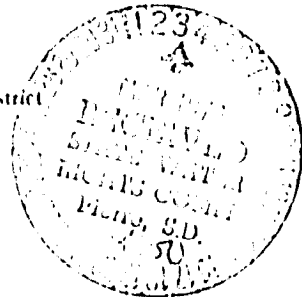


2662-3

1. Considered MAY 20, 1976
2. Name of Applicant CURTIS L. HANSEN
3. Post Office Address SUMMIT
4. Amount of water claimed 4.0
5. Source of water supply 2-65' DEEP WELLS
6. Water to be used for IRRIGATION
Acres to be irrigated 290
7. Water to be diverted and used in ROBERTS county
about 5W, 5N miles of SUMMIT
8. Proof of Publication Received 5-19-76
Not received _____
9. Application Approved _____
Subject to _____
Not Approved _____
Action deferred _____
10. Remarks:

No. 2662-3Map No. 2028-3 Water Division No. 3 WHETSTONE CREEK District _____
(Blanks to be Filled by the Engineer for the W. R. C.)

APPLICATION FOR PERMIT

To Appropriate Water within the State of South Dakota

(NOTE—Draw a line through items not applicable)

1. Name of Applicant Curtis L. Hansen
 Post-office address Route # 1 Summit, State South Dakota
 If a corporation show date and place of incorporation _____
2. Method of accomplishing work (contract, employment of others, or by direct labor) Contract & Direct Labor
3. Name of diversion work Hansen Irrigation Works
4. Amount of water claimed (cubic feet per second) 4
5. Source of water supply 2 Wells
6. Location of point of diversion Well # 1 1810 Ft. NW 3 315° of SE corner Section 11-T122N-R52W.
Well # 2 1955 Ft SW 4 226° of SE corner Section 11-T122N-R52W. Degrees clockwise
of GN. County Roberts
7. Annual period or periods during which water is to be used Spring, Summer & Fall
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 290

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 SE 1/4 Sec. 11-122-52	40	NW 1/4 of NE 1/4 Sec. 14-122-52	38
NE 1/4 of SE 1/4 Sec. 11-122-52	40	NE 1/4 of NE 1/4 Sec. 14-122-52	37
SE 1/4 of SE 1/4 Sec. 11-122-52	40	SE 1/4 of NE 1/4 Sec. 14-122-52	38
SW 1/4 of SE 1/4 Sec. 11-122-52	20	SW 1/4 of NE 1/4 Sec. 14-122-52	37

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 5 years.
11. Choice of newspaper for Notice of Intent to Appropriate Water publication Sisseton Courier
12. Principal Features of the Proposed Water Supply System.

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

B. Works proposed to transport water to place of use.
Steel pipe from well next to pivot.

C. Works proposed to apply water to beneficial use.

Center pivot irrigation system designed to irrigate 290 acres.

Estimated Total Cost \$ 80,000

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 Roberts

I, Curtis L. Hansen 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 Curtis L. HansenSubscribed and sworn to before me this 17 day of Aug 1976

Notary Public (or other qualified officer)

WATER RIGHT APPLICATION APPROVAL

The Water Rights Commission hereby approves Water Right Application No. 2662-3CURTIS L. HANSSEN
(Applicant)ROUTE #1, SUMMIT
(Post Office Address)SOUTH DAKOTA 57266 With the following modifications:
(State)

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

THE IRRIGATION WELL OWNER SHALL CONDUCT A PUMPING TEST MONITORED BY THE COMMISSION STAFF TO DETERMINE POSSIBLE EFFECTS TO NEARBY DOMESTIC WELLS BEFORE ANY IRRIGATION SYSTEM IS PLACED INTO OPERATION.

