

1. Considered: February 3, 19 81

Water Right No. 4834-3

4041

2. Name of Applicant Howard Christenson
3. Post Office Address 811 N. Madison, Pierre 57501
4. Amount of Water Claimed no add'l (5.14) maximum acre feet 40 to 45 feet deep
5. Source of Water Supply four wells
6. Water to be used for IRR acres to be irrigated 41.8 Add'l (500)
7. County Hughes about 3E 2 miles North of Blunt
3. PROOF OF PUBLICATION: Received 2-28-81 Not Received _____
- APPLICATION: Approved 2/4/82 Subject to DW-IR
- Not Approved _____ Action Deferred _____

PRIORITY Dated Received 11/23/81 Application complete-yes X no _____ FEE 150.00

see attachment

Remarks will combine 413-3, 967-3, 1889-3 and 2097-3

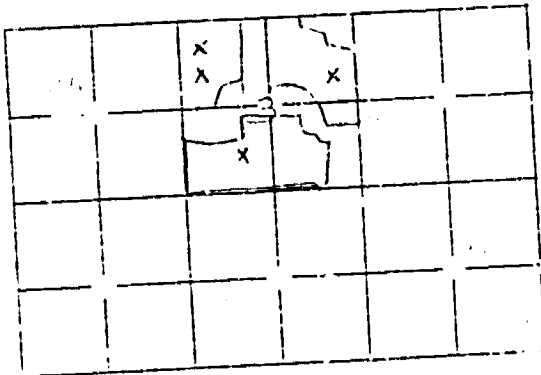
Corrected Application received Nov 22 Period of Annual Use April thru October

WATER QUALITY

Received yes 11/6/81 APPROVED (CONDITIONAL) (Circle one)

WI-1 Description same as application-yes XX no _____ Remarks _____

Disapproved _____ Returned _____



Diversion Point S. 1/4 Sec 1 - SE 1/4 SW 1/4
#2 - Sec 13, #3 - 1/4 Sec 12 and
well #4 on 1/4 Sec 16, all in Section
3 - T 112N - R 74W
Land to be irrigated _____
Section 3 - T 112N - R 74W

WELL LOG

Driller EMPIRE & DAKOTA BORING Licensed - yes _____ no _____

Depth 40'-45'

Remarks Domestic well LOGS FOR CHRISTENSEN. Same
depth etc

MAP Map No. 4041-3 Map located in Water Right X Map file _____
 Type of Map Aerial & Drawn Prepared by Mernagh.
after Inspection

REVIEWED This Application was received within 30 days of the date received, accepted as complete, Number assigned and written up for advertisement before the Board on:

12-11-81

Betty Robertson
 (Signed)

PROTESTS Letters/Petitions in File - yes _____ no _____ Remarks _____

REMARKS Date _____
 F.F. & C. Final Decision, including F.F. & C. of Law were adopted _____
 OF LAW, Date _____
 FINAL Final Decision mailed to parties and/or parties notified that Final Decision was
 DECISIONS adopted _____
 ETC. Remarks _____

No. 4834-3Map No. 4041-3 Water Division No. 3 MISSOURI RIVER District
Above for Office Use 10140103

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

Check one of the following:

New _____ Vested Right _____ Future Use _____

Change in Diversion _____ Additional Diversion _____

Change in Acreage _____ Additional Acreage XX1. Name of Applicant Howard Christenson Phone No. 224-2808Post Office Address 811 N. Madison Pierre State South Dakota 57501
(Street, RR, or Box) (Town) (Zip Code)

If a corporation show date and place of incorporation _____ completed

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

3. Name of diversion work _____

4. Amount of water claimed (cubic feet per second) 5.14 (no add'l, see attached sheet)5. Source of water supply four wells6. Location of point of diversion Well #1 - N 32°56'W, 956 ft.; Well #2 - N26°0'W 3830ft.;
Well #3 - N 21°30' 4410 ft.; all from S½ Corner Sec.3, T112N R76W;
Well #4 - N 45°0'W 1000 ft. from E½ Corner Sec.3, T112N R76W HUGHES CO.7. Annual period or periods during which water is to be used April thru October8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, _____ Total number of acres to be irrigated 360

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.
(see attached sheet)	

Land Description	No. Acres Irr.

Attach sheet if more space is needed

10. Time required to complete construction of water supply system completed years. Additional time required to complete application of water to the proposed beneficial use completed years.11. Choice of county newspaper for publication of Notice of Intent to Appropriate Water Capitol Journal
Pierre, SD

12. Principal Features of the Proposed Water Supply System.

A. Works proposed to divert water from its natural source.
four wellsB. Works proposed to transport water to place of use.
aluminum pipe
underground PVC pipeC. Works proposed to apply water to beneficial use.
gated pipe, side roll system,
center pivot

Note: This permit is for an additional 41.8 acre upon approval of this application. Permit No.s 413-3, 967-3, 1889-3 and 2067-3 will be incorporated as all pertinent information is included in this application.

Estimated Total Cost \$ _____

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 Hughes) ss.I, Howard Christenson 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 Howard Christenson
Subscribed and sworn to before me this 23rd day of November, 1981
Baron M. Leake
Notary Public (or other qualified officer).

WATER RIGHT APPLICATION APPROVAL

The Water Management Board hereby approves Water Right Application No. 4834-3

HOWARD CHRISTENSON

811 N. MADISON-PIERRE

SOUTH DAKOTA 57501

(Applicant)
(State)

(Post Office Address)

With the following qualifications

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 adequate domestic wells.

This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

THE APPLICABLE PORTIONS OF PERMITS NO 418-3, NO 967-3, NO 1889-3 AND NO 2067-3 HAVE BEEN INCORPORATED INTO THIS PERMIT.

PRIORITY FOR THIS PERMIT HAS BEEN TRANSFERRED TO THIS PERMIT FROM THE ABOVE PERMITS.

Date of first receipt of application NOVEMBER 23, 1981

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

Date of receipt of corrected application , 19

Approved FEBRUARY 4, 1982, Recorded in Book Page

WATER RIGHT PERMIT NO. 4834-3

The Water Management Board hereby grants and issues this Water Right Permit No. 4834-3 authorizing the construction of the water use system and the putting of water to beneficial use as stated in the Application and as qualified in the Water Right Application approval, subject, however, to the following limitations and conditions:

1. The date from which applicant may claim right is 1.42 CFS FROM 5-21-69 1.56 CFS FROM 10-2-71 1.56 CFS FROM 7-27-62 1.62 CFS FROM 5-18-1974
2. The equivalent of at least one-tenth of the work above specified is to be completed on or before 5-18-1974
3. The whole of said work is to be completed on or before 5-18-1974
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is COMPLETED, 19-
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 5.14 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 irrigation purposes said appropriation must be limited to not more than 2 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 THIS DATE, 1982; said water to be used during the following described

annual period: APRIL THRU OCTOBER

Witness my hand this 19TH day of MARCH, 1982

THE WATER MANAGEMENT BOARD

By

John Hatch
Chief Engineer Water Rights

Certificate of Construction Issued , 19

Water License Issued , 19

Howard Christenson
811 N. Madison
Pierre, SD 57501

<u>Land Description</u>	<u>Acres</u>
Lot 9, Sec.3 T112N R76W	2
Lot 10, " " "	20
Lot 11 " " "	38
Lot 12 " " "	16
Lot 13 " " "	13
Lot 14 " " "	37
Lot 15 " " "	34
Lot 16 " " "	40
NW $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	2
NE $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	15
SW $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	40
SE $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	40
NW $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	14
NE $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	20
SW $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	35
total = 360 acres	

Par.5 (cont'). Amount of water claimed and priority date:

1.42 cfs	May 21, 1959
1.56 cfs	Feb.27, 1962
1.56 cfs	Oct.5, 1971
.60 cfs	Mar.18, 1974
<u>5.14</u>	

October 16, 1981



Howard Christenson
811 N. Madison
Pierre, SD 57501

Dear Mr. Christenson:

Enclosed is your copy of the laboratory report of analysis for water sample No. 81-1212.

I have plotted the approximate quality of your water by means of a red cross in the chart located on the back cover of the accompanying AES pamphlet #13.

Sample No. 81-1212 is classified as a medium to high saline, low sodium water. It is suitable as a source for irrigation. In fact the water quality of this sample approaches that of Missouri River water.

With the exception of poorly drained very heavy clays, most of the soil series found within the state of South Dakota are compatible with your water.

I will forward a copy of this letter to the Conservation commission for inclusion with your irrigation application package.

