

1. Considered MAY 20 1976 2723-3
2. Name of Applicant WAYNE JANSEN
3. Post Office Address CASTLEWOOD
4. Amount of water claimed 3.3
5. Source of water supply 3 WELLS - 2-50' & 1-70'
6. Water to be used for IRRIGATION
Acres to be irrigated 237
7. Water to be diverted and used in HAMLIN county
about 2E, 5S miles of CASTLEWOOD
8. Proof of Publication Received 5-18-76
Not Received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 2723-3Map No. 2082-3 Water Division No. 3 Big Sioux 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 Wayne Janssen
Postoffice address Castlewood 57223 State South Dakota
If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract Direct Labor
3. Name of diversion work Wayne Janssen Irrigation Project #1
4. Amount of water claimed (cubic feet per second) 3.3
5. Source of water supply Wells
6. Location of point of diversion #1 - 3035' N 59° E; #2 - 145° 0' N 71° E
and #3 - 4070' N 70° E all at SW corner Sec 18-114-51
County Hemlock
7. Annual period or periods during which water is to be used April through October
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 237

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.
<u>NW 1/4 Sec 18-114-51</u>	<u>33</u>	<u>NW 1/4 Sec 18-114-51</u>	<u>37</u>
<u>NE 1/4 " " " "</u>	<u>28</u>	<u>NE 1/4 " " " "</u>	<u>39</u>
<u>SW 1/4 " " " "</u>	<u>26</u>	<u>SW 1/4 " " " "</u>	<u>21</u>
<u>SE 1/4 " " " "</u>	<u>16</u>	<u>SE 1/4 " " " "</u>	<u>37</u>

Attach sheet if more space is needed

10. Time required to complete construction of water supply system three years. Additional time required to complete application of water to the proposed beneficial use three years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Hemlock County Enterprise
12. Principal Features of the Proposed Water Supply System.
- A. Works proposed to divert water from its natural source 3 wells with strategically driven deep well turbine
- B. Works proposed to transport water to place of use. closed conduits
- C. Works proposed to apply water to beneficial use. center pivot irrigation machine & tow lines

Estimated Total Cost \$20,000Attachments: 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 BrookingsI, Wayne Janssen, 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 Wayne JanssenSubscribed and sworn to before me this 20 day of April, 1976Richard J. Janssen
Notary Public (or other qualified officer)
21601916

Note! - This is a request for change in point of Diversions on Permit # 2035-3

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No 2723-3

WAYNE JANSSEN

(Applicant)

CASTLEWOOD

(Post Office Address)

SOUTH DAKOTA 57223

(State)

With the following modifications:

The irrigation wells 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 existing domestic wells or in irrigation wells having prior water rights.

THE PRIORITY FOR THIS PERMIT WAS ESTABLISHED UNDER PERMIT NO 2035-2. THE PERTINENT PORTIONS OF PERMIT NO 2035-3 HAVE BEEN INCORPORATED INTO THIS PERMIT, AND PERMIT NO 2035-3 HAS BEEN CANCELLED.

Date of first receipt of application APRIL 26 19 76

Date of return to applicant for correction, amendments or changes required — 19 —

Date of receipt of corrected application APRIL 30 19 76

Approved MAY 20 19 76, Recorded in Book 15 Page 165

WATER RIGHT PERMIT NO 2723-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2723-3 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 DECEMBER 17 19 73
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before NOVEMBER 20 19 77
3. The whole of said work is to be completed on or before MAY 20 19 79
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is MAY 20 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 3.3 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 it 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 MAY 20 19 82; said water to be used during the following described annual period: APRIL THRU OCTOBER

Witness my hand this 9TH day of JUNE 19 76

WATER RIGHTS COMMISSION

By:

John K. Loh
Chief Engineer, Executive Officer

Certificate of Construction Issued November 10 19 81

Water License Issued November 10 19 81

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", Depth 70'
 (2) Casing Type Electric pipe Diameter 18" Thickness 3/8"
 (wood, concrete, steel, etc.)
 (3) Perforated Screen.
 Type 5/6", Diameter 18", Length 20'
 (4) Gravel Pack, Thickness 6", Length of gravel pack 30'

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 0' to 2' log soil, 2' to 5' sand,
20' to 35' clay, 35' to 55' yellow clay and sand,
55' to 70' of gravel; over 70' is clay

Depth to top of water bearing material 55' good material

Depth to bottom of water bearing material 70'

Thickness of water bearing material 15' of good and about 20' of poor

Depth to water (ground surface to water level) 8'

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

On same owner's property 100 rds. On property owned by others 180 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.