Date of first receipt of application MARCH 3, 1976Date of return to applicant for correction, amendments or changes required ---, 19---Date of receipt of corrected application MARCH 22, 1976Approved JULY 22, 1976, Recorded in Book 15 Page 209WATER RIGHT PERMIT NO. 2662-3

The Water Rights Commission hereby grants and issues this Water Right Permit No. 2662-3 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 MARCH 3, 1976
2. The equivalent of at least one-fifth of the work above specified is to be completed on or before JANUARY 22, 1978
3. The whole of said work is to be completed on or before JULY 22, 1979
4. The limit of time from a proof of beneficial use of water appropriated in accordance herewith is JULY 22, 1981
5. The water appropriated shall be used for the purpose of IRRIGATION
6. The prior rights 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 4.0 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 JULY 22, 1981; said water to be used during the following described annual period: SPRING, SUMMER, FALL

Witness my hand this 23RD day of JULY, 1976

WATER RIGHTS COMMISSION

By:

John H. H. H.
Chief Engineer, Executive Officer

Certificate of Construction Issued _____, 19____

Water License Issued _____, 19____

Janssen test wells

65' deep

Depth to water bearing
material 20'

Depth to bottom of material 60'

40' of water bearing
material

Investigation well Center SE 1/4 Sec 11 &
Curtis L. Hansen NE 1/4 Sec 14 112-52
R.R. #1 W.R. Appl.
Summit 2662-3
398-6363

Talked to his wife
& his father, Lester Hamman

Use his domestic well
for observation well
31' deep
25.6' to water 6-8-76
5.4' of water

Willie and Pearl Hamman
Summit 5104 Sec 2-T122-K52

Depth of well 125'
2' of fill
10' of sand near surface
then blue clay and 5'
of sand at bottom
of well.

Reconstructed 1975
should be an adequate well

could not measure
water level because
of top sealed.

We tried Mr. Hamman reported
to contact that Alfred Hickelman
Elmer Engstrom well was 400 deep
Attorney for
Mr. Hickelman

Mr. Roger Hamman rents
Sylvan T. Lacell land
W 1/2 Sec 13-122-52
(320 acres)

Mr. Willie Hamman
& advised that there
are no buildings
or wells on this land

Unable to contact Mrs Ed
Dahl, Wabag
NE 1/4 4-T122-K52

Need difference in elevations
Dahl, Hamman, Hickelman
& Hansen

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

D. Well Information or Estimates

(1) Drill Hole Diameter 8XX 42", Depth 65'
 (2) Casing, Type Steel Diameter 24" Thickness 3/8"
 (wood, concrete, steel, etc.)
 (3) Perforated Screen
 Type Steel, Diameter 24", Length 40'
 (4) Gravel Pack, Thickness 9", Length of gravel pack 50'

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 Gravel (well log to be attached)

Depth to top of water bearing material 20'

Depth to bottom of water bearing material 60'

Thickness of water bearing material 40'

Depth to water (ground surface to water level) 20'

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

On same owner's property # 1 -97 rds. On property owned by others #1 -259 rds
2 -121 #2-328

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.

N7A

Charles J. Wessers
 Signature of Applicant



May 18, 1976

Mr. Curtis L. Hanssen
R.R. #1
Summit, SD 57266

Dear Mr. Hanssen:

The two water samples you submitted here recently have been analyzed and the reports are enclosed for your use and keeping. Along with this, I am sending a copy of AES publication #13 with the two red crosses on the outside back cover signifying the approximate quality of them for irrigation purposes. You will see that they are very similar indeed with sample 453 being slightly more salty than 454. However, they are both very low in sodium.

Consequently, these waters should cause no chemical difficulty in the irrigation plans which you have. The soils are moderately permeable or more permeable than that, and internal drainage should be adequate for all contingencies.

Accordingly, I am sending a copy of this letter, and of your application materials, plus a copy of the water analyses to the State Conservation Commission with a recommendation that your permit be granted. You will be hearing from them directly as to their action.

