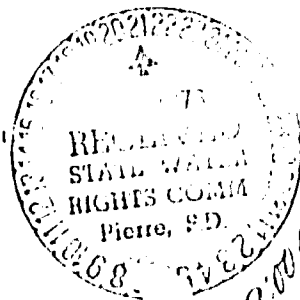


Water Right Number 3170-3

1. Considered 11-17, 1976
2. Name of Applicant DOUGLAS E. SALVERSON
3. Post Office Address MOUND CITY
4. Amount of water claimed 4.50
5. Source of water supply 290' DEEP WELL
6. Water to be used for IRRIGATION
Acres to be irrigated 330
7. Water to be diverted and used in CAMPBELL County
about 5 S, 1 E Miles of MOUND CITY.
8. Proof of Publication
Received 11-8-76
Not received
9. Application
Approved
Subject to
Not approved
Action deferred
10. Remarks:

No. 3170-3
 Map No. 2511-3 Water Division No. 3 MISSOURI RIVER District
 (Blocks to be filled by the Engineer for the W. H. 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 Douglas L. Salverson
 Post-office address Mound City State South Dakota 57646
 If a corporation show date and place of incorporation _____
 2. Method of accomplishing work (contract, employment of others, or by direct labor) Direct Labor
 3. Name of diversion work Douglas L. Salverson - Unit #1
 4. Amount of water claimed (cubic feet per second) 4.5
 5. Source of water supply Ground Water
 6. Location of point of diversion A POINT IN THE SE¹ SE⁴ SECTION 9,
T125N, R76W
 County Campbell
 7. Annual period or periods during which water is to be used March - November
 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 320

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.
SE ¹ of 9-125-76	160		
SW ¹ of 9-125-76	160		

Attach a 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 2 years.
 11. Choice of newspaper for Notice of Intent to Appropriate Water publication Prairie Picauyne, Herried, So. Dak
 12. Principal Features of the Proposed Water Supply System.

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

Pump Bowl

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

Main Line

C. Works proposed to apply water to beneficial use.

Center Pivot

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 Campbell)
 I, Douglas L. Salverson 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 Douglas L. SalversonSubscribed and sworn to before me this 18 day of October 1984

Notary Public (or other qualified officer)

C. [Signature] 11/17/84

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 3170-3
DOUGLAS L. SALVERSON MOUND CITY
(Applicant) (Post Office Address)
SOUTH DAKOTA 57646 With the following modifications.
(State)

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

Date of first receipt of application OCTOBER 21, 19 76
Date of return to applicant for correction, amendments or changes required _____, 19 ____
Date of receipt of corrected application OCTOBER 29, 19 76
Approved NOVEMBER 18, 19 76, Recorded in Book 16 Page 239

WATER RIGHT PERMIT NO. 3170-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 3170-3 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 21, 19 76
- 2. The equivalent of at least one-fifth of the work above specified is to be completed on or before MAY 18, 19 79
- 3. The whole of said work is to be completed on or before NOVEMBER 13, 19 81
- 4. The limit of time from proof of beneficial use of water appropriated in accordance herewith is NOVEMBER 13, 19 83
- 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 4.5 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 13, 19 83; said water to be used during the following described annual period: MARCH - NOVEMBER

Witness my hand this 22ND day of DECEMBER, 19 76

WATER RIGHTS COMMISSION

By: John Hatch
Chief Engineer, Executive Officer

Certificate of Construction Issued FEBRUARY 6, 19 78
Water License Issued FEBRUARY 6, 19 78

PAGE NO.

Everett
Loame
FOREMAN

JL No	DEPTH	TIME	REMARKS	DESCRIPTION
1	0-20		0-5 Topsoil	
2			5-20 Yellow sand & gravel	Campbell County
2	20-35		Fine blue sand & blue clay	
3	35-50		Fine blue sand & blue clay traces	
4	50-68		Very fine blue sand & blue clay	
5	68-80		Blue clay & some very fine sand	
6	80-95		Soft blue clay & some very fine sand	
7	95-110		Soft blue clay	
8	110-125		Soft blue clay	
9	125-140		Soft blue clay	#1
10	140-155		Soft blue clay	
11	155-170		Soft blue clay	
12	170-185		Soft blue clay, Rock at 179'	
13	185-200		Soft blue clay	
14	200-220		Soft blue clay, gravel streaks at 210-213	
15	220-240		Soft blue clay, small gravel streaks	
16	240-260		Blue clay & gravel streaks	
17	260-280		260-265 Blue clay & gravel, 265-280 coarse gravel	
			280-286 coarse gravel, 286-290 Shale, rocks	
			TD 290'	

