

1. Considered Nov 13, 1956
2. Name of Applicant City of Rapid City #433-2
3. Post Office Address Rapid City, S.Dak.
4. Amount of water claimed 0.84 cfs
5. Source of water supply Well No. 1
6. Water to be used for Municipal Purposes
- Acres to be irrigated
7. Water to be diverted and used in Pennington County about
 miles near of Rapid City
8. Proof of Publication Received Not Needed
Not Received
9. Application Approved Subject to Rec of Town 2-4
Not Approved
Action deferred

10. Remarks:

Vote of People

RECEIVED
SEP 22 1956
8:30 A.M.

No. 433-2
Water Division No. 2 District Rapid City
(Blanks to be filled by the Engineer for the W. R. C.)

STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

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

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

1. Name of applicant City of Rapid City
Postoffice address Rapid City, County Pennington, State S. Dak.

I. If a corporation Municipal
City Commissioners, H. Baker, J. Ewing, M. Haugen, C. Hoeseth,
(a) Name of same E. Johnson, F. Krieger, H. Kypkema, R. Saverson, L. Yeoman

(b) Date and place of incorporation City of Rapid City

(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)
By Contract

(b) Cash on hand, \$ _____

(c) Treasury stock, \$ _____

(d) Bonds to be issued, \$ _____

(e) Other resources, \$ _____

2. Name of diversion work Well No. 1

3. Amount of water claimed 0.84 cubic feet per second

4. Source of water supply Ground Water-Well

5. Location of point of diversion 2625 feet S 21° 31' E of NW corner of Section 9, Township 1N
Range 7E, BHM on _____ bank _____ County.

6. Annual period or periods during which water is to be used year around

7. To be used for:
I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? Municipal purposes

(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.) Domestic use for the City of Rapid City

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

(a) Nature of use Fire protection, public recreation and purposes incidental to
municipal use of water. 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. 452-2

8. Estimated cost of work:

(a) Head Gates, \$ _____

(b) Pumping plant, \$ 16,000.00

(c) Fluming, \$ _____

(d) Canal-earth, \$ _____

Rock, \$ _____

(e) Other structures _____ \$ _____

Total, \$ 16,000.00

9. Description of diversion works:

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

Well and Turbine 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 reduction in size are made.)

Completed May, 1936

10. Time required for completion of work _____ years.

11. Time required for complete application of water to the proposed beneficial use _____ years. Completed May, 1936

12. Choice of newspaper for publication of notice of intention to appropriate _____
Rapid City Daily Journal

STATE OF SOUTH DAKOTA

County of PENNINGTON } ss.

official representative of

I, H. S. Thorgrimsen, City Manager, City of Rapid City, S. Dak., 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 person; knowledge that the matters therein stated and shown are true.

Signed

H. S. ThorgrimsenSubscribed and sworn to before me this 20th day of September 1936

Notary Public (or other qualified officer.)

*Each diversion must have a headgate or measuring device.

T-2-N, R-7-E

29 28
32 33

SURVEYOR'S CERTIFICATE

I, VINAL C. FRANCIS A REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR No. 625 IN AND FOR THE STATE OF SOUTH DAKOTA DO HEREBY CERTIFY THAT THE ACCOMPANYING MAP SHOWS THE LOCATION OF WELLS, SPRINGS AND WATER GALLERIES AS USED BY OR PROPOSED TO BE USED BY THE CITY OF RAPID CITY, SOUTH DAKOTA, SAID MAP BEING MADE FROM PLATS AND RECORDS ON FILE IN THE REGISTER OF DEEDS OFFICE, PENNINGTON COUNTY, SOUTH DAKOTA. I FURTHER CERTIFY THAT THIS MAP IS A TRUE AND CORRECT REPRESENTATION OF THE WELLS, SPRINGS AND GALLERIES.