Sincerely,

Michael H. Sanders
Water Quality Lab
Division of Conservation

MHS:ckh

Enclosures

cc: Division of Conservation
- Division of Water Rights
D. Pahl, Extension Service

REPORT OF ANALYSIS
Water Quality Laboratory
Water Resources Research Institute
South Dakota State University
Brookings, South Dakota 57007

Name: HOWARD CHRISTENSEN Date Rec'd: Oct 02 1981
Address: 811 S MADISON Sample No. 31-1212
PIERRE SD Identification 1011
57501 1121 76# 03 c

WATER ANALYSIS

Calcium (Ca)	95	ppm*	4.79	me/l**
Magnesium (Mg)	29	ppm	2.38	me/l
Sodium (Na)	39	ppm	1.70	me/l
Potassium (K)	6	ppm	0.15	me/l
Sulfate (SO4)	106	ppm	2.21	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	23	ppm	0.65	me/l
Bicarbonate (HCO3)	376	ppm	6.16	me/l
Carbonate (CO3)	0	ppm	0.00	me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Manganese (Mn)		ppm		
Boron (B)		ppm		
Hardness (EDTA as CaCO3)		ppm		g.p.g.***
Total solids		ppm		
Total Cations			9.02	me/l
Total Anions			9.02	me/l
Alkalinity (Methyl Orange)	308	ppm (as CaCO3)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO3)		
Electrical Conductivity	800	micromhos per cm at 25 C		
Sodium Adsorption Ratio	0.20	Adjusted SAR	2.22	
Sodium	14.79	% of Cations		
Residual sodium carbonate	0.00	me/l		
pH	7.71			
Others:				

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

COMMENTS

By: Shirley Mittan

Service Performed:

Amount Due:

Irrigation Analysis

\$23.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 31-1212

Amount Enclosed \$
Signed

4

(1) WELL CONSTRUCTION

Location of Well: 1/4 1/4 Section 3 Township 112 Range 74

Well owner HOWARD CHRISTENSEN 201 N. MADISON PIERRE, SD
(Name) (Address)

Date well drilling completed 3/13/74 Purpose of well Domestic
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer
0-2	Top Soil
2-2.5	Sandy Clay
2.5-50	Clay
50-57	Gravel
57-	Clay

Attach sheet if more space is needed

Depth to top of water producing aquifer 50 ft.

Depth to static water level _____ 1.3 _____ ft.

Name of producing authority (if known) NAT KUCHI, 12

Total depth of drill hole _____ 1157 _____ "

Depth to bottom of casing _____ ft.

Coating Information: In the space below show kind, size, weight, lengths per diameter, etc. for production coating and surface coating, if used.

A-47 4" I.D. Plain Horizontal Passage

Screen information in the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

47-57 4" T.S. Prof. Fls. Green.

If a flowing well, flow of completed well _____ O.P.M.

EMPIRE IRRIGATION DRILLING CO., INC
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump Not by Empire HP.

Type of pump _____ Capacity of installed pump _____ G.P.M. _____

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required. See Section 16.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____,
tube material _____.

Name of Pump Installation Contractor



11/1/82

(1) WELL CONSTRUCTION

Location of well: 1 1/4 SE 1/4 SE Section 3 Township 11 Range 28

Well owner Howard Christenson Blount
(Name) (Address)

Date well drilling completed May 8-25 Purpose of well (domestic, irrigation, municipal, industrial, other)

WELL LOG

[illegible]

Depth to top of water producing aquifer 21 ft.

Depth to static water level. 521 ft.

Name of producing aquifer (if known) _____

Total weight of shell bags _____ lb

Depth to bottom of casing 32 ft.

Casing Information: In the space below show kind, size, weight, lengths per diameter, etc., for production casing and surface casing, if used.

Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.

If a flowing well, flow of completed well _____ G.P.M.

Attach sheet if more space is needed.

(2) PUMP INSTALLATION

Company name and size of pump _____ HP _____

Type of pump _____ Capacity of installed pump _____ G.P.M. _____

Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required. See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____ tube material _____.

Name of Pump Installation Contractor

17

(1) WELL CONSTRUCTION

Location of well: 1/4 1/4 Section 5 Township 112 Range 16

Well owner Howard Christensen 801 N. Madison Pierre, SD
(Name) (Address)

Date well drilling completed 3/7/74 Purpose of well Domestic
(domestic, irrigation, municipal, industrial, other)

WELL LOG

Layers, top to top in feet	Description of layer	Depth to top of water-producing aquifer _____ ft.
6-2	Top Soil	Depth to static water level _____ 15 _____ ft.
2-2.5	Clay	Name of producing aquifer (if known) _____
25-40	Sand and Gravel	Total depth of drill hole _____ 35 _____ ft.
		Depth to bottom of casing _____ 35 _____ ft.
		Casing information: In the space below show kind, size, weight, length, per diameter, etc., for production casing and surface casing, if used.
		23 ft. 4" I.D. Plastic Well Casing
		Screen information: In the space below show length of screen below bottom of casing, diameter and kind of screen or casing perforations.
		10 ft. 4" I.D. Plastic Well Screen
		If a flowing well, flow of completed well _____ G.P.M.

Attach sheet if more space is needed

If a flowing well, flow of completed well _____ G.P.M.

Empire Irrigation Drilling Co., Inc.
Name of Drilling Contractor

(2) PUMP INSTALLATION

Company name and size of pump Not available for engine HP.

Type of pump _____ Capacity of installed pump _____ G.P.M.

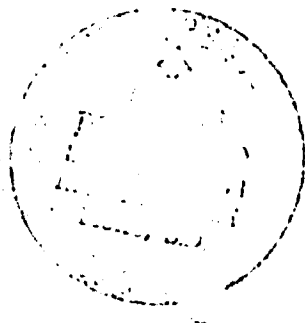
Depth of pump placement _____ ft., Date of pump installation _____

(3) WATER SURFACE MEASURING TUBE

On some wells an air-tight water surface measuring tube is required: See Section 46.408 of Chapter 46.4, MINIMUM WELL CONSTRUCTION STANDARDS.

Show exact vertical length of water surface measuring tube, when installed _____ ft., tube diameter _____, tube material _____.

Name of Pump Installation Contractor:



NAME OF APPLICANT Howard Christenson
SWg Sec 3 112-76

THE SOIL(S) LISTED BELOW CANNOT BE IRRIGATED

RECOMMENDED MANAGEMENT:

This image shows a single sheet of white paper with horizontal black ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

SOIL/WATER COMPATIBILITY PERMIT APPLICATION FORM
STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

Office Use Only

0955

OWNERS NAME: Howard Christenson OWNERS ADDRESS: 211 N Madison
Pierre, SD 57501

COUNTY LAND LOCATED IN: Hughes PHONE: 224-2808

TENANT'S NAME AND ADDRESS: (If Other Than Owner) _____

In accordance with State Law SDCL 46-5-6.5, if a water permit is granted with a conditional Soil/Water Compatibility permit, a copy of such conditional soil/water compatibility permit must be filed with the County Register of Deeds. This action must be taken by the holder of a water permit within 6 months of receipt of such water permit.

LEGAL DESCRIPTION: (Show Legal Description to Nearest 10 Acres)

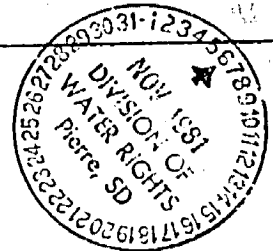
1. WELL LOCATION OR DIVERSION POINT: SE 1/4 SW 1/4 Sec 3 T112 R76
2. SURFACE WATER SOURCE: _____
3. LOCATION OF AREA TO BE IRRIGATED. NOTE: SOILS INFORMATION FOR THIS AREA MUST ACCOMPANY THE APPLICATION. (See instruction sheet)

Legal Description	Acres	Legal Description	Acres
SW 1/4 SW 1/4 Sec 3 T112 R76	1.0		
NW 1/4 SW 1/4 Sec 3 T112 R76	2		
NE 1/4 SW 1/4 Sec 3 T112 R76	15		
NW 1/4 SE 1/4 Sec 3 T112 R76	14		

4. TYPE OF IRRIGATION: GRAVITY: ☒ TOWLINE: 71 OTHER: center pivot
CENTER PIVOT: _____ GUN: _____ (Specify) _____
5. CROPS TO BE IRRIGATED: _____
6. SHOW ANY PORTION OF LAND THAT PRESENTLY HOLDS AN IRRIGATION PERMIT: YEAR OBTAINED: _____
LEGAL DESCRIPTION: _____
IN WHAT NAME: _____

WATER QUALITY: (TO BE COMPLETED BY SDSU WATER QUALITY LABORATORY)

7. WATER SAMPLE NUMBER: 91-1212
8. SALINITY (EC X 10⁶): 800
9. SODIUM (SAR): 0.90
10. ADJUSTED (SAR): 2.22 (1.5)



I hereby certify that I personally obtained or that I personally observed the taking of a sample of the water to be used in irrigating the above-described land. I also hereby certify that the required procedures for the taking of the sample (see instruction sheet) were followed, and that the sample was taken at 11:55 a.m./p.m., on Sept. 23, 1991, at the following location: SE 1/4 SW 1/4 Sec 3 T112 R76 by Howard Christenson (individual who took sample if other than applicant). I also hereby certify that the water sample taken has NOT been adulterated or tampered with in any manner, and is TRULY REPRESENTATIVE of the water which will be used in irrigating the above-described land.

