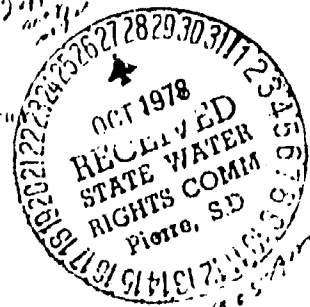


4340-3

1. Considered JANUARY 31 1979
2. Name of Applicant ELMER CHRISTIANSON
3. Post Office Address COLUMBIA, SD 3-126-63
4. Amount of Water claimed 2.2
5. Source of Water supply 100' WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 152
7. Water to be diverted and use in BROWN County
about 4 1/2 E, 2 N miles of BARNARD
8. Proof of Publication
Received not 1-10-79
Not Received _____
9. Application
Approved _____
Subject to _____
Not Approved _____
Action Referred _____
10. Remarks:

Map No. 3545-3 Water Division No. 3 JAMES RIVER District
(Blanks to be filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriately Water within the State of South Dakota

(NOTE: Draw a line through items not applicable)

1. Name of Applicant Elmer Christensen
 Postoffice address Columbia State SO. DAK.
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) CONTRACT
3. Name of diversion work NEW NAME PROJECT #1
4. Amount of water claimed (cubic feet per second) 2.2
5. Source of water supply Well
6. Location of point of diversion CENTER OF NW 1/4 OF SEC 3
126-63
 County BROWN
7. Annual period or periods during which water is to be used April - Oct
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 152

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.
NW 1/4 of NW 1/4 Sec 3	38		
NE 1/4 of NW 1/4 Sec 3	38		
SE 1/4 of NW 1/4 Sec 3	38		
SW 1/4 of NW 1/4 Sec 3	38		

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 5 years. Additional time required to complete application of water to the proposed beneficial use 3 years.
11. Choice of newspaper for Notice of Intent to Appropriately Water publication Aberdeen American News
12. Principal Features of the Proposed Water Supply System.

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

Diesel or Electric Pump

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

PVC Pipe

C. Works proposed to apply water to beneficial use.

Center PivotEstimated Total Cost \$ 50000

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 BROWNI, Elmer Christensen, 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.Subscribed and sworn to before me this 18 day of Oct 19 78

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Resources Commission hereby approves Water Right Application No. 4340-3

ELMER CHRISTIANSON
(Applicant)

COLUMBIA
(Post Office Address)

SOUTH DAKOTA 57433
(State)

With the following modifications

The irrigation well approved under this Permit will be located near domestic wells and other irrigation wells which may obtain water from the same aquifer. The irrigation well owner, under this Permit, shall control his irrigation withdrawals so there is not a reduction of needed water supplies in adequate domestic wells or in irrigation wells having prior water rights.

Date of first receipt of application OCTOBER 27 19 78

Date of return to applicant for correction, amendments or changes required OCTOBER 27 19 78

Date of receipt of corrected application OCTOBER 31 19 78

Approved FEBRUARY 1 19 79 Recorded in Book 20 Page 171

WATER RIGHT PERMIT NO. 4340-3

The Water Resources Commission hereby grants and issues this Water Right Permit No. 4340-3 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 OCTOBER 27 19 78
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JULY 31 19 81
3. The whole of said work is to be completed on or before FEBRUARY 1 19 84
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is FEBRUARY 1 19 87
5. The water appropriated shall be used for the purpose of IRRIGATION

6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.

7. The amount of the appropriation herein granted shall not exceed 2.2 cubic feet per second, neither shall it exceed the capacity of the above described water supply system, nor shall it exceed the amount of water needed for beneficial uses served, and if for the irrigation purposes said appropriation must be limited to not more than 3 acre feet per acre per year and be limited to not more than one-seventieth (1/70) of one cubic foot of water per second of time for each acre of land to which water is actually and beneficially applied for irrigation on or before FEBRUARY 1 19 87 said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 26th day of FEBRUARY 19 79

WATER RESOURCES COMMISSION

By:

John K. Kall
Chief Engineer, Executive Officer

Certificate of Construction Issued _____ 19 _____

Water License Issued _____ 19 _____

**IRRIGATION-TESTING-DRILLED-STOCK AND DOMESTIC
BORED WELLS** Ph. 854-3744

Name Edward J. Phillips
Location 1-126-83
Township 12-12-12
Section 3 - North

3.			
		6	

Data

Top soil	0 - 1"
Yellow clay	1" - 20"
Blue clay	20" - 50"
Sandy M. clay	50" - 79"
Dark brown clay	79" - 100"
Blue clay	100" - 120"

