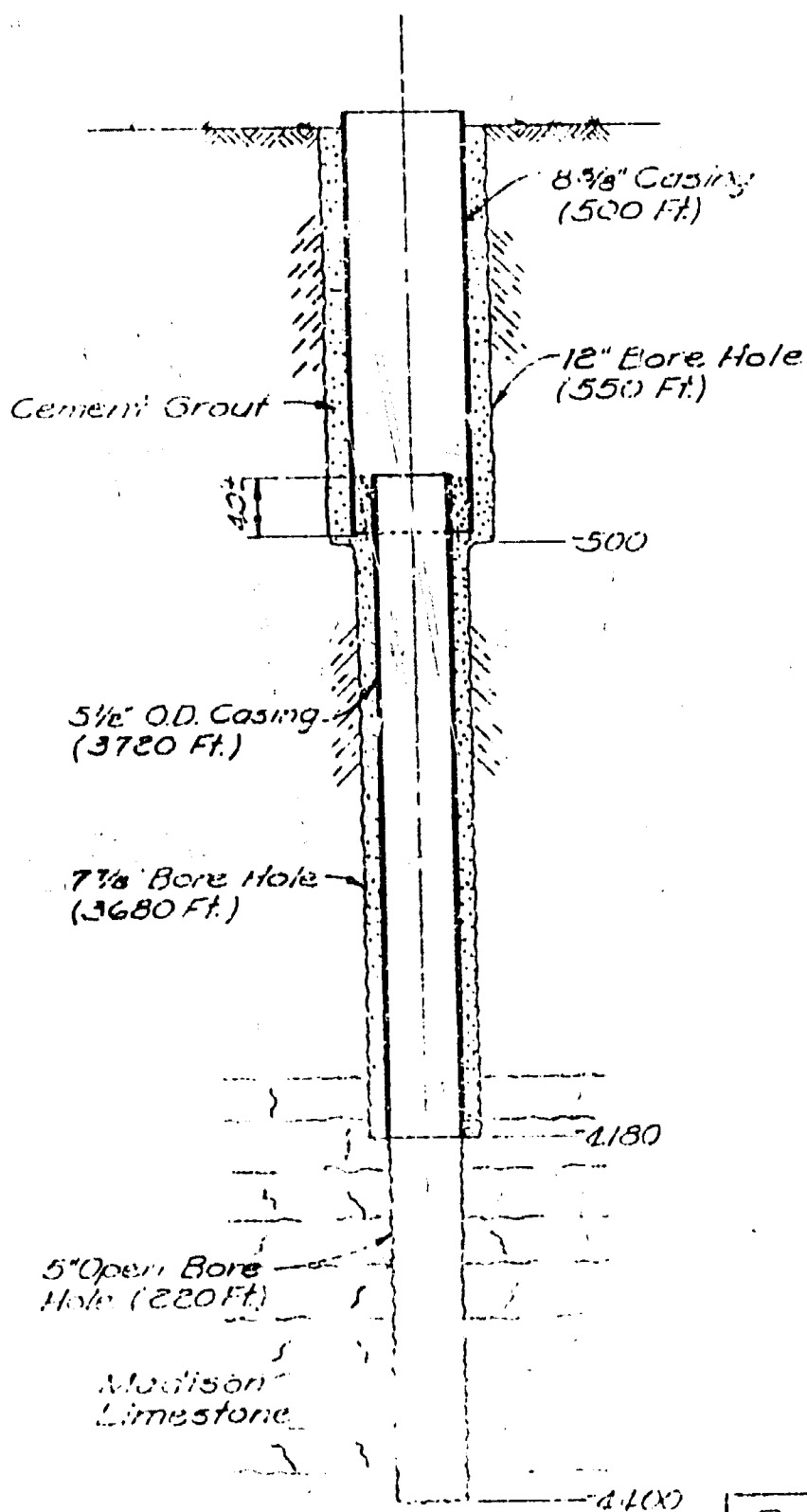
State Water Resources Commission

By:

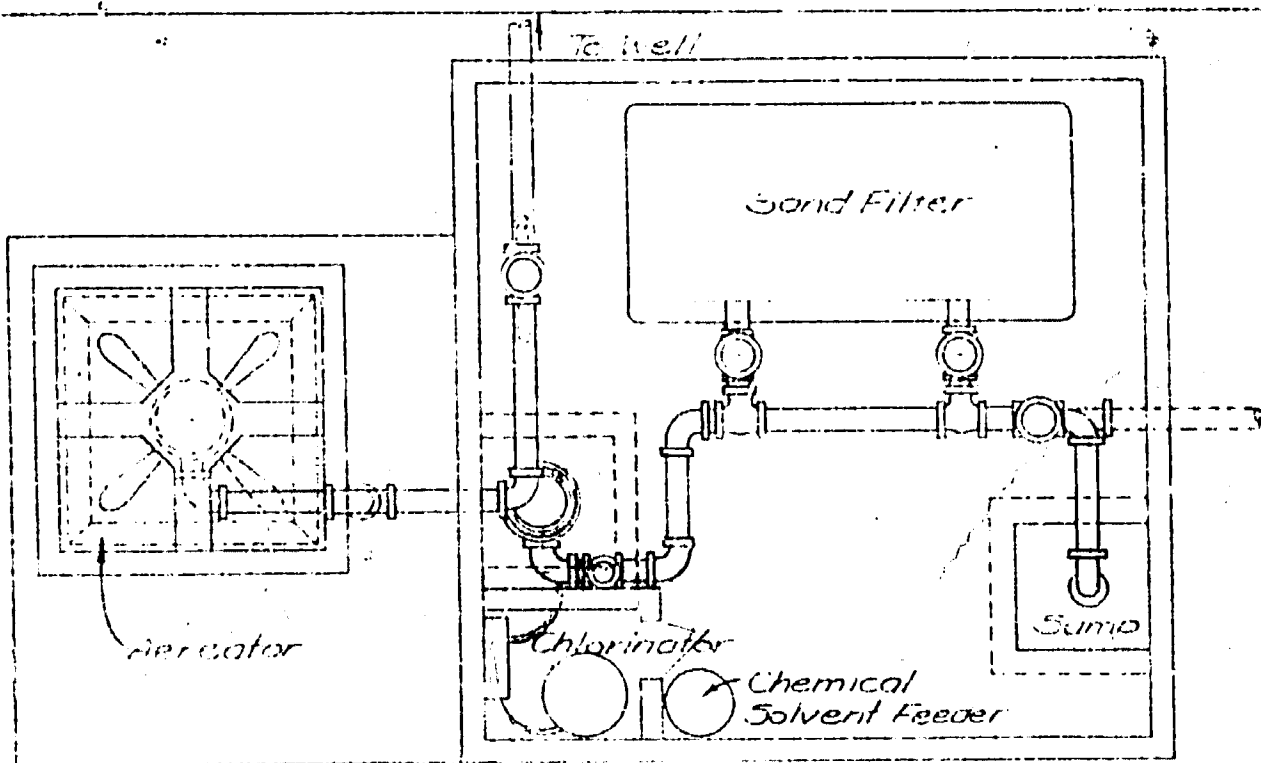
William J. Jones
Chief Engineer, Executive Officer