I understand that the Division of Conservation or agents thereof may obtain another water sample for the purpose of validating the water sample analysis taken at the time of application (SDCL 46-5-6.4).

SUBSCRIBED AND SWORN BEFORE ME THIS

23 DAY OF Sept., 1991.

Martin Christenson
(NOTARY PUBLIC)

Howard Christenson
APPLICANT'S SIGNATURE

John W. F. Hall
Director, Division of Conservation

IMPORTANT

Action by the Department of Agriculture or the State Conservation Commission is not the final action on any application. In all cases a WATER PERMIT must be obtained from the Board of Water Management.

APPROVED

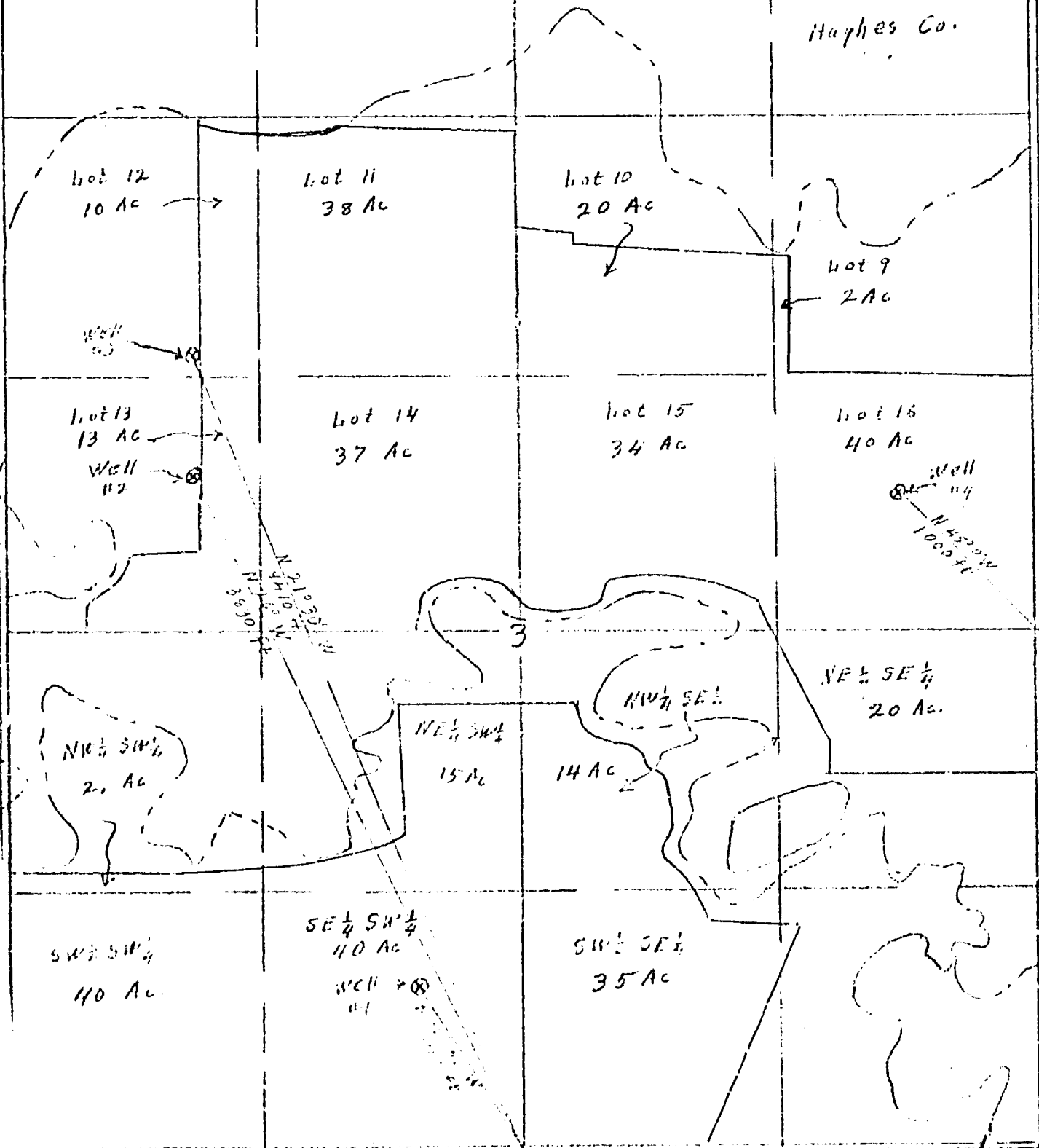
DISAPPROVED

☒ CONDITIONALLY APPROVED

R 76W

Long Section North End in lots

Howard
Christie son
Haynes Co.



111-1-3
111-1-3

No. 4834-3

Publish first publication on or before January 1, 1982

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota, 57501

December 11, 1981

Notice is hereby given that Howard Christensen whose post office address is 811 N. Madison, Pierre, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 46-1-12 thru 46-1-14; 46-2-9 thru 46-2-11; 46-2-13; 46-5-1 thru 46-5-8, 46-5-10 thru 46-5-22, 46-5-25, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-13, 46-6-14 and Board Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use no add'l cubic

groundwater
feet of water per second of time from (four wells) through the Christensen Irr.

existing
Project, the /point(s) of diversion of which xx(are) to be located in the _____
Lots 12, 13 and 16 and SFL SWA

of Section 3, Twp 172N, Range 76W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

Section 3 - T172N - R76W (portions of this land is covered under existing
water permits)

This Application No. 4834-3 will be considered by the Water Management Board at Meeting Room #1, Kneip Building, Church & Illinois Street, Pierre, South Dakota upon the 3rd day of February 1982

at 10 A.M. The Board is authorized to make a determination on this application at the hearing. All interested persons may appear and be heard. Any person who may be affected by a Board decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Board in writing prior to the hearing or orally at the hearing.

This hearing is an adversary proceeding. Any person 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 at the hearing. Decisions of the Board may be appealed to the Circuit Court and the State Supreme Court as provided by law.

Any handicapped person wishing to attend this hearing can contact the Water Rights Division, DWNR, Joe Foss Building, Pierre, SD, prior to the hearing date for assistance to assure access to the hearing.

For the Water Management Board

BETTY WESTLUND, Water Rights Specialist

cc: applicant

WNR-806A-10/81 Notice of Intent to Appropriate Water
GROUNDWATER

No. 4834-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County Hughes ss.

Brendah Jones hereby

certify that the annexed printed copy of Notice of Intent to Appropriate

Water was taken from the Sioux Falls Capital Journal

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

City of Pierre, S.D.

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

12-17-81

12-24-81

Brendah Jones
(Signature)

Bookkeeper
(Title)

12-24-81
(Date Signed)

Cost of Printing: \$26.12

WD-808-7/79

Proof of Publication

Legal notice

No. 5382 21 dly 12-17 & 12-24

No. 4834-3

Publish first publication
on or before January 1, 1982
NOTICE OF HEARING ON
APPLICATION TO
APPROPRIATE WATER

Pierre, South Dakota, 57501

December 11, 1981

Notice is hereby given that
Howard Christensen whose post
office address is 811 N. Mad-
ison, Pierre, South Dakota, has
made an application in accord-
ance with the provisions of
SDCL 46-1-1 thru 46-1-9, 46-1-12
thru 46-1-14; 46-2-9 thru 46-2-11,
46-2-13; 46-5-1 thru 46-5-8, 46-5-10
thru 46-5-22, 46-5-25, 46-5-27,
46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1,
46-6-10, 46-6-13, 46-6-14 and
Board Rules ARSD 52:01:01:01
thru 52:01:01:13, for a permit to
appropriate for beneficial use
no add'l cubic feet of water per
second of time from ground-
water (four wells) through the
Christensen Irr. Project, the
existing point(s) of diversion of
which are located in the lots 12,
13 and 16 and SE 1/4 SW 1/4 of
Section 3, Twp. 112N, Range
76W. Said water to be used for
the purpose of providing iriga-
tion on portions of the following
described land: Section 3 -
T112N - R76W (portions of this
land is covered under existing
water permits) ~~and~~
This Application No. 4834-3
will be considered by the Water
Management Board at Meeting
Room No. 1, Kneip Building,
Church & Illinois Street, Pierre,
South Dakota upon the 3rd day
of February 1982 at 10 A.M. The
Board is authorized to make a
determination on this applica-
tion at the hearing. All interest-
ed persons may appear and be
heard. Any person who may be
affected by a Board decision
who desires to present evidence
or cross-examine witnesses
according to SDCL 1-26 may
notify the Board in writing prior
to the hearing or orally at the
hearing.

This hearing is an adversary
proceeding. Any person 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 at the hearing. De-
cisions of the board may be
appealed to the Circuit Court
and the State Supreme Court as
provided by law.