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

D. Well Information or Estimates

(1) Drill Hole, Diameter _____, Depth _____

(2) Casing, Type _____, Diameter _____, Thickness _____
(wood, concrete, steel, etc)

(3) Perforated Screen

Type _____, Diameter _____, Length _____

(4) Gravel Pack, Thickness _____, Length of gravel pack _____

E. Dugout Information or Estimates *Log will be provided by driller

(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 _____

Depth to bottom of water bearing material _____

Thickness of water bearing material _____

Depth to water (ground surface to water level) _____

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

On same owner's property 21240 rds. On property owned by others 240 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.

Angela L. Salmeron
Signature of Applicant

Permit No. 3170-3

Water Diversion No. 3 Missouri River Water District

CERTIFICATE OF CONSTRUCTION

This is to Certify, that Douglas L. Salverson

_____ the holder _____ of
Permit No. 3170-3 issued upon Application No. 3170-3, bearing date of priority of October 21,
1976 authorizing the diversion of 4.5 cu. ft. per second of the waters of _____
ground water County of Campbell, State of South Dakota at _____
a point 60'N and 200'W of the SE corner, Section 9, T125N, R76W

_____, for Irrigation

purposes, has _____ 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 2.23 cu. ft. per second of water.

Date February 6, 1978

By: WATER RIGHTS COMMISSION
John Hatch
JOHN HATCH, Chief Engineer

WATER LICENSE NO. 3170-3

(1) WHEREAS, On the 21st day of October A. D. 19 76

Douglas L. Salverson

made Water Right Application No. 31170-3 for a permit to use 4.5 cubic feet per second of the waters of ground water

County of Campbell, State of South Dakota, for Irrigation

purpose; and

(2) WHEREAS, On the 22nd day of December A. D. 19 76

Permit No. 3170-3, with a date of priority of October 21, 1976

was issued to said applicant for the diversion of said water, and provided for the completion of construction of the water supply system therein described on or before the 18th day of November A. D. 19 81 and for the application to beneficial use of said water on or before the 18th day of November A. D. 19 83

and:

(3) WHEREAS, It is hereby certified that the applicant has complied with the provisions of the laws of the State of South Dakota relating to completion of the construction of the water supply system and is entitled to divert 2.23 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 in Section 9, T125N, R76W

NW $\frac{1}{4}$ SW $\frac{1}{4}$ 33 acres

NE $\frac{1}{4}$ SW $\frac{1}{4}$ 33 acres

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 33 acres

SE $\frac{1}{4}$ SW $\frac{1}{4}$ 33 acres

NW $\frac{1}{4}$ SE $\frac{1}{4}$ 33 acres

NE $\frac{1}{4}$ SE $\frac{1}{4}$ 33 acres

SW $\frac{1}{4}$ SE $\frac{1}{4}$ 33 acres

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 33 acres

TOTAL 264 acres

(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 Douglas L. Salverson

_____ of Hound City
the holder _____ and owner _____ of said permit No. 3170-3 a water right, dating from October 21, 1976
_____ to use of 2.23 cubic feet per second of the waters

of ground water
in the County of Campbell and State of South Dakota, or so much thereof as may be necessary for the
purposes hereinbelow mentioned, to be diverted at _____
a point 60'N and 200'W of the SE corner, Section 9, T125N, R76W

and conduct to and upon portions of the S $\frac{1}{4}$, Section 9, T125N, R76W, described on the
face of this License

for the purpose of irrigation

Subject to any limitations listed in Water Right Permit No. 3170-3 and subject to the laws of the State of South Dakota.

