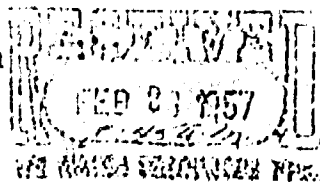


No. 422-3Water Division No. 3 Vermillion River District
(Blanks to be filled by the Engineer for the W. R. C.)

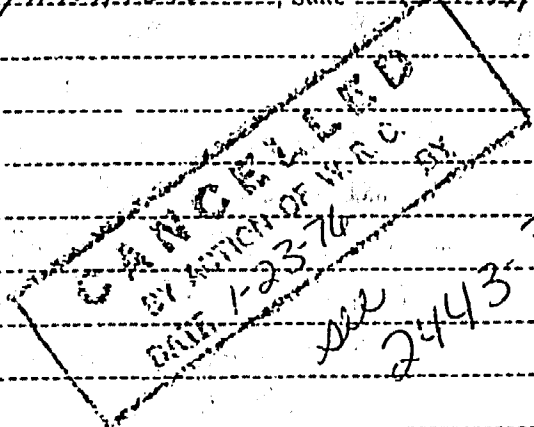
APPLICATION FOR PERMIT To appropriate Water within the State of South Dakota

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

1. Name of applicant Richard Thorsen
Postoffice address YANKTON, County YANKTON, State S.D.

~~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 by direct labor)

Contract

(b) Cash on hand, \$ _____

(c) Treasury stock, \$ _____

(d) Bonds to be issued, \$ _____

(e) Other resources, \$ _____

2. Name of diversion work Richard Thorsen Irrigation Project No. 13. Amount of water claimed 2.26 cubic feet per second4. Source of water supply well5. Location of point of diversion 1710 feet S 47° 21' E NW section corner Sec. 5 Twp 24 R 54_____ on _____ bank YANKTON County.6. Annual period or periods during which water is to be used April 1 To Nov. 30

7. To be used for:

I. Irrigation or domestic use: Gravity, overhead sprinkling or combination system? overhead(a) Number of acres to be irrigated 158.5 198.5 acres.(b) Legal subdivisions to be irrigated W 1/2 NW 1/4, SE 1/4 NW 1/4, NW 1/4 SE 1/4, SE 1/4 NW 1/4, NW 1/4 SE 1/4, SE 1/4 NW 1/4, NW 1/4 SE 1/4, SE 1/4 NW 1/4(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. Map No. 321-3)(c) Statement as to domestic use (giving location, etc.) NONE

H. 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 _____ rods. On property owned by others 80 rods

8. Estimated cost of work:

(a) Head Gates, \$-----	(b) Pumping plant, \$ <u>12,000.00</u> -----
(c) Fluming, \$-----	Rock, \$-----
(d) Canal-earth, \$-----	Total, \$ <u>12,000.00</u> -----
(e) Other structures, <u>\$66,411.50</u> -----	

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

(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 _____

[illegible]

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

[illegible]

10. Time required for completion of work 7 years.

11. Time required for complete application of water to the proposed beneficial use 2 years.

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

STATE OF SOUTH DAKOTA

County of

1, John Robert Hanson, 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.

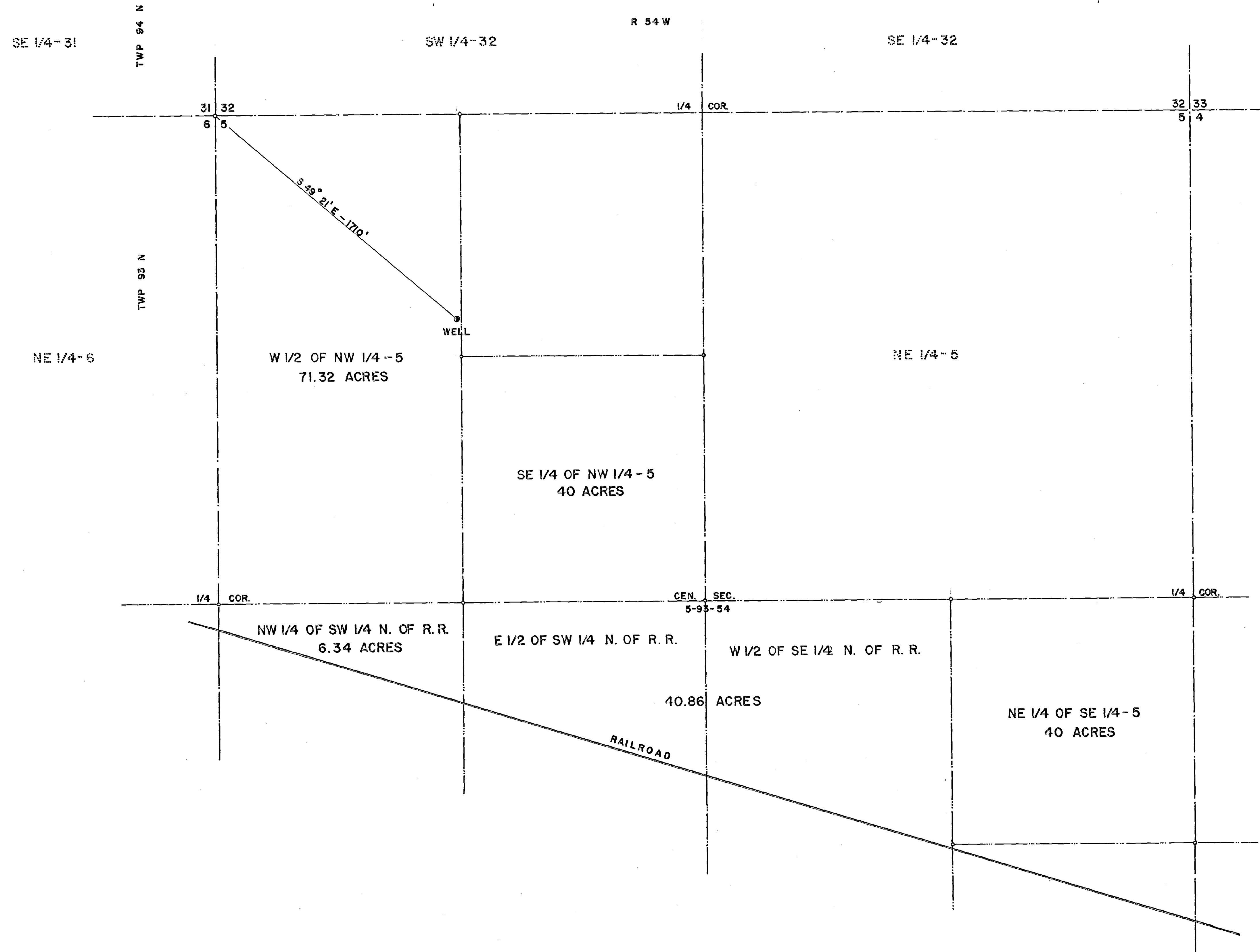
Signed

Subscribed and sworn to before me this

day of

19. سفر

Notary Public (or other qualified officer.)



SURVEYOR'S CERTIFICATE

I, MARVIN R. HECK, A DULY LICENSED LAND SURVEYOR IN AND FOR THE STATE OF SOUTH DAKOTA, DO HEREBY CERTIFY THAT UNDER MY SUPERVISION A CAREFUL SURVEY OF THE RICHARD THORSON IRRIGATION PROJECT NO. 1 WAS MADE AND THE ACCOMPANYING MAP HEREON IS A TRUE AND CORRECT REPRESENTATION OF THE SAME.

IN WITNESS WHEREOF I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL THIS 18 DAY OF FEBRUARY, 1957.

Marvin R. Heck
REGISTERED LAND SURVEYOR

STATE OF SOUTH DAKOTA)
COUNTY OF DAVISON) SS

ON THIS 18 DAY OF FEBRUARY, 1957, BEFORE ME, THE UNDER-SIGNED OFFICER, PERSONALLY APPEARED MARVIN R. HECK, KNOWN TO ME TO BE THE PERSON WHOSE NAME IS SUBSCRIBED TO THE WITHIN INSTRUMENT, AND HE ACKNOWLEDGED TO ME THAT HE EXECUTED THE SAME FOR THE PURPOSE CONTAINED THEREIN.

IN WITNESS WHEREOF I HAVE HEREUNTO SET MY HAND AND OFFICIAL SEAL.

Margaret Gales
NOTARY PUBLIC

MY COMMISSION EXPIRES: Aug 27, 1960

RICHARD THORSON IRRIGATION PROJECT NO. 1

YANKTON COUNTY, S. DAK.

SCALE: 1" = 300'

Map No. 521-3
(Appl. No. 422-3)

Remarks by State Water Resources Commission:

Because of aquifer ~~existing~~ conditions, effects upon domestic water supplies may require restriction of periods of irrigation water withdrawal. In granting this Permit, the Commission believes that the degree of restriction will not reduce seriously the irrigation benefits to the applicant.

STATE OF SOUTH DAKOTA
County of Hughes ss.

Pierre, South Dakota,

February 28, 1957

This is to certify that the foregoing application was received by the Commission at

5 o'clock

4 m. upon the 28 day of February, 1957

State Water Resources Commission

By:

J. O. Brinner

Chief Engineer, Executive Officer

Number of permit 422-3

Date of first receipt of application February 28, 1957

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

Date of receipt of corrected application _____, 19____

Date from which applicant may claim right February 28, 1957

Approved May 15, 1957, Recorded in Book 4 Page 108

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

November 15, 1958

2nd. The whole of said work is to be completed on or before May 15, 1960

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

May 15, 1962

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

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 7.26 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 May 15, 1962; said water to be used during the following described annual period:

April to November inclusive

Witness my hand this 20 day of June, 1957

State Water Resources Commission

By:

J. O. Brinner

Chief Engineer, Executive Officer

Certificate of Construction Issued October 2, 1957

Water License Issued October 2, 1957

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 32 inch, Depth 83 feetType of casing Steel
(wood, concrete, steel, etc.)Size of casing 18 inch, Thickness of casing 14 ga. galvanizedLength of casing 53 feet If collection gallery, length, size and depth of gallery

(b) Screens

Type of perforated screen punched steel 3/8" x 1 1/4"Size of perforated screen 18 inch (diameter), 30 feet (length)Thickness of gravel pack 6 inch, length of gravel pack 83 feet

(c) Water Bearing Materials

Distance to water 14 feet Character of water bearing materials fine sand graduating to coarse gravelThickness of water bearing material 37 feet

(d) Pump and Motor

Type of pump Turbine
(centrifugal, propeller, mixed flow, etc.)Name of pump Western Land Roller, size 6"Kind of motor Tractor
(gasoline, electric, diesel, etc.)Horsepower 57, Name of Motor John Deere

(e) Complete well

Capacity 1200 at drawdown of 34 Estimated cost \$1040.00(f) Owner of land upon which well is located Richard Thorson
NameYankton, So. Dak.
Address

(g) Distance to nearest existing wells

On same owner's property 40 rods. On property owned by others 80 rods

Permit No. 422-3

James

Water Division No. 3 River Water District

Certificate of Completion of Works

TO ALL WHOM IT MAY CONCERN

This is to Certify, That Ed. Thompson

of Mission Hill, County of Yankton, and State of South Dakota the holder of Permit No. 422-3, issued upon Application No. 422-3, bearing date of priority February 23, 1957, authorizing the diversion of 2.26 cu. ft. per second of the waters of ground water County of Yankton, State of South Dakota, at 1210 feet, S. 40° 21' E. of the NW Cor., Sec. 5, T 93 N, R 54 W, for irrigation

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 2.26 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: W $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 5, T 93 N, R 54 W = 71.3 acres

SE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 5, T 93 N, R 54 W = 40.0 acres

NW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 5, T 93 N, R 54 W = 6.3 acres

W $\frac{1}{2}$ SE $\frac{1}{4}$ and E $\frac{1}{2}$ SW $\frac{1}{4}$

Sec. 5, T 93 N, R 54 W = 40.9 acres

NE $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 5, T 93 N, R 54 W = 40.0 acres

TOTAL 198.5 acres

Witness my hand this 2 day of October A. D. 1957

State Water Resources Commission

By:

J. W. CHILDES, Chief Engineer, Executive Officer

STATE OF SOUTH DAKOTA

WATER LICENSE No. 422-3...