Any handicapped person
wishing to attend this hearing
can contact the Water Rights
Division, DWNR, Joe Foss
Building, Pierre, SD, prior to
the hearing date for assistance
to assure access to the hearing.
For the Water Management
Board.

BETTY WESTLUND, Water
Rights Specialist
cc: applicant
VNR-806A-10-81 Notice of Intent
to Appropriate Water
GROUNDWATER

RECEIPT

WATER RIGHTS COMMISSION

State of South Dakota

Nº 4 8801

PIERRE, April 12, 1982

RECEIVED OF Howard Christenson, 811 N. Madison, Pierre, SD 57501

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

Fee for Application for Permit to Appropriate Water No. (examination, processing, recording and filing)		
Fee for Inspecting Construction, and issuing Cert. of Construction No. 4834-3	50	00
Fee for Inspecting Beneficial Use, and issuing Water License No. 4834-3		
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/mr

RECEIPT

WATER RIGHTS COMMISSION

No 4 8557

State of South Dakota

PIERRE, November 23, 1981

RECEIVED OF Howard or Marie Christenson, 811 N. Madison, Pierre, SD 57501
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit to Appropriate Water No. 4834-3 (examination, processing, recording and filing) -----	150	00
Fee for Inspecting Construction, and Issuing Cert. of Construction No.-----		
Fee for Inspecting Beneficial Use, and Issuing Water License No.-----		
Fee for Issuing Location Certificate-Dr, 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	150	00

WATER RIGHTS COMMISSION

By (W. A. J. L. A. T. H. R.)
Chief Engineer, Executive Officer
JOHN HALL 7/81

WATER LICENSE NO. 4834-3

(1) WHEREAS, On the 23rd day of November A. D. 19 81

Howard Christensen

made Water Right Application No. 4834-3 for a permit to use 5.14 cubic feet per second of the waters of groundwater (four wells)

County of Hughes, State of South Dakota, for Irrigation

purposes; and

(2) WHEREAS, On the 4th day of February A. D. 19 82

Permit No. 4834-3 with a date of priority of 27, 1962, 1.56 cfs from May 21, 1959, 1.56 cfs from February 27, 1962, 1.56 cfs from October 5, 1971 and .60 cfs from March 18, 1974

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 in force file day of February A. D. 1982 and for the application to beneficial use of said water on or before the day of February A. D. 1982

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 5.14 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 3, T112N, R76W.

<u>Lot 9</u>	<u>2 acres</u>	<u>SW1/4SE1/4</u>	<u>35 acres (DC)</u>
<u>Lot 10</u>	<u>20 acres</u>	<u>TOTAL ACRES</u>	<u>360</u>
<u>Lot 11</u>	<u>38 acres</u>		
<u>Lot 12</u>	<u>10 acres</u>		
<u>Lot 13</u>	<u>13 acres</u>		
<u>Lot 14</u>	<u>37 acres</u>		
<u>Lot 15</u>	<u>34 acres</u>		
<u>Lot 16</u>	<u>40 acres</u>		
<u>NW1/4SW1/4</u>	<u>2 acres (CB)</u>		
<u>NE1/4SW1/4</u>	<u>15 acres (CA)</u>		
<u>SW1/4SW1/4</u>	<u>40 acres (CC)</u>		
<u>SE1/4SW1/4</u>	<u>40 acres (CD)</u>		
<u>NW1/4SE1/4</u>	<u>14 acres (DB)</u>		
<u>NE1/4SE1/4</u>	<u>20 acres (B)</u>		

(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 Howard Christenson

_____ of Pierre, South Dakota
the holder _____ and owner _____ of said permit No. 4834-3 a water right, dating from May 21, 1959, February 27, 1962
October 5, 1971, March 18, 1974 to use of 5.14 cubic feet per second of the waters
of groundwater (four wells)

in the County of Hughes and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at Well #1-N32°56'W, 956 feet (GD); Well #2-N26° 0'W 3830
feet (BC); Well #3-N21°30' 4410 feet (B5); All from S½ corner Sec 3, T112N, R76W, Well #4
N45°0'W 1000 feet (AD) from E½ Corner Sec. 3, T112N, R76W

and conducted to and upon portions of Section 3, T112N, R76W more fully described on the
face of this License

for the purpose of Irrigation

Subject to any limitations listed in Water Right Permit No. 4834-3 and subject to the laws of the State of South Dakota.

WITNESSE, My hand and seal of our office at Pierre, South Dakota
this 2nd day of June A. D.
Nineteen Hundred and Eighty-Two

WATER MANAGEMENT BOARD

By:

John Hatch
Chief Engineer, Executive Officer JOHN HATCH

Permit No. 4834-3

Water Diversion No. 3 Missouri River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, That Howard Christenson

the holder of
Permit No. 4834-3, issued upon Application No. 4834-3, bearing date of priority of May 21, 1959, February 2
October 5, 1971 1962
March 18, 1974 authorizing the diversion of 5.14 cu. ft. per second of the waters of
ground water (four wells) County of Hughes, State of South Dakota at
Well #1-N 32°56'W, 956 feet (CD); Well #2-N26°0'W 3830 feet (BC); Well #3-N21°30'
4410 feet (BB); All from S½ Corner, Section 3, T112N, R76W, Well #4-N45°0'W 1000 feet (AD)
from E½ Corner Sec. 3/ T112N, R76W for Irrigation

purpose, has S 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 6.89 cu. ft. per second of water.

Date June 2, 1982

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division

Permit No. 4834-3Water Division 3 Missouri River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

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

I have this day made a thorough examination of the water use system constructed by Howard Christenson of 811 N Madison, Pierre, S. Dak. 57501 holder of Permit No. 4834-3, bearing date of priority of See Attached Sheet., 19____ authorizing the diversion of 5.14 cu. ft. per second of the waters of four wells. for Irrigation purposes, in Hughes Co. 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 Motor = 215 Elec. 60 HP. 1770 RPM. Pump. Western Land Roller. Ser # 172133, Head 5 M-6-100-H
- Well #2 = 215 Elec. Motor. 10 HP. 1500-1800 RPM. Pump. Western Land Roller. V Belt Drive. Head 6 B-2-100-M.
- Well #3 = Motor 25 HP. 1800 RPM. Pump. Western Land Roller. Head # 6 A-5-10-141/110.
- Well #4. 17 HP submersible pump.

- B. Works used to transport water to place of use,
- 6 in. Aluminum pipe to operate the side roll. 1
- See Aerial Water Right Map for Pipe Sizes and Locations.

- C. Works used to apply water to beneficial use.

Side Roll in SW 1/4 Sec. 3.

Flood - 3 cu. 1750 ft. Tow lines 4" dia Rainbird Sprinklers 30' spacing

Center Pivot. Electrotuator, Minigator Electric Drive.

The system is in the following condition: Good.The point of diversion is located See Attached sheet.The works are capable of diverting and conveying to the place of use 6.59cu. 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:

See Attached Sheet.comprising a total of 360 acres of land.

License for 5.14 cfs.

Well data.

Well #1. Depth 40' est
static 10'
capacity 1000 gpm
pumping 1000 gpm

Well #3 Depth 40' est
static 10'
pumping 700 gpm

Well #4 Depth 40'
static 10'
pumping 700 gpm

Well #2 Depth 40' est
static
pumping 700 gpm

Date September 5, 1979

LeRoy J. Mennig
(Signature)

Howard Christenson
811 N. Madison
Pierre, SD 57501

<u>Land Description</u>	<u>Acres</u>
Lot 9, Sec. 3 T112N R76W	2
Lot 10, " " "	20
Lot 11 " " "	38
Lot 12 " " "	10
Lot 13 " " "	13
Lot 14 " " "	37
Lot 15 " " "	34
Lot 16 " " "	40
NW $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	2
NE $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	15
SW $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	40
SE $\frac{1}{4}$ SW $\frac{1}{4}$ " " "	40
NW $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	14
NE $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	20
SW $\frac{1}{4}$ SE $\frac{1}{4}$ " " "	35
total = 360 acres	

Par. 5 (cont'). Amount of water claimed and priority date:

1.42 cfs	May 21, 1959
1.56 cfs	Feb. 27, 1962
1.56 cfs	Oct. 5, 1971
.60 cfs	Mar. 18, 1974
<u>5.14</u>	

Points of Diversions: Well #1 - N 32° 56' W, 756 ft,
Well #2 - N 26° 0' W 3830 ft; Well #3 N 21° 30' 4410 ft,
All from the S $\frac{1}{4}$ Cor Sec. 3, T112 N R 76 W.
Well #4 = N 43° 0' W 1000 ft from E $\frac{1}{4}$ Cor Sec. 3
T112 N R 76 W.

R 76 W

Long Section. North End in lots

Howard
Christenson
Hughes Co.

1,06 12
10 Ac

lot 11
38 Ac

Lot 10
2.0 Acres

Lot 9
2 Ac

Wet
513

lot 13
13 AC

We
112

Lot 15
34 AC

1. 2. 16
40 Ac

W. H. H. H.

4

20 Ac.

Nov 5th 1896
2. Ac

15-12

114 AC

SW $\frac{1}{4}$ S 14° $\frac{1}{4}$
40 Ac.

