

Water Right Number 3378-3

1. Considered 2-23, 1977

2. Name of Applicant JOHN HOEFER

3. Post Office Address FRANKFORT

4. Amount of Water claimed 2.2

5. Source of Water supply 92' WELL

6. Water to be used for IRRIGATION

Acres to be irrigated 160

7. Water to be diverted and used in SPINK County

about 2E, 10 S miles of FRANKFORT

8. Proof of Publication

Received 2-18-77

Not Received _____

9. Application

Approved _____

Subject to _____

Not Approved _____

Action Deferred _____

10. Remarks:

Form 2 - Application for Permit to Appropriative Water (Original (Includes Approval and Permit))

No. 337B-3
Map No. 2662-3 Water Division No. 3 JAMES RIVER District _____
(Blanks to be Filled by the Engineer for the W. R. C.)



APPLICATION FOR PERMIT

To Appropriative Water within the State of South Dakota

(NOTE--Draw a line through items not applicable)

1. Name of Applicant John J. Hofer
Post-office address Frankfort, State S.D.
If a corporation show date and place of incorporation _____

2. Method of accomplishing work (contract, employment of others, or by direct labor) direct

3. Name of diversion work well

4. Amount of water claimed (cubic feet per second) 2.2 CFS

5. Source of water supply aquifer

6. Location of point of diversion center of SW 1/4 of S 6 R 61 W T 114 N

County Spink

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 160A

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.
NE 1/4 of SW 1/4 of S 6 R 61 W T 114 N	40		
NW 1/4 of S 6 R 61 W T 114 N	40		
SE 1/4 of S 6 R 61 W T 114 N	40		
SW 1/4 of S 6 R 61 W T 114 N	40		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 3 years. Additional time required to complete application of water to the proposed beneficial use 5 years.

11. Choice of newspaper for Notice of Intent to Appropriative Water publication Redfield Press

12. Principal Features of the Proposed Water Supply System.

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

well

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

pipe

C. Works proposed to apply water to beneficial use.

center pivot

Estimated Total Cost \$ 50,000

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 Spink

I, John J. Hofer 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 construction

Signed John J. Hofer

Subscribed and sworn to before me this 7 day of November 1976

Lincoln K. ...
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 337B-3

JOHN J. HOFER
(Applicant)

FRANKFORT
(Post Office Address)

SOUTH DAKOTA 57440 With the following modifications:
(State)

The irrigation well approved under this Permit will be located near domestic wells and other irrigation 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 adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application NOVEMBER 23, 19 76
Date of return to applicant for correction, amendments or changes required , 19
Date of receipt of corrected application DECEMBER 28, 19 76
Approved MARCH 23, 19 77, Recorded in Book 1B, Page 88

WATER RIGHT PERMIT NO. 337B-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 337B-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 NOVEMBER 23, 19 76
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before SEPTEMBER 23, 19 78
3. The whole of said work is to be completed on or before MARCH 23, 19 80
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MARCH 23, 19 82
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 2.2 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 MARCH 23, 19 82; said water to be used during the following described annual period: APRIL - NOVEMBER

Witness my hand this 25TH day of APRIL, 19 77

WATER RIGHTS COMMISSION

By:

John Ketch
Chief Engineer, Executive Officer

Certificate of Construction Issued , 19

Water License Issued , 19

Form 2A - Wells, Dugouts or Water Storage Dams (Supplement to form 2)

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 30-32", Depth 92'
(2) Casing, Type fiberglass Diameter 16" Thickness —
(Wood, concrete, steel, etc)
(3) Perforated Screen.
Type fiberglass or stainless steel, Diameter 16', Length —
(4) Gravel Pack, Thickness —, Length of gravel pack —

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 fine sand to coarse
sand interspersed with gravel

Depth to top of water bearing material 27'

Depth to bottom of water bearing material 92'

Thickness of water bearing material 64'

Depth to water (ground surface to water level) 20'

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

On same owner's property 120 ft. On property owned by others 1 mi.

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.