Test hole No. 2

Data

[illegible]

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 17", Depth 100'
 (2) Casing, Type Steel (wood, concrete, steel, etc) Diameter 14" Thickness 3/8"
 (3) Perforated Screen
 Type Johnson Wire Wrap Diameter 14" Length 20'
 (4) Gravel Pack, Thickness 3" Length of gravel pack full length

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 _____

ATTACHED

Depth to top of water bearing material 52

Depth to bottom of water bearing material 100

Thickness of water bearing material 48

Depth to water (ground surface to water level) 25'

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

On same owner's property 500' On property owned by others 1800'

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.

Edmund Christensen
 Signature of Applicant

of applications

STATE CONSERVATION COMMISSION
SOUTH DAKOTA DEPARTMENT OF AGRICULTURE

100' 40 p 11

COUNTY Brown

This action must be taken by the holder of a water right within 6 months of receipt of such water right.

1. WELL LOCATION OR DIVERSION POINT Center of NW 1/4 of Sec. 3 126-63
2. LOCATION OF AREA TO BE IRRIGATED All of NW 1/4 1/4 of Sec. 3 126-63

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
OTHER (SPECIFY) _____

4. CROPS TO BE IRRIGATED Corn Alfalfa Small Grain

5. SAMPLE NUMBER 78-969
6. SALINITY (EC X 10³) 1010 (conductivity high)
7. SODIUM (SAR) 1.04 = 2.72 adjusted for bicarbonate
8. RESIDUAL SODIUM CARBONATE (meg/1.) 0

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

(TITLE OR SEAL)

Albert L. Hoffman

 APPLICANT'S SIGNATURE
Albert L. Hoffman

 _____ Approved _____
 _____ Disapproved _____
 _____ Conditionally Approved _____

(SOILS INFORMATION ON REVERSE SIDE)

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

Submitted by: James Christensen
 Address: 6010 1st, SD 57433

Date Rec'd: October 12, 1973
 Sample No. 73-369
 Identification 011-75
N.W., Sec. 3, T. 126N, R. 63.

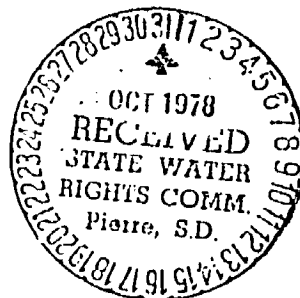
WATER ANALYSIS

Calcium (Ca)	136	ppm*	6.30	me/l**
Magnesium (Mg)	24	ppm	1.97	me/l
Sodium (Na)	50	ppm	2.18	me/l
Potassium (K)	6	ppm	0.16	me/l
Sulfate (SO ₄)	172	ppm	3.58	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	4	ppm	0.11	me/l
Bicarbonate (HCO ₃)	444	ppm	7.28	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		g.p.g.***
Hardness (EDTA as CaCO ₃)		ppm		
Alkalinity (Methyl Orange)	364	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1010	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	1.04	Adjusted SAR	2.72	
Sodium	19.62	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.22			

Others:
 *ppm=parts per million
 **me/l=millequivalents per liter

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

COMMENTS: Total cations 11.11 me/l
 Total anions 10.97 me/l



By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	15.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 73-369

Amount Enclosed \$

Signed

REC-1000/FORM
6/77

Approved
NW-3-126-63

SOUTH DAKOTA DEPARTMENT OF AGRICULTURE
DIVISION OF CONSERVATION

(RECOMMENDED MANAGEMENT)

NAME OF APPLICANT Elmer Chrisitianson

RECOMMENDED MANAGEMENT:

1. Water should not be applied more than 1, 2, 3, 4, 5, times during the irrigation season.
2. Each uninterrupted application (one rotation of center pivot) should be of at least 1, 2, 3, 4, inches of water.
3. ☒ Yes ☐ No Surface drainage suggested - see below
4. ☐ Yes ☐ No Subsurface drainage suggested
5. ☒ Yes ☐ No Specific land areas that should be avoided-see below

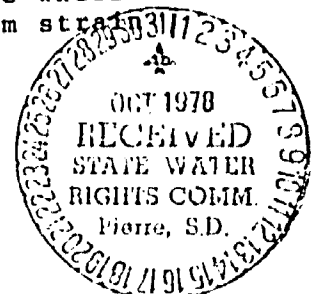
6. ☐ Deep tillage (For the purpose of aiding movement of water through dense subsoils)

7. ☐ Heavy fall application of irrigation water

Either draining or filling the wet spot areas or depressions would seem the easiest way, if topography and slopes are such that this is possible.