SE $\frac{1}{4}$ SW $\frac{1}{4}$
110 Ac

Well $\rightarrow$ 60
11-1 21

514 1/2 5E 1/4
35 AC

336290



Department of Water & Natural Resources

Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501
March 22, 1983

Water Rights Division
605 773-3352

4834-3
Howard Christenson
811 N Madison
Pierre SD 57501

Dear Sir:

Water Permit No. 4834-3 was approved with the qualification that the irrigation questionnaire be submitted each year. To date we have not received the 1982 questionnaire from you.

Please complete the enclosed questionnaire and return to this office. Failure to return the questionnaire is in violation of the conditions under which the permit was approved.

Please advise, if you have any questions.

Very truly yours,

A handwritten signature in cursive script, reading "John Hatch".

JOHN HATCH, Chief Engineer
Water Rights Division

JH:ks
enclosure

**Department of
Water & Natural Resources**

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

March 23, 1987

HOWARD CHRISTENSON
811 N MADISON
PIERRE, SD 57501

NOTICE

Re: Violation of Water Permit No(s). 4834-3

Our records indicate that the 1986 Irrigation Questionnaire has not been received for Permit No(s). 4834-3. 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 permit violation and of hearing(s) before the Board. The hearings(s) will be held to determine action to be taken by the Board for violation of Water Permit No(s). 4834-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

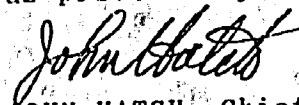
The hearing(s) will be at 2:00 pm, May 6, 1987, Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing(s) 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. Suspend Permit No(s). 4834-3 until either the 1986 Questionnaire is submitted or for a period of up to one 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.


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

NOTE: If the questionnaire(s) is received in this office before the hearing date, you will no longer be in violation of your permit(s) and your name will be deleted from the agenda pertaining to these hearings.

**South Dakota Department of
Water & Natural Resources**

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

April 15, 1987

4834-3

Howard Christenson
811 N Madison
Pierre, SD 57501

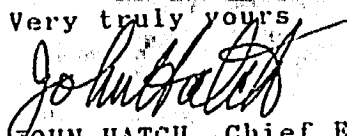
Dear Mr. Christenson:

This will acknowledge receipt of and thank you for the return of your 1986 Irrigation Questionnaire. A notice was sent to you March 23, 1987 regarding the Irrigation Questionnaire submittal violation of Water Permit No. 4834-3 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

**SOUTH DAKOTA Department of
Water & Natural Resources**

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

January 29, 1988

HOWARD CHRISTENSON
811 N MADISON
PIERRE, SD 57501

NOTICE

Re: Violation of Water Permit No(s). 4834-3

Our records indicate that the 1987 Irrigation Questionnaire has not been received for Permit No(s). 4834-3. The request for the Questionnaire was dated October 8, 1987. The Water Management Board has directed that owners of water permits who have not submitted 1987 Irrigation Questionnaires be given notice of permit violation and of hearing(s) before the Board. The hearing(s) will be held to determine action to be taken by the Board for violation of Water Permit No(s). 4834-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

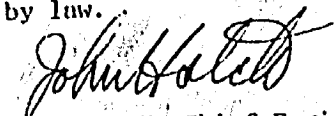
The hearing(s) will be at 9:00 am, March 2, 1988, Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

The hearing(s) 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. Suspend Permit No(s). 4834-3 until either the 1987 Questionnaire is submitted or for a period of up to one 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.


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

NOTE: If the questionnaire(s) is received in this office before the March 2 hearing date, you will no longer be in violation of your permit(s) and your name will be deleted from the agenda pertaining to these hearings.

South Dakota
Department of
Water & Natural Resources

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

February 12, 1988

4834-3

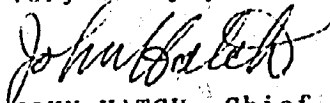
Howard Christenson
811 N Madison
Pierre SD 57501

Dear Mr. Christenson:

I am writing to acknowledge receipt of your 1987 Irrigation Questionnaire(s). A notice was sent to you January 29, 1988 regarding the requirement to submit the Irrigation Questionnaire(s) for Water Permit No. 4834-3 and the hearing date before the Water Management Board.

Since your questionnaire was received prior to the March 2, 1988 Water Management Board Meeting, your name has been deleted from the Board Meeting agenda. If you have any questions, please contact us.

Very truly yours,



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

**South Dakota Department of
Water & Natural Resources**

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

February 8, 1989

HOWARD CHRISTENSON
811 N MADISON
PIERRE, SD 57501

NOTICE

RE: Violation of Water Permit No(s) 4834-3

Our records indicate that the 1988 Irrigation Questionnaire has not been submitted for Permit No(s). 4834-3. The request for the Questionnaire was dated October 26, 1988. The Water Management Board had directed that owners of water permits who have not submitted the 1988 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing will be held to determine action to be taken by the Board for violation of Water Permit No(s). 4834-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 9:45 am, March 1, 1989 at the Howard Johnson's, Roosevelt Room, I-90 at LaCrosse, Rapid City SD.

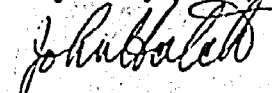
The hearing will be conducted pursuant to the provisions of SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to procedures contained in SDCL 1-26. Following the hearing, the Water Management Board can:

1. Suspend Permit No(s). 4834-3 until the 1988 Irrigation Water Use Questionnaire is submitted or for a period of up to one year;
2. Postpone any action;
3. Take no action.

The hearing 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.

If the questionnaire is received in this office before the March 1st hearing date, you will no longer be in violation of your permit and your name will be deleted from the agenda for the hearing.

Very truly yours,



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



4834-3

Water Resources

Joe Lee Bldg

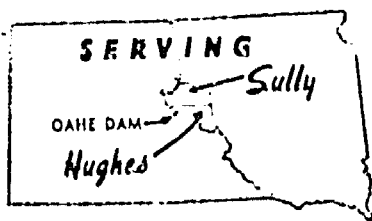


As I have stated our year means not
equipped to count the ac. loss tract of
the amount of gallons as has jumped
NFA in summer month not you go
I then it comes back on and you
cannot, but when.

Last year we matured 15 ac of alfalfa
and 40 acres of corn. Attached is the
NFA and amount paid.

I hope this is satisfactory.

Laurie Christensen



OAHE ELECTRIC CO-OPERATIVE, INC.

Box 216

BLUNT, SOUTH DAKOTA 57522

Phone (605) 962-6243

February 10, 1989

Howard Christenson
905 Preston Box 16C
Pierre, SD 57501

Dear Howard:

Your 1988 Irrigation KWH usage and Amount paid is as follows:

ACCOUNT 286900

	KWH	AMOUNT PAID
May	349	\$ 48.50
June	-0-	-0-
July	1334	99.23
August	2726	255.48
September	1161	89.08
Total	5570	\$ 492.29

ACCOUNT 286901

	KWH	AMOUNT PAID
June	1331	\$ 170.54
July	6815	423.03
August	6450	357.30
Sept.	3943	273.61
Total	18,539	\$1,224.48

TOTAL COMBINED KWH: 24,109

1988 AMOUNT PAID \$1,716.77

Sincerely,

OAHE ELECTRIC COOPERATIVE, INC.

Kathie Goe
Kathie Goe
Cashier





Department of Water & Natural Resources

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

February 23, 1989

4834-3

Howard Christensen
811 N Madison
Pierre, SD 57501

Dear Mr. Christensen:

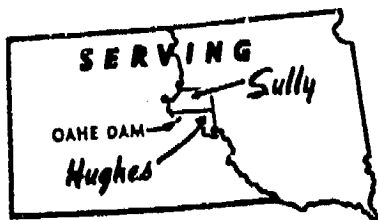
I am writing to acknowledge receipt of your 1988 irrigation questionnaire for Water Permit No. 4834-3. You may disregard the February 8, 1989, Notice of failure to submit the 1988 irrigation questionnaire. With receipt of the questionnaire your name has been deleted from the March Water Management Board meeting agenda.

If you have any questions, please contact Genny McMath, at (605) 773-3352.

Very truly yours,

JOHN HATCH, Chief Engineer
Water Rights Division





OAHE ELECTRIC CO-OPERATIVE, INC.

Box 216
BLUNT, SOUTH DAKOTA 57522

Phone (605) 962-6243



December 8, 1989

Howard Christenson
905 Preston Box 16C
Pierre, SD 57501

Dear Howard

Your four accounts for the 1989 Irrigation season for usage, hours and amount paid is as follows:

Account #286900
Location 35 03 02
Meter #3189

Usage 2002 Horse power 25
Hours 79
Amt. Pd. \$193.72

Account #286901
Location 35 03 77
Meter #3123

Usage 7399 Horse power 24
Hours 177
Amt. Pd. \$553.41

Account #286902
Location 35 03 51
Meter #3241

Usage 532 Horse power 10
Hours 113
Amt. Pd. \$ 45.49

Account #286903
Location 35 03 76
Meter #2938

Usage -0- Horse power 60
Hours -0-
Amt. Pd. \$ -0-

If you have any further questions, please call the office.