John J. 254
Signature of Applicant

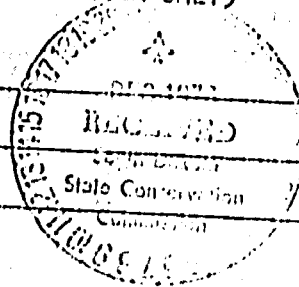
CONSERVATION
COMMISSION
FORM W1-1

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 John J. Hofer

ADDRESS Frankfort

COUNTY Spink



LEGAL DESCRIPTION

1. WELL LOCATION center of S 1/4 of S 6 R 61 W T 114 N
2. LOCATION OF AREA TO BE IRRIGATED S 1/4 of S 6 R 61 W T 114 N

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED alfalfa, corn, small grains

WATER QUALITY

5. SAMPLE NUMBER 76-1924
6. SALINITY (EC X 10⁶) 175.1 (high)
7. SODIUM (SAR) 0.90 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

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 _____ 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.

John J. Hofer
(APPLICANT'S SIGNATURE)

SUBSCRIBED AND SWORN BEFORE ME THIS
22 DAY OF November 19 61.

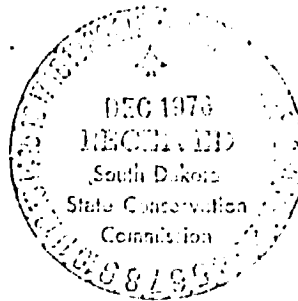
Leah R. Reed
(TITLE OR SEAL)

My Comm. Expires Nov. 13, 1962

Approved
APPROVED/DISAPPROVED

(SOILS INFORMATION ON REVERSE SIDE)

December 17, 1976



Mr. John J. Hofer
Frankfort, SD 57440

Dear Mr. Hofer:

Your water sample (Lab. No. 76-1244) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

I am also enclosing a copy of AES pamphlet #13 for your use. The quality of your water for irrigation use is plotted approximately by means of the red cross in the chart on the outside back cover.

This water is marginal for use on the soils you intend to irrigate and should be considered for use only under the following conditions:

(1) It will be used no more than 3 times (preferably less) in any growing season.

(2) The soil will be completely filled with water so natural leaching can occur, by irrigating in the late fall just before freeze-up, at least one year out of 3.

(3) Water application, will be made each irrigation to completely re-wet the entire depleted soil within the rooting zone of the crop being grown. This may require 3-5 inches of water each irrigation with fine soils.

(4) If a salt problem or soil dispersion occurs, contact extension personnel or this office for management recommendations.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "L. O. Fine".

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission



14 - Beadle - Handuk - Crockers si looms & Poor

9 - Beadle with loom, strong, non-saline vegetation of Poor

D and Dant Poor
Co Agt

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

Submitted by: John J. Roger
Address: Frankfort, SD 57440

Date Rec'd: November 24, 1976
Sample No.: 76-1924
Identification: Well -
S33, Sec. 6, T. 114N, R. 61W

WATER ANALYSIS

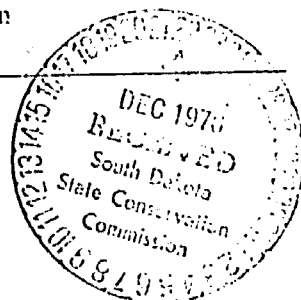
Calcium (Ca)	277	ppm*	13.85	me/l**
Magnesium (Mg)	71	ppm	5.82	me/l
Sodium (Na)	65	ppm	2.83	me/l
Potassium (K)	8	ppm	0.21	me/l
Sulfate (SO ₄)	610	ppm	12.69	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	14	ppm	0.41	me/l
Bicarbonate (HCO ₃)	625	ppm	10.24	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	51.2	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1751	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.90			
Sodium	12.46	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.34			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

***g.p.g.=grains per gallon

COMMENTS: Total cations 22.71 me/l
Total anions 23.34 me/l



By: Shirley Mittan

Service Performed	Amount Due
Irrigation analysis	\$8.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1924

Amount Enclosed \$

Signed

Permit No. 3378-3

Water Diversion No. 3 James River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That John I. Hofer

_____ the holder _____ of
Permit No. 3378-3, issued upon Application No. 3378-3, bearing date of priority of November 23,
1976 authorizing the diversion of 2.2 cu. ft. per second of the waters of _____
groundwater (one well) County of Spink, State of South Dakota ~~to~~ _____
near the center of the SW $\frac{1}{4}$, Section 6 - T114N - R61W
_____, for irrigation

purposes, ha 5 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 1.83 cu. ft. per second of water.