Wayne Hansen
 Signature of Applicant

well # 2

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", Depth 49'
- (2) Casing, Type Fiber glass (wood, concrete, steel, etc) Diameter 18" Thickness 3/8"
- (3) Perforated Screen
Type Slat, Diameter 18", Length 20'
- (4) Gravel Pack, Thickness 6", Length of gravel pack 30'

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 0' to 2' - clay sand, 2' to 18' sand,
18' to 44' gravel, 44' + is clay

Depth to top of water bearing material 8'

Depth to bottom of water bearing material 49'

Thickness of water bearing material 41'

Depth to water (ground surface to water level) 8'

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

On same owner's property 80 rds. On property owned by others 260 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.

Walter J. Jansen
Signature of Applicant

STATE CONSERVATION COMMISSION
SUPPORTING INFORMATION
FOR APPROPRIATION OF GROUND WATER IN ACCORDANCE
WITH SECL 46-6-3 AS AMENDED
(This Form Required for Proposed Well Irrigation Only)

FOR COMMISSION USE ONLY

Irrigation System: _____

Water Quality: _____

Soils Capability: _____

Approved: 11/1/77

Disapproved: _____

NAME: Wagner, J. Jensen
ADDRESS: Pasler Wood
COUNTY: Madison

LEGAL DESCRIPTION

1. WELL LOCATION: Sec 4 & 5, T18N, R18E, S18, NW 1/4, NE 1/4, R18-114-51
2. AREA TO BE IRRIGATED: Parts of the S 1/4 Sec 18-114-51

TYPE OF IRRIGATION

3. GRAVITY _____ SPRINKLER (Indicate Type): center
4. CROPS TO BE IRRIGATED: Corn & Alfalfa

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: nearly level
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Heavily deep well drained
Soils with 20" to 40" of loamy material over sand & gravel

WATER QUALITY (To Be Completed by Commission)

7. SAMPLE NO: 76-414 76-413
8. SALINITY: EC = 1030 μ mhos/cm (high) EC = 944 μ mhos/cm (high)
9. SODIUM: SAR = 0.36 (low) SAR = 0.47 (low)

Note! There is one well for 400 wells
because this is one irrigation unit.

I do hereby certify that a chemical analysis of the ground water to be
acquired for irrigation from South Dakota State University and:
the land capability for irrigation information has been acquired from

Hamilton County SCS

and:

that the legal description for the location of the well and land to be
irrigated is true and correct.

Wayne Jensen

Subscribed and sworn before me this

20 day of April 1976.

John L. Jensen

P. F. # 1916

(Title)

2723-3

April 29, 1976

Mr. Wayne Janssen
Castelwood, SD 57223

Dear Mr. Janssen:

Enclosed herewith please find the original copies of the reports of analysis of the two water samples submitted here about a week ago for analysis. They are plotted approximately as to quality for irrigation use by means of the two red crosses in the chart on the outside back cover of AES publication #13 enclosed for your use. They are both in the high salinity, low sodium category.

In the climatic region of South Dakota of Castlewood, the effective natural precipitation is occasionally sufficient to cause some leaching of salts and this is particularly true if you keep the soil reservoir full in the late fall. Late fall precipitation and early spring precipitation is usually more effective for leaching than mid-summer rains. Thus, if salt becomes a problem as a result of use of this water, you should be careful to irrigate thoroughly in the fall of the year. However, I do not anticipate any moderately severe or severe salt problems with this water.

A copy of this letter, and the WI-1 form, as well as copies of the two water analyses are being sent to the State Conservation Commission for their action.