WITNESS, My hand and seal of our office at Pierre, South Dakota
this 6th day of February A. D.
Nineteen Hundred and seventy-eight

WATER RIGHTS COMMISSION

By:

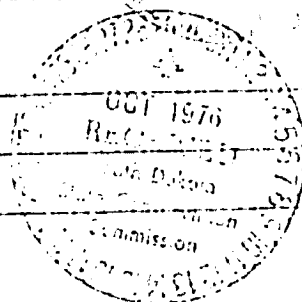
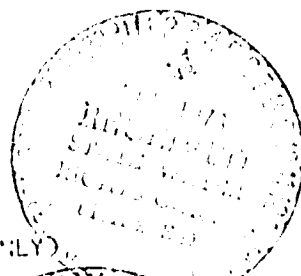
John Hatch
Chief Engineer, Executive Officer JOHN HATCH

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 Douglas L. Salverson

ADDRESS Mound City, South Dakota 57646

COUNTY Campbell



LEGAL DESCRIPTION

1. WELL LOCATION SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of 9-125-76
2. LOCATION OF AREA TO BE IRRIGATED SE $\frac{1}{4}$ of 9-125-76, SW $\frac{1}{4}$ of 9-125-76

TYPE OF IRRIGATION

3. GRAVITY _____ TOWLINE _____ CENTER PIVOT X GUN _____
4. CROPS TO BE IRRIGATED Corn, Alfalfa, Small Grain

WATER QUALITY

5. SAMPLE NUMBER 76-1697
6. SALINITY (EC X 10⁵) 9.85 (high)
7. SODIUM (SAR) 2.47 (low)
8. RESIDUAL SODIUM CARBONATE (meq/l.) 0.77

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 Campbell 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
18 DAY OF October 19 76.

Donald A. Carter
(TITLE OR SEAL)

Campbell County
(SOILS INFORMATION ON REVERSE SIDE)

Douglas L. Salverson
APPLICANT'S SIGNATURE

Approval does not imply that this project can be carried out successfully in all circumstances. Individual management will, to a large degree, determine the relative success.

Alfred J. B. Smith
APPROVED/REAPPROVED

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

Submitted by: Douglas L. Salverson
Address: Yound City, SD 57646
cc: Barron Drilling, Inc.
P.O. Box 1422
Buron, SD 57350

Date Rec'd: October 22, 1976
Sample No.: 76-1697
Identification: 1 Well -
S&P, Sec. 9, T. 125N, R. 76E

WATER ANALYSIS

Calcium (Ca)	103 ppm*	5.15	me/l**
Magnesium (Mg)	19 ppm	1.56	me/l
Sodium (Na)	104 ppm	4.52	me/l
Potassium (K)	13 ppm	0.34	me/l
Sulfate (SO ₄)	174 ppm	3.62	me/l
Nitrate (as N)	6 ppm		me/l
Chloride (Cl)	456 ppm	0.17	me/l
Bicarbonate (HCO ₃)		7.48	me/l
Carbonate (CO ₃)			me/l
Iron (Fe)			me/l
Fluoride (F)			g.p.g.***
Hardness (EDTA as CaCO ₃)	374 ppm (as CaCO ₃)		
Alkalinity (Methyl Orange)	0 ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	985 micromhos per cm at 25° C.		
Electrical Conductivity	2.47		
Sodium Adsorption Ratio	39.06% of cations		
Sodium	0.77 me/l		
Residual sodium carbonate	7.81		
pH			

Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 11.57 me/l
Total anions 11.27 me/l

By: Shirley Mitten

Service Performed

Amount Due

Irrigation analysis

\$8.00 PAID

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-1697

Amount Enclosed \$

Signed



October 28, 1976

Mr. Douglas L. Salverson
Mound City, SD 57066

Dear Mr. Salverson:

Your water sample (Lab. No. 76-1697) has been analyzed and the results are reported on the accompanying sheet, which is your copy to keep.

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

Your water, as indicated by this analysis, is satisfactory for use on the soils you indicate will be irrigated. If a salt problem or a water table problem should develop, contact extension personnel for assistance.

The WI-1, soils information, and a copy of the water analysis are being forwarded to the State Conservation Commission for their action.

Sincerely yours,

L O Fine

L. O. Fine
Water Quality Lab

LOF:ckb
Enclosures
cc: State Conservation Commission

P.S. These lands should be kept in forage crops such as grass-alfalfa mixtures 75-80% of the time. Cash cropping will be extremely disappointing.