Date January 5, 1979

By:

WATER RIGHTS COMMISSION
John Hatch
JOHN HATCH, Chief Engineer

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 3378-3

(1) WHEREAS, On the 23rd day of November A. D. 19 76
John J. Hofer

made Water Right Application No. 3378-3 for a permit to use 2.2 cubic feet per second of the waters
of groundwater (one well)

County of Spink, State of South Dakota, for irrigation
purposes; and

(2) WHEREAS, On the 23rd day of March A. D. 19 77
Permit No. 3378-3, with a date of priority of November 23, 1976

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 23rd day of March A. D. 19 80 and for the
application to beneficial use of said water on or before the 23rd day of March A. D. 19 82

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 1.98 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 irrigate a 136 acre circle in the SW $\frac{1}{4}$, Section 6 - T114N - R61W

()
(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 John J. Hofer

_____ of Frankfort, SD
the holder _____ and owner _____ of said permit No. 3378-3 a water right, dating from November 23, 1976
_____ to use of 1.88 cubic feet per second of the waters
of groundwater (one well)

in the County of Spink and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted x near the center of the SW $\frac{1}{4}$, Section 6 -
T114N - R61W

and conduct to and upon a 136 acre circle in the SW $\frac{1}{4}$, Section 6 - T114N - R61W

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 3378-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 5th day of January A. D.
Nineteen Hundred and Seventy-nine

WATER RIGHTS COMMISSION

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

Form 6 - Notice of Intent to Appropriate Water

No. 3378-3

Publish first publication, on or before February 10, 1977

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

February 5, 1977

Notice is hereby given that John J. Hofer

whose post office address is Frankfort, 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

2.2 cubic feet of water per second of time from the ground water through the

J. J. Hofer Unit # 1 the point of diversion of which is to be located in the

Center of SW 1/4

of Section 6, Twp. 114N, Range 61W. Said water to be used for the purpose of providing irrigation on the following described land:

SW 1/4, Section 6-7-114N-661W

This application No. 3378-3 will be considered by the Water Rights Commission at their office at Pierre upon the 23 day of February, 1977, at 10:00 A. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw
cc: John J. Hofer, Frankfort, South Dakota 57440

Form 8 - Proof of Publication - Notice of
Intent to Appropriate Water

No. 3378-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Spirit) ss.

I, Robert A. Gunkel hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Redfield Press

A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the
city of Redfield

County of Spirit and State of South Dakota;
that the said notice was published in said newspaper on the following
t.v.o dates:

Feb. 10, 1977

Feb. 17, 1977

Robert A. Gunkel
(Signature)

Chair
(Title)

2/17/77
(Date Signed)

No. 2

No. 3378-3

February 10, 1977

NOTICE
INTENT TO
APPROPRIATE WATER
Pierre, South Dakota 57501
February 3, 1977

Notice is hereby given that
John J. Hofer whose post office
address is: Frankfort, 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 2.2 cubic feet of
water per second of time from
ground water through the J. J.
Hofer Unit No. 1, the point of
diversion of which is to be located
in the Center of SW $\frac{1}{4}$ of Section 6,
T 16 N, R 61 W, said
water to be used for the purpose
of providing irrigation on por-
tions of the following described
land:

SW $\frac{1}{4}$, Section 6 - T 16 N - R 61 W

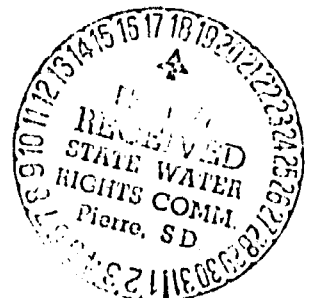
This application No. 3378-3 will
be considered by the Water
Rights Commission at their office
at Pierre upon the 23 day of
February, 1977, at 10:00 A. M. All
interested persons may appear
and be heard.

WATER RIGHTS
COMMISSION

By:
BURTON F. JONES
Water Rights
Specialist

BFJ-hw

cc: John J. Hofer, Frankfort
South Dakota 57440
(February 10, 1977)



No. 3378-3

Department of Natural Resource Development
WATER RIGHTS COMMISSION
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/224-3151

March 8, 1977

John Hofer
Frankfort, South Dakota 57440

Dear Mr. Hofer:

The Water Rights Commission deferred action on your Application
No. 3378-3 at the February 23-24, 1977 meeting.