Sincerely yours,

L. O. Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission
D. Pahl
Harold Campbell, County Extension Agent



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

Submitted by: Wayne Jamison
 Address: Challinwood, SD 57223

Date Rec'd: April 22, 1976
 Sample No.: 74-413
 Identification: Well
SEA, Sec. 18, T 114N, R 51E

WATER ANALYSIS

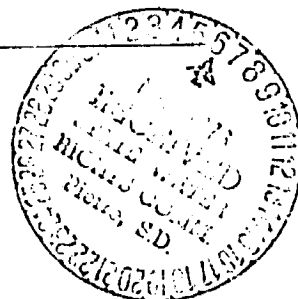
Calcium (Ca)	130	ppm*	6.50	me/l**
Magnesium (Mg)	46	ppm	2.37	me/l
Sodium (Na)	24	ppm	1.26	me/l
Potassium (K)	4	ppm	0.20	me/l
Sulfate (SO ₄)	181	ppm	9.26	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	4	ppm	0.13	me/l
Bicarbonate (HCO ₃)	434	ppm	21.2	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	356	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	944	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.47			
Sodium	9.27	% of cations		
Residual sodium carbonate	0	me/l		
pH	7.20			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 11.43 me/l
 Total anions 11.01 me/l



By: Wayne Jamison

Service Performed	Amount Due
Irrigation analysis	18.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 74-413

Amount Enclosed \$

Signed

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

Submitted by: Wayne Jansen
 Address: Castlewood, SD 57223

Date Rec'd: April 21, 1976
 Sample No.: 76-414
 Identification: Well -
Box, Sec. 18, T 114N, R 51W

WATER ANALYSIS

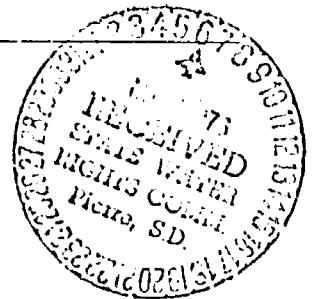
Calcium (Ca)	140	ppm*	7.00	me/l**
Magnesium (Mg)	50	ppm	4.10	me/l
Sodium (Na)	20	ppm	0.36	me/l
Potassium (K)	12	ppm	0.31	me/l
Sulfate (SO ₄)	122	ppm	6.55	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	11	ppm	0.31	me/l
Bicarbonate (HCO ₃)	425	ppm	6.96	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	348	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1030	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.36			
Sodium	7.00	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.15			
Others:				

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 1.27 me/l
 Total anions 9.82 me/l



By: Shirley Hiltan

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. 76-414

Amount Enclosed \$

Signed

Permit No. 2723-3

Water Diversion No. 3 Big Sioux River Water District

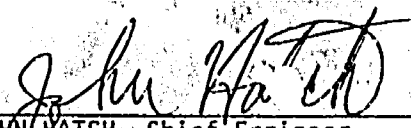
CERTIFICATE OF CONSTRUCTION

This is to Certify, That Wayne Janssen

_____ the holder _____ of
Permit No. 2723-3, issued upon Application No. 2723-3, bearing date of priority of December 17,
1973 authorizing the diversion of 3.3 cu. ft. per second of the waters of _____
groundwater (two wells) County of Hamlin, State of South Dakota at _____
Well #1-2380' & 1650'; Well #2 1155'E & 1150'N of the SW corner,
Section 18, T11N, R51W
_____, for irrigation

_____ purposes, has _____ complied with the provisions of the _____ 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 2.44 cu. ft. per second of water.

Date November 10, 1981


JOHN HATCH, Chief Engineer
Water Rights Division

STATE OF SOUTH DAKOTA

WATER LICENSE NO. 2723-3

(1) WHEREAS, On the 26th day of April, A. D. 19 76
Wayne Janssen

made Water Right Application No. 2723-3 for a permit to use 3.3 cubic feet per second of the waters
 of groundwater (two wells)

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

(2) WHEREAS, On the May day of 20th, A. D. 19 76
 Permit No. 2723-3, with a date of priority of December 17, 1973

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 20th day of May, A. D. 19 79 and for the
 application to beneficial use of said water on or before the 20th day of May, 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 2.0 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,

for irrigating the following land all in Section 18, T115N, R51W

	acres
<u>NW 1/4 SW 1/4 (CB)</u>	<u>30</u>
<u>SW 1/4 SW 1/4 (CC)</u>	<u>30</u>
<u>NE 1/4 SW 1/4 (CA)</u>	<u>35</u>
<u>SE 1/4 SW 1/4 (CD)</u>	<u>18</u>
<u>NW 1/4 SE 1/4 (DB)</u>	<u>17</u>
<u>SW 1/4 SE 1/4 (DC)</u>	<u>10</u>