If surface drainage is not possible, concentration of the wet spots works in some instances. Actual lowering of a small area and hauling that dirt to the shallower part of the depression or to the wheel tracks of your pivot should 1.) help your pivot system from straddle and 2.) give you some more acres that will produce well.

Copy to Applicant - 1
Copies to Water Rights - 2
Copy to File - 1



RECEIPT

WATER RIGHTS COMMISSION

N^o 4 6564

State of South Dakota

November 1

78

PIERRE,

19

RECEIVED OF Elmer Christianson, Columbia SD

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)	250	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-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	250	00

WATER RIGHTS COMMISSION

By John Hatch
Chief Engineer, Executive Officer

JOHN HATCH

kiw

No. 4339-3

Publish first publication, on or before December 29, 1978

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

November 29, 1973

Notice is hereby given that Elmer Christlanson whose post office

address is Columbia, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-9, 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, 46-5-41; 46-6-3, 46-6-3.1, 46-6-5, 46-6-6.1, 46-6-10, 46-6-14 and Commission Rules ARSD 52:01:01:01 thru 52:01:01:13, for a permit to appropriate for beneficial use 2.2 cubic feet of water per second of time from groundwater

(one well) through the Christlanson Project #2, the point(X) of diversion of which is (XXX) to be located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$

of Section 16, Twp. 126N, Range 63W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

SE $\frac{1}{4}$, Section 16-T126N-R63W.

This Application No. 4339-3 will be considered by the Water Rights Commission at SD
the SDEA Auditorium, 411 E. Capitol, Pierre, upon the 31st day of January, 1979

at 10 A.M. The Commission 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 Commission decision who desires to present evidence or cross-examine witnesses according to SDCL 1-26 may notify the Commission 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 Commission may be appealed to the Courts as provided by law.

WATER RIGHTS COMMISSION

Betty Westlund,
Water Rights Specialist

cc: Elmer Christlanson, Columbia, SD 57433

No. 968

Dec. 29 & Jan. 5

2 T

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

No. 939

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Brown) ss.

I, Pam Scepanski hereby

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

Water was taken from the January 5, 1979

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 Aberdeen

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

December 22, 1978

January 5, 1979

Pam Scepanski
(Signature)

Clerk

(Title)

January 5, 1979

(Date Signed)

(No. 939-Dec. 29-Jan. 5-27)
NOTICE OF HEARING
ON APPLICATION TO
APPROPRIATE WATER
Notice is hereby given that Elmer
Christianson, whose post office ad-
dress is Columbia, South Dakota,
has made an application in ac-
cordance with the provisions of
SDCL 46-1-1 thru 46-1-9, 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; 46-5-41; 46-6-3;
46-6-3.1; 46-6-5; 46-6-6.1; 46-6-10; 46-6-
14 and Commission Rules ARSD
52:01:01.01 thru 52:01:01.13, for a
permit to appropriate for beneficial
use 2.2 cubic feet of water per second
of time from groundwater (one well)
through the Christianson Project No.
2, the point of diversion of which is to
be located in the SE 1/4 SE 1/4 of
Section 16, Twp. 126N, Range 53W.
Said water to be used for the purpose
of providing irrigation on portions of
the following described land:
SE 1/4, Section 16, T126N-R43W
This Application No. 439.3 will be
considered by the Water Rights
Commission at the SDEA
Auditorium, 411 E. Capitol, Pierre,
SD on the 31st day of January, 1979
at 10 A.M. The Commission 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 Commission decision
who desires to present evidence or
cross examine witnesses according
to SDCL 1-26 may notify the Com-
mission 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 Com-
mission may be appealed to the
Courts as provided by law.
WATER RIGHTS COMMISSION
Betty Westlund,
Water Rights Specialist





Department of Water & Natural Resources

Joa Foss Building
523 East Capitol
Piarro, South Dakota 57501

Water Rights Division
605 773-3352

October 15, 1982

Elmer Christianson
Columbia,
South Dakota 57433

Dear Mr. Christianson:

This office has received a call from Alfred Bradke concerning your plans for draining water holes on your land to improve the acreage for irrigation. Bradke is concerned that the waters will run into their pasture and cause damage to their land.