Sincerely yours,

L. G. Fine

L. G. Fine
Water Quality Lab

LOF:ckb

Enclosures

cc: State Conservation Commission

D. Pahl

Joe Schuch, County Extension Agent



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

FOR COMMISSION
Irrigation System:
Water Quality:
Soils Capability:
Approved: [Signature]
Disapproved:

NAME: Curtis L. Hansen
ADDRESS: Route #1 Summit S. Dak 57266
COUNTY: Roberts

LEGAL DESCRIPTION

1. WELL LOCATION: Center of NE 1/4 of Sec 14, T. 122. - R. 52.
2. AREA TO BE IRRIGATED: Same

TYPE OF IRRIGATION

3. GRAVITY SPRINKLER (Indicate Type): Pingree or Lindsay
4. CROPS TO BE IRRIGATED: ALFALFA - Some Corn

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0-6%
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Fert. L. H.

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 76-454
8. SALINITY: EC = 542 (medium)
9. SODIUM: SAR = 0.08 (low)



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

and:

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

Curtis J. Amos

Subscribed and sworn before me this

30th day of April 19 76.

Myrtle H. Shelton

Notary Public

(Title)

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

FOR COMMISSION
Irrigation System: _____
Water Quality: _____
Soils Capability: _____
Approved: [Signature]
Disapproved: _____

NAME: Carlisle L. Hansen
ADDRESS: Route 1 Summit, S.D. 57266
COUNTY: Roberts

LEGAL DESCRIPTION

1. WELL LOCATION: Center of SE 1/4, Sec 11, Twp 122, Rg. 52
2. AREA TO BE IRRIGATED: Same

TYPE OF IRRIGATION

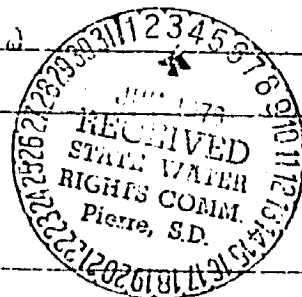
3. GRAVITY SPRINKLER (Indicate Type): Pipeline or Lindsay
4. CROPS TO BE IRRIGATED: ALFALFA - Some Corn

LAND CAPABILITY FOR IRRIGATION

5. PERCENTAGE OF SLOPE: 0 - 3%
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION: Fordville

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NO.: 76-453
8. SALINITY: EC = 590 μ mhos/cm (medium)
9. SODIUM: SAR = 0.20 (low)



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

Soils and Soil Conservation Service

and:

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

Curtis E. Harrison

Subscribed and sworn before me this

30th day of April 1976.

Myrtle H. Harrison

Notary Public

(Title)

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

Submitted by: Curtis L. Hansen
Address: Rt. 1
Summit, SD 57266

Date Rec'd: May 3, 1976
Sample No.: 76-454
Identification: Well-
1E1, Sec. 14, T. 122N, R. 52W

WATER ANALYSIS

Calcium (Ca)	74	ppm*	3.70	me/l**
Magnesium (Mg)	23	ppm	1.89	me/l
Sodium (Na)	3	ppm	0.14	me/l
Potassium (K)	4	ppm	0.10	me/l
Sulfate (SO ₄)	18	ppm	0.37	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	4	ppm	0.10	me/l
Bicarbonate (HCO ₃)	285	ppm	4.68	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)	234	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	542	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.08			
Sodium	2.40	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	7.72			

Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 5.83 me/l
Total anions 5.15 me/l



By: Shirley Hitten

Service Performed	Amount Due
Irrigation analysis	\$8.00

Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-454

Amount Enclosed \$

Signed

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

Submitted by: Curtis L. Hansger Date Rec'd: May 3, 1976
Address: Rt. 1 Sample No. 76-453
Summit, SD 57266 Identification: Well
S32, Sec. 11, T. 122N, R. 52W