TOTAL 140 acres

(5) N.W. 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 Wayne Janssen

_____ of Castleton SD

the holder _____ and owner _____ of said permit No. 2723-3 a water right, dated December 17, 1973

_____ to use of 2.1 cubic feet per second of the waters

of groundwater (two wells)

in the County of Hamlin and State of South Dakota, or so much thereof as may be necessary for the

purposes hereinbelow mentioned, to be diverted at Well #1-2380'E & 1650'N (C4); Well #2

1155'E & 1150'N (C6) of the SW corner, Section 18, T11N, R51W

and conducted to and upon portions of Section 18, T11N, R51W more fully

described on the face of this license.

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 2723-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota

this 10th day of November A. D.

Nineteen Hundred and Eighty-one

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer

JOHN HATCH

Publish first publication, on or before May 10, 19 76

NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

May 1, 19 76

Wayne Janssen

Notice is hereby given that _____

whose post office address is Castlewood, 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 to change the point of diversion for Well #1 & to add Wells no additional cubic feet of water per second of time from the ground water #2 and #3, and through the

Janssen #1, the point of diversion of which is to be located in the _____

SW $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ S7 $\frac{1}{2}$ and Center of the SE $\frac{1}{4}$

of Section 18, Twp. 114N, Range 51W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

S $\frac{1}{2}$, Section 18, 114N, R51W

This application No. 8723-1 will be considered by the Water Rights Commission at their office at Pierre upon the 20th day of May, 19 76, at 1:00 P. M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES
Water Rights Specialist

BFJ/bw

cc: Wayne Janssen, Castlewood, S.D. 57223

5002

No. 2723-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Codington) ss.

I, John R. Lowrie hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Watertown Public Opinion

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 _____ Watertown _____

County of Codington and State of South Dakota;
that the said notice was published in said newspaper on the following
two dates:

May 7th, 1976

May 14th, 1976

[Signature]
(Signature)
General Manager
(Title)

May 14th, 1976

(Date Signed)

PUBLIC NOTICE

No. 2723-3

NOTICE INTENT
TO APPROPRIATE WATER

Pierre, South Dakota 57501

May 3, 1976

Notice is hereby given that Wayne Janssen whose post office address is Castlewood, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for a permit to change the point of diversion for Well No. 1 & to add Wells No. 2 and No. 3, and to appropriate for beneficial use no additional cubic feet of water per second of time from ground water through the Janssen No. 1, the point of diversion of which is to be located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$ and Center of the SE $\frac{1}{4}$ of Section 18, Twp. 114N, Range 51W. Said water to be used for the purpose of providing irrigation on the portions of the following described land: S $\frac{1}{4}$, Section 18, T114N, R51W.

This application No. 2723-3 will be considered by the Water Rights Commission at their office at Pierre upon the 20th day of May, 1976, at 1:00 P.M. All interested persons may appear and be heard.

WATER RIGHTS
COMMISSION

By: John Hatch, for
BURTON F. JONES
Water Rights Specialist
(May 7, 14, 1976)





Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, Pierre, South Dakota 57501

Phone 605/224-3151

June 9, 1976

Wayne Janssen
Castlewood, S.D. 57223

Dear Mr. Janssen:

Enclosed herewith is your Water Right Permit No. 2723-3 as approved by the Water Rights Commission, authorizing you to construct your water diversion system and apply the water to beneficial use, not exceeding the limits as specified in said Water Right Permit No. 2723-3.

Also enclosed is Form 10, Notice of Completion of Works and Application of Water to Beneficial Use, which you are to complete and submit to the Water Rights Commission when you have completed the system and/or have put the water to beneficial use. The Commission can then schedule an inspection so that your Certificate of Construction and/or your Water License may be issued to you, thus completing your acquisition of a Water Right.

P.S. You will note that Permit No. 2035-3 has been cancelled.

