

Water Right Number 2960-3

1. Considered 9-29, 19 76
2. Name of Applicant ERWIN E. SCHMIDT. SCHMIDT
3. Post Office Address PARKER
4. Amount of water claimed 1.7
5. Source of water supply 32' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 120
7. Water to be diverted and used in TURNER County
about 5N Miles 13 1/2 of PARKER
8. Proof of Publication
Received 13 1/2
Not received _____
9. Application
Approved _____
Subject to _____
Not approved _____
Action deferred _____

10. Remarks:

No. 2960-3Map No. 2291-3 Water 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 Ervin E. Schimkat
 Postoffice address Parker, State S. Dak. 57053
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) contract
3. Name of diversion work Schimkat System #1
4. Amount of water claimed (cubic feet per second) 1.7
5. Source of water supply Well
6. Location of point of diversion Approx. 120 rds. W. of the SE corner of the N¹SE¹ 20-100-53

 _____ County Turner
7. Annual period or periods during which water is to be used April - Nov.
8. Use to be made of water. (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation
9. For irrigation use, Total number of acres to be irrigated 83 120

List below each forty acre subdivision, or lot, or fraction thereof and show number of acres to be irrigated in each

Land Description	No. Acres Irr.	Land Description	No. Acres Irr.
Approx. 80 ac. in the area		Approx. 40 ac. W. of Verm. River	
E. of Verm. River S ¹ / ₂ NE ¹ / ₄ &		in W ¹ / ₂ S ¹ / ₂ NE ¹ / ₄ 20-100-53	40
N ¹ / ₂ SE ¹ / ₄ 20-100-53	80		
and		Total	120 ac. more or less.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 1 years. Additional time required to complete application of water to the proposed beneficial use 1 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication New Era, Parker, S. Dak. 57053
12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.

Diesel Engine

B. Works proposed to transport water to place of use.

Alum. Pipeline

C. Works proposed to apply water to beneficial use.

Field Hopper Sprinkler System.Estimated Total Cost \$ 25,000.00

Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
 (See instructions concerning preparation.)

STATE OF SOUTH DAKOTA)

County of Turner) ss.I, Ervin E. Schimkat the applicant, certify that I have read the foregoing application and have examined the attached map and that the matters therein stated are true and that I intend, and am able to complete the necessary constructionSigned Ervin E. SchimkatSubscribed and sworn to before me this 26th day of August 1976Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2960-3
ERVIN E. SCHIMKAT PARKER
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57053 With the following modifications:
 (State)

The irrigation well approved under this Permit is located near domestic wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in existing domestic wells.

Date of first receipt of application AUGUST 30 19 76
 Date of return to applicant for correction, amendments or changes required — 19 —
 Date of receipt of corrected application SEPTEMBER 9 19 76
 Approved SEPTEMBER 30 19 76, Recorded in Book 16 Page 74
 WATER RIGHT PERMIT NO. 2960-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2960-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as modified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is AUGUST 30 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MARCH 30 19 77
3. The whole or said work is to be completed on or before SEPTEMBER 30 19 77
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is SEPTEMBER 30 19 78
5. The water appropriated shall be used for the purpose of IRRIGATION
6. 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.
7. The amount of the appropriation herein granted shall not exceed 1.7 cubic feet per second; neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and 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 SEPTEMBER 30 19 78; said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 29th day of NOVEMBER 19 76

WATER RIGHTS COMMISSION

By: John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued — 19 —
 Water License Issued — 19 —

10

12 Principal Features of the Proposed Water Supply System (continued.)

D Well Information or Estimates

(1) Drill Hole, Diameter 18", Depth 32'

(2) Casing, Type Black Steel Diameter 1 1/2" Thickness 1/4"
(wood, concrete, steel, etc.)

(3) Perforated Screen

Type Johnson S. Steel, Diameter 1 1/2", Length 15'

(4) Gravel Pack, Thickness 2", Length of gravel pack 25'

E Dugout Information or Estimates

(1) Surface dimensions -, Depth -

F Fill out for Either a Well or a Dugout.

(1) Water Bearing Materials (Please attach a copy to test well log if available.)

Character of Water bearing materials Two feet of black soil over water bearing
sands and gravel. Water at approx. 14' See attached
log.

Depth to top of water bearing material 14'

Depth to bottom of water bearing material 30'

Thickness of water bearing material 16'

Depth to water (ground surface to water level) 14'

(2) Distance to nearest existing household or livestock watering well.

On same owner's property 100 rds. On property owned by others 130 rds.