WATER ANALYSIS

Calcium (Ca)	76	ppm*	3.80	me/l**
Magnesium (Mg)	26	ppm	2.13	me/l
Sodium (Na)	8	ppm	0.35	me/l
Potassium (K)	8	ppm	0.21	me/l
Sulfate (SO ₄)	47	ppm	0.98	me/l
Nitrate (as N)		ppm		me/l
Chloride (Cl)	12	ppm	0.33	me/l
Bicarbonate (HCO ₃)	303	ppm	4.96	me/l
Carbonate (CO ₃)		ppm		me/l
Iron (Fe)		ppm		me/l
Fluoride (F)		ppm		me/l
Hardness (EDTA as CaCO ₃)		ppm		g.p.g.***
Alkalinity (Methyl Orange)	248	ppm (as CaCO ₃)		
Alkalinity (Phenolphthalein)	0	ppm (as CaCO ₃)		
Electrical Conductivity	590	micromhos per cm at 25° C.		
Sodium Adsorption Ratio	0.20			
Sodium	5.39	% of cations		
Residual sodium carbonate	0.00	me/l		
pH	6.48			

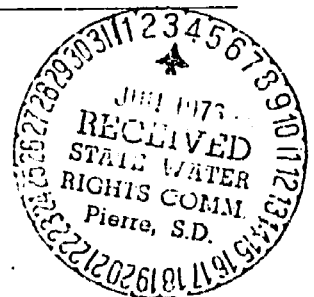
Others:

*ppm=parts per million

**me/l=millequivalents per liter

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

COMMENTS: Total cations 6.49 me/l
Total anions 6.27 me/l



By: Shirley Litten

Service Performed	Amount Due
Irrigation analysis	\$8.00

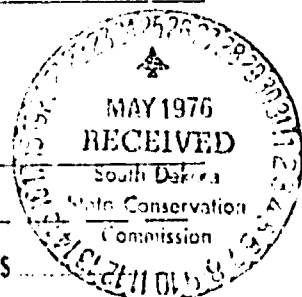
Make checks payable to: Water Quality Laboratory

Cut along dotted line and return the lower portion with payment

Sample No. 76-453

Amount Enclosed \$

Signed



CONSERVATION
COMMISSION
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 WELL IRRIGATION ONLY)

FOR COMMISSION USE ONLY
IRRIGATION SYSTEM _____
WATER QUALITY _____
SOILS CAPABILITY _____
APPROVE Alfred D. [Signature]
DISAPPROVED _____

NAME Curtis L. Hansen

ADDRESS Route # 1, Summit

COUNTY Roberts

LEGAL DESCRIPTION

1. WELL LOCATION # 1
2
2. AREA TO BE IRRIGATED 290 Acres

TYPE OF IRRIGATION

3. GRAVITY _____ SPRINKLER (INDICATE TYPE) Center pivot
4. CROPS TO BE IRRIGATED General row crops and small grains, about 50% of land,
Alfalfa and grass on about 50% of land.

LAND CAPABILITY FOR IRRIGATION

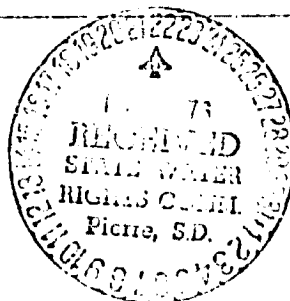
5. PERCENTAGE OF SLOPE 0-6, Majority is 0-3%.
6. PHYSICAL SOILS CLASSIFICATION FOR IRRIGATION IIs, IIIs. Soils shown as class VIe6
will be kept in permanent grass.

WATER QUALITY (TO BE COMPLETED BY COMMISSION)

7. SAMPLE NUMBER _____

8. SALINITY _____

9. SODIUM _____



I DO HEREBY CERTIFY THAT A CHEMICAL ANALYSIS OF THE GROUND WATER TO BE
ACQUIRED FOR IRRIGATION FROM SOUTH DAKOTA STATE UNIVERSITY AND:
THE LAND CAPABILITY FOR IRRIGATION INFORMATION HAS BEEN ACQUIRED FROM

ROBERTS CONSERVATION DISTRICT

AND:

THAT THE LEGAL DESCRIPTION FOR THE LOCATION OF THE WELL AND LAND TO BE
IRRIGATED IS TRUE AND CORRECT.