Respectfully,
WATER RIGHTS COMMISSION

JOHN HATCH
Chief Engineer

JH/BFJ/bw
Encl: As stated

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

No 4 8499

PIERRE, October 2, 1981

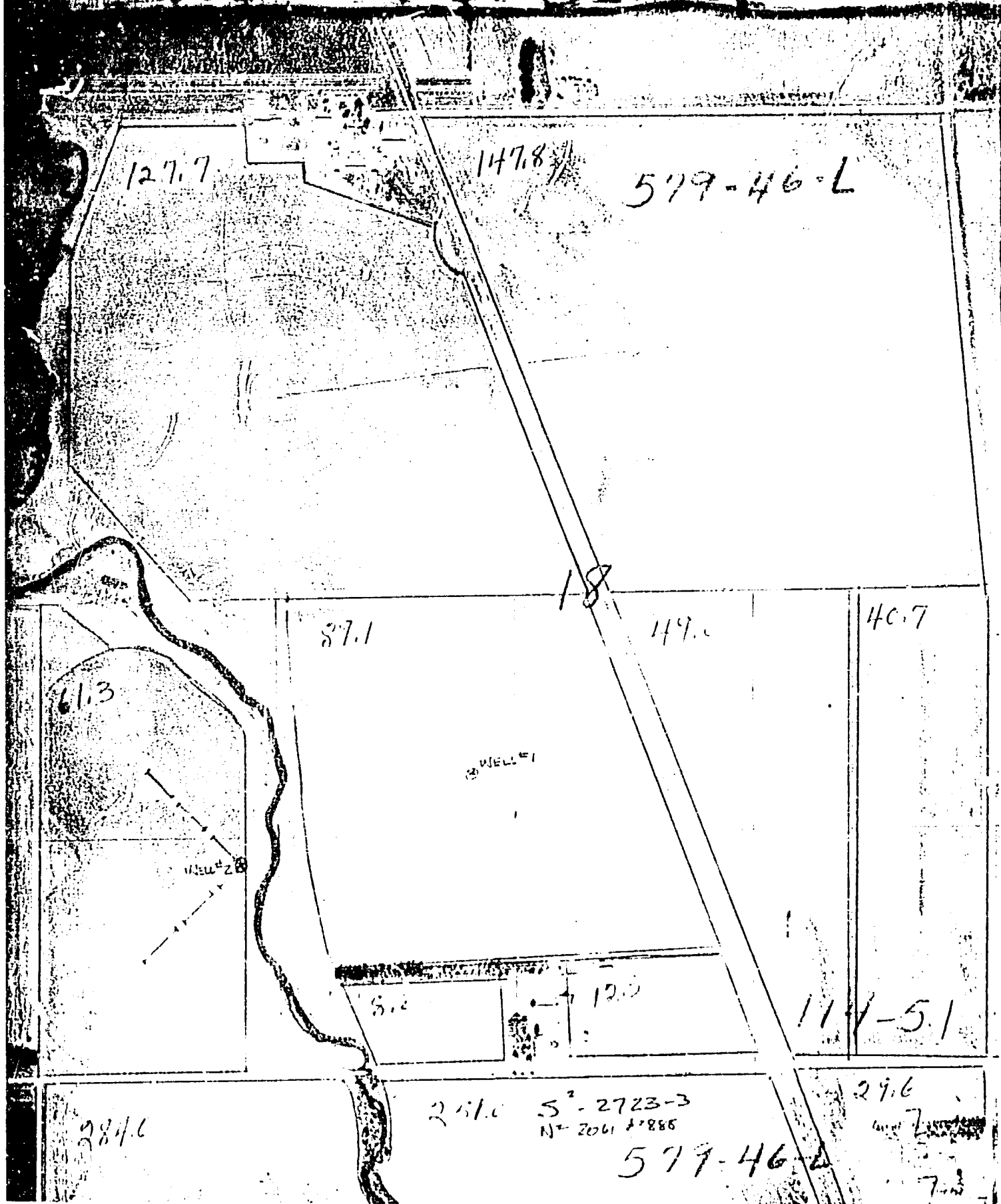
RECEIVED OF Wayne Janssen, RR 2, Box 76, Castlewood, SD 57223
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. 2723-3 (examination, processing, recording and filing) -----		
Fee for inspecting Construction, and issuing Cert. of Construction No. 2723-3 -----	50	00
Fee for inspecting Beneficial Use, and issuing Water License No. 2723-3 -----		
Fee for issuing Location Certificate-Dry Draw, No. -----		
Fee for filling -----		
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 *(Signature)*
Chief Engineer, Executive Officer
JOHN HATCH / *(Signature)*