The Board of County Commissioners have jurisdiction over any drainage facilities which are planned to be constructed pursuant to SDCL 46-20-1. Prior approval must be obtained from the Board of County Commissioners before construction begins. SDCL 46-20-18 provides for the assessment of damages sustained by property resulting from construction or maintenance of drain. In part it states "Any person interested may be heard in the matter of damages or compensation for land and the determination of the board of county commissioners shall be final unless an appeal therefrom, as provided in this chapter, shall be taken."

Please take note that you would be liable for any damages caused Mr. Bradke when constructing and operating drainage facilities.

If you have any questions, do not hesitate to contact this office.

Very truly yours,

JAMES WINTERTON
Water Resources Engineer

cc: Alfred Bradke

South Dakota
Department of
Water & Natural Resources

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

March 31, 1986

Christianson-Larsen Farms
RR 2, Box 59
Frederick, SD 57441

Notice

Re: Violation of Requirement to Submit 1985 Irrigation Questionnaire

Our records indicate that the 1985 Irrigation Questionnaire has not been submitted for Water Permit No(s). 4157-3, 4339-3, and 4340-3. The request for the Questionnaire was dated November 13, 1985. The Water Management Board has directed that owners of water permits who have not submitted 1985 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 p.m., May 14, 1986 in Room 216, Joe Foss Building, Pierre, South Dakota.

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. Amend Permit No(s). 4157-3, 4339-3, and 4340-3 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.

Sincerely,

John Hatch
John Hatch, Chief Engineer
Water Rights Division
(605) 773-3352

Note: If the questionnaire(s) is received in this office before the May 14 hearing date, your name will be deleted from the agenda for the hearings.

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

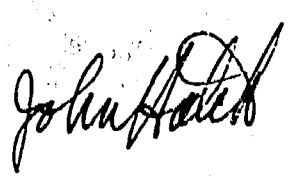
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

May 20, 1986

NOTICE OF AMENDMENT TO WATER PERMIT(s)

To: Christianson-Larsen Farms
RR 2 Box 59
Frederick SD 57441

FROM: John Hatch, Chief Engineer
Water Rights Division
605 773-3352



SUBJECT: Amendment to Water Permit No(s). 4157-3, 4339-3 &
4340-3

Pursuant to the provisions of the notice dated March 31, 1986, and following the Hearing May 14, 1986, the Water Management Board has amended Water Permit No(s). 4157-3, 4339-3 & 4340-3 to add the following qualification:

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

The addition of this qualification to your Permit means that failure to submit the required irrigation questionnaire in the future could result in suspension of the water permit and no use of water for up to one year for the first violation. Please include the enclosed attachment with your permit.

Equal Opportunity Employer



Department of Water & Natural Resources

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

Attachment to Water Permit No. 4340-3

Pursuant to the provisions of the notice dated May 20, 1986, and following the Hearing May 14, 1986, the Water Management Board has amended Water Permit No. 4340-3 to add the following qualification:

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

Equal Opportunity Employer

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

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

March 23, 1987

CHRISTIANSON-LARSON FARMS, OF
RR #2 BOX 59
FREDERICK, SD 57441

NOTICE

Re: Violation of Water Permit No(s). 4339-3, 4340-3, 4157-3

Our records indicate that the 1986 Irrigation Questionnaire has not been received for Permit No(s). 4339-3, 4340-3, 4157-3. 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 hearing(s) will be held to determine action to be taken by the Board for violation of Water Permit No(s). 4339-3, 4340-3, 4157-3 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). 4339-3, 4340-3, 4157-3 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
JOHN HATCH, Chief Engineer
Water Rights Division
605 773-3351

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.
cc: Elmer Christianson, Columbia SD 57433

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

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

April 24, 1987

4157-3
4339-3
4340-3

Elmer Christianson
RR #1 Box 38
Columbia, SD 57433

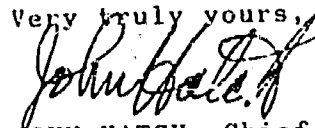
Dear Mr. Christianson:

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. 4157-3, 4339-3, and 4340-3 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

Report Of Examination Of Works And/Or Application Of Water To Beneficial Use

I have this day made a thorough examination of the water use system constructed by Elmer Christianson
 _____ of Rt. 1 Box 38 Columbia, SD holder of

Permit No. 4340-3, bearing the priority of October 27 1978 authorizing the diversion of 2.2 cu. ft. per second of the waters of Groundwater for Irrigation purposes, in Brown County.

