

No. 4477-3Water Division No. 3 James 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 MISSION HILL, County YANKTON, State S. DAK.

-If a corporation -

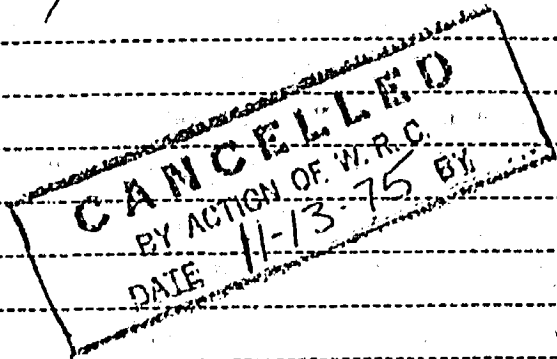
(a) Name of same

(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 or 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. 23. Amount of water claimed 228 cubic feet per second4. Source of water supply well5. Location of point of diversion S 82° 34' W 1460 feet E. part corner section 5  
T934-R54W on bank YANKTON County.6. Annual period or periods during which water is to be used March 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 110 acres.(b) Legal subdivisions to be irrigated NE 1/4 sec. 5 T934-R54W

(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.) NONE

## 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. 341-3

## 8. Estimated cost of work:

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

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

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

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

Rock, \$-----

(e) Other structures

17 1/2 ft. Pipe \$11,563.00

Total, \$49,513.00

## 9. Description of diversion works:

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

2nd 17 1/2 ft. pipe

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<br>OUTLET-Feet | SURFACE AREA AT EACH<br>DEPTH AT OUTLET--ACRES | FEET | ACRE-Feet<br>CAPACITY |
|-------------------------|------------------------------------------------|------|-----------------------|
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |
|                         |                                                |      |                       |

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

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

| LOCATION BELOW<br>HEADGATE | DEPTH      | BOTTOM<br>WIDTH | WIDTH AT<br>WATER-LINE | GRADE<br>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 ----- 3 ----- 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 ----- Little Rock

STATE OF SOUTH DAKOTA

County of ----- } st.