WHEREAS, On the 23 day of February A. D. 1957

Richard Thompson

of Mission Hill County of Yankton and State of

South Dakota duly made application (No. 422-3) to us for a permit to use 2.26

cubic feet per second of the waters of ground water

County of Yankton, State of South Dakota, for Irrigation purposes; and

WHEREAS, On the 20 day of June A. D. 1957

Permit No. 422-3 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 15 day of

May A. D. 1960 and for the application to beneficial use of said water on or before the 15 day of May A. D. 1962 and,

WHEREAS, On the 1 day of August A. D. 1957

the holder of said permit duly made proof of the completion of adequate works for the diversion of 2.26

cubic feet per second of said waters, as evidenced by our Certificate No. 422-3

dated October 2, 1957 confirming the completion of works of sufficient capacity for

diverting and conveying to the place of intended use 2.26 cubic feet per second of water, with date of

priority of February 28, 1957 and, and,

WHEREAS, On the 1 day of August A. D. 1957

proof was duly made of the application to beneficial use of 2.26 cubic feet per second of said water;

on 198.5 acres located in the W1/4 NW1/4; SE1/4 NW1/4; NW1/4 SW1/4; E1/4 SW1/4;

W1/4 SE1/4; and NE1/4 SE1/4; all in Sec. 5, T 91 N, R 54 W

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 Richard Thorson
of Elsion Hill the holder and owner of said permit No. 422-3
a water right, dating from February 29, 1957 to the use of 2.26
cubic feet per second of the waters of ground water
in the County of Yankton and State of South Dakota, or so much thereof as may be
necessary for the purposes hereinbelow mentioned, to be diverted at 1710 feet, S. 49° 21' E. of
the NW Cor., Sec. 5, T 93 N, R 54 W.
and WA NW 1/4; SW NW 1/4; NW SW 1/4; E 1/4 SW 1/4; W 1/4 SE 1/4;
and NE 1/4 SE 1/4; all in Sec. 5, T 93 N, R 54 W.

for the purpose of irrigation

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 2 day of October A. D. Nineteen
Hundred and fifty-seven

State Water Resources Commission

By:

J. W. ORINES, Chief Engineer, Executive Officer

STATE OF SOUTH DAKOTA

Water License No. _____

To _____

Source of Supply _____

County _____

Acreage _____ c. f. s. _____

Point of Diversion _____

Place of Use _____

Purpose _____

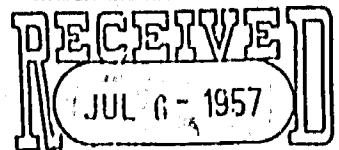
Date of Priority _____

Recorded _____

in Book _____ of _____ Page _____

Permit No. ~~44~~ 422-3

Water Division No. 3 ----- Yonah Valley Water District



STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA

Notice of Application of Water to Beneficial Use

(This blank must be filled out by holder of permit and forwarded to the State Water Resources Commission at least sixty days before the time set for application of water.)

(P. O.)

(Date)

TO THE STATE WATER RESOURCES COMMISSION OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given that on the _____ day of _____
1917, at mission Hill County of Zamboni State of South Dakota,
before _____ proof will be submitted of the application to beneficial use
(Examining Engineer or Officer)

of 2.24 cubic feet per second of the waters of Blackfoot River
regulation Project No. 1 in accordance with the terms and conditions of Permit No. 422-3
 heretofore issued by the Water Resources Commission of South Dakota.

1. The name and postoffice address of the person or corporation holding said permit are

Richard Tharon mission Hill S.P.

2. The use to which said water has been applied is

Iteration

3. The amount applied to beneficial use is

2.36 cubic feet per sec

4. The place where said water is used is (If for Irrigation, give full and accurate description of the lands ir-
rigated) SW $\frac{1}{2}$ NW $\frac{1}{4}$ + SE $\frac{1}{4}$ NW $\frac{1}{4}$ + NW $\frac{1}{4}$ SW $\frac{1}{4}$ + E $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ + SE $\frac{1}{4}$ SE $\frac{1}{4}$

West RR - Sec 8 - Twp 94-57

5. The name of the canal or ditch or other works by which said water is conducted to such place of use is

6. The right to take the water from such works is based upon permit No. 44722-3

7. The source of supply from which such water is diverted is

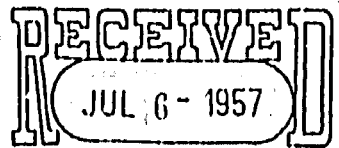
Wash

8. The date of priority which said user is prepared to establish is

March to November

(Sign)