Sincerely,

JOHN HATCH, Chief Engineer
Water Rights Commission

JH/kb

March 9, 1977

John J. Hofer
Frankfort, S.D. 57440

Dear Mr. Hofer:

In reply to your letter dated March 5, 1977 concerning permit No. 3378-3 which was deferred at the February meeting, we have scheduled the reconsideration of your deferred permit for 9:30 A.M., March 23, 1977. You can meet with the Water Rights Commission at that time. The meeting will be held in the South Dakota Education Association Building, Pierre, S.D.

Please advise this office if you have any questions.

Sincerely,

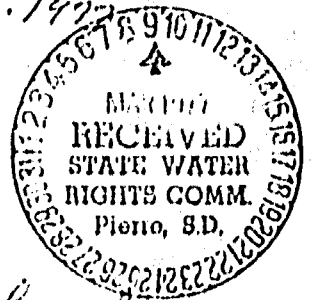
JAMES WINTERTON
Water Rights Specialist

JW/bw

Frankfort S. D.

March 5, 1922

Department of Natural Resource Development
Water Rights Commission



Dear Water right Commissioner

I would like to know why you deferred my

Permit No 33783

I wanted to go out when you had the meeting but it
rained snow here and the road was so bad that it was
just about unable to drive.

I was out this week at Pierre and looked at the map
and saw that you gave permits to some which are close to
over here with dates after mine.

If you would at deferred all that would not hinder
me but when you pick out some that have more the one
and after don't get Permit

As I am starting out my big farming and he already
brought the Irrigation system and also did quit school
now he don't know what to do.

When will you pick up the deferred permit again to
ask on them?

Yours truly
John J. Hofer
Frankfort
S. D.

Permit No. 3378-3Water Division 3 JAMES RIVER Water DistrictREPORT 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 JOHN J. HOPPER of FRANKFURT holder of Permit No. 3378-3, bearing date of priority of NOVEMBER 23, 1976 authorizing the diversion of 2.2 cu. ft. per second of the waters of GROUND WATER for IRRIGATION purposes, in SPINK 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:

92' DEEP WELL WITH 16" FIBREGLAS CASING
WESTERN LAND ROLLER 8" PUMP #5 1/2CH, POWERED
BY 75 HP GE ELECTRIC MOTOR.

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

50' OF 8" ~~PIPE~~ MAIN LINE TO CENTER
PILOT PAD.

C. Works used to apply water to beneficial use.

ZIMMATIC MODEL #307 CENTER PILOT SPRINKLER
SYSTEM WITH END GUN

The system is in the following condition: EXCELLENT

The point of diversion is located NEAR THE CENTER OF THE SW⁴,
SECTION 6, T114N, R61W

The works are capable of diverting and conveying to the place of use 1.88 (850 GPM)
cu. ft. per second of water which is to be used for IRRIGATION

Water has been put to beneficial use to the maximum extent as follows:

FOR IRRIGATING A 136 ACRES CIRCLE IN THE
SW⁴, SECTION 6, T114N, R61W

comprising a total of 136 acres of land.Date OCTOBER 18, 1978

[Signature]
(Signature)
WATER RIGHT SPECIALIST

Form 10.

No. 3378-3



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

Post Office Frankfort

Date June 11, 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. 3378-3

Water Right Permit No. 3378-3 states that the diversion system is to be constructed by _____, 19____ and that the water is to be put to beneficial use by _____, 19____.

The diversion system was completed on June 3, 1977.
Applying the water to beneficial use was completed on June 4, 1977.

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.

John J. Hofer
(Signature)

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 6663

PIERRE, December 29, 1978

RECEIVED OF John J. Hofer, Frankfort, SD

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to appropriate Water No. 3378-3 (examination, processing, recording and filing)		
Fee for inspecting Construction, and issuing Cert. of Construction No. 3378-3)	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. 3378-3)		
Fee for issuing Location Certificate-Dry Draw, No.		
Fee for filing		
Fee for certified copy of		
Fee for Print copy of map		
Fee for Certifying		
Fee for (any other work as provided by law)		
TOTAL	50	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer

JOHN HATCH JR. MKJv

3378-3

WATER RIGHTS DIVISION
(605) 773-3352

October 25, 1984

Gordie J. Hofer
RR#1, Box 74 A
Frankfort, South Dakota 57440

Dear Mr. Hofer:

This letter is in reference to the 1984 Irrigation Questionnaire you returned and your note indicating you were the owner of Water Right No. 3378-3. The water right is listed in the name of John J. Hofer. If you own the land, the water right should be transferred to your name.