I, Richard Thomson, 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

Richard Thomson

Subscribed and sworn to before me this

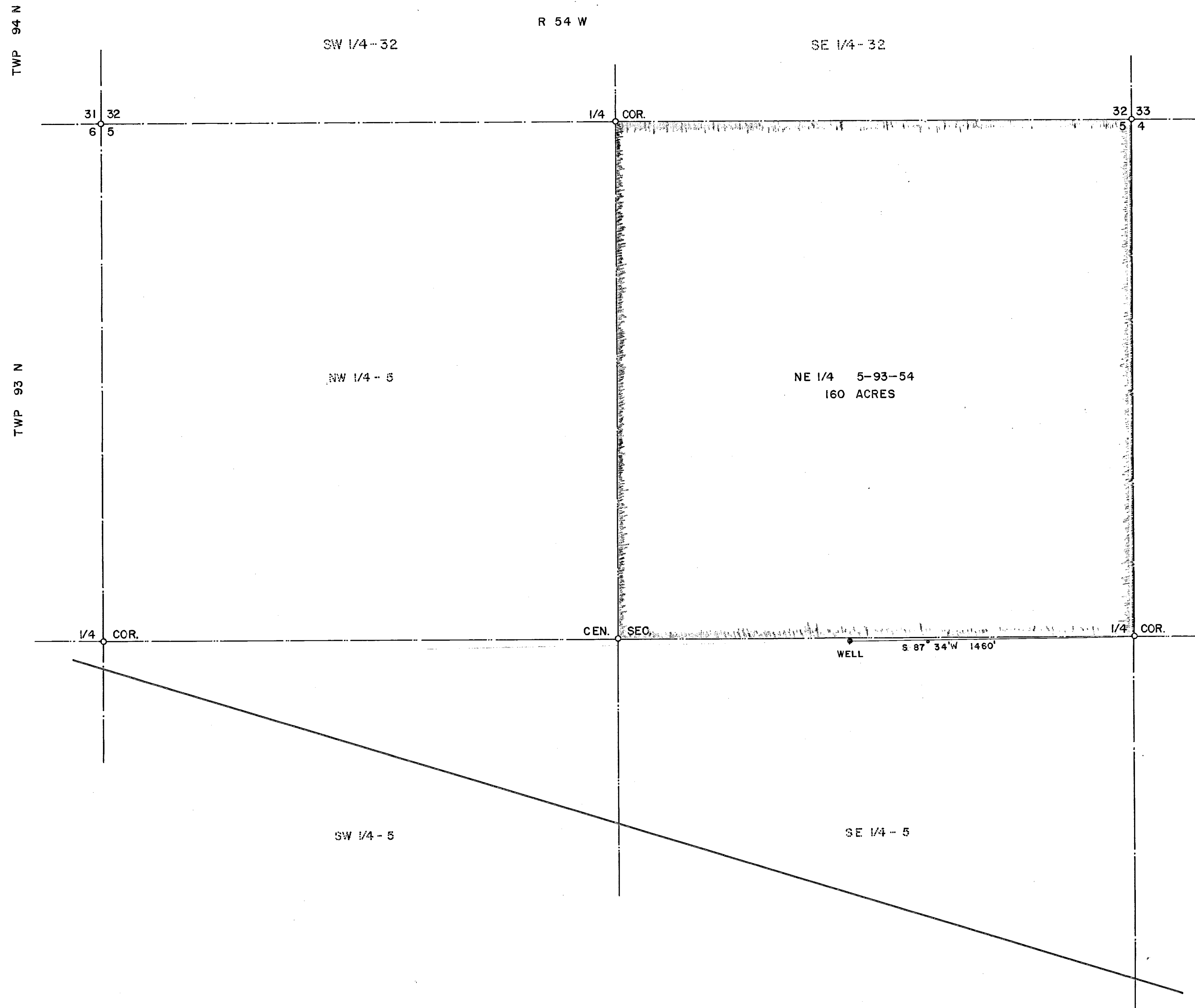
4

day of

April

1957

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. 2 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 26 DAY OF MARCH, 1957.

*Marvin R. Heck*  
REGISTERED LAND SURVEYOR

STATE OF SOUTH DAKOTA )  
COUNTY OF DAVISON ) SS

ON THIS 26 DAY OF MARCH, 1957, BEFORE ME, THE UNDERSIGNED 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. 2

YANKTON COUNTY, S. DAK.

SCALE: 1"=300'

Map No. 341-3  
(App L No. 447-3)

Remarks by State Water Resources Commission:

STATE OF SOUTH DAKOTA  
County of Flagler } 53.

Pierre, South Dakota, April 12, 1957

This is to certify that the foregoing application was received by the Commission at 8:45 o'clock  
9 a.m. upon the 6 day of April, 1957

State Water Resources Commission

By: J. O. Brinner  
Chief Engineer, Executive Officer

Number of permit 447-3

Date of first receipt of application April 6, 1957

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 April 6, 1957

Approved May 15, 1957, Recorded in Book 4 Page 104

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 228 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:

March 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

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

9. (Continued)

III. Well Specifications

(a) Hole and casing

Size of drill hole or excavation 42 inch, Depth 86 feet

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

Size of casing 18 inch, Thickness of casing 12 ga

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

(b) Screens

Type of perforated screen punched steel

Size of perforated screen 8 inch, 30 feet  
(diameter) (length)

Thickness of gravel pack 12 inch, length of gravel pack 86 feet

(c) Water Bearing Materials

Distance to water Character of water bearing materials

Thickness of water bearing material

(d) Pump and Motor

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

Name of pump Western Land P. M., size 8 inch

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

Horsepower 54, Name of Motor John Deere 70

Complete well

Capacity 12000 gal drawdown of 24, Estimated cost 900.00

(f) Owner of land upon which well is located Richard T. Johnson  
Name

Mission Hill, S. D. A. H.  
Address

(g) Distance to nearest existing wells

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

## STATE OF SOUTH DAKOTA

## WATER LICENSE

447-3...

WHEREAS, On the 5 day of April A. D. 1957Richard Thorson

of Mission Hill County of Yankton and State of South Dakota duly made application (No. 447-3) to us for a permit to use 2.28 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. 447-3 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 2.28 cubic feet per second of said waters, as evidenced by our Certificate No. 447-3 dated October 2, 1957 confirming the completion of works of sufficient capacity for diverting and conveying to the place of intended use 2.28 cubic feet per second of water, with date of priority of April 6, 1957 and,

WHEREAS, On the 1 day of August A. D. 1957 proof was duly made of the application to beneficial use of 2.28 cubic feet per second of said water; on 160 acres located in the NE 1/4, Sec. 3, T. 93 N., R. 54 W.

**CANCELLED**  
BY ACTION OF W. R. C.  
DATE 11-1-58

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 Mission Hill, South Dakota the holder and owner of said permit No. 447-3  
a water right, dating from April 6, 1957 to the use of 2.28  
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 1460 feet, S. 82°34'W. of  
the N.E. Cor., Sec. 5, T 23 N, R 54 W.

and conducted to and upon NE 1/4, Sec. 5, T 23 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. 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. 447-3Water Division No. 3 Jamez River Water District

## Certificate of Completion of Works

TO ALL WHOM IT MAY COME

This is to Certify, That Edward Thorsonof Mission Hill, County of Yankton, and State ofSouth Dakota, the holder of Permit No. 447-3, Issued upon ApplicationNo. 447-3, bearing date of priority of April 6, 1957, authorizing the diversion of2.28 cu. ft. per second of the waters of ground waterCounty of Yankton, State of South Dakota, at 1460 feet,S. 87°34'W. of the E. 1/4 Cor., Sec. 5, T 93 N. R 54 W.

for

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 or 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:

NE 1/4, Sec. 5, T 93 N, R 54 W - 160 acres.Witness my hand this 2 day of October A. D. 1957

State Water Resources Commission

By:

J. W. CRINES, Chief Engineer, Executive Officer

RECEIVED  
JUL 6 1957

STATE WATER RESOURCES COM. PIERRE, SOUTH DAKOTA

Permit No. 447-3

Water Divis on No. 3

James River 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.)