No. 3170-3

Publish first publication, on or before

November 4, 1976

NOTICE OF INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

October 29, 1976

Notice is hereby given that Douglas L. Salverson

whose post office address is Mound City, South Dakota, has made an application in accordance with the provisions of the water laws of South Dakota for

a permit to appropriate for beneficial use 4.5 cubic feet of water per

second of time from the ~~xxx~~ ground water through the

Salverson #1, the point of diversion of which is to

be located in the SE1 SE1

of Section 9, Twp. 125N, Range 76W. Said water to be used for the purpose of providing irrigation on the following described land:

S1/2, Section 9, T125N, R76W

This application No. 3170-3 will be considered by the Water Rights Commission at the Marvin Pughitt Hotel in Huron, S.D.

upon the 17th day of November, 1976 at 10:00 A. .M. All interested persons may appear and be heard.

WATER RIGHTS COMMISSION

By:

BURTON F. JONES, Water Rights Specialist

BFJ/hw

cc: Douglas L. Salverson, Mound City, S.D.

57646

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

No. 3170-3

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Campbell) ss.

I, William R. Bonnersbach hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Prairie Picayune

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 Herreid

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

Nov. 4, 1976 and Nov. 11, 1976

William R. Bonnersbach
(Signature)

Publ. Sec.
(Title)

Nov. 4, 1976

(Date Signed)

NOTICE OF INTENT TO
APPROPRIATE WATER

Pierre, South Dakota 57501
October 29, 1976

Notice is hereby given that
Douglas L. Salverson, whose
post office address is Mound
City, South Dakota, has made
an application in accordance with
the provisions of the water laws
of South Dakota for a permit to
appropriate for beneficial use 4.5
cubic feet of water per second of
time from ground water through
the Salverson No. 1, the point of
diversion of which is to be lo-
cated in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Sec-
tion 9, Twp. 125N, Range 76W.
Said water to be used for the
purpose of providing irrigation
on the following described land:

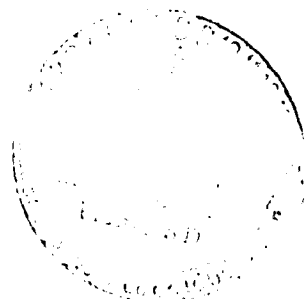
S $\frac{1}{2}$, Section 9, T125N, R76W

This application No. 3170-3
will be considered by the Water
Rights Commission at the Marvin
Huggett Hotel in Pierre, S. D.
upon the 17th day of November,
1976 at 10:00 A.M. All interested
persons may appear and be
heard.

WATER RIGHTS
COMMISSION

Burton F. Jones,
Water Rights Specialist

(Publ. Nov. 4 and 11, 1976)



Form 10.

No. _____

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



Post Office Mound City, SD
Date 5-12-77

TO: Water Rights Commission
Joe Foss Building
Pierre, South Dakota 57501

Dear Sirs:

This is to inform you that I have completed the construction of the water diversion system and/or that I have put the water to beneficial use to the maximum extent it is going to be used, not exceeding the amounts as specified in Water Right Permit No. 3170-3.

Water Right Permit No. 3170-3 states that the diversion system is to be constructed by 11-18-82, 1981 and that the water is to be put to beneficial use by 11-18, 1983.

The diversion system was completed on 5-12, 1977.
Applying the water to beneficial use was completed on 5-12, 1977.

You may schedule an inspection so that the Certificate of Construction and/or the Water License may be issued, thus completing my acquisition of a water right.

Angelo J. Salas
(Signature)

Permit No. 3170-3Water Division 3 Missouri River Water DistrictREPORT OF EXAMINATION OF WORKS
AND/OR APPLICATION OF WATER TO BENEFICIAL USE

TO: Water Resources Commission, State Office Building No. 2, Pierre, South Dakota 57501

I have this day made a thorough examination of the water use system constructed by Douglas L. Salvo of Mound City, South Dakota holder of Permit No. 3170-3, bearing date of priority of October 21, 1976 authorizing the diversion of 4.5 cu. ft. per second of the waters of Ground for Irrigation purposes, in Campbell 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:

Motor - General Electric, Model 5KE257XN501A,
Ser# BNJ 223400, 100 HP.

Pump - Byron Jackson, Ser# THH7321 pumping 1000 gpm

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

4200 ft 10" Dia Aluminum Pipe

C. Works used to apply water to beneficial use.

Center Pivot - Electrozator Model 2-CE5, Ser# 477C4342.