Curtis J. Hanssen

SUBSCRIBED AND SWORN BEFORE ME THIS

27 DAY OF Feb 1976

Elmer A. Hansen

Notary Public

(TITLE)

SD-CONS-31A
5/75

SOIL MAP

Owner CURTIS L. HANSEN Operator Same

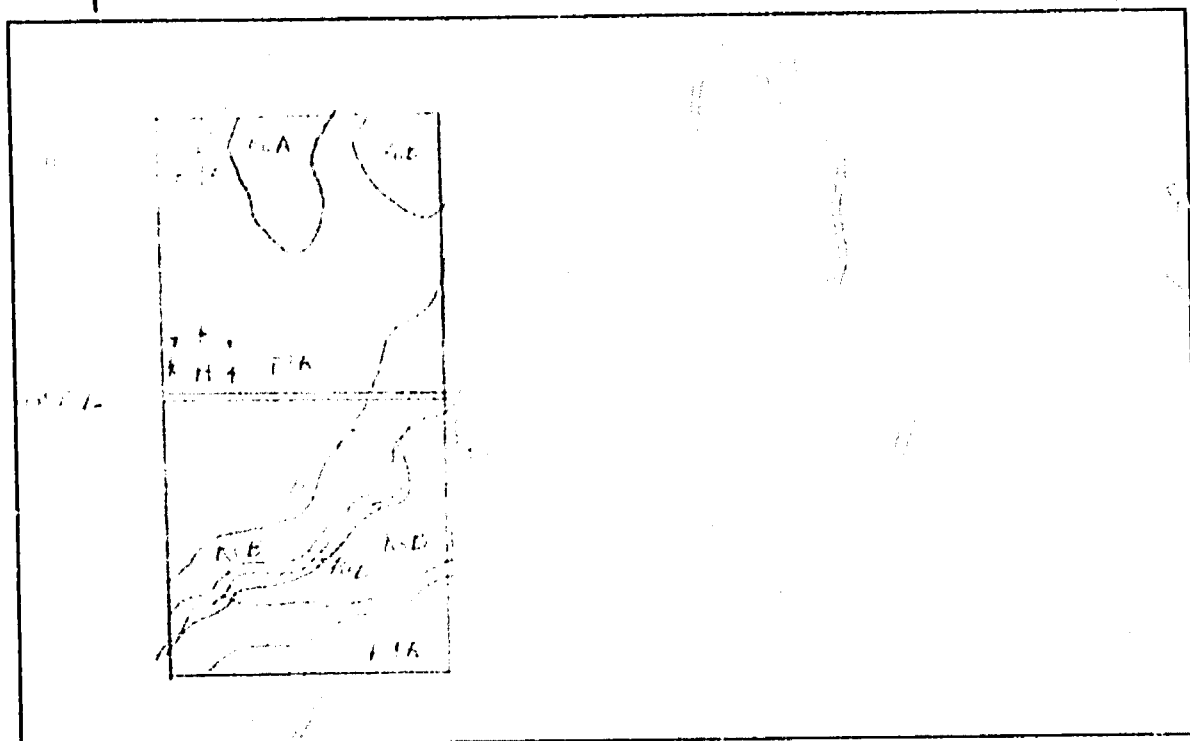
County Roberts State S.D.

Soil survey sheet(s) or code No. (s) 81 Approximate scale 1:3,14

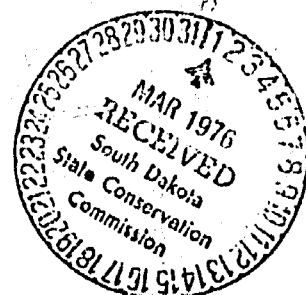


Prepared by U.S. Department of Agriculture, Soil Conservation

Service cooperating with Roberts Conservation District



SOIL MAP LEGEND



Name	Slope	Intake Faculty	Water Holding Capacity
Fordville	0-3	1.0	5"

Irrigation description

Low or moderate available water capacity; moderate intake rate; sand and gravel below 20 inches.