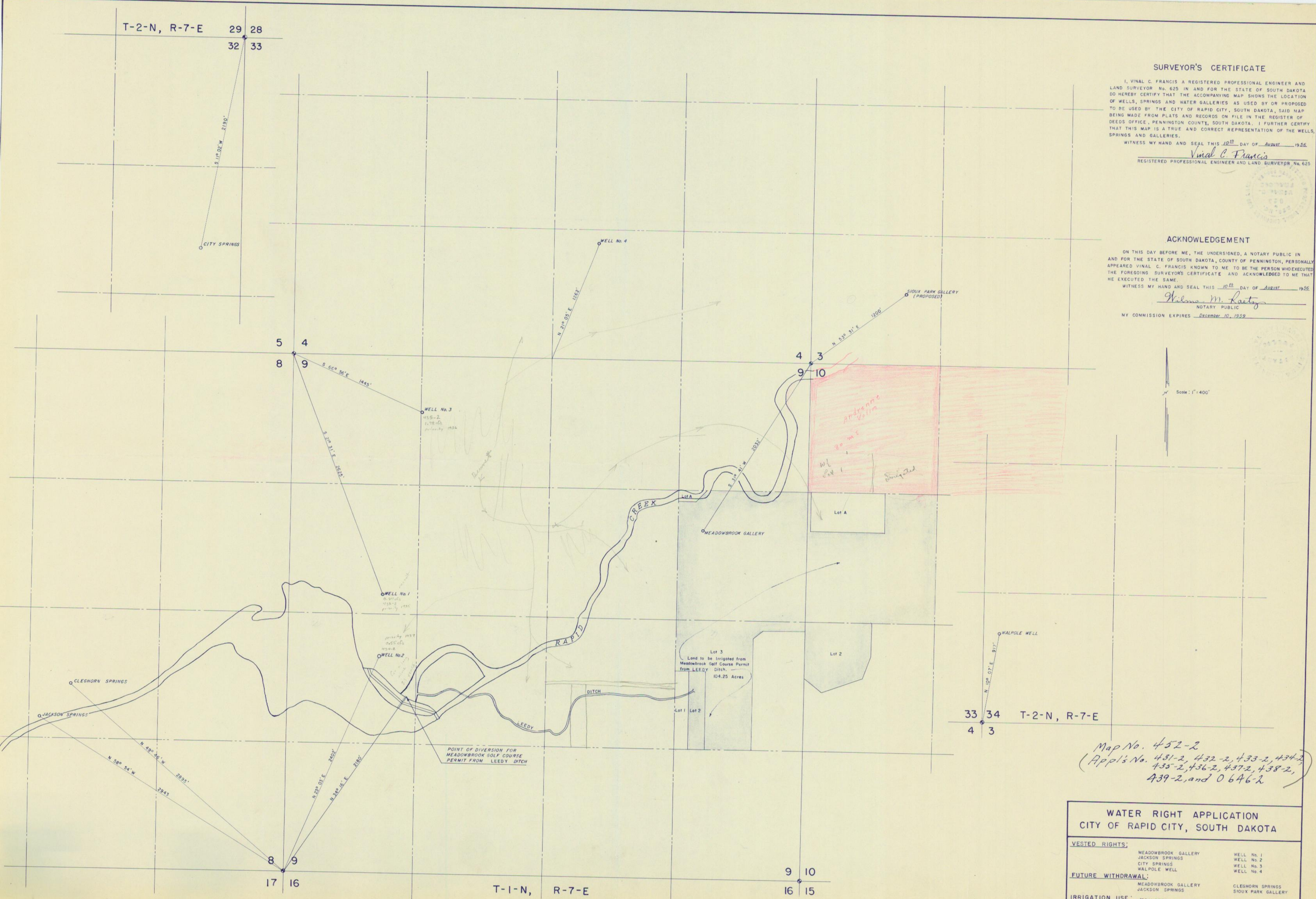
WITNESS MY HAND AND SEAL THIS 10th DAY OF August 1956.
Vinal C. Francis
REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR No. 625

ACKNOWLEDGEMENT

ON THIS DAY BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE STATE OF SOUTH DAKOTA, COUNTY OF PENNINGTON, PERSONALLY APPEARED VINAL C. FRANCIS KNOWN TO ME TO BE THE PERSON WHO EXECUTED THE FOREGOING SURVEYOR'S CERTIFICATE AND ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME.