NOT TO SCALE



Permit No. 2723-3Water Division 3 Big Sioux River Water District

**REPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE**

TO: WATER RIGHTS, WATER MANAGEMENT BOARD / OSS BLDG., PIERRE, SOUTH DAKOTA 57501

I have this day made a thorough examination of the water use system constructed by WAYNE
JANSSEN of CASTLEWOOD holder
of Permit No. 2723-3, bearing date of priority of DECEMBER 17, 1973
authorizing the diversion of 3.3 cu. ft. per second of the waters of GROUNDWATER
for IRRIGATION purposes, in HAMLIN 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:

WELL #1 - 50' DEEP - 16" STEEL CASING - 10' SS SCREEN
WESTERN LAND ROLLER 6" PUMP - 6 10 CM POWERED BY
40 HP US ELECTRIC MOTOR @ 1765 RPM
WELL #2 - 42' DEEP - 18" FIBREGLAS CASING - 20' FIBREGLAS SCREEN
FAIRBANKS MORSE 6" PUMP - 3 10 CM - POWERED BY 40 HP US ELECTRIC
MOTOR @ 1760 RPM

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

2 - 700' 6" BURIED PVC LINES TO SMALL PUMP PIDS
15' 8" IRON PIPE TO 10 TOWER CP SYSTEM

C. Works used to apply water to beneficial use.

5 TOWER VALLEY WATER DRIVE CENTER PILOT - TOWER BETWEEN
TWO POINTS IN W²SW⁴ - NELSON #100 END GUN
10 TOWER VALLEY WATER DRIVE CENTER PILOT - NELSON #100 END GUN

The system is in the following condition: GOOD

The point of diversion is located #1 - 2380'E ± 1650'N; #2 - 1155'E ± 1150'N
OF THE SW CORNER, SECTION 18, T114N, R51W

The works are capable of diverting and conveying to the place of use 2.44 ^{450 GPM - 10 TOWER CP}
^{450 GPM - 5 TOWER CP}
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: SECTION 18, T114N, R51W

NW ⁴ SW ⁴	30 ACRES	NW ⁴ SE ⁴	17 ACRES
SW ⁴ SW ⁴	30 ACRES	SW ⁴ SE ⁴	10 "
NE ⁴ SW ⁴	35 "		
SE ⁴ SW ⁴	18 "		

comprising a total of 110 acres of land.Date August 11, 1981

Arthur Jones
(Signature)



Department of Water & Natural Resources

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

March 23, 1987

WAYNE JANSSEN
RR #2 BOX 76
CASTLEWOOD, SD 57223

NOTICE

Re: Violation of Requirement To Submit 1986 Irrigation
Questionnaire

Our records indicate that the 1986 Irrigation Questionnaire has not been submitted for Permit No(s). 2841-3, 2723-3. The request for the Questionnaire was dated November 3, 1986. The Water Management Board has directed that owners of water permits who have not submitted 1986 Irrigation Questionnaires be given notice of hearing(s) to be held by the Board to determine if any action is to be taken concerning the violation.

The hearings will be held at 2:00 pm, May 6, 1987 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing(s), the Water Management Board can:

1. Amend Permit No(s). 2841-3, 2723-3 to require the Irrigation Water Use Questionnaire to be submitted each year;
2. Postpone any action;
3. Take no action.

The hearing(s) is an adversary proceeding. The permit owner has the right to be present or to be represented by a lawyer. These and other due process rights will be forfeited if they are not exercised. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

A handwritten signature in black ink, appearing to read "John Hatch".

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

NOTE: If the questionnaire(s) is received in this office before the hearing date, your name will be deleted from the agenda for the hearing.



Department of Water & Natural Resources

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

April 15, 1987

2723-3
2841-3

Wayne Janssen
RR #2 Box 76
Castlewood, SD 57223

Dear Mr. Janssen:

This will acknowledge receipt of and thank you for the return of your 1986 Irrigation Questionnaires. A notice was sent to you March 23, 1987 regarding the Irrigation Questionnaire submittal violation of Water Permit Nos. 2723-3 and 2841-3 and the date hearings were to be held before the Water Management Board to determine any action to be taken concerning the violation.

Please disregard the notice sent to you dated March 23, 1987. Your name has been deleted from the agenda pertaining to these hearings.

If you have any questions, please contact us.