Certificate of Construction Issued JANUARY 14, 1970

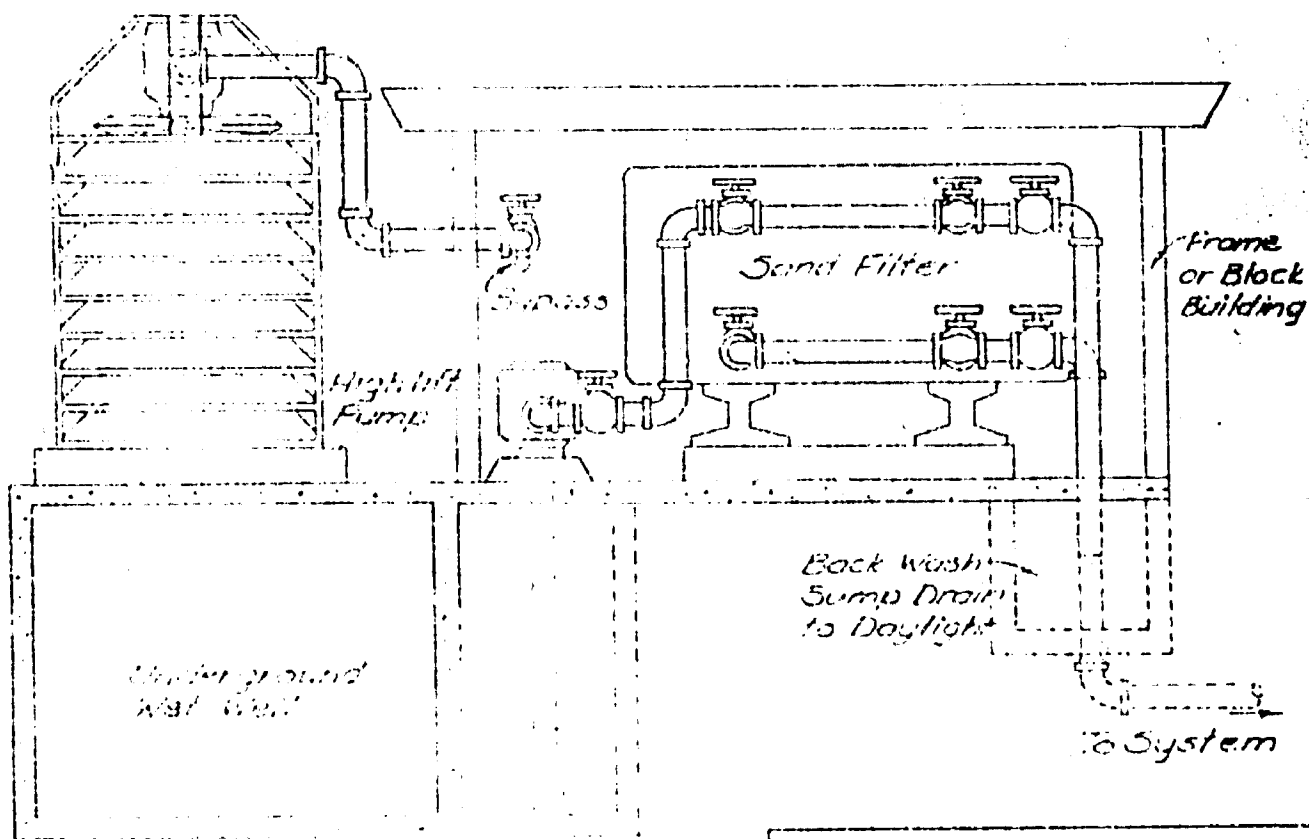
Water Lic. sued JANUARY 14, 1970



PRELIMINARY WELL
DESIGN FOR
DUFELE, S. DAK.
1964



PLAN



ELEVATION

PRELIMINARY WATER
TREATMENT DESIGN FOR
DUPRE, S. DAK.
1964

Form 2A -- Wells (Supplement to Form 2)

9. (Continued)

III. Well Specifications SEE ATTACHED SKETCH

	12"	500' ±
	8"	4200' ±
(a) Hole and casing	5"	4400' ±

Size of drill hole or excavation, Depth

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

Size of casing 8" & 5" Thickness of casing 3/4"

Length of casing 8" TO 500' ±
5" TO 4200' ± If collection gallery, length, size and depth of gallery

(b) Screens NONE - OPEN HOLE IN MADISON LIMESTONE

Type of perforated screen

Size of perforated screen (diameter) (length)

Thickness of gravel pack length of gravel pack

(c) Water Bearing Materials MADISON FORMATION

Distance to water EST. 4200' Character of water bearing materials LIMESTONE

Thickness of water bearing material EST. 500'

(d) Pump and Motor

Type of pump EXPECT SUFFICIENT ARTESIAN FLOW
(centrifugal, propeller, mixed flow, etc.)