Enclosed is a partially completed transfer form. Please check over, date, sign before a notary public and return it to our office with a \$2.50 filing fee. The water right will then be transferred to your name.

South Dakota Water Law 46-5-30.3 requires Notice of any sale, grant, lease, conveyance or other transfer of a Water Permit or Water Right to appropriate water be filed with this office within ninety days.

If you have any questions, please contact us.

Sincerely,

Genny McHath
Natural Resources Analyst

GM:ms
Enc.

NOTICE OF TRANSFER OF WATER PERMIT

Date: Nov. 1 '84

136 acres - SW $\frac{1}{4}$ Section 6, T114N, R61W

Water Right Permit No. 3378-3 as provided for in SDCL 46-5-32 and 46-5-33.

STATE OF SOUTH DAKOTA)
County of SPINK) ss.

Charles J. Taylor
(Signed)

L. H. Enderig
(Notary Public)

RECEIPT

Division of Water Rights
South Dakota Department of Water and Natural Resources

No 4 9824

Pierre, November 15, 1984

RECEIVED OF Gordie J. Hofer, RR#1, Box 74A, Frankfort, SD 57440

the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct works and to put water to beneficial use _____		
Fee for Application for Permit No. _____ to Appropriate Water for Future Use _____		
Fee to retain Future Use Permit No. _____ after period of seven years.		
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. _____		
Fee for Filing Transfer Form _____ WR# 3378-3	2	50
Fee for Filing Extension Request _____		
Fee for Certified Copy of _____		
Fee for Print Copy of Map _____		
Fee for Certifying _____		
Fee for _____		
(Any Other Work Provided by Law)		
Total	2	50

By John Hatch
Chief Engineer JOHN HATCH/ms

SOUTH DAKOTA Department of
Water & Natural Resources

Joe Foss Building
Pierre, South Dakota 57501

Water Rights Division

Phone (605) 773-3352

November 16, 1984

Gordie J Hofer
RR #1, Box 74A
Frankfort SD 57440

Dear Mr. Hofer:

Enclosed is receipt No. 4 9824 in the amount of \$ 2.50 which you
paid for transfer of Water Right No. 3378-3.

Our records now show you as the owner of this Water Right.

Sincerely,

KAREN SCHLAACK
Administrative Aide

enclosure

WNR-821-7/79

Receipt & Notice of filing of Transfer of Water Right

3378-3

 **Department of
Water & Natural Resources**

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

February 17, 1989

Gurdie J. Hofer
RR 1, Box 74A
Frankfort, SD 57440

Dear Mr. Hofer:

On October 6, 1988, the Water Management Board adopted rules to implement a 1988 law for application of chemicals through irrigation systems. The rules establish equipment standards, performance standards and installation requirements for irrigation systems that apply chemicals (fertilizers, insecticides, or herbicides) with irrigation water.

You have indicated on your 1988 Water Management Board Irrigation Questionnaire that you do apply chemicals with irrigation water. A copy of the new rules for chemigation are enclosed for your information.

The new standards include:

- * a check valve between the irrigation pump and the point of chemical injection;
- * a vacuum relief valve on top of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a low-pressure drain on the bottom of the pipeline between the irrigation pump and the irrigation pipeline check valve;
- * a chemical injection line check valve between the chemical injection pump and the point at which the chemical is injected into the irrigation line; a second check valve is required if the chemical injection pump is not a positive displacement pump;
- * an interlock system which ensures that the chemical injection pump will stop whenever the irrigation pump stops;
- * an inspection port between the irrigation pump and the check valve on the irrigation line;