A. Works used to divert the water:

Works used to divert the water:
 Layne Bowler Well Line Pump - Model AXN133
 John Deere 6 cyl. Diesel Engine

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

C. Works used to apply water to beneficial use:

Zimmatic 9 tower Center Pivot

The system is in the following condition Good

The point of diversion is located 1320 ft. East & 1320 ft. South of the NW
corner of Section 3-T126N-R63W (center of NW 1/4)

The works are capable of diverting and conveying to the place of use 1.44 (650 gpm)
cu. ft. per second of water which is to be used for Irrigation

Water has been put to beneficial use to the maximum extent as follows: Section 3-T126N-P.63W

NW 1/4 NW 1/4 - 33.25 Acres

NE 1/4 NW 1/4 - 33.25

SEY4 NWY4 - 33.25

SWYd NWi: 33.25'

comprising a total of 133 acres of land and the license should be issued for 1.44 at

Applicable permit qualifications have been complied with X Yes No

Exceptions to compliance are: _____ Date Sept. 12, 1990

Timothy G. Schaal

LICENSE FOR PERMIT NUMBER 4340-3

1. Legal location of wells: 1320 ft. East & 1320 ft. South of the NW
corner of Section 3-T126N-R63W (Center NW 1/4)
dams & structures: _____

2. Well Information: Well Drilling Firm Kaiser's Well Works

Completion Report Yes X No _____ No. of Wells 1 Depth 100'
Casing a) diameter 14" Screen a) type Stainless Steel
b) length 80' b) length 20'
c) type Steel Static Water Level 31'
Pump a) make Layne Bowler Well Line Motor a) make John Deere 6 cyl Diesel
b) model AXN 133 b) model No. 5404AR-16 556335R6
c) size 11BH c) horsepower rating 80
d) capacity 650 gpm
e) turbine pump - no. of stages 5
f) operating PSI _____

3. Distribution lines or canals

a) size _____
b) type _____
c) length _____

4. Dam Information:

a) height to crest _____ n) Outlet tubes:
b) height to primary spillway _____ 1) diameter _____
c) height to secondary spillway _____ 2) type _____
d) crest width _____ 3) valved (Y/N) _____
e) crest length _____ 4) valve type _____
f) spillway length _____ 5) location on structure _____
g) spillway width _____
h) approx. storage _____ n) Category of Dam _____
i) approx. storage to crest _____
j) date constructed _____
k) inspection sheet completed (Y/N) _____
l) Name of Contractor _____

5. System Type a) sideroll:

- 1) length _____ feet
- 2) diameter of pipe _____
- 3) make, model & number of
sprinklers _____
- 4) spacing of sprinklers _____
- 5) nozzle size _____

c) gun

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____
- 4) hose size _____
- 5) hose length _____

e) gated pipe

- 1) length _____
- 2) diameter _____
- 3) spacing of gates _____

f) portable boom

- 1) make _____
- 2) nozzle size _____
- 3) capacity (GPM) _____

b) towline:

- 1) length _____ feet
- 2) make, model & number of
sprinklers _____
- 3) spacing of sprinklers _____
- 4) nozzle size _____

d) center pivot

- 1) make Zimmerman
- 2) number of towers 9
- 3) distance between towers _____
- 4) overall length 1320
- 5) end gun (Y/N) Yes Nelson
- 6) high or low pressure Low
- 7) make & size of nozzles _____
- 8) capacity (GPM) ≈ 650

g) siphons

- 1) size _____
- 2) number _____

NOTE. For Permits with additional wells or changes in well locations, record the following for each well: pumping capacity, date constructed, well driller and if a well log is available.

Indicate any other permit(s) which are associated with project _____

Yes	No	Check Items
<u>X</u>	---	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
<u>X</u>	---	2. Special qualifications to permit being abided by?
<u>X</u>	---	3. All structures, wells and lands on map?
<u>X</u>	---	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
---	<u>X</u>	5. Is chemigation used?
---	<u>X</u>	6. If yes, does equipment comply with chemigation rules?

REMARKS:



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

July 9, 1992

4339-3

4340-3

Elmer Christianson
RR 1, Box 38
Columbia, SD 57433

Dear Mr. Christianson:

The inspection of your water use system and the inspection of the extent of application of water to beneficial use, as developed under Water Permit Nos. 4339-3 and 4340-3, has been completed. Your final water right documents, the Water Licenses, can now be issued.

Statutes require that we charge a \$50.00 fee per license for the inspection and issuance of the Water Licenses. Upon receipt of the \$100.00 fee from you, we will begin processing your Water Licenses.

South Dakota Water Law 46-5-30.1 requires that a permit holder may not divert water until the \$50.00 fee per license has been paid. Please contact us if you have any questions.

Sincerely,

Cheryl F. Frost
Secretary
Water Rights Division
(605) 773-3352

NOTE: On check or money order, please specify your permit number.
This will insure proper handling of the fee.

STATE OF SOUTH DAKOTA
WATER LICENSE NO. 4340-3

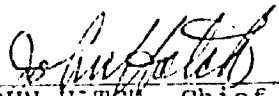
(1) Elmer Christianson of RR 1, Box 38, Columbia, SD 57433 made Application No. 4340-3, October 27, 1978 for a water permit to appropriate 2.20 cubic feet of water per second from groundwater (one well), Brown County, South Dakota for irrigation purposes. Permit No. 4340-3 with a priority date of October 27, 1978 was approved February 1, 1979 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before February 1, 1984 and for the application to beneficial use of said water on or before February 1, 1987.

(2) It is certified that the applicant has complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and is entitled to divert 1.44 cubic feet of water per second for beneficial use. The location of the diversion point is: 1320'E and 1320'S of the NW corner of Section 3, T126N, R63W (center of the NW 1/4).

(3) The applicant has complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate the following land:

T126N, R63W Section 3	NW 1/4 NW 1/4	33.25 Acres
	NE 1/4 NW 1/4	33.25 Acres
	SE 1/4 NW 1/4	33.25 Acres
	SW 1/4 NW 1/4	33.25 Acres
	Total-----	133.00 Acres

(4) Pursuant to Section 46-5-30.1 Elmer Christianson of RR 1, Box 38, Columbia, SD 57433 the holder(s) and/or owner(s) of Water Permit No. 4340-3 is issued a license to appropriate water, the right to use 1.44 cubic feet of water per second from groundwater (one well) with a priority date of October 27, 1978 from the location specified in (2) of this license. The water is to be conducted to and upon lands specified in (3) of this license for the purpose of irrigation. This license is subject to any limitations or qualifications listed in Water Permit No. 4340-3 and subject to South Dakota State Law.


AUG 7 1992
JOHN HATCH, Chief Engineer
Water Rights Division
Department of Environment and
Natural Resources



AUG 7 1992

DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE SOUTH DAKOTA 57501-3181

4339-3
4340-3

Elmer Christianson
RR 1, Box 38
Columbia, SD 57433

Dear Mr. Christianson:

Enclosed are Water License Nos. 4339-3 and 4340-3. These are the final water right documents completing your process of obtaining a Water Right. Enclosed are Receipt Nos. 413317 and 413318 in the amount of \$50.00 each which you paid for the inspection and issuance of the Water Licenses.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right Nos. 4339-3 and 4340-3, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

As long as you use the water beneficially, as stated in the Water Licenses, the State Water Laws provide that you have a continuing right to use the water. If you have any questions please contact our office.

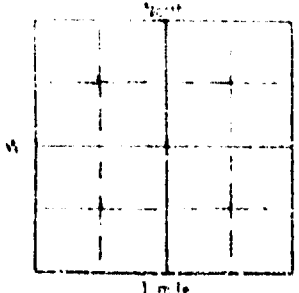
Very truly yours,

John Hatch
JOHN HATCH, Chief Engineer
Water Rights Division
(605) 773-3352

enclosures

N. W. 3 136 N. 53 W

Brown



Please check well location with plat

Well Completion Date 9/20/1978

PROPOSED USE

- ☒ Domestic ☐ Municipal ☐ Test Holes
☒ Irrigation ☐ Industrial ☐ Other

Method of Drilling

Direct Rotary

CASING DATA

- ☒ Steel ☐ Plastic ☐ Other
If other describe

PIPEWEIGHT DIAMETER FROM TO HOLE DIAMETER
54.57 LB/FT 14 IN 1 1/2 FT 50 FT 18 IN
LB/FT IN FT FT IN
LB/FT IN FT FT IN
LB/FT IN FT FT IN