Sincerely,

OAHE ELECTRIC COOPERATIVE, INC.

Kathie Goc

Kathie Goc
Cashier

48.34-3

11-13-94

I have moved temporary to Texas to
stay with my brother. My farm was
rented to Larry Christensen & Don Surt
you will have to send them this you

Howard Christensen



Larry Christensen,
19671 311 Avenue
Blount SD 57522

224-2808



4834-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

June 21, 1995

4834-3

Larry Christenson
19671 311th Avenue
Blunt, SD 57522

Dear Mr. Christenson:

I am contacting you as a follow-up to our June 20th telephone conversation. Thank you again for taking the time to visit with me about irrigation done in 1994 under Water Right No. 4834-3. I appreciate your comments and understand your concerns.

I am enclosing an "example" of the yearly irrigation questionnaire mailed to South Dakota irrigators. It will give you some idea on the type of records you will need to keep to complete the form. You do not need to return the example copy. I am sending it for informational purposes only. The actual form for reporting water use is mailed in October each year.

I am also enclosing a copy of Water Right No. 4834-3. You may keep this for your records. As I indicated on the phone, I am making a notation in the file to mail correspondence concerning the water right to you as the operator. This does not change ownership of the water right, it merely allows us to mail the annual irrigation questionnaires to an address other than the owner's.

If you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Division
(605) 773-3352

enclosure



January 30, 1996

NOTICE

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

 JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

TO: LARRY CHRISTENSON, OPERATOR, 19671 311 AVENUE, BLUNT, SD 57522

FROM: Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program

SUBJECT: Violation of Water Permit No(s) 4834-3.

Our records indicate that the 1995 Irrigation Questionnaire has not been submitted for Permit No(s) 4834-3. The request for the Questionnaire was dated October 20, 1995. The Water Management Board has directed that owners of water permits who have not submitted the 1995 Irrigation Questionnaire be given notice of permit violation and a hearing to be held by the Board. The hearing held by the Board will determine the action to be taken for violation of Water Permit No(s) 4834-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 9:45 am, March 6, 1996 in the Floyd Matthew Training Center, Joe Foss Building 523 E Capitol, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4834-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing 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.

If the questionnaire(s) is(are) received in this office on/or before March 1, 1996, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

completed on the reverse side?

SENDER:

- Complete Items 1 and/or 2 for additional services.
- Complete Items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1. ☐ Addressee's Address
- 2. ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

LARRY CHRISTENSON, OPERATOR
19671 311 AVENUE
BLUNT SD 57522

4a. Article Number

2 161 984 025

4b. Service Type

- ☐ Registered
- ☐ Express Mail
- ☐ Return Receipt for Merchandise
- ☒ Certified
- ☐ Insured
- ☐ COD

7. Date of Delivery

2/2/96

8. Addressee's Address (Only if requested and fee is paid)

5. Received By: (Print Name)

Larry Christenson

6. Signature: (Addressee or Agent)

Larry Christenson

PS Form 3810, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181

February 5, 1996

4834-3

Larry Christenson
19671 311th Ave
Blunt, SD 57522

Dear Mr. Christenson:

I am writing to acknowledge receipt of your 1995 irrigation questionnaire. You may disregard the January 30, 1996, Notice of Violation of Water Permit No. 4834-3.

I completed a questionnaire for you based on our February 5th telephone conversation. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

Thank you for calling and if you have any questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Division
(605) 773-3352

1997 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE
PLEASE FILL OUT AND RETURN BEFORE DECEMBER 1, 1997

4834-3 LARRY CHRISTENSON, OPERATOR 19671 311 AVE BLUNT SD 57522	CHANGES TO ADDRESS LABEL, IF ANY: Telephone No. <u>605-962-6456</u>
--	--

COMPLETE AND RETURN THIS FORM TO THE WATER RIGHTS PROGRAM AT 523 E CAPITOL, PIERRE, SD 57501-3181 (605) 773-3352

HAS SYSTEM BEEN CONSTRUCTED? YES _____ NO _____

DID YOU IRRIGATE IN 1997? YES _____ NO X IF YES, NUMBER OF ACRES IRRIGATED _____

SOURCE OF WATER _____

DID YOU CHEMIGATE IN 1997? YES _____ NO X

TYPE OF SYSTEM (CHECK ALL THAT APPLY):

CENTER PIVOTS ✓ TOWNLINES ✓ BIG GUN _____

FLOOD ✓ SPRINKLERS _____ OTHER _____



COMMENT SECTION:

All electricity to irrigations wells have been disconnected - we do not plan on irrigating

THE PORTION OF THE FORM FOR REPORTING ACRES IRRIGATED IS ON THE BACK OF THIS PAGE. LISTED BELOW ARE TWO EXAMPLES OF HOW TO COMPLETE THE FORM:

EXAMPLE 1: IN JUNE & JULY, 130 ACRES WERE IRRIGATED USING A PIVOT SYSTEM (70 ACRES OF CORN & 60 ACRES OF ALFALFA). THE PUMP RATE OF THE PIVOT IS 800 GALLONS PER MINUTE AND YOU PUMPED 8 DAYS (@ 24 HOURS PER DAY) ON THE CORN AND 22 DAYS ON THE ALFALFA:

MONTH	CROP	ACRES	PUMP RATE	# DAYS	AVE/HRS DAY
JUNE	CORN	70	800 GPM	8	24
	ALFALFA	60	800 GPM	10	24
JULY	ALFALFA	60	800 GPM	12	24

EXAMPLE 2: IN JUNE, 40 ACRES OF ALFALFA WERE IRRIGATED (USING GATED PIPE @ 3000 GPM) FOR 5 DAYS - 24 HOURS PER DAY; 60 ACRES OF BEANS WERE IRRIGATED (USING BIG GUN @ 380 GPM) FOR 10 DAYS AT 24 HOURS PER DAY:

JUNE	ALFALFA	40	3000 GPM	5	24
	BEANS	60	380 GPM	10	24

PLEASE SPECIFY IF ACTUAL IRRIGATION HOURS OR KILOWATT HOURS ARE BEING REPORTED. FOR KILOWATT HOURS, INCLUDE DEPTH TO WATER & SYSTEM PRESSURE IN COMMENT SECTION.



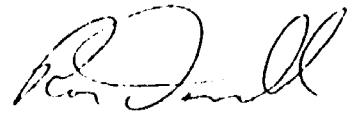
**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

April 1, 1998

NOTICE OF CANCELLATION

TO: Howard Christenson, % Larry Christenson, 19671 311th Ave., Blunt, SD 57522

FROM: Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program 

SUBJECT: Cancellation of Water Right No. 4834-3

On your 1997 irrigation questionnaire, you indicated that all electricity to the irrigation wells had been disconnected and you no longer intend to irrigate. Based on this information, the Chief Engineer of the Water Rights Program is recommending cancellation of Water Right No. 4834-3 due to abandonment and/or forfeiture.

The Water Management Board will consider cancellation of Water Right No. 4834-3 at 10:00 am, May 6, 1998, in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre, SD.

The recommendation of the Chief Engineer is not final or binding upon the Board. The Board is authorized to 1) cancel, 2) cancel portions of, 3) delay action on, or 4) take no action on Water Right No. 4834-3 based upon facts presented at the public hearing. Our records show you to be the owner of property covered by this water right. If you wish to oppose the cancellation and if you intend to participate in the hearing before the Board and present evidence or cross-examine witnesses according to SDCL 1-26, you must file a written petition with the Chief Engineer by April 24, 1998. The petition may be informal, but it must include a statement describing the reasons for your opposition to the cancellation, and your signature and mailing address or your legal counsel if legal counsel is obtained. The Board may consider any abandoned or forfeited water to be available for appropriation subject to the provisions of SDCL 46-1, 46-2, 46-2A and 46-5.

The hearing(s) will be conducted pursuant to the provisions of SDCL 46-1-1 thru 46-1-10, 46-1-14 thru 46-1-15; 46-2-3.1, 46-2-9, 46-2-11, 46-2-17; 46-5-36, 46-5-37, 46-5-37.1; 46-2A-1 thru 46-2A-7; and Board Rules ARSD 74:02:01:36 thru 74:02:01:41. These are contested cases pursuant to procedures contained in SDCL 1-26.

(continued)

April 1, 1998
Howard/Larry Christenson
Page 2

These hearings are adversary proceedings. Any party 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 State Supreme Court as provided by law.

The time of the hearing will be automatically extended for at least twenty days upon your written request to the Chief Engineer after a petition has been filed to oppose the cancellation. If an extension is requested, the hearing on the cancellation will be continued until the next regular Board Meeting. Any request for extension must be filed with the Chief Engineer by April 24, 1998.