WITNESS MY HAND AND SEAL THIS 10th DAY OF August 1956.
Helma M. Rietz
NOTARY PUBLIC
MY COMMISSION EXPIRES December 10, 1959

Scale: 1" = 400'



Map No. 452-2
(Appl's No. 431-2, 432-2, 433-2, 434-2,
435-2, 436-2, 437-2, 438-2,
439-2, and 0646-2)

WATER RIGHT APPLICATION
CITY OF RAPID CITY, SOUTH DAKOTA

VESTED RIGHTS:	
MEADOWBROOK GALLERY	WELL No. 1
JACKSON SPRINGS	WELL No. 2
CITY SPRINGS	WELL No. 3
WALPOLE WELL	WELL No. 4
FUTURE WITHDRAWAL:	
MEADOWBROOK GALLERY	CLEGHORN SPRINGS
JACKSON SPRINGS	SIoux PARK GALLERY
IRRIGATION USE: (TRANSFER OF EXISTING WATER RIGHT)	
MEADOWBROOK GOLF COURSE	
PERMIT FROM LEEDY DITCH.	

Remarks by State Water Resources Commission:

"Vested Right" claimed

STATE OF SOUTH DAKOTA

County of

Hughes

ss.

Pierre, South Dakota, September 29, 1956

This is to certify that the foregoing application was received by the Commission at 8:30 o'clock
a.m. upon the 22 day of September, 1956

State Water Resources Commission

By:

Joe Krinner

Chief Engineer, Executive Officer

Number of permit

433-2

Date of first receipt of application

September 22

1956

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

September 29, 1956

Date of receipt of corrected application

December 14

1956

Date from which applicant may claim right

1935

1956

Approved December 14, 1956

Recorded in Book 3, Section 2, Page 37

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

Completed, 1956

2nd. The whole of said work is to be completed on or before Completed, 1956

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

Completed, 1956

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 0.84 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 1956, said water to be used during the following described annual period:

continuously

Witness my hand this

11

day of

January

1957

State Water Resources Commission

By:

Joe Krinner

Chief Engineer, Executive Officer

Certificate of Construction issued

January 11

1957

Water License issued

January 11

1957

VESTED RIGHTS - RAPID CITY

433-2	.84 c.f.s.	Well No. 1
434-2	.55	Well No. 2
435-2	1.78	Well No. 3
436-2	1.55	Well No. 4
438-2	.22	Walpole Well

By agreement between Rapid City and downstream irrigation water right holders, as reflected in the Deerfield and Pactola Reservoirs' contracts with the United States, water sources for Permits 433-2, 434-2, 435-2, 436-2, and 438-2 are not tributary to the surface water flows of Rapid Creek under natural conditions. Consequently, water use by Rapid City under these permits is not subject to replacement in Rapid Creek from the City's stored water in Deerfield and Pactola Reservoirs. (See Permits 431-2, 432-2, or 437-2 and Future Use Permit No. 439-2.)

Form 2A — Wells (Supplement to Form 2)

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation _____, Depth 1460 feet

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

Size of casing _____, Thickness of casing _____

Length of casing _____ If collection gallery, length, size and depth of
gallery _____

(b) Screens

Type of perforated screen perforated casing

Size of perforated screen _____ Approximately 300 feet
(diameter) (length)

Thickness of gravel pack _____, length of gravel pack _____

(c) Water Bearing Materials

Distance to water free flow. Character of water bearing materials Minnelusa Sandstone

Thickness of water bearing material 500 feet to 600 feet

(d) Pump and Motor

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

Name of pump Pamona, size 7" x 6"

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

Horsepower 40, Name of Motor Westinghouse

(e) Complete well

Capacity 300 GPM at drawdown of 64 feet. Estimated cost \$16,000.00

(f) Owner of land upon which well is located City of Rapid City
Name

Rapid City, South Dakota
Address

(g) Distance to nearest existing wells

On same owner's property _____ rods. On property owned by others _____ rods

STATE OF SOUTH DAKOTA

WATER LICENSE No. 433-2....

WHEREAS, On the 22nd day of September A. D. 1956

The City of Rapid City

of Rapid City County of Pennington and State of South Dakota duly made application (No. 433-2) to us for Vested Right permit to use 0.84 cubic feet per second of the waters of ground water County of Pennington, State of South Dakota, for municipal purposes; and

WHEREAS, On the 14th day of JANUARY A. D. 1957 Vested Right Permit No. 433-2 was issued to said applicant for the diversion of said water, and recognizing providing for the completion of the works of diversion therein described xxx in 1935 day of xxx and xxx application to beneficial use of said water xxx in 1935 and and,

WHEREAS, On the 14th day of December A. D. 1956 the holder of said permit duly made proof of the completion of adequate works for the diversion of 0.84 cubic feet per second of said waters, as evidenced by our Certificate No. 433-2 dated January 14, 1957 confirming the completion of works of sufficient capacity for diverting and conveying to the place of intended use 0.84 cubic feet per second of water, with date of priority of 1935 xxx and,