GROUT

Was the well grouted? ☐ YES ☒ NO

To what depth? FEET

What is grouting material? GRAVEL FILLER

If cement, number of sacks

Describe grouting procedure

What was grout weight? LB GAL

SCREEN ☐ Perforated pipe ☐ Manufactured

Diameter 14 IN Length 20 FEET

Material JOHNSON 55 Hi-C

Slot Size 150 Set From 30 Feet To 100 Feet

Slot Size Set From Feet To Feet

Slot Size Set From Feet To Feet

Other information

Was a packer or seal used? ☐ YES ☒ NO

If so, what material?

Describe packer(s) and location?

Was well disinfected upon completion? ☐ YES ☒ NO

Explain

Bacteriological analysis ☐ YES ☒ NO

Laboratory sent to

Well Owner

Elmer Christianson

Columbia, SD

Well Log

Formation

TOP SOIL	0'	1'
YELLOW clay	1'	22'
BLUE CLAY	22'	52'
SAND medium	52'	77'
COARSE gravel		
VERY permeable	77'	100'
Blue clay	100'	120'

STATIC WATER LEVEL

31

feet

If flowing, closed in pressure PSI

GPM flow through inch pipe

Controlled by ☐ Valve ☐ Reducers ☐ Other

If other, specify

Can well be completely shut in?

WELL TEST DATA

☐ Pumped

☐ Bailed

☐ Other

TURBINE

Describe

Pumping Level Below Land Surface

57 ft After 24 Hrs pumped 2,400 GPM

41 ft After 8 Hrs pumped 900 GPM

ft After Hrs pumped GPM

REMARKS

This well was drilled under license #

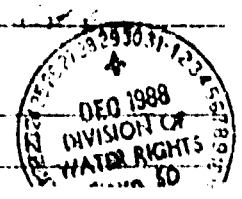
And this report is true and accurate

Drilling firm

Signature of License Representative

Signature of Well Owner

Date





4340-5
DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

July 13, 1998

4157A-3

4339-3

4340-3

Jolene Christianson
11476 391st Ave
Columbia, SD 57433

Dear Mrs. Christianson:

Enclosed, as you requested, are eight "Notice of Transfer of Ownership" forms for use in filing ownership changes on Water Right Nos. 4157A-3, 4339-3 and 4340-3.

You indicated during our phone conversation that the land described in the water rights has been deeded to eight different heirs and the water rights will be divided accordingly. I have included copies of the water rights for your review.

Each of the transfer forms will need to be signed in the presence of a notary by the new owner of the land. A filing fee of \$2.50 is required for each transfer. If there are any special circumstances involved (i.e., the operator of the irrigation system is different than the owner) please include this information when returning the forms.

If you, or any of the people that will be filing the transfers, have any questions concerning the forms or the water rights, please do not hesitate to give me a call.

Sincerely,

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

encl

NOTICE OF TRANSFER OF OWNERSHIP

To: Chief Engineer
Water Rights Program, DENR
523 E. Capitol
Pierre, SD 57501-3181



No. 4340-3

Date: 7-22-98

I/We request that Water Permit/Right No. 4340-3

formerly owned by: Elmer Christianson

be transferred to: (name & address) Dennis A Christianson - 2117 Rio Dr Rapid City, SD 57102

Blaine E Christianson - 3613 20th St Fargo ND Telephone No. 605-341-6757 & 701-293-7665

Title to the following described land(s)/property has been transferred as described above:

NW 14 - 3-126-63 Ex 4.01 A Hwy

I/We understand that the validity of Water Permit/Right No. 4340-3 has not been determined by this transfer action. If I/We have any questions on validity, I/We understand that only the Water Management Board has the authority to determine if a water permit/right is valid (see note).

You are requested to file this "Notice of Transfer" in the appropriate file with the Water Rights Program, as evidence of the change of ownership.

A fee of Two Dollars and Fifty Cents (\$2.50) is attached to cover the filing fees as required under SDCL 46-2-13.