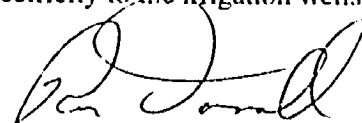
Prior to April 24, 1998, contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) if assistance is needed with the following: 1) further information on the proposed cancellation; 2) to assure access to the meeting room for the handicapped; or 3) to obtain an interpreter for the hearing impaired.

Please note: Cancellation of the water permit/right does not prohibit a new application for this project in the future.

**RECOMMENDATION OF CHIEF ENGINEER
FOR WATER RIGHT NO. 4834-3, HOWARD CHRISTENSON**

Pursuant to SDCL 46-2A-2 and 46-5-37.1, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Environment and Natural Resources concerning Water Right No. 4834-3.

The Chief Engineer is recommending cancellation of the above Water Right due to abandonment and/or forfeiture. The 1997 irrigation questionnaire submitted by Larry Christenson, notified the program that they had discontinued electricity to the irrigation wells and no longer intend to irrigate.

A handwritten signature in black ink, appearing to read "Ron Duvall", is written over the typed name.

RON DUVALL, Natural Resources Engineer
for JOHN HATCH, Chief Engineer
April 1, 1998

19671 311 Ave
Blunt, SD 57522
April 6, 1997

John Hatch, Chief Engineer
Water Rights Program
Department of Environment
and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181



Dear Mr. Hatch:

I received your Notice of Cancellation of Water Right No 4834-3 - Howard Christenson % Larry Christenson.

There is a misunderstanding.

I personally will not be irrigating but we have rented the farm land out and -

Yes the electricity to the irrigation well on the northwest quarter of the property has been removed - due to an ice storm several years ago - the cost to restore was astronomical. However, we can irrigate with a diesel engine - which the person renting the land this year wants to do.

The electricity to the pivot on the northeast quarter is hooked up and can be used. Again the person renting the land plans to use the pivot if it is a dry year.

Please reconsider and take this permit off of the list to be canceled, we do need to keep Water Right No. 4834-3. It does make renting the land a lot more feasible especially in a dry year.

Sincerely,

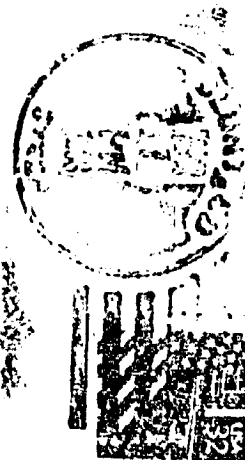
Larry Christenson

4834-3

L. Christenson
19671 311 Ave
Blunt, SD 57522



Department of Environment and Natural Resources
Joe Foss Building
523 East Capitol
Pierre, SD 57501-3181



ATT: John Hatch

4834-3



**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

April 8, 1998

4834-3

Howard Christenson
% Larry Christenson
19671 311th Ave.
Blunt, SD 57522

Dear Mr. Christenson:

Thank you for your letter of April 6, 1998, notifying us that you still intend to irrigate under Water Right No. 4834-3. Cancellation consideration of Water Right No. 4834-3 has been removed from the agenda and will not be considered by the Water Management Board.

As our original "Notice" indicated, the cancellation consideration was scheduled based on your comment on the 1997 irrigation questionnaire which stated *"all electricity to the irrigation wells has been disconnected and we do not plan on irrigating."* We took this comment to mean you intended to abandon your water right. Your letter of April 6th will be placed in your water right file as clarification for the 1997 irrigation questionnaire. I apologize for misinterpreting your intentions.

You also indicated in your letter that the land has been rented and the renter plans to use the pivot if it is a dry year. Please keep in mind that water use is a requirement for maintaining a water right. Under South Dakota Water Law, a water right holder must beneficially use all or any part of the water for the purpose it was appropriated, at least once every three years or the water reverts to the public and is regarded as unappropriated public water.

The Water Management Board rules provide that if legal excuse exists for nonuse of water, the permit is not subject to forfeiture. Legal excuses for nonuse of water include, but are not limited to the following: 1) unavailability of water to satisfy a permit or right; 2) legal proceedings which prevent the use of water and 3) water use under existing climatic conditions would result in a waste of water.

The 1998 irrigation questionnaire for Water Right No. 4834-3 will be mailed to you in October. If you would like the questionnaire to be directed to your renter, please contact Ginny McMath, with our program, at (605) 773-3352.

Sincerely,

Ron Duvall, Natural Resources Engineer
for John Hatch, Chief Engineer
Water Rights Program
(605) 773-3352



4834-3
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

January 14, 2000

NOTICE

TO: LARRY CHRISTENSON, OPERATOR, 19671 311 AVE, BLUNT, SD 57522
FROM: Ron Duvall, Natural Resources Engineer
for Garland Erbele, Chief Engineer
Water Rights Program

SUBJECT: Reporting Requirement for 1999 Irrigation Questionnaire(s)

Our records indicate that the 1999 Irrigation Questionnaire(s) has not been submitted for Permit No(s) 4834-3. The request for the Questionnaire was dated October 7, 1999. The Water Management Board has directed that owners of water permits who have not submitted the 1999 Irrigation Questionnaire(s) be given notice of permit violation and a hearing to be held by the Board. The hearing is to determine what action is to be taken for violation of Water Permit No(s) 4834-3 qualification:

"This permit is approved subject to the Irrigation Water Use Questionnaire being submitted each year."

The hearing will be held at 1:30 pm, March 1, 2000 in the Floyd Matthew Training Center, Joe Foss Building, 523 E Capitol, Pierre, SD, and will be conducted pursuant to SDCL 46-1-12, 46-1-14, 46-2-9, 46-2-11 and 46-2-17. These are contested case hearings pursuant to Chapter 1-26. According to SDCL 46-1-12, the Board may suspend a permit for a period of up to one year for the first violation of a permit qualification or up to three years for a second violation, or cancel a permit for a third violation. Following the hearing, the Water Management Board can:

1. Suspend or cancel Permit No(s) 4834-3 in accordance with applicable provisions of SDCL 46-1-12;
2. Postpone any action; or
3. Take no action.

The hearing 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.

If the questionnaire(s) is(are) received in this office on/er before February 28, 2000, you will no longer be in violation of your permit and your name will be deleted from the Board agenda. If you have questions or need assistance in completion of the irrigation questionnaire(s), please contact Genny McMath at (605) 773-3352.

NOTE: Please contact the Water Rights Program, Joe Foss Building, 523 E Capitol, Pierre, SD (605-773-3352) to assure access to the meeting room for the handicapped or to obtain an interpreter for the hearing impaired.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LARRY CHRISTENSON, OPERATOR
19671 311 AVE
BLUNT SD 57522

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

Larry Christenson 1-15

C. Signature ☐ Agent

X Larry Christenson ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below: ☒ No

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy from service label)

2 227 670 440

PS Form 3811, July 1999

Domestic Return Receipt

102595-99 M-1789

1999 WATER MANAGEMENT BOARD IRRIGATION QUESTIONNAIRE
PLEASE FILL OUT AND RETURN BEFORE DECEMBER 1, 1999

4834-3
 LARRY CHRISTENSON, OPERATOR
 19671 311 AVE
 BLUNT SD 57522

CHANGES TO ADDRESS LABEL, IF ANY:

Telephone No. 605-962-6456

COMPLETE AND RETURN THIS FORM TO THE WATER RIGHTS PROGRAM AT 523 E CAPITOL, PIERRE, SD 57501-3181 (605) 773-3352

IS SYSTEM CONSTRUCTED? YES X NO DID YOU IRRIGATE IN 1999? *YES *NO X

* IF YES, NUMBER OF ACRES IRRIGATED *IF NO, LIST REASON(S) IN COMMENT SECTION

IS LAND ENROLLED IN CRP? YES NO X IF YES, THROUGH WHAT YEAR?

DID YOU APPLY CHEMICALS OR FERTILIZER THROUGH THE SYSTEM IN 1999? YES NO X

SOURCE OF WATER

TYPE OF SYSTEM (CHECK ALL THAT APPLY):

CENTER PIVOTS TOWNLINES BIG GUN

FLOOD SPRINKLERS OTHER

COMMENT SECTION: *The wells on this farm will no longer be used for irrigation.*

THE PORTION OF THE FORM FOR REPORTING ACRES IRRIGATED IS ON THE BACK OF THIS PAGE.
 LISTED BELOW ARE TWO EXAMPLES OF HOW TO COMPLETE THE FORM:

EXAMPLE 1: IN JUNE & JULY, 130 ACRES WERE IRRIGATED USING A PIVOT SYSTEM (70 ACRES OF CORN & 60 ACRES OF ALFALFA). THE PUMP RATE OF THE PIVOT IS 800 GALLONS PER MINUTE AND YOU PUMPED 8 DAYS (@ 24 HOURS PER DAY) ON THE CORN AND 22 DAYS ON THE ALFALFA:

MONTH	CROP	ACRES	PUMP RATE	# DAYS	AVE/HRS DAY
JUNE	CORN	70	800 GPM	8	24
	ALFALFA	60	800 GPM	10	24
JULY					
	ALFALFA	60	800 GPM	12	24

EXAMPLE 2: IN JUNE, 40 ACRES OF ALFALFA WERE IRRIGATED (USING GATED PIPE @ 3000 GPM) FOR 5 DAYS - 24 HOURS PER DAY; 60 ACRES OF BEANS WERE IRRIGATED (USING BIG GUN @ 380 GPM) FOR 10 DAYS AT 24 HOURS PER DAY:

JUNE	ALFALFA	40	3000 GPM	5	24
	BEANS	60	380 GPM	10	24

PLEASE SPECIFY IF ACTUAL IRRIGATION HOURS OR KILOWATT HOURS ARE BEING REPORTED. FOR KILOWATT HOURS, INCLUDE DEPTH TO WATER & SYSTEM PRESSURE IN COMMENT SECTION.