Mrs. Hill

(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

2.28

cu. ft. per second of the waters of the state from 2244

through the

Butey-Townson Irrigation Project No. 2

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 Townson

2. The postoffice address of such person or the place of business of such corporation is

Missouri St.

County of

Yonkers

State of

So. Dak.

3. The number of such permit is

447-3

and the date set for the completion of such work is

June 30 - 1957

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

2.28

cubic feet per second.

6. The amount of land for which said water is available is

1.50

acres,

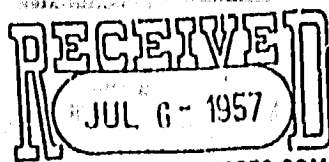
particularly described as follows:

NE 1/4 Sec 35 - T33 - S4

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

(Signature of Owners)

Richard Townson

Permit No. 447-3Water Division No. 3STATE WATER RESOURCES COMM.  
Water District Pierre 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.)

MISSION KILL SD

(Date)

July 5

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

DEAR SIR: Notice is hereby given that on the 5 day of July  
1957, at MISSION KILL County of Yankton State of South Dakota,  
 before \_\_\_\_\_ (Examining Engineer or Officer) proof will be submitted of the application to beneficial use

of 2.28 cubic feet per second of the waters of Richard Thorsen Irrigation  
Project no 2 in accordance with the terms and conditions of Permit No. 447-3  
 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 Thorsen Mission Kill SD

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

Irrigation

3. The amount applied to beneficial use is \_\_\_\_\_

2.28 cubic feet per sec

4. The place where said water is used is (If for irrigation, give full and accurate description of the lands irrigated) \_\_\_\_\_

N.E. 1/4 Sec 15-P.3-S.4

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. 447-3

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

Well

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

March to November

(Sign)

Richard Thorsen

Permit No. 447-3

James

River

Water Division No. 3

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 August 1, 1957

1957, I have this day made a thorough examination of the diversion works constructed by

Richard Thorson, of Mission Hill

Yankton County, South Dakota, holder of Permit No. 447-3, issued

upon Application No. 447-3, bearing date of priority of April 6, 1957, authorizing the

diversion of 2.28 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 60 Tractor; Western Land Sollar Pump, Serial #75768, Head No's 82 and 2-120-H; 2310 feet of 3 inch rated pipe; 900 feet of 6 inch rated pipe; 1300 feet of 2 inch rated pipe; 1300 feet of 2 inch canvas lead pipe; and a pressure gauge on the pump. 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 1460 feet, S. 87° 34' W. of the Cor.

Sec. 5, T. 23 N., R. 54 W.

The works are capable of diverting and conveying to the place of use 2.28 cu. ft. per second of water, which is to be used for irrigation

The legal sub-divisions to be irrigated are: NE 1/4, Sec. 5, T. 23 N., R. 54 W.

comprising a total of 160 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—

Les Wyborny, Water Rights Examining Engineer.

June 6, 1975

James T. Goetz  
Box 708  
Yankton, South Dakota 57078

Dear Jim:

Reference is made to your phone call regarding two Waters Rights held in the name of Richard Thorson.

Water License No. 422-3 was issued to Mr. Thorson on October 2, 1957, for 2.26 c.f.s. for irrigating 189.5 acres in the NW $\frac{1}{4}$ , SE $\frac{1}{4}$ , NW $\frac{1}{4}$ , portions of the NE $\frac{1}{4}$  SW $\frac{1}{4}$  and NW $\frac{1}{4}$  SE $\frac{1}{4}$ , and the NE $\frac{1}{4}$  SE $\frac{1}{4}$  of Section 5, T93N, R54W. The well for this project is located just north of the center of the NW $\frac{1}{4}$ , Section 5.

Water License No. 447-3 was issued to Mr. Thorson on October 2, 1957 for 2.28 c.f.s. for irrigating 160 acres in the NE $\frac{1}{4}$ , Section 5, T93N, R54W. The well is located just south of the 1/2 Section line near the NE Corner of the NW $\frac{1}{4}$  SW $\frac{1}{4}$ , Section 5.

Both of these water rights are current and valid water rights.

If the land is transferred, we would request that you submit the enclosed transfer notices so we can keep our records current.

Sincerely,

BURTON F. JONES  
Water Rights Specialist

BFJ/bw  
Encl: Form 20 (2)

*Has been notified  
that W/R was cancelled  
11-17-75  
BW*