G. Water Storage Dams.

If the proposed water use system contains one or more water storage dams, please show in the space below, the height, maximum water depth, surface area and storage capacity of each storage dam. The location of each water storage dam should be shown on the water right map.

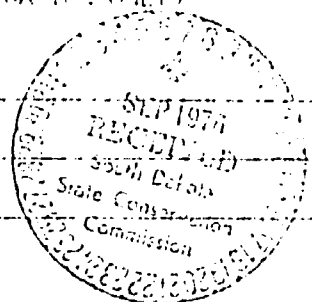
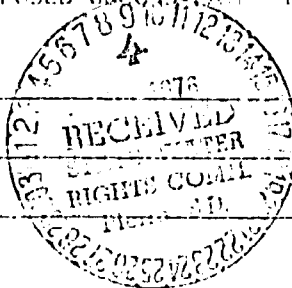
n/a

Ernie Schmitz
Signature of Applicant

CONSERVATION
COMMISSION
FORM W1 #1

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SDCL 46-6-3 AS AMENDED
(THIS FORM REQUIRED FOR PROPOSED GROUND WATER IRRIGATION ONLY)

NAME Ervin E. Schinkel
ADDRESS Parker, S. Dak. 57053
COUNTY Turner



LEGAL DESCRIPTION

1. WELL LOCATION: Approx. 120 rds. W. of SE corner of N¹SE¹ 20-100-53
2. LOCATION OF AREA TO BE IRRIGATED 10 ac. more or less in N¹SE¹ & S¹NE¹ 20-100-53

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT x GUN _____
4. CROPS TO BE IRRIGATED Corn and Alfalfa

WATER QUALITY

5. SAMPLE NUMBER _____
6. SALINITY (EC X 10⁶) _____
7. SODIUM (SAR) _____
8. RESIDUAL SODIUM CARBOXYLATE (mxq/l.) _____

I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and:
the soils information has been acquired from Turner Co. Conservation District,
County Extension office or Soil Conservation Service.
and:
that the legal description for the location of the well and land to be irrigated is true
and correct.

Ervin E. Schinkel
APPLICANT'S SIGNATURE

SUBSCRIBED AND SWORN BEFORE ME THIS
22nd DAY OF August 19 76.

[Signature]
(TITLE OR SEAL)

Alfred L. Griffiths
APPROVED BY _____

(SOILS INFORMATION ON REVERSE SIDE)

REPORT OF ANALYSIS
 Water Quality Laboratory
 Water Resources Research Institute
 South Dakota State University
 Brookings, South Dakota 57006

Submitted by: Shirley Litten Date Rec'd: Nov. 31, 1970
 Address: Brookings, SD 57053 Sample No.: 76-1228
 Identification: Water
SDA, Dec. 20, 1970, 11:15

WATER ANALYSIS

Calcium (Ca)	35	ppm*	16.1	me/l**
Magnesium (Mg)	111	ppm	9.1	me/l
Sodium (Na)	26	ppm	3.7	me/l
Potassium (K)	11	ppm	0.5	me/l
Sulfate (SO ₄)	1260	ppm	26.1	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	6	ppm	0.03	me/l
Bicarbonate (HCO ₃)	529	ppm	8.0	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g-p.g.***
Alkalinity (Methyl Orange)	434	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	2477	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.01			
Sodium	12.4	% of cations		
Residual sodium carbonate	6.0	me/l		
pH	6.71			
Others:				

*ppm=parts per million
 **me/l=millequivalents per liter
 ***g-p.g.=grains per gallon

COMMENTS: Total cations 29.99 me/l
 Total anions 34.92 me/l



By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	3.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1228

Amount Enclosed \$

Signed

Publish first publication, on or before September 10, 1976NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

September 10, 1976

Notice is hereby given that Ervin E. Schimkat
whose post office address is Parker, South Dakota, has made an application in accordance
with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use
1.7 cubic feet of water per second of time from the ~~g~~ ground water through the
Schimkat #1, the point of diversion of which is to be located in the _____

NW 1/4 SE 1/4
of Section 20, Twp. 100N, Range 53W. Said water to be used for the purpose
of providing irrigation on the ^{portions of} following described land:

N 1/4 SE 1/4, S 1/4 NE 1/4, Section 20, T100N, R53W

This application No. 2960-3 will be considered by the Water Rights Commission at their office at
Pierre upon the 29th day of September, 1976, at 10:00 A.M. All interested
persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights SpecialistBFJ/bw
cc:

Ervin E. Schimkat, Parker, S.D. 57052

Affidavit of Publication

STATE OF SOUTH DAKOTA)
) ss.
COUNTY OF TURNER)

.....EARL J. BORMANN.....

of said County and State, being duly sworn, on his oath says:

THE NEW ERA is a weekly newspaper of general circulation, printed and published in Parker, in Turner County and State of South Dakota by Earl J. Bormann, and has been such a newspaper during the times hereinafter mentioned; that the said newspaper is a legal newspaper, that is has a bonafide circulation of more than 200 copies weekly, that it has been published within said county of Turner in the English language for more than fifty-two successive weeks next prior to the publication of the notice hereinafter mentioned, and has been printed during said period and at the present time, in whole or in part in an office maintained at the said place of publication; and that I, the undersigned, am

owner

of said newspaper, in charge of the advertising department thereof, and have personal knowledge of all facts stated in this affidavit; that the advertisement headed NOTICE--INTENT TO APPROPRIATE WATER

re: ERVIN E. SCHINKAT, Parker, S. D. 57053 a printed copy of which is hereto attached, was printed and published in the said newspaper for two weeks; that said notice was published in the issues of said newspaper on the dates as follows, to-wit:

The first publication being made on Thursday, Sept. 16th 1976;
the second publication on Thursday, September 23rd 1976;
the third publication on 19.....;
the fourth publication on 19.....;
the fifth publication on 19.....;
the sixth publication on 19.....;
and the last publication on 19.....;

that \$.....12.67....., the full amount of the fee charged for publication of the annexed notice, insures solely to the benefit of the publishers of the said newspaper; that no arrangements or understanding for a division thereof has been made with any person, and that no part thereof has been agreed to be paid to any person whomsoever.

39-11-8 pt., 17.3c loss 80%

Subscribed and sworn to before me this 23rd
day of September, 1976

Notary Public, Turner County, South Dakota.
Earl J. Bormann



No. 2960-3

NOTICE OF INTENT
TO APPROPRIATE WATER
Pierre, South Dakota 57501
September 10, 1976

Notice is hereby given that Ervin E. Schinkat, whose post office address is Parker, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to appropriate for beneficial use 1.7 cubic feet of water per second of time from ground water through the Schinkat No. 1, the point of diversion of which is to be located in the NW 1/4, SE 1/4 of Section 20, Twp. 100N, Range 53W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

N 1/4 SE 1/4, S 1/4 NE 1/4, Section 20, T100N, R 53W.
This application No. 2960-3 will be considered by the Water Rights Commission at their office at Pierre upon the 29th day of September, 1976, at 10:00 A.M. All interested persons may appear and be heard.

WATER RIGHTS
COMMISSION

By: Burton F. Jones
Water Rights Specialist

BEJ/bw
cc:

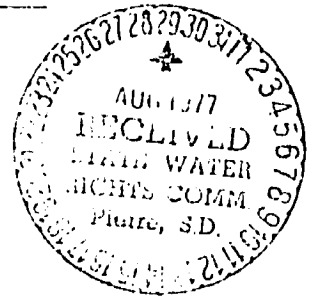
Ervin E. Schinkat, Parker, S. D. 57053,
(26-26--Sept. 16 & 23, 1976)

Publication Fees \$ 12.67

Received Payment,

Form 10.

No. 2960-3



NOTICE OF COMPLETION OF WORKS AND/OR
APPLICATION OF WATER TO BENEFICIAL USE

Post Office Parker SD 57053

Date 8-26-1977

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. _____.

Water Right Permit No. 2960-3 states that the diversion system is to be constructed by Aug 26, 19 77 and that the water is to be put to beneficial use by 1 yr, 19 ____.

The diversion system was completed on Aug 17, 19 76.
Applying the water to beneficial use was completed on _____,
19 77.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

E. L. 9. 1977
(Signature)

 **Department of
Water & Natural Resources**

Joe Foss Building Water Rights Division
Pierre, South Dakota 57501

(605) 773-3352

May 20, 1982

Ervin Schimkat
Rural Route #1, Box 94
Parker, South Dakota 57053

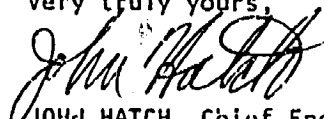
Dear Mr. Schimkat:

Enclosed herewith are, Water License No. 3643-3 and Certificate of Construction.

Water License No. 3643-3 is the final water right document completing your process of obtaining a water right.