Renshaw	0-3	2.0	3.5"
	3-9	2.0	3.5"

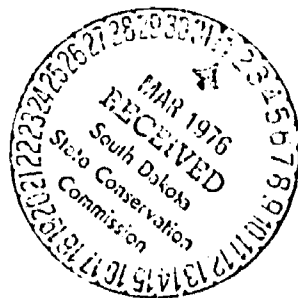
Irrigation description

Low available water capacity; rapid intake rate; erosion hazard on slopes.

Vienna	2-6	0.5	5"
--------	-----	-----	----

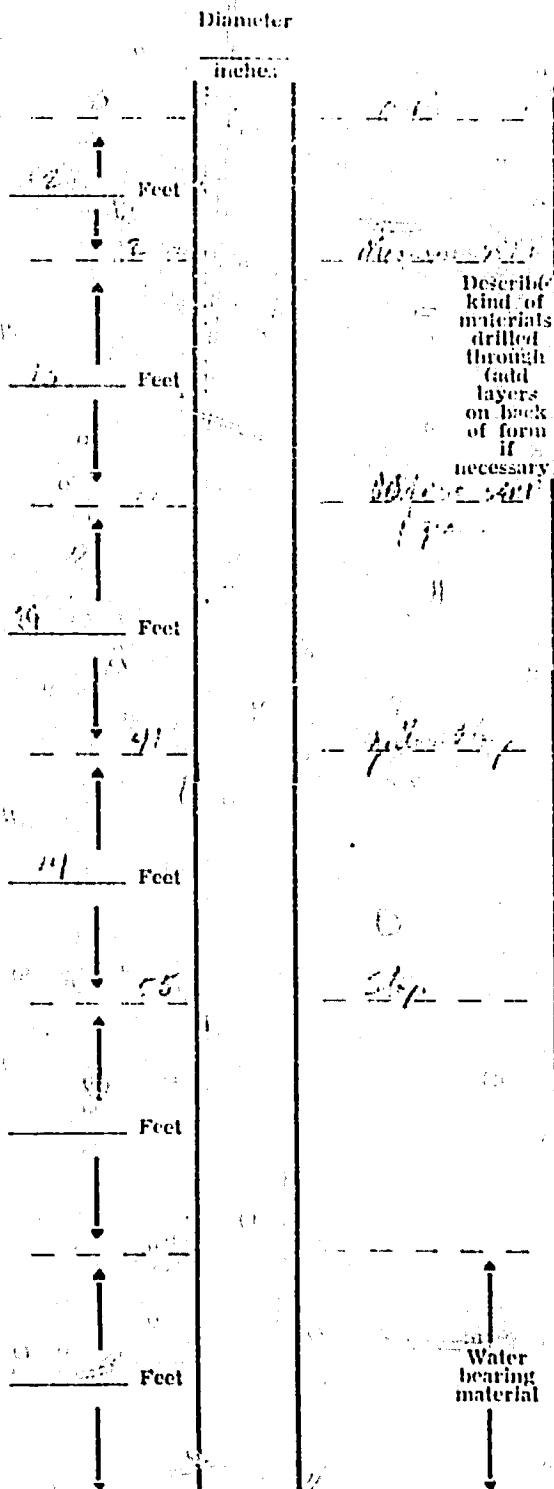
Irrigation description

High available water capacity; moderately slow intake rate; moderately well drained.



DRILLER'S LOG OF WELL

Location of Well: SE Section 11 Township 122 N Range 52 W
 Well to be drilled for: Water (Name)
 Owner of land (if other than above): _____ (Name)
 Date well drilling started: _____ finished: _____
 Purpose of well: _____
 (domestic, irrigation, municipal, industrial, other)



Ground Surface Elevation: _____ (If Available)

Kind and thickness of casing to be installed:

Describe kind of materials drilled through (add layers on back of form if necessary)

Size of casing to be installed:

_____ feet of _____ inches diameter
 _____ feet of _____ inches diameter
 _____ feet of _____ inches diameter

Type of seal between casing sizes:

Kind of perforated screen to be installed:

Material _____ (steel, wood, concrete, etc.)