Very truly yours,

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

Original was permit # ~~2035~~ 2035-3

12/7
13/18

Wayne Janssen Irrigation Project

Area to be irrigated

- Area 1 - 59 acres located in SW 1/4 of 18-114N-51W
- Area 2 - 88 acres located in SW 1/4 + 3/4 of 18-114N-51W
- Area 3 - 90 acres located in SE 1/4 of 18-114N-51W
- Total 237 acres

Owner - Wayne Janssen
Castlewood South Dakota

Relocation of points of diversion:

Well indicated by a circle is original request made on 12-14-73; its actual located at point indicated by well #1 or 3035' N 59° E of SW corner sec 18-114-51
Two additional points of diversion are being requested:
Well #2 - 1650' N 41° E of SW corner sec 18-114-51
Well #3 - 4090' N 70° E of SW corner sec 18-114-51

Surveyor's Certificate

Request made:
4-20-76
John L. Wiersma
P.E. #1916

I, John L. Wiersma, do hereby certify that this map identifies a reasonably accurate record of the land of:

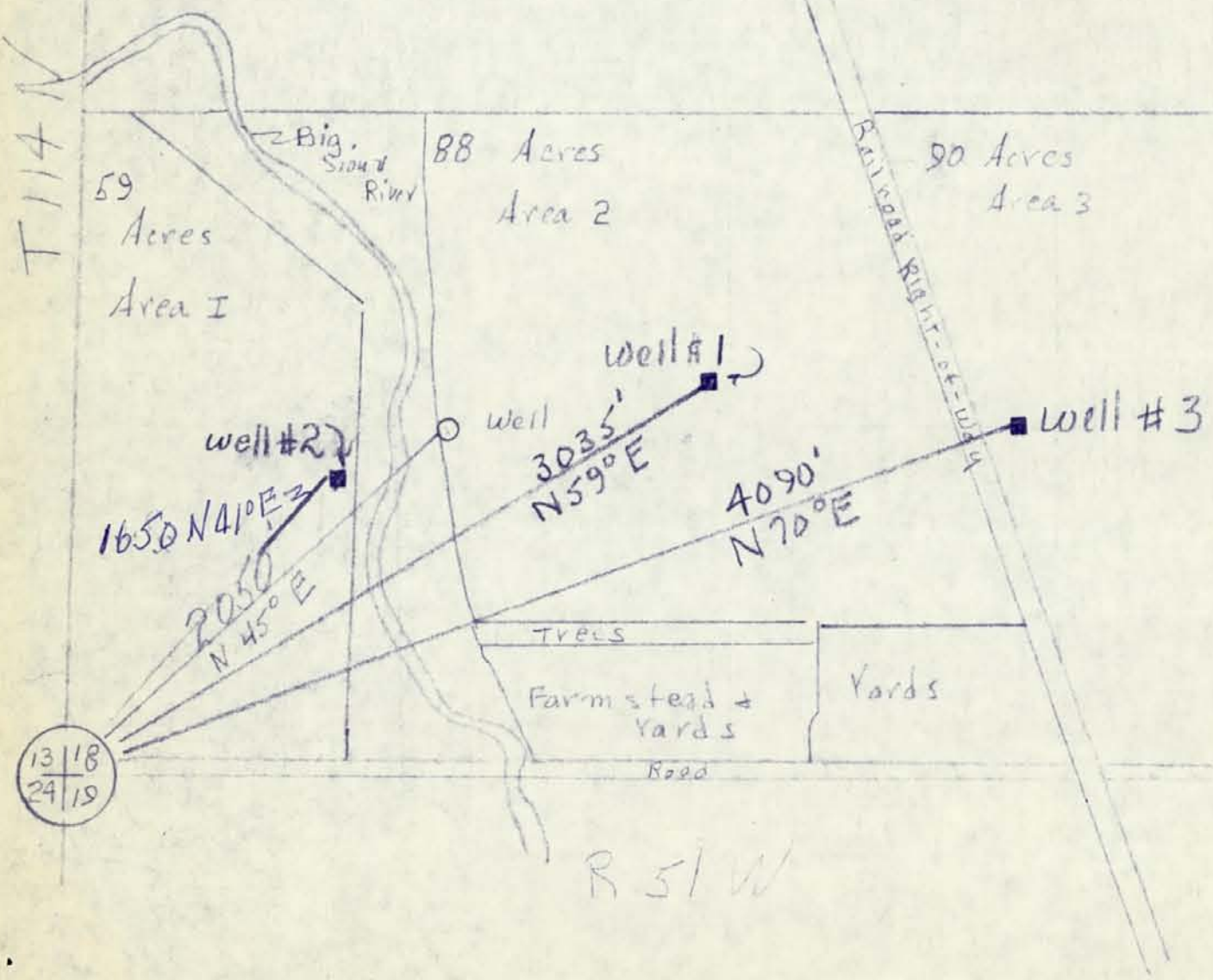
Wayne Janssen Irrigation Project
Castlewood S. Dakota