As long as you use the water beneficially, as stated in the Water License, the State Water Laws provide that you have a continuing right to use the water.

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division

JH:MS

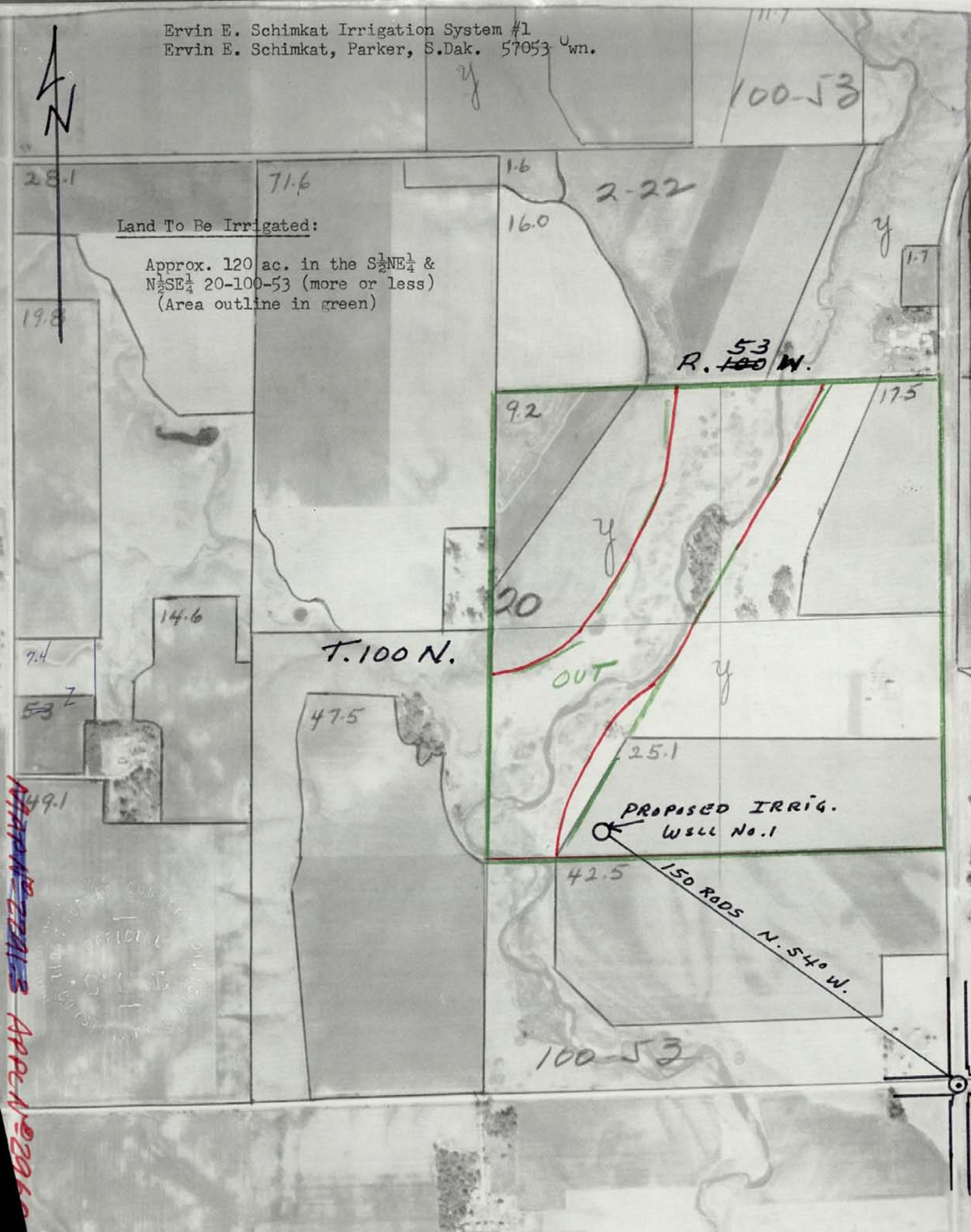
enclosures

- * The applicable portions of Permit No. 2960-3 have been incorporated into this Water License

Ervin E. Schimkat Irrigation System #1
Ervin E. Schimkat, Parker, S.Dak. 57053 Uwn.

Land To Be Irrigated:

Approx. 120 ac. in the $S\frac{1}{2}NE\frac{1}{4}$ &
 $N\frac{1}{2}SE\frac{1}{4}$ 20-100-53 (more or less)
(Area outline in green)



MAP 100-53 APP. N. 2960