Size of screen:

Diameter _____ inches
 Length _____ feet
 Size openings _____ inches

Depth below ground surface to which water rises

_____ feet.

DRILLER'S LOG OF WELL

Location of Well: NE Section 12 Township 122 Range 52

Well to be drilled for: Water (Name) Address

Owner of land (if other than above): (Name) (Address)

Date well drilling started 7-27-22 finished 7-27-22

Purpose of well (domestic, irrigation, municipal, industrial, other)

Diameter	Ground Surface Elevation
inches	(If Available)
2	Kind and thickness of casing to be installed
15	Describe kind of materials drilled through (add layers on back of form if necessary)
70	Size of casing to be installed:
25	feet of inches diameter
10	feet of inches diameter
45	feet of inches diameter
	Type of seal between casing sizes:
	Kind of perforated screen to be installed:
	Material (steel, wood, concrete, etc.)
	Size of screen:
	Diameter inches
	Length feet
	Size openings inches
	Depth below ground surface to which water rises
	in well feet.

Water bearing material

DRILLER'S LOG OF WELL

Location of Well: SE 34.

1. Section

Discussion

Well to be utilized for

John J. O'Connor
(Name)

Notes

Owner of land (If other than above)

Die well drilling tar o

Purpose of well

[illegible]

Director

[Illegible handwritten signature]

Vertical Surface: 1.0 x 1.0 m.

417 Available

File No. 2402

ished and the same day calling to "Insistent."

Describe
kind of
materials
drilled
through
cadd
flyes
on back
of form
if
necessary

Size of casing to be installed

14. 100 feet of 12 inches diameter

feet of inches diameter

feet of inches diameter

Type of gap between casing sizes:

Kind of perforated screen to be installed:

Material (steel, wood, concrete, etc.)

Size of screen:

Diameter inches

Length feet

Size openings	inches
---------------	--------

Depth below ground surface to which water rises

In well feet.

Form 10.

No. 2662-3



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

Post Office Summit S D & C

Date April 5 1977

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. 2662-3.

Water Right Permit No. 2662-3 states that the diversion system is to be constructed by Jan 22, 19 78 and that the water is to be put to beneficial use by July 22, 19 81.

The diversion system was completed on Apr. 5, 19 77.
Applying the water to beneficial use was completed on 4-5-77, 19 77.

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.

Carl E. Hansson
(Signature)

Published at publication, on or before May 6, 1976NOTICE
INTENT TO APPROPRIATE WATER

Pierre, South Dakota 57501

April 13, 1976

Notice is hereby given that Curtis L. Hanssen
whose post office address is Summit, 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
4.0 cubic feet of water per second of time from ~~tax~~ ground water through the
Hanssen Irrigation Works, the point ^s of diversion of which ^{are} to be located in ~~tax~~
near the center of the NE1/4, Section 14, and near
the center of the SE1/4

of Section 11, Twp. 122N, Range 62W. Said water to be used for the purpose
of providing irrigation on ^{portions of} the following described land:

NE1/4, Section 14; SE1/4, Section 11, T122N, R52W

2662-3

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

WATER RESOURCES COMMISSION

By:

BURTON F. JONES
Water Rights SpecialistBFJ/bw
cc:

Curtis L. Hanssen, Route #1, Summit, S.D. 57266

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)
County Roberts) ss.