The system is in the following condition: Good

The point of diversion is located 60 ft North and 200 ft West of the SE corner of Section 9, T125N R 76W

The works are capable of diverting and conveying to the place of use 2.23cu. ft. per second of water which is to be used for IrrigationWater has been put to beneficial use to the maximum extent as follows: All in section 9, T125N R 76W

NW 1/4 SW 1/4 - 33 Ac., NE 1/4 SW 1/4 - 33 Ac., SW 1/4 SW 1/4 - 33 Ac., SE 1/4 SW 1/4 - 33 Ac.,
NW 1/4 SE 1/4 - 33 Ac., NE 1/4 SE 1/4 - 33 Ac., SW 1/4 SE 1/4 - 33 Ac., SE 1/4 SE 1/4 - 33 Ac.

comprising a total of 264 acres of land.

Well Data: Depth 294 ft
Depth to water 231 ft
but dropped to 152 ft while pumping
Capacity 1000 gpm

Date October 7, 1977

Leroy J. McNaught
(Signature)



3170-3

Department of Water & Natural Resources

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

January 9, 1988

DOUGLAS SALVERSON
BOX 20
MOUND CITY, SD 57646

NOTICE

Re: Violation of Requirement To Submit 1987 Irrigation
Questionnaire

Our records indicate that the 1987 Irrigation Questionnaire has not been submitted for Permit No(s). 3170-3. 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 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 9:00 am, March 2, 1988 in Room 216, Joe Foss Building, 523 E Capitol, Pierre SD.

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

1. Amend Permit No(s). 3170-3 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.

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, your name will be deleted from the agenda for the hearing.

SOUTH DAKOTA
Department of
Water & Natural Resources

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

February 9, 1988

3170-3

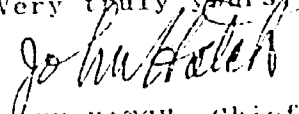
Douglas Salverson
Box 20
Mound City SD 57464

Dear Mr. Salverson:

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. 3170-3 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 17, 1989

Douglas Salverson
Box 20
Mound City, SD 57646

Dear Mr. Salverson:

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

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

The new standards include:

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



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

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

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

Very truly yours,

John W. Hatch

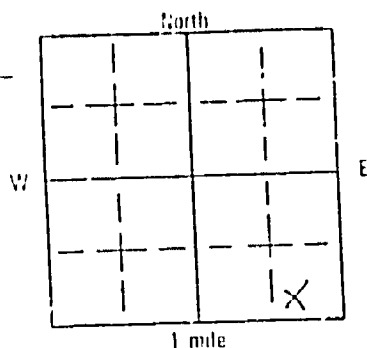
for JOHN HATCH, Chief Engineer
Water Rights Division

SOUTH DAKOTA WATER WELL COMPLETION REPORT

10-85 3170-3

Location SE 1/4 SE 1/4 Sec 9 Twp 125N Rg 76WCounty Campbell

Please mark well location with an "X"

Well Completion Date 4-3-89

PROPOSED USE:

☐ Domestic ☐ Municipal ☐ Test Hole
☒ Irrigation ☐ Industrial ☐ Stock

Method of Drilling:

Reverse

CASING DATA:

☐ Steel ☒ Plastic ☐ Other

If other describe _____

PIPEWEIGHT	DIAMETER	FROM	TO	HOLE DIAMETER
LB/FT <u>16</u>	IN <u>16</u>	FT <u>0</u>	FT <u>200</u>	IN <u>25</u>
LB/FT _____	IN _____	FT _____	FT _____	IN _____
LB/FT _____	IN _____	FT _____	FT _____	IN _____
LB/FT _____	IN _____	FT _____	FT _____	IN _____

GROUT:

Was the well grouted? ☒ YES ☐ NOTo what depth? 20 FEETWhat is grouting material? Cement & GravelIf cement, number of sacks? 30Describe grouting procedure Drill

What was grout weight? _____ LB/GAL

SCREEN: ☐ Perforated pipe ☒ ManufacturedDiameter 16 IN Length 80 FEETMaterial GravelSlot Size 0.57 Set From 200 Feet To 280 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

Name Doug SalversonAddress Selby, S.D. 57472

Well Log:

Formation

Depth

	From	To
Top Soil	0	2
Sand & gravel	2	20
fine sand	20	30
blue clay layer of coal	30	40
blue clay soft	40	60
blue clay	60	177
blue clay traces of med. sand	177	190
blue clay w/ sand streaks	190	205
real fine sand	205	217
coal & fine sand	217	220
blue clay & fine sand streaks	220	250
blue clay	250	260
coal & fine sand	260	263
rock	263	264

STATIC WATER LEVEL 70 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☐ OtherDescribe: 925 b p m
Test

Pumping Level Below Land Surface

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

_____ ft. After _____ Hrs. pumped _____ GPM

REMARKS:

Coal med & fine sand	264	270
Coal - fine sand	270	273
Coal - coarse sand streak	273	281
Clay	281	283

TD 280'

This is a replacement wellThis well was drilled under license # 440

And this report is true and accurate.

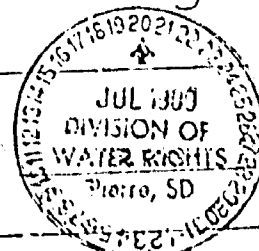
Drilling firm Pullman Well Drilling

Signature of license Representative:

J. E. Kuhl Packer

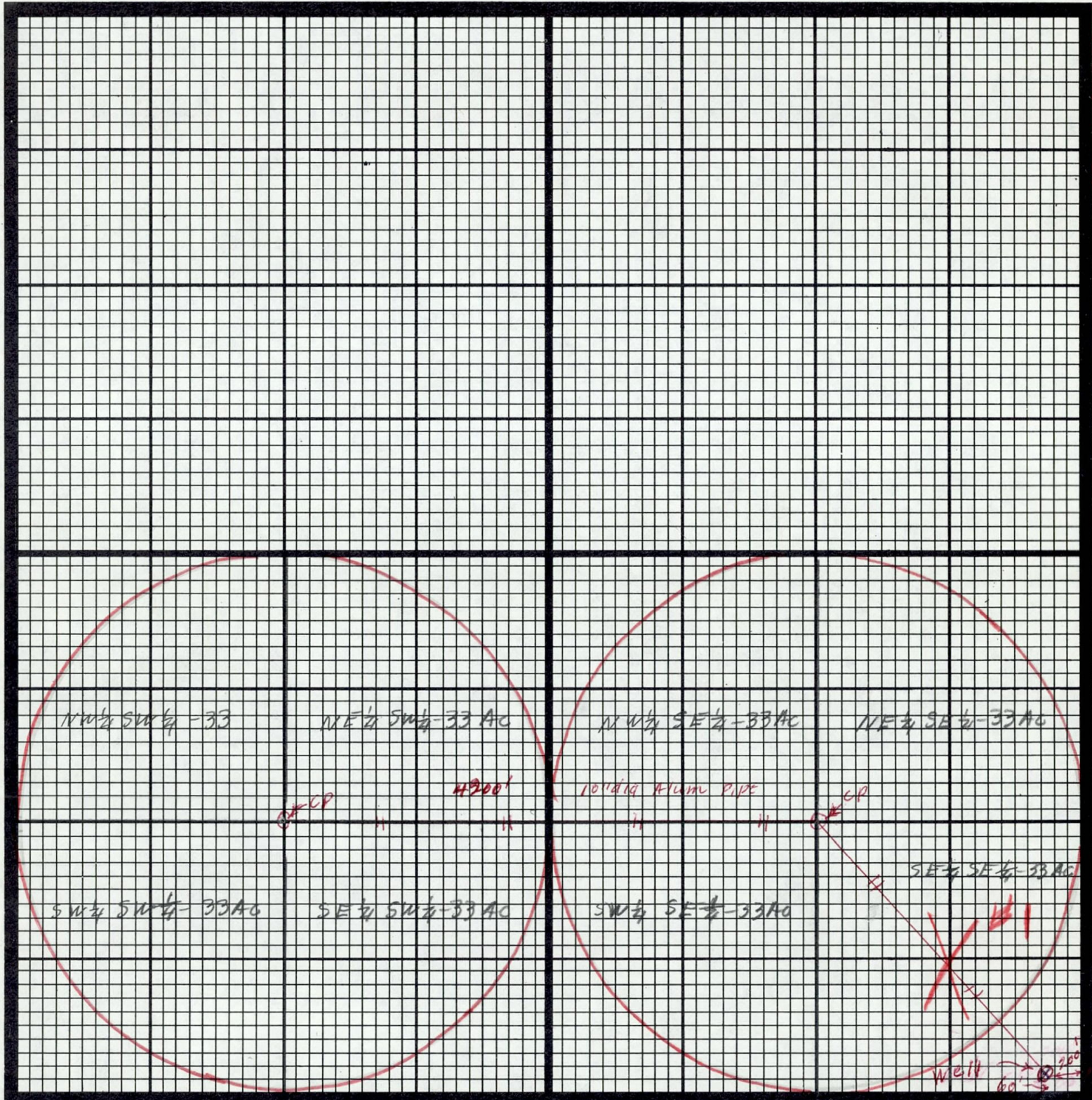
Signature of Well Owner

Date

7-18-89

HURON DRILLING INC.
WELL LOCATION MAP

NAME Douglas L. Salverson DATE October 18, 1976
WELL NO. #1 SE QUARTER, SECTION 9
TWP. 125 RANGE 76 IN Campbell COUNTY



Prepared By

Dick Fadgen

Dick Fadgen

Beadle County Extension Agent

X — PROPOSED LOCATION

200'
60'

APPL. NO. 3170-3
MAP NO. 2511-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

February 28, 2024

3170-3

Scott & Rosanne Lohman
13404 379th Ave
Aberdeen SD 57401

Dear Mr. & Ms. Lohman:

It has been brought to the attention of our office that the property authorized for irrigation under Water Right No. 3170-3 has been sold to you. For your convenience I have enclosed a partially completed "Transfer of Ownership" form for you to complete and return in the pre-paid envelope.

Please return the form with a check for \$50.00 made payable to "SD Water Rights Program" to cover the transfer fee. If you would prefer to pay by card you may call our Fiscal Office at 605.773.4216. This form will still need to be returned even if you are submitting payment over the phone.

Should you decide you wish to discontinue the irrigation on this piece of land, we would ask that you let us know.

If you have any questions or concerns, please give me a call.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosure



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