WHEREAS, On the 14th day of December A. D. 1956 proof was duly made of the application to beneficial use of 0.84 cubic feet per second of said water; in the distribution system of the city of Rapid City

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 Rapid City
of Rapid City, South Dakota the holder and owner Vested Right of sale/permit No. 433-2
a water right, dating from 1935 to the use of 0.84
cubic feet per second of the waters of ground water
in the County of Pennington and State of South Dakota, or so much thereof as may be
necessary for the purposes hereinbelow mentioned, to be diverted at 2625 feet, S. 21° 31' E, of
the NW Cor., Sec. 9, T. 1 N., R. 7 E
and conducted to and ~~applied~~ the residents of the City of Rapid City
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 14th day of January A. D. Nineteen
Hundred and fifty-seven

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. 433-2Water Division No. 2 Rapid Creek Water District**Certificate of Completion of Works**

TO ALL WHOM IT MAY CONCERN:

This is to Certify, That the City of Rapid City

of Rapid City, County of Pennington, and State of South Dakota, the holder of Permit No. 433-2, issued upon Application No. 433-2, bearing date of priority of 1935, authorizing the diversion of 0.84 cu. ft. per second of the waters of ground water County of Pennington, State of South Dakota, at 2625 feet, S21° 31' E. of the NW Cor., Sec 9 T 1 N, R 7 E

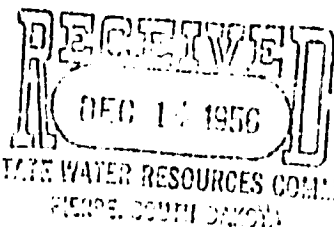
for municipal purposes, has fully complied with the provisions of the laws of the State of South Dakota relating to proof of completion of the works of diversion set out and described in said Permit; that said works are found in satisfactory condition for diverting and conveying to the place of intended use 0.84 cu. ft. per second of water; and that the lands proposed to be irrigated by the use of said water are described as follows to-wit: to furnish municipal water for the distribution system of the City of Rapid City

Witness my hand this 14th day of January A. D. 19 57

State Water Resources Commission

By:

J. W. Grimes, Chief Engineer, Executive Officer

Location No. 433-2Water Division No. 7Water District Rapid City

Proof of Application of Water to Beneficial Use

PETITION OF HOLDER

Ques. 1. State your name, residence, occupation and postoffice address.

Ans. H. S. Thorgrimsen, City Manager

Rapid City, South Dakota

Ques. 2. If acting in behalf of a corporation, state its name, principal place of business (if a foreign corporation, give name and postoffice of statutory agent,) your position with reference to same, and your authority for appearing in its behalf.

Ans. City of Rapid City, South Dakota

Ques. 3. State date of posting and date of recording notice of appropriation.

Ans. _____

Ques. 4. State source of water supply and give exact location of point of diversion.

Ans. Well #1-2625 feet South 21° 31' East of N. W. Corner of Section 9, Township

1N., Range 7 E., B1M.

Ques. 5. Describe your works of diversion giving length and height of each dam and state amount of water they are capable of conveying from point of diversion to place of use, and give name of canal or ditch or other works by which water is conducted to such place of use, and date of completion of same.

Ans. Water is pumped from well to city distribution system.

Ques. 6. State for what purpose water is used and describe place of use. (If for irrigation, name each subdivision in which used, and number of acres in each subdivision that have ACTUALLY been irrigated with said water.)

Ans. Public Water Supply

Ques. 7. If for other than irrigation purpose, state how applied, amount of horse power generated, etc.

Ans. _____

Ques. 8. What is the minimum amount of water required for the use specified above?

Ans. 0.64 CFS

Ques. 9. If you are not the person or representative of the corporation to whom above mentioned permit was originally issued, please state how ownership was acquired by present holder.

Ans. _____

Ques. 10. State when, how, in what amount and to what extent, the water diverted under above mentioned permit has been used.

Ans. Water has been used at the rate of 0.84 CFS since 1935.

(Sign) H. B. Morgan

I hereby certify that the foregoing testimony was read to the above subscriber before its signing, that I believe him to be the person he represents himself to be, and that said testimony was subscribed and sworn to before me, at my office in Rapid City, County of Pennington
State of South Dakota, on this 12th day of December, A. D. 1936

Hilma M. Ratz
Witnesses.

I, the undersigned, do hereby certify that I am a duly qualified elector residing in the immediate vicinity of the diversion works designated in the foregoing testimony, that I have no interest in the works, water or land above described, that I have read the foregoing testimony and that I know of my own personal knowledge that the matters therein stated are true.

Location No. _____

**PROOF OF APPLICATION OF
WATER TO BENEFICIAL USE**

PETITION OF HOLDER

Amount of Water _____ c. f. s.

Source _____

County _____

Purpose _____

Place of Use _____

Date of recording _____

Received and filed _____

Rapid City, S. Dak
26 September 1958

Mr. L. Stalling
City Water Superintendent
Rapid City, S. Dakota

Dear Mr. Stalling:

Pursuant to our discussion today I am including a summary (on a form letter used to order water from the Bureau) of the releases that the District has requested the City to make during the 1959 season.

Note that the total days that the City is obligated (for sure) to the District for replacement would be 162 days. The days for which releases were actually made totaled 111 days.

The total acre-feet for which the city is obligated to replace I don't know but should include water which went into pumps at

1. Jackson Springs
2. Meadow Brook
3. Sprinkler system out of Rapid Creek for Sioux Park
4. Sprinkler system out of Lagoon fed by Iowa ditch for Roosevelt Park
5. Water to Arrowhead out of Leady ditch

The total water replaced from the City to the District was 3148 acre-feet.

After August all orders from City replacement were figured from Pactola (instead of Deerfield) assuming roughly a 10% loss from Pactola to City:

i.e. if City was pumping 10 cfs the release from Pactola would be

10 plus 0.10x10 or 11cfs

For the record I think it should be pointed out to the Mayor and the water committee that the irrigators have been concerned about conserving water (their own and the City's) as I have tried to illustrate above and which can be more vividly illustrated by a study of prior water year's records. There are several flaws in the valley that could be diminished if not eliminated by more careful irrigation practices but not all of these could be completely eliminated anywhere than individual users in the city and always eliminate runoff from their lawns into the streets. The difference is in quantities - if an irrigator working with a 1 cfs should let that amount of water get away for 10 minutes this would be the equivalent of about 1000 gallons. State Engineer Orin has criticized the District for being too conservative at times with the City releases. (This will then be to the detriment of the lower valley as Bob Long will testify)

I only mention these things briefly here because as watermaster one of my jobs should be, I believe, to keep both sides informed. I see both sides of the problem and from what I see I know the irrigators are cooperative and respectful of the City's cooperation. I also know that very few people understand or appreciate the significance of the irrigator's water right.

So I am sure of that and I would be happy to continue to work with you on this problem.

RAPID VALLEY
Water Conservancy District
Rapid City
South Dakota

Date:

Director of Reclamation
Box 156
Keystone, South
Rapid City, South Dakota

Attention:

Gentlemen:

This letter is to confirm the request which has been made
for the release of water as indicated below.

No.	Charged to	Amount A.F.	Rate of Release		Date of Release**		Release from
			cfs	days	ON	OFF	
C-1	City	136	8.5	8	15 May	23 May	Deerfield
C-2	City	680	10	29	23 May	21 June	Deerfield
C-3	City	540	16	20	30 June	20 July	Deerfield
C-4	City	330	18	11	7 Aug	18 Aug	Pactola
C-5	City	1482	17	43	18 Aug	30 Sept	Pactola

Total 3149 111

*This is the date of the time the request was submitted by
means of telephone conversation.

**The hour of release (on and off) is understood by the District
to be 12:00 O'clock noon unless otherwise arranged for and
stated herein.

Very truly

Superintendent

Water Rights Division - DWR
Conversation or File Documentation

File No. 433-2
2121-2

NAME OF PERSON OR FILE: CITY OF RAPID CITY

ADDRESS: 300 6th ST RAPID CITY, SD 57701 COUNTY PENNINGTON

DATE: 7/14/92 TELEPHONE _____

RE: INSPECTION of UR 433-2 and Water Permit 2121-2

COMMENTS:

I Inspected City of Rapid City's Well #1. I Found That
The System Capacity is The Same As That Claimed By UR 433-2
And Water Permit No 2121-2 Combined.