Drawn by J.L.W. 12-14-73

John L. Wiersma P.E. #1916
Brookings S. Dakota

~~MAP NO 2082-3~~ APPL NO 2723-3

Section line

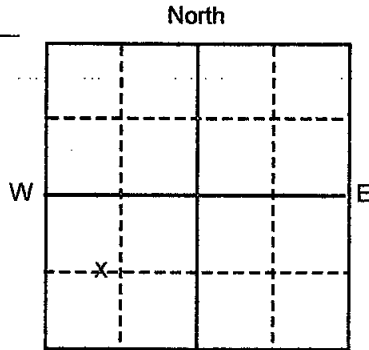


SOUTH DAKOTA WATER WELL COMPLETION REPORT

11-02

Location NW ¼ SW ¼ Sec 18 Twp 114N Rg 51W

County HAMLIN

Please mark well
location with an "X"

Well Completion Date

June 17, 2015

1 Mile

Distance to nearest potential pollution source (septic tank, abandoned well, feed lot, etc.)?
ft. from (identify source)

PROPOSED USE:

☐ Domestic/Stock ☐ Municipal ☐ Business ☐ Test holes
☒ Irrigation ☐ Industrial ☐ Institutional ☐ Monitoring well

METHOD OF DRILLING:

DIRECT ROTARY

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
40.0 LB/FT	16.00 IN	0.0 FT	58.0 FT	24.00 IN
LB/FT	IN	FT	FT	IN
LB/FT	IN	FT	FT	IN

GROUTING DATA:

Grout Type	No. of Sacks	Grout Weight	From	To
GRTWELDF	28	54.0 Lb/gal	0.0 Ft	55.0 Ft
		Lb/gal	Ft	Ft

Describe grouting procedure
pressure pull

SCREEN:

☐ Perforated pipe ☒ Manufactured

Diameter 16.00 Inches Length 20.0 Feet

Material STAINLESS STEEL

Slot Size .080 Set From 58.0 Feet to 78.0 Feet

Other information

WAS A PACKER OR SEAL USED?

☐ Yes ☒ No

If so, what material?

Describe packer(s) and location

DISINFECTION: Was well disinfected upon completion?

☐ Yes, How?☐ No, Why Not?Lab to which water
quality sample sent for analysis

Well Owner: WAYNE JANSSEN

Business Name:

Address: 18935 463RD ST

City, State, Zip: CASTLEWOOD SD 57223

WELL LOG:

FORMATION	DEPTH	
	FROM	TO
TOP SOIL	0	1
YELLOW MIXED GRAVEL	1	18
YELLOW CLAY	18	30
ROCKS	30	34
YELLOW GRAVEL	34	42
BLUE CLAY	42	58
GREY MED-COURSE	58	78
SMOOTH ROCKS AND PEBBLES		

STATIC WATER LEVEL 2.0 FEET

If flowing: closed in pressure PSI

GPM flow through Inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

Reduced flow rate GPM

Can well be completely shut in?

WELL TEST DATA:

☒ Pumped Describe: SUBMERSIBLE
☐ Bailed
☐ Other

Pumping Level Below Land Surface

38.0 Ft. After 3.0 Hrs. pumped 1,500.0 GPM

Ft. After Hrs. pumped GPM

If pump installed, pump rate: GPM

REMARKS

RECEIVED

FEB 01 2016

WATER RIGHTS
PROGRAMThis well was drilled under license # 689 and this
report is true and accurate.

Drilling firm: KAISER WELL DRILLING INC

Signature of License Representative:

Signature of Well Owner or Equitable Property Holder:

Date: