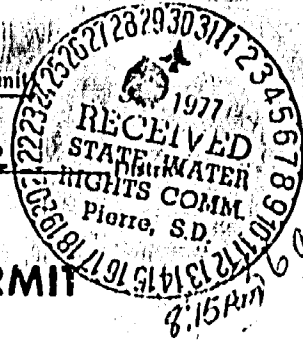


Water Right Number 4157-3

1. Considered 11-30, 1977
2. Name of Applicant ELMER CHRISTIANSON
3. Post Office Address COLUMBIA
4. Amount of Water claimed 3.42
5. Source of Water supply BO WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 240
7. Water to be diverted and used in BROWN County
about 4 E BARNARD miles of
8. Proof of Publication Received 11-21-77
Not Received
9. Application Approved
Subject to
Not Approved
Action Deferred

10. Remarks:

No. 4157-15Map No. 3387-3 Water Division No. 3 JAMES RIVER
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE-Draw a line through items not applicable)

1. Name of Applicant Elinor Christensen
 Postoffice address Columbia State S.D. 57433
 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 E & E Ranch Irrigation System
 4. Amount of water claimed (cubic feet per second) 3.12 cfs
 5. Source of water supply well
 6. Location of point of diversion SW 1/4 15 126-63

County Brown
 7. Annual period or periods during which water is to be used April to Oct.8. Use to be made of water, (irrigation, industrial, municipal, commercial, recreation, etc.) irrigation9. For irrigation use, 16 Total number of acres to be irrigated 710

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 SW 1/4 15 126-63	40	SE 1/4 NW 1/4 15 126-63	40
SE 1/4 SW 1/4 15 126-63	40	SW 1/4 NW 1/4 15 126-63	40
NE 1/4 SW 1/4 15 126-63	40	NW 1/4 NW 1/4 15 126-63	40

Attach sheet if more space is needed

10. Time required to complete construction of water supply system 3 years. Additional time required to complete application of water to the proposed beneficial use _____ years.11. Choice of newspaper for Notice of Intent to Appropriate Water publication Aberdeen American News

12. Principal Features of the Proposed Water Supply System.

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

Pump

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

Pipe

C. Works proposed to apply water to beneficial use.

Center pivotEstimated Total Cost \$ 75,000Attachments: Attach Form 2A if diversion from a well or dugout, or if storage of water, is proposed. Attach map.
(See instructions concerning preparation.)

STATE OF SOUTH DAKOTA

County Brown } ss.Elinor 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.Signed Elinor ChristensenSubscribed and sworn to before me this 28th day of September 1977Clair D. Tsch
Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 4157-3
ELMER CHRISTIANSON COLUMBIA
 (Applicant) (Post Office Address)
SOUTH DAKOTA 57433 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 SEPTEMBER 30, 1977
 Date of return to applicant for correction, amendments or changes required OCTOBER 5, 1977
 Date of receipt of corrected application OCTOBER 17, 1977
 Approved NOVEMBER 17, 1977 Recorded in Book 19 Page 193

WATER RIGHT PERMIT NO. 4157-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 4157-3 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 SEPTEMBER 30, 1977
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 30, 1979
3. The whole of said work is to be completed on or before NOVEMBER 30, 1980
4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 30, 1980
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior right of all persons who, by compliance with the laws of the State of South Dakota, have acquired a right to the use of water must not be injuriously affected by this appropriation.
7. The amount of the appropriation herein granted shall not exceed 3.42 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 NOVEMBER 30, 1980; said water to be used during the following described annual period: APRIL - OCTOBER

Witness my hand this 7TH day of DECEMBER, 1977

WATER RIGHTS COMMISSION

By:

John Hatch
 Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

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

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

D. Well Information or Estimates

- (1) Drill Hole, Diameter 12", Depth 80'
- (2) Casing Type steel Diameter 12" Thickness 1/2"
(wood, concrete, steel, etc)
- (3) Perforated Screen.
Type _____, Diameter _____, Length _____
- (4) Gravel Pack. Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates.

- (1) Surface dimensions _____, Depth _____

F. Fill out for Either a Well or a Dugout.

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

Character of Water bearing materials _____

Depth to top of water bearing material 30'

Depth to bottom of water bearing material 80'

Thickness of water bearing material 50'

Depth to water (ground surface to water level) 30'

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

On same owner's property 500' rds. On property owned by others 1 mile rds.

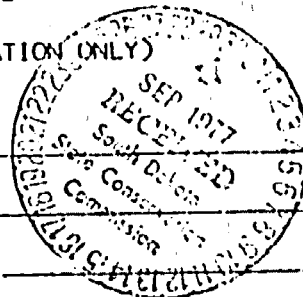
G. Water Storage Dams.

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

Elma Christensen
Signature of Applicant

COMMISSION
FORM W1 #1

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



NAME ELMER CHRISTIANSON

ADDRESS COLUMBIA

COUNTY ~~BROWN~~ BROWN

LEGAL DESCRIPTION

1. WELL LOCATION S.W. 1/4 Sec 15-126-63

2. LOCATION OF AREA TO BE IRRIGATED S.W. 1/4 Sec 15-126-63

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____

4. CROPS TO BE IRRIGATED Corn - Alfalfa

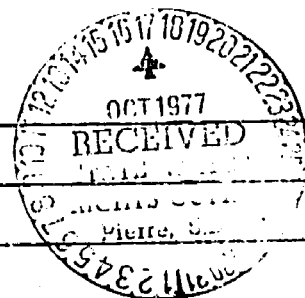
WATER QUALITY

5. SAMPLE NUMBER 77-1331

6. SALINITY (EC X 10⁶) 106.5 (high)

7. SODIUM (SAR) 0.88 (low)

8. RESIDUAL SODIUM CARBONATE (meq/l.) 0



I do hereby certify that a chemical analysis of the ground water representative of that used to irrigate shall be acquired from South Dakota State University and: the soils information has been acquired from ARLEEN Conservation District, County Extension office or Soil Conservation Service.

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

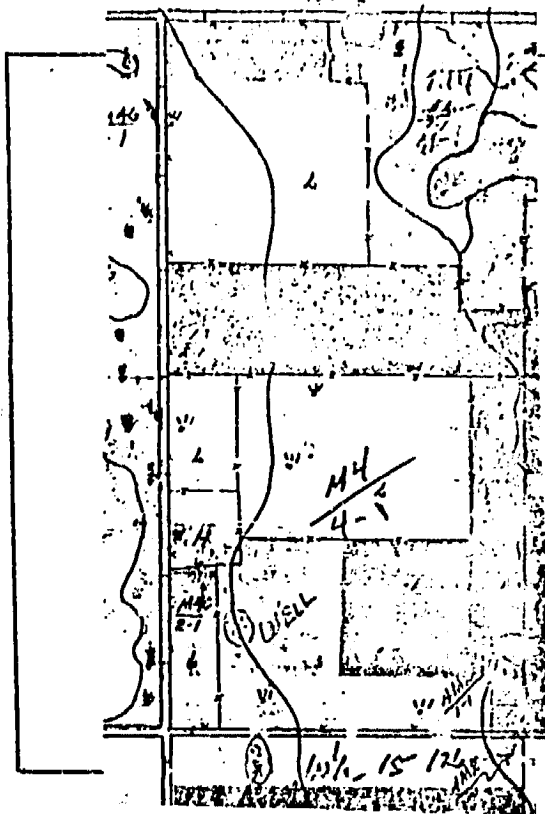
SUBSCRIBED AND SWORN BEFORE ME 115
DAY OF August 19 77.

(TITLE OR SEAL)

ELMER CHRISTIANSON
APPLICANT'S SIGNATURE

Albert J. H. [Signature]
APPROVED/CLEARING

(SOILS INFORMATION ON REVERSE SIDE)



MAP

NARRATIVE

104-15-124-50

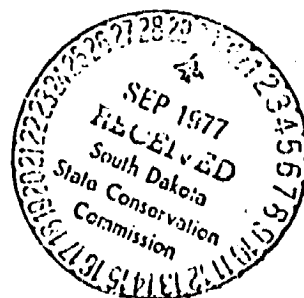
$\frac{104}{2-1}$

$\frac{M4}{2-1}$

$\frac{M4}{4-1}$

$\frac{M4}{1-1}$

CRESTAD



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

Submitted by: Elmer Christensen
 Address: Columbia, SD 57433

Date Rec'd: September 1, 1977
 Sample No. 77-1331
 Identification 011-
Box, Sec. 15, T. 105N, R. 63E

WATER ANALYSIS

Calcium (Ca)	164	ppm*	3.20	me/l**
Magnesium (Mg)	38	ppm	3.12	me/l
Sodium (Na)	37	ppm	1.61	me/l
Potassium (K)	6	ppm	0.16	me/l
Sulfate (SO ₄)	222	ppm	4.62	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	22	ppm	0.60	me/l
Bicarbonate (HCO ₃)	473	ppm	7.76	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	388	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	1065	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.68			
Sodium	12.30	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.17			

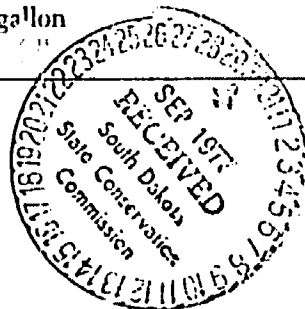
Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 13.09 me/l
 Total anions 11.98 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. 77-1331

Amount Enclosed \$

Signed

Publish first publication, on or before November 17, 1977

NOTICE OF HEARING ON
APPLICATION TO APPROPRIATE WATER

Pierre, South Dakota 57501

November 1, 1977

Notice is hereby given that Elmer Christianson whose post office address is Columbia, South Dakota, has made an application in accordance with the provisions of SDCL 46-1-1 thru 46-1-8; 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, 46-6-5, 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 3.42 cubic feet of water per second of time from ground water through the E & E Ranch Irr. System, the point of diversion of which is to be located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$

of Section 15, Twp. 126N Range 63W. Said water to be used for the purpose of providing irrigation on portions of the following described land:

SW $\frac{1}{4}$, S $\frac{1}{2}$ NW $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Section 15, T126N, R63W.

This Application No. 4157-3 will be considered by the Water Rights Commission at Pierre, South Dakota upon the 30 day of November, 1977 at 10 AM. 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.

WATER RIGHTS COMMISSION

JAMES WINTERTON
Water Rights Specialist

cc: Elmer Christianson, Columbia, SD

NOTE: Final Proof of Publication must be received by the hearing date for the Commission to take action.

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

No. 797
#4157-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Brown) ss. Elmer Christianson

I, Pat Bauer hereby

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

Water was taken from the Aberdeen American News

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:

November 10 & 17, 1977

Pat Bauer
(Signature)

Principal Clerk
(Title)

11/17/77
(Date Signed)

(No. 797—Nov. 10-17-21)
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 46-1-3; 46-2-2 thru
46-2-11, 46-3-13; 46-5-1 thru 46-5-8, 46-
5-10 thru 46-5-22, 46-6-1, 46-6-3, 46-6-5,
46-6-6, 46-6-10, 46-6-14 and Com-
mission Rules ARSD 32:01:01:01
thru 32:01:01:13, for a permit to
appropriate for beneficial use 3.72
cubic feet of water per second of
time from ground water through the
E&E Ranch Irr. System, at a point of
diversion of which is to be located in
the SW1/4SW1/4 of Section 15, Twp. 124
N Range 63 W. Said water to be used
for the purpose of providing
irrigation on portions of the
following described land: SW1/4, NW1/4
of SW1/4, NW1/4, SW1/4 of NW1/4, Section
15, T124N, R63W.
This Application No. 4157-3 will be
considered by the Water Rights
Commission at Pierre, South Dakota
upon the 30 day of November, 1977 at
10 A.M. The Commission is
authorized to make a determination
on this application at its 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.
WATER RIGHTS COMMISSION
James Winterton
Water Rights Specialist



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

NAME ELMER CHRISTIANSON
ADDRESS COLUMBIA
COUNTY ~~D~~ BROWN



LEGAL DESCRIPTION

1. WELL LOCATION S.W. 1/4 Sec 15-126-63
2. LOCATION OF AREA TO BE IRRIGATED S.W. 1/4 Sec 15-126-63
NW 1/4 15-126-63 W/R 4-1157-3
of 11-17-83 - area included on soils map
TYPE OF IRRIGATION
3. GRAVITY _____ TOWLINE _____ CENTER PIVOT ☒ GUN _____
4. CROPS TO BE IRRIGATED corn - alfalfa

WATER QUALITY

5. SAMPLE NUMBER 77-1331
6. SALINITY (EC X 10⁶) 1065 (high)
7. SODIUM (SAR) 0.88 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0

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

SUBSCRIBED AND SWORN BEFORE ME THIS
11 DAY OF August 19 77.

Allen S. Smith
(TITLE OR SEAL)

ELMER CHRISTIANSON
APPLICANT'S SIGNATURE
Allen S. Smith
Allen S. Smith
APPROVED/

(SOILS INFORMATION ON REVERSE SIDE)



Department of Agriculture

DIVISION OF CONSERVATION

Anderson Building, Room 322 • Pierre, South Dakota 57501
Phone 605/773-3288

November 17, 1983

Elmer Christianson
Columbia, SD 57433

Dear Mr. Christianson:

In reviewing your file with the Division of Water Rights, a discrepancy has been found between the acreage permitted on your Water Rights permit and that with Soil and Water Compatibility approval.

By State Law, Soil and Water Compatibility approval is required prior to the issuing of a Water Right. However, the soils map, which was submitted to our office, along with your WI-1 form (Soil and Water Compatibility Permit) does include the correct legal description; therefore we are amending your permit to include this additional acreages. (NW 15-126-63 - see attached permit)

If you have any questions or feel this amendment is in error please feel free to contact this office.

Sincerely,

Jim Stukel
Irrigation Program Administrator

cf

Enc: WI-1 form

cc: Water Rights Division

**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.

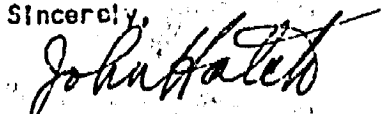
The hearings will be held at 2:00 p.m., May 14, 1986 in Room 216, Joe Foss Building, Pierre, South Dakota.

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, 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.

SOUTH DAKOTA

Department of Water & Natural Resources

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

Attachment to Water Permit No. 4157-3

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. 4157-3 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 FARM, OP
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."

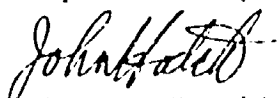
The hearing(s) will be at 2:00 pm, May 6, 1987, Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

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, 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.

cc: Elmer Christianson, Columbia SD 57433



Department of Water & Natural Resources

Joe Foss Building
523 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



4157-3

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

AUG 5 1992

4157A-3

Elmer Christianson
RR 1, Box 38
Columbia, SD 57433

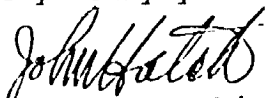
Dear Mr. Christianson:

Enclosed is Water License No. 4157A-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 413249 in the amount of \$50.00 which you paid for the inspection and issuance of the Water License.

For your information SDCL 46-6-27 requires that if the owner of an existing well, such as the well authorized by Water Right No. 4157A-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 License, 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, Chief Engineer
Water Rights Division
(605) 773-3352

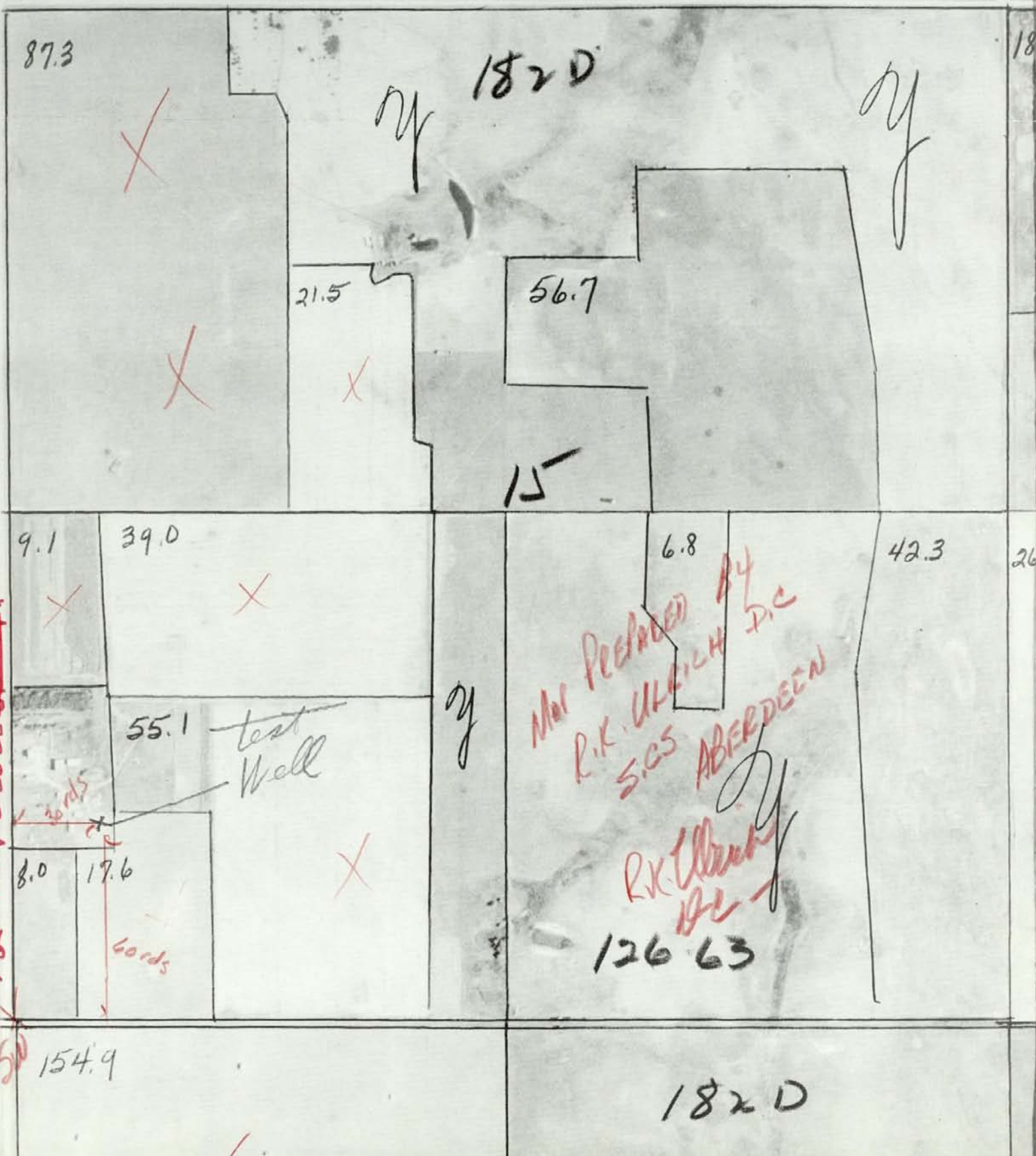
enclosures

NOTE: The applicable portions of Water Permit No. 4157-3 are incorporated into this Water License No. 4157A-3.

1975

see

APPL 150 4157-3



NOT TO SCALE