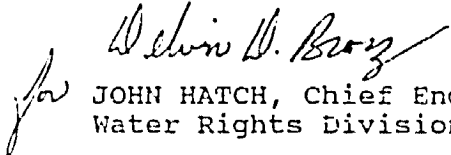


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

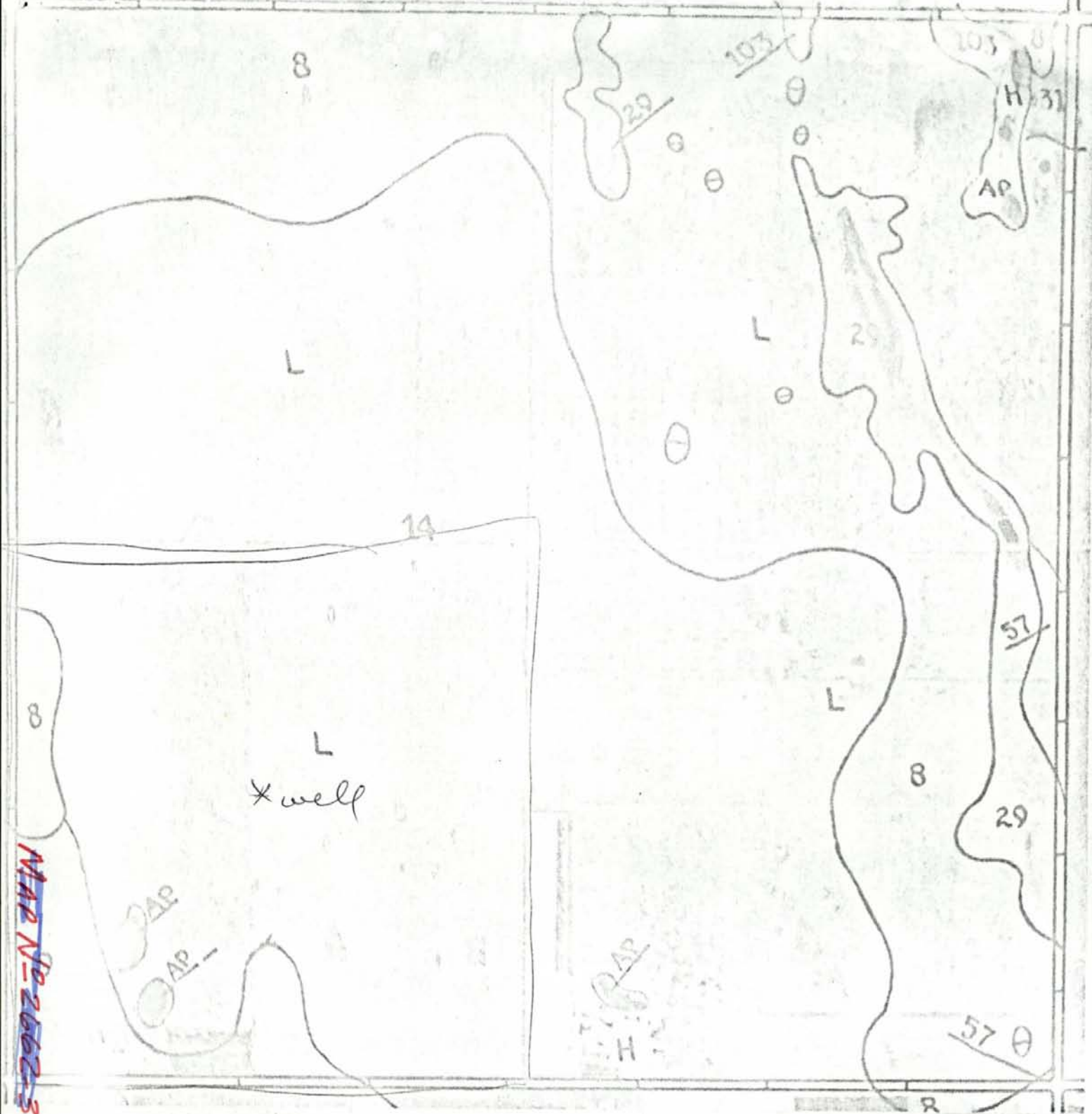
The equipment must be installed according to the manufacturer's specifications, calibrated, and maintained in good working condition. All chemical product labels must be followed and warning signs must be posted. These rules also require reporting of all spills, accidents, and system malfunctions. A 24-hour telephone number is provided.

The chemigation rules contain notification and record keeping requirements. Prior to using chemigation, notification must be given to the Chief Engineer on the enclosed Form 1C. Information that must be provided in this notification includes the water permit or right number, the name, address, and telephone number of the water permit or right holder and of the system operator, and the legal description of the lands on which the system is located. A record of the name, quantity, dates and hours of each chemical applied must be provided to the Chief Engineer on Form 2C. A copy of this form is also enclosed for your information. It will be mailed with the annual irrigation questionnaire and must be returned with the questionnaire by the date specified. If you have any questions regarding these rules or need additional copies of the forms, please contact Susan Bowar, Water Rights Engineer (605-773-3352).

Very truly yours,


JOHN HATCH, Chief Engineer
Water Rights Division

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Daniel Stewart Co Agt

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