Name of pump size

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

Horsepower Name of Motor

(e) Complete well

EST. Capacity 225 GPM at drawdown of 0 Estimated cost \$55,000

(f) Owner of land upon which well is located CITY OF DUPREE
Name
DUPREE, SOUTH DAKOTA
Address

(g) Distance to nearest existing wells
20 MILES TO NEAREST WELL IN SAME FORMATION.
On same owner's property rods On property owned by others rods

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 743-1

(1) WHEREAS, On the 6th day of January A. D. 19 65
the City of Dupree

made Water Right Application No. 743-1 for a permit to use .50 cubic feet per second of the waters
of ground water

County of Ziebach, State of South Dakota, for municipal
_____ purposes; and

(2) WHEREAS, On the 11th day of March A. D. 19 65
Permit No. 743-1, with a date of priority of January 6, 1965

was issued to said applicant _____ for the diversion of said water, and provided for the completion of construction of the water
supply system therein described on or before the 10th day of March A. D. 19 68 and for the
application to beneficial use of said water on or before the 10th day of March A. D. 19 70

and;

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to completion of the construction of the water supply system and is entitled to divert .19 cubic feet
per second of water for beneficial use and,

(4) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota
relating to the application of water to beneficial use of the following extent,

to be used for municipal purposes by the City of Dupree

(5) 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 Depree

~~xxxx~~
the holder _____ and owner _____ of said permit No. 743-1 a water right, dating from January 6, 1965
to use of _____ 19 cubic feet per second of the waters

of ground water
in the County of Ziebach and State of South Dakota, or so much thereof as may be necessary for the purposes hereinbelow mentioned, to be diverted at a point 400' E., and 30' N., of the Center,
Section 31, T13N, R21E

and conduct ~~to and upon~~ through the City water distribution system

for the purpose of municipal use

Subject to any limitations listed in Water Right Permit No. 743-1 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 14th day of January A. D.
Nineteen Hundred and Seventy

WATER RESOURCES COMMISSION

By:

Chief Engineer, Executive Officer, J.W. GRIMES

Permit No. 743-1

Water Diversion No. 1 Moreau River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That the City of Dupree

_____ the holder _____ of
Permit No. 743-1, issued upon Application No. 743-1, bearing date of priority of January 6,
1965 authorizing the diversion of .50 cu. ft. per second of the waters of _____
ground water _____ County of Ziebach, State of South Dakota at a
point 400' E., and 30' N., of the center of Section 31, T13N, R21E

_____, for municipal

purposes, has s 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 .19 cu. ft. per second of water.

Date January 14, 1976

WATER RESOURCES COMMISSION

By:

J.W. GRIMES, Executive Officer

Permit No. 743-1Water Division 1 MOREAU RIVER Water District

REPORT OF EXAMINATION OF WORKS AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by the City of
Dupree of Dupree, South Dakota holder
 of Permit No. 743-1, bearing date of priority of January 6, 1965
 authorizing the diversion of 0.5 cu. ft. per second of the waters of Madison Formation (Artesian Water)
 for municipal purposes, in Ziebach County.

I have to report on the condition of the same as follows:

The Water Use System consists of,

A. Works used to divert the water.

4500' well - 500' 12" surface casing, 500' 8" casing - Approx. 3700' 5" casing
 Aerator - Two filter tanks, clear well (20,000 gallon capacity)

B. Works used to transport water to place of use,

Deming pump, 8" 4021 H-D - U.S. Motor, 15 HP. 6 inch main line to 50,000 gallon
 elevated storage tower.

C. Works used to apply water to beneficial use.

City distribution system, Hydrants and taps

The system is in the following condition: good

The point of diversion is located 400 feet east and 30 ft. north of Center of Section 31,
T13N, R21E

The works are capable of diverting and conveying to the place of use 0.19 (86 g.p.m.)cu. ft. per second of water which is to be used for municipal purposes

Water has been put to beneficial use to the maximum extent as follows: Well was drilled in 1965 and
water has been used for municipal purposes to the extent indicated since that
time. The well is valved and controlled.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

Water temperature of well head - 135° F.

Date December 11, 1969

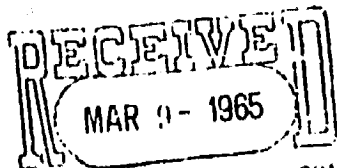
Donald Driscoll
 (Signature)

DONALD DRISCOLL, Deputy Chief Engineer, W.R.C.

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA }
County Ziebach } ss.Harry L. Tarrbanks being duly sworn, deposes and says the annexed printed copy of Notice

of Intention to Appropriate Water was taken from the -----

West River Pioneer newspaper which during the whole time of publication of said notice herein after stated, has been and is printed and published in thecity of Dupree County of Ziebach and State of South Dakota; that the said notice was published in said newspaper on the following dates:Feb 4-11-18-25, 1965in each and every issue of the full number thereof, the first publication being made on the 4 day of Feb 1965 and the last publication on the 25 day of Feb 1965, upon which days or times of publication aforesaid the newspaper was regularly published, and that during the whole time of said publication he was ----- the printer and publisher of the said newspaper.Harry L. TarrbanksSubscribed and sworn to before me this 26 day of February A. D. 1965STATE WATER RESOURCES COMM
PIERRE, SOUTH DAKOTANotary Public Ziebach County, S. D.

APPROPRIATION OF WATER

Office of State Water Resources Commission, Pierre, S. Dak., January 28, 1965.

Notice is hereby given that the City of Dupree, 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 .50 cubic feet of water per second of time from artesian ground water through the Dupree Deep Well No. 1, the point of diversion of which is to be located in the SE 1/4

of the NW 1/4 of Section 31 Twp. 13N Range 21E. Said water to be used for the purpose of providing municipal supplies for the City of Dupree.

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 10th day of March, 1965, at 2 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:

BURTON F. JONES

Water Right Specialist

Pub. 2-4-11-18-25

on or before February 11, 1965
(First Publication)

APPROPRIATION OF WATER

Office of State Water Resources Commission,

Pierre, S. Dak., January 23, 1965

Notice is hereby given that the City of Dupree, ~~whose postoffice~~

~~XXXXXX~~ 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 .50 cubic feet of water per second of time from ~~the~~ artesian ground water through the Dupree Deep Well #1, the point of diversion of which is to be located ~~on the~~

~~bank of said stream~~ in the SE $\frac{1}{4}$ of the ~~SE~~ $\frac{1}{4}$ of Section 31

Twp. 13N Range 21E. Said water to be used for the purpose of providing ~~irrigation on the~~ col-

~~lowing described land:~~

municipal supplies for the City of Dupree.

~~XXXXXX~~ ~~purpose~~

This application will be taken up by the State Water Resources Commission at their office at Pierre for consideration upon the 10th day of March, 1965, at 2 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:

BUPTON F. JONES
Water Right Specialist

CC: Harry L. Fairbanks, Publisher
West River Progress
Dupree, S. Dak.

OVERSIZE

DOCUMENT IS

SUPPLEMENTARY

TO MICROFILM FILE

Brady Engineering

CONSULTING ENGINEERS

SOUTH HIGHWAY 14 PHONE 642-2656

SPEARFISH, SOUTH DAKOTA

12 APRIL 1965

RECEIVED
APR 13 1965

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

MR. JOSEPH GRIMES, DIRECTOR
WATER RESOURCES COMMISSION
STATE OFFICE BUILDING
PIERRE, SOUTH DAKOTA

RE: DUPREE, SOUTH DAKOTA
APPLICATION TO APPROPRIATE WATER

DEAR MR. GRIMES:

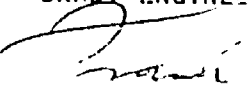
RECENTLY, THE CITY OF DUPREE MADE APPLICATION TO APPROPRIATE WATER FROM THE MADISON (LAHASAPA) FORMATION. THEY WOULD LIKE TO CHANGE THE PROPOSED LOCATION SOMEWHAT AS INDICATED ON THE ENCLOSED PRINTS. (THESE ARE PRINTS OF PART OF THE ORIGINAL APPLICATION MAP). THE REASON FOR THE CHANGE IS THAT THEY EXPECT TO INSTALL AN AERATION AND COOLING TOWER AT THE WELL. THERE WILL BE WATER VAPOR AND SOME HYDROGEN SULPHIDE RELEASED IN THE AERATION PROCESS. THEY WANT THIS FARTHER FROM ANY RESIDENCES.

I ASSUME THAT THIS CHANGE CAN BE MADE IN THE ORIGINAL APPLICATION THAT YOU HAVE ON FILE. IF ADDITIONAL INFORMATION IS NEEDED PLEASE CALL ON US.

THE CITY BELIEVES THEY HAVE THE FINANCIAL ARRANGEMENTS MADE WHEREBY THEY CAN UNDERTAKE THE CONSTRUCTION EARLY THIS SUMMER.

YOURS TRULY,

BRADY ENGINEERING COMPANY


FRANK R. BRADY

FRB:LK

ENCL:

1