Water Right No. 4834-3 for Howard Christenson, authorizes diversion of 5.14 cubic feet of water per second from four wells to irrigate 360 acres in portions of Section 3, T112N, R76W.

Questions to answer:

1. The current landowner is (name and mailing address): Larry Christenson
19671 311 Ave
Blunt, SD 57522

2. Is any of the acreage being irrigated? Yes _____ No X

3. Will the wells be used for domestic purposes? Yes X No _____
(If the wells will not be used at all, they must be plugged or if not abandoned may be capped to prevent contamination of the aquifer.)

4. Do you intend to maintain the water right? *Yes X **No _____

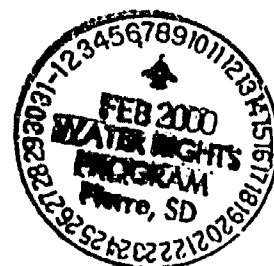
*If "yes", please explain wells will be used to water
cattle

** A "no" answer means your intent is to abandon the water right. If this is the case, we will proceed with scheduling the water right for cancellation consideration.

Larry Christenson
Signature

1-5-2000
date

Upon completion, please return this form to:
Genny McMath
Water Rights Program
523 E Capitol
Pierre, SD 57501





DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3181
www.state.sd.us/denr

February 2, 2000

4834-3

Larry Christenson
19671 311 Ave
Blunt, SD 57522

Dear Mr. Christenson:

I am writing to acknowledge receipt of your 1999 irrigation questionnaire. You may disregard the January 14, 2000, "Notice" concerning reporting requirements for Water Right No. 4834-3. The information was received in our office prior to the Water Management Board meeting and your name has been deleted from the agenda.

On your questionnaire, you indicate the wells will no longer be used for irrigation purposes. Water must be placed to beneficial use at least once every three years in order to maintain the water right. This three-year period may be waived if legal excuse exists for not irrigating. Legal excuse as defined in Water Management Board Rules includes, but is not limited to, the following: 1) unavailability of water to satisfy a permit or right; 2) legal proceedings which prevent the use of water; or 3) water use under existing climatic conditions would result in a waste of water.

Our records show that the land was last irrigated in 1994. If the wells will no longer be used for irrigation purposes, the water right would be subject to cancellation due to abandonment and/or forfeiture. If the water right is cancelled, you may still use the wells at a rate of up to 18 gallons per minute for domestic purposes such as household or livestock watering.

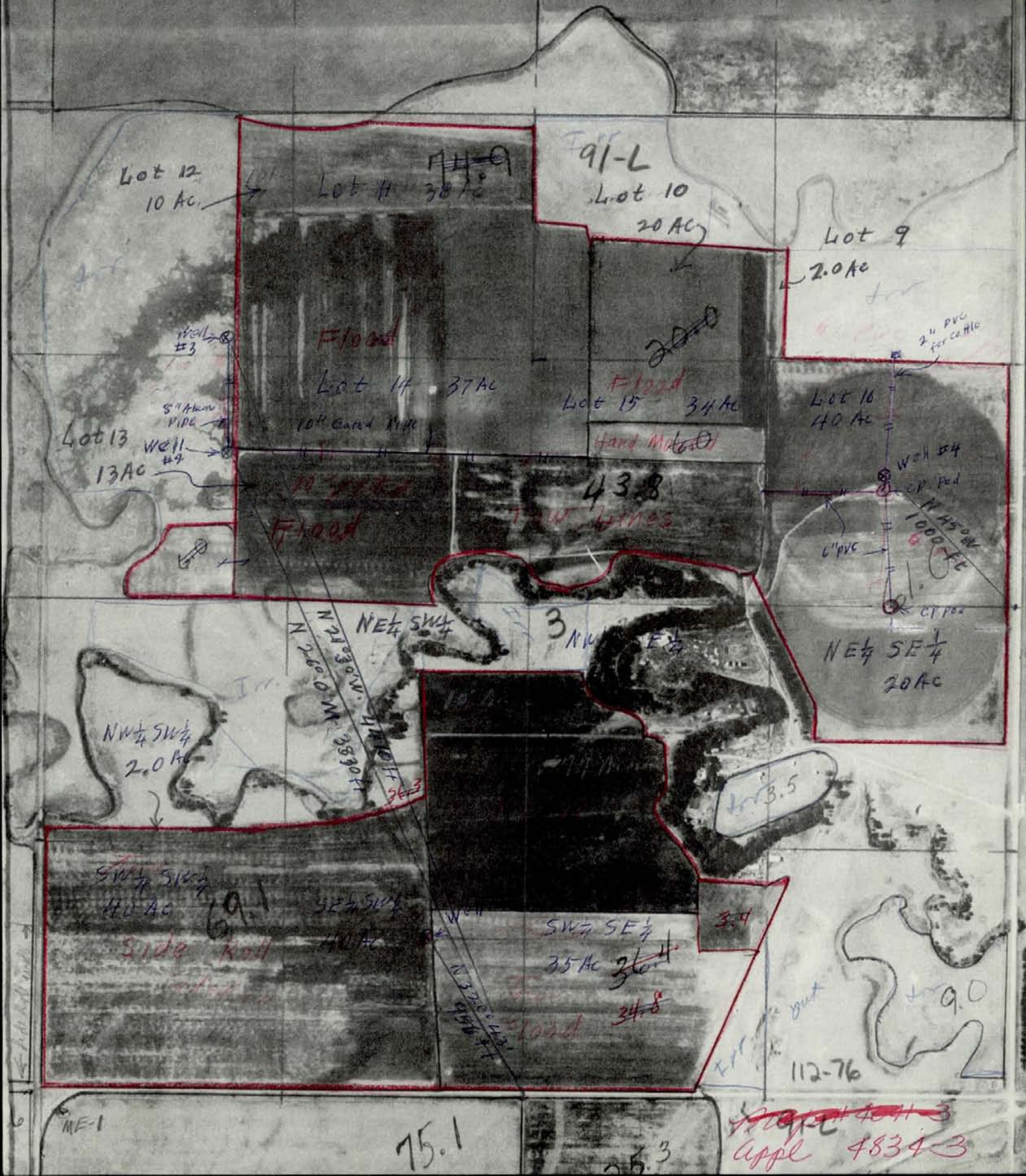
Prior to doing anything with the water right, we will need to clarify some issues regarding ownership, use of water from the wells and your intent towards maintaining the water right. Please take a few minutes and complete the attached sheet. I have enclosed a postage paid envelope for your convenience in returning the form. Thank you in advance for your help.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352

ABOVE 3-112-76 136.1
Howard Christenson

Howard Christenson



R 76 W

Long Section. North End in Lots

Howard
Christenson
Hughes Co.

Lot 12
10 Ac

Lot 11
38 Ac

Lot 10
20 Ac

Lot 9
2 Ac

Well #3

Lot 13
13 Ac

Well #2

Lot 14
37 Ac

Lot 15
34 Ac

Lot 16
40 Ac

Well #4

South Dakota
Copied At Site Expense

N 03° 12' E
1000 ft
N 03° 12' E
1000 ft
N 03° 12' E
1000 ft

NE $\frac{1}{4}$ SE $\frac{1}{4}$
20 Ac.

NW $\frac{1}{4}$ SW $\frac{1}{4}$
2. Ac

NE $\frac{1}{4}$ SW $\frac{1}{4}$
15 Ac

14 Ac

NW $\frac{1}{4}$ SE $\frac{1}{4}$

SW $\frac{1}{4}$ SW $\frac{1}{4}$
40 Ac.

SE $\frac{1}{4}$ SW $\frac{1}{4}$
40 Ac

Well #1

SW $\frac{1}{4}$ SE $\frac{1}{4}$
35 Ac

N 32° 56' E
1000 ft
N 32° 56' E
1000 ft
N 32° 56' E
1000 ft

Cross Hatched Area. Not Covered under Permits 413-3, 967-3, 1289-3 + 2067-3

~~Map #10413~~ Appl 4834-3

T 112 N