Richard Thorer

Permit No. 422-3Water Division No. 3*Vermillion River*STATE WATER RESOURCES COMM.
PIERRE, SOUTH DAKOTA
Water District

NOTICE OF COMPLETION OF WORKS

This blank must be filled out by the holder of permit and forwarded to the Executive Officer at least 60 days before the time set for completion of works

(P. O.) Mission Hill S. D.(Date) July 5

TO THE STATE WATER RESOURCES COMMISSION
OF SOUTH DAKOTA, PIERRE:

DEAR SIR: Notice is hereby given of the completion of the works for the diversion of

2-26 cu. ft. per second of the waters of the state from
through the Richard Larson Irrigation Project no 1
for Irrigation purposes

In accordance with the terms and conditions of a certain permit heretofore issued by the Water Resources Commission of the State of South Dakota,

1. The name of the person or corporation holding said permit is Richard Larson
2. The postoffice address of such person or the place of business of such corporation is Mission Hill
County of Yankton State of S. D.
3. The number of such permit is 422-3 and the date set for the completion of such work is June 20
4. Said water to be used for Irrigation purposes.
5. Said works of diversion will be fully completed on the date set for such completion, and the amount of water which said works are capable of conducting to the place of intended use, in accordance with the plans accompanying the application for such permit, is 2-26 cubic feet per second.
6. The amount of land for which said water is available is 158.85 acres,
particularly described as follows: N 1/2 NW 1/4 T56 N NW 1/4 + E 1/2 NW 1/4 + NW 1/4 S 1/4
N 1/4 S 1/4 sec 8 T56 N NW 1/4

I hereby certify that the facts set forth in the above notice are true.

(Signature of Owners)

Richard Larson

Permit No. 422-3Water Division No. 3

James

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 _____ on August 1, 1957
 I, _____, I have this day made a thorough examination of the diversion works constructed by _____
Richard Thorson, of Missoula, Ill.
Yankton County, South Dakota, holder of Permit No. 422-3, issued upon Application No. 422-3, bearing date of priority of February 28, 1957, authorizing the diversion of 2.26 cu. ft. per second of the waters of ground water for irrigation purposes. I have to report on the condition of the same as follows:

The diversion works comprise: John Deere 20 Tractor; Western Land Roller Pump, Serial #75769. Head No's 8B and 2-12C-H; 2310 feet of 2 inch gated pipe; 990 feet of 6 inch gated pipe; 1300 feet of 2 inch canvas lead pipe; and a pressure gauge on the pipe. The pipe is used interchangeably between 422-3 and 447-3

and the system is in the following condition: excellent

The point of diversion is located 1710 feet S. 49° 21' E. of the NW Cor. Sec. 5, T 93 N, R 54 W.

The works are capable of diverting and conveying to the place of use 2.26 cu. ft. per second of water, which is to be used for irrigation

The legal sub-divisions to be irrigated are: W 1/2 NW 1/4; SE 1/4 NW 1/4; NW 1/4 SW 1/4; E 1/2 SW 1/4; W 1/2 SE 1/4; NE 1/4 SE 1/4; all north of the railroad in Sec. 5, T 93 N, R 54 W.

comprising a total of 198.5 acres of land.

The domestic use intended comprises _____

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

Witness my hand, this 27 day of August, A. D. 1957.

—SEAL—

James J. Warner
Examining Engineer.

WETMORE DRILLING

Mike Wetmore
Geologist

Office: 1-800-399-7713
(805) 356-3757

P. O. Box 880
Elk Point, SD 57025

Cellular: (712) 251-7599

Shop: (805) 356-2248
I-29 Exit 15
Elk Point, SD 57025

Water Rights Division
Joe Foss Building
523 East Capitol
Pierre, SD 57501-9935

Re: Richard Thorson completion report

Gentlemen:

Per your telephone request, we have searched our files for well completion information for the above named well owner. Unfortunately, we have been unable to discover any completion information in our records.

We realize the value of complete and accurate well information. In that regard, if your office should uncover any information regarding this well, we would appreciate a copy of that information so that we can update our own files.

If you have any questions, please feel free to give us a call. Thank you.

Sincerely,

WETMORE DRILLING

Mike Wetmore