File in Permit or other file as necessary. Use to document conversations and what the other party was told; why action or decision was made.

4/82

NAME: Mark Roth

433-2

SOUTH DAKOTA

VESTED WATER RIGHT NO. 433-2

Date of Receipt of Claim September 22, 1956.

Date of Validation September 30, 1992.

The Water Management Board validated Vested Water Right Claim No. 433-2 for the City of Rapid City, 300 6th Street, Rapid City, South Dakota 57701 with the following limitations, conditions and qualifications:

1. Vested Water Right No. 433-2 appropriates 0.84 cubic feet per second of water from one well located in the SW1/4 NW1/4 Section 9, T1N, R7E.
2. The appropriated water is used for supplying water for the City of Rapid City and may not exceed the amount of water needed for beneficial use for municipal purposes.

The water is to be used during the following annual period:
January 1 - December 31

3. The priority date of the Vested Water Right is: January 1, 1935
4. The water use system has been constructed and water has been applied to beneficial use.
5. Water Rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

WATER MANAGEMENT BOARD

By: John Batelli
Chief Engineer

MAR 16 1993

date

Division of Water Rights
Dept. of Environment and Natural Resources



MAR 16 1993

433-2

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

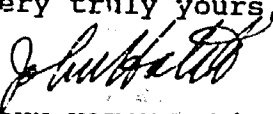
Dan Bjerke, Public Works Director
City of Rapid City
300 6th St
Rapid City SD 57701

Dear Mr. Bjerke:

The Water Management Board has validated the enclosed Vested Water Right Nos. 431-2, 432-2, 433-2, 435-2, 436-2 and 437-2. These validations give legal status to the claim and are the final document for the vested rights.

As long as the water is used beneficially, as stated in the validations, State Water Laws provide a continuing right to use the water.

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3352

enclosures

Permit No. 2121-2 and Vested Water Right Claim No. 433-2
Upper Cheyenne River - Water District

Report Of Examination Of Works And/Or Application of Water To Beneficial Use

TO: Chief Engineer, Division of Water Rights, DENR, Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by City of Rapid City of 300 6th St, Rapid City, SD holder of Permit No. 2121-2, bearing the priority of March 19, 1990 authorizing the diversion of 0.17 cu. ft. per second and of Vested Water Right Claim No. 433-2, bearing the priority of January 1, 1935 authorizing the diversion of 0.84 cu. ft. per second of the waters of ground water for municipal use purposes, in Pennington County.

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

A. Works used to divert the water:

An 8 inch American Turbine pump with a 455 gpm capacity.

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

Municipal water distribution system.

The system is in the following condition good. The point of diversion is located SW1/4 NW1/4 of Section 9 T1N-R7E. The works are capable of diverting and conveying to the place of use 1.01 cu. ft. per second of water which is to be used for municipal use. The license should be issued for 1.01 cfs.

Applicable permit qualifications have been complied with: Yes X No

Exceptions to compliance are: none

Date: 7/14/1992



Mark D. Rath
Natural Resources Engineer
DENR, Water Rights Division

REPORT ON INSPECTION OF PERMIT NO. 2121-2

DATE: 7/14/1992

Other permit(s) associated with the project: Vested Water Right No. 433-2

DIVERSION POINT LEGAL LOCATION: SW1/4NW1/4 of Section 9 T1N-R7E

WELL INFORMATION:

- 1) Well Drilling Firm: Norbeck Company
- 2) No. of Wells 1
- 3) Depth(s) 880 feet
- 4) Well log is available Y
- 5) Comment: Drilled in July 1935

Casing:

- 1) Diameter 10 inches
- 2) Length 880 feet
- 3) Type steel

Screen:

- 1) Type steel casing was perforated
- 2) Length ? feet
- 3) Static water level ? feet

Pump:

- 1) Make American Turbine
- 2) Model 8L30
- 3) Size 8 Inch
- 4) Capacity 455 GPM

Motor:

- 1) Make Franklin Motor
- 2) Model No. 2366186010
- 3) Horsepower rating 50 hp

DISTRIBUTION LINES OR CANALS:

- 1) Type Municipal water distribution system.

PERMIT QUALIFICATIONS AND REGULATIONS:

- 1) Soil and water permit lands agree with lands being irrigated and lands listed on permit NA
- 2) Special qualifications to permit being abided by Y
- 3) All structures, wells and lands on map Y
- 4) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period NA