STATE OF SOUTH DAKOTA)

County of Brown)

I/We Dennis A Christianson being first duly sworn on my oath depose and say that my relation to the above described undertaking is that of Owner, that I have read the above foregoing statement, and that I know of my own personal knowledge that the information herein stated is true.

Dennis A Christianson
Blaine E Christianson
(Signed)

Subscribed and sworn to before me this 22nd day of July, 19 98.

Carol Missfeldt
(Notary Public)

my Comm expires: 12-23-2000

NOTE: Water permits may be cancelled for nonconstruction within the five year construction period. Once a water permit is developed and the water used, the permit becomes a right. A water right may be lost for three reasons:

1. Abandonment - no intent to use water and use is abandoned.
2. Forfeiture - no use of water for three year period without legal excuse.
3. For a third violation of a condition of a water permit/right.



7/29/98

If there are any further
questions please call.

Thanks for your help.

Jocelyn Christianson

Concerning water rights transfer
of Elmer L. Christianson.

RECEIPT

Water Rights Program

South Dakota Department of Environment and Natural Resources

NO 415832

Pierre, July 27, 19 98

RECEIVED OF Mark or Jolten Christianson, 11476 - 391st Ave., Columbia, SD 57433
the following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. _____ to Appropriate Water, to construct
and to put water to beneficial use _____

Fee for Application for Permit No. _____ to Appropriate Water, for Future
Use _____

Fee to retain Future Use Permit No. _____ after period of seven years.

Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water
License No. _____

Fee for Filing Transfer Form Water Right No. 4340-3

Fee for Filing Extension Request _____

Fee for _____

(Any Other Work Provided by Law)

Total

2 50

Chief Engineer

John Hatch (P)



DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES

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

July 28 1998

4340-3

Dennis A Christianson
2117 Rio Dr
Rapid City, SD 57702

Blaine E Christianson
3613 20th St
Fargo, ND 58104

Dear Sirs:

Thank you for sending in the ownership change for Water Right No. 4340-3. The transfer has been completed and the water right is now listed in your names.

Currently, the yearly irrigation questionnaire is being forwarded to Mark Christianson. It is my understanding that I should continue to do this unless I hear from you otherwise.

If you have any questions concerning the water right, please get in touch with me. I am forwarding the receipt for the filing fee to Joleen Christianson by copy of this letter.

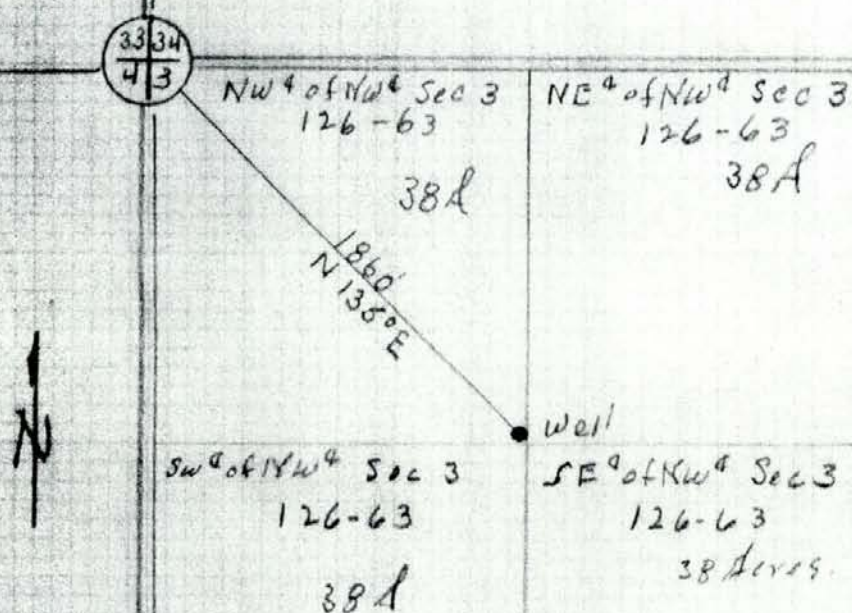
Sincerely,

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

c: Joleen Christianson, 11476 391st Ave, Columbia, SD 57433

Elmer Christanson
Irrigation Project #1
Columbia S.Dak
57433

Acres Irrigated 152
water claimed - 2.2 cfs



10-25-78

Perkins & Co.

John Perkins

NOT TO SCALE