March 15, 2024

3170-3

Scott & Rosanne Lohman
13404 379th Ave
Aberdeen SD 57401

Dear Mr. & Ms. Lohman:

I have received your "Notice of Transfer of Ownership" form and the required fees. Enclosed is a receipt of payment and copy of the original water right for your records.

Water Right No. 3170-3 previously owned by Douglas Salverson is now listed under yourselves. I have also updated your contact information in our system.

As a reminder, so long as you use the water beneficially, as stated in the Water Right, State Water Laws provide that you have a continuing right to use the water. Should the water not be put to beneficial use for a period longer than 3 consecutive years, without legal excuse, the Water Right will be subject to cancellation.

If you have any questions, please contact me.

Sincerely,

Amanda Dewell
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosure

NOTICE OF TRANSFER OF OWNERSHIP

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

PAID

MAR 13 2024

Ck# 1218

Rec't# 313/24

No. 3170-3

Date: 3/7/24

I/We request that Water Right No. 3170-3

formerly owned by: Douglas L Salverson

be transferred to: (name & address) Scott & Rosanne Lohman; 13404 379th Ave, Aberdeen SD 57401

Email: Scott.L.Lohman@gmail.com Telephone No. 605-290-2835

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

264 acres – S ½ Section 9, T125N, R76W

☒ I/We understand that the validity of Water Right No. 3170-3 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 Fifty Dollars (\$50.00) is required to cover the filing fees as required under SDCL 46-2-13. This form must be signed by the new owner.

I/We Scott & Rosanne Lohman, the new owner, certify that the above information is true and correct.

Scott & Rosanne Lohman
(Signed by new owner)

NOTE: Water permits may be cancelled for nonconstruction after the five year construction period has expired. 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.

RECEIVED

MAR 13 2024

OFFICE OF
WATER

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Agriculture and Natural Resources

Date March 13, 2024

RECEIVED OF Scott/Rosanne Lohman 13404 379th Ave., Aberdeen SD 57401

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 <u>3170-3</u>	\$ <u>50.00</u>
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law)	
TOTAL	\$ <u>50.00</u>

By Eric Gronlund
Chief Engineer
EG