I, Jack Adams hereby
certify that the annexed printed copy of Notice of Intent to Appropriate
Water was taken from the Sisseton Courier

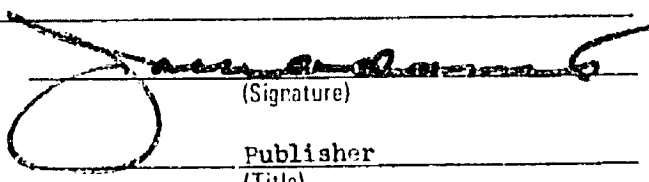
A newspaper which during the whole time of publication of said notice
herein after stated, has been and is printed and published in the

City Sisseton of

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

May 6, 1976

May 13, 1976


(Signature)

Publisher
(Title)

May 13, 1976
(Date Signed)

NOTICE INTENT TO
APPROPRIATE WATER

Pierre, S. D. 57501

April 13, 1976

Notice is hereby given that
Curtis L. Hanssen, whose post
office address is Sisseton, South
Dakota, has made an ap-
plication in accordance with the
provisions of the water laws of
South Dakota for a permit to
appropriate for beneficial use
4.0 cubic feet of water per
second of time from ground
water through the Hanssen
Irrigation Works, the points of
diversion of which are to be
located near the Center of the
NE 1/4, Section 14 and near the
Center of the SE 1/4 of Section 11,
Twp. 122N, Range 52W. Said
water to be used for the purpose
of providing irrigation on
portions of the following
described land: NE 1/4, Section
14; SE 1/4, Section 11, T122N,
R52W.

The application No. 2662-3
will be considered by the Water
Rights Commission at their
office at Pierre upon the 20th
day of May, 1976 at 1 p.m. All
interested persons may appear
and be heard.

Water Resources Commission
Burton F. Jones
Water Rights Specialist
(May 6-13-2w)





May 13, 1976

Dear Sir,

I am writing in concern of the matter of irrigation. A neighbor, Curtis Hanson of Summit, South Dakota, has filed an application for a permit to irrigate his land. The land to be irrigated is the NE $\frac{1}{4}$, Section 11; SE $\frac{1}{4}$, Section 11, T122 N, R52 W.

I am protesting against this irrigation permit. I feel the water level is too low in the area for someone to go ahead and irrigate. There are other farmers in the area that are short of water as it is. I feel this irrigation plan would not be very beneficial to us. These farmers that I am talking about are within a two mile radius to the north of Mr. Hanson's proposed irrigated land.

I am hoping that my letter of protest will be considered very much.

Thank You,
Willie Hammann
Pearl Hammann
Summit, SD

Waubay S.D. Dak.

May 13, 1976

Dear Sir:

In regard to the application of
Curtis L. Hansen of Summit S.D.
No 2662-3, We are opposed to
him getting this permit, because
we are afraid it will drain our
well and stock tanks.

Thank you

Mr and Mrs Ed Dahl

Waubay S.D.

57273



REPORT ON
CURTIS L. HANSSSEN WATER RIGHT APPLICATION NO. 2662-3
JULY 14, 1976

The Water Rights Commission deferred action at the May 20-21, 1976 meeting on the Curtis L. Hanssen water right application No. 2662-3 pending investigation by the Commission Staff. An investigation was conducted on June 8, 1976 and water level readings taken on two subsequent occasions.

Proposed Project

The application proposes to divert 4.0 cfs of water by means of two 65 foot deep wells to irrigate 290 acres located in the SE $\frac{1}{4}$ Sec. 11 and NE $\frac{1}{4}$ Sec. 14-T122N-R52W Reservation. (See Map).

Objections

The Commission deferred action on this application, when written objections were received from Willis Hamman, Sylvan T. Lasell, Elmer Engebretson representing Alfred Hinkelman and Ed Dahl. The objectors are concerned that pumping wells for irrigation will interfere with their domestic supplies.

Persons Contacted

Mrs. Curtis L. Hanssen and Willis Hamman were contacted on June 8, 1976, Ed Dahl was not at home, and Elmer Engebretson representing Alfred Hinkelman was not at his office. Mr. Lasell lives in Minnesota and Mr. Hamman rents his land.

Discussion

Mr. Hamman reported his well to be 125 feet deep and had been reconstructed in 1975. He also provided the following information:

0-2	Topsoil
2-12	Sand
12-120	Clay
120-125	Sand (producing sand)

The staff was unable to measure the water level in this well and Mr. Hamman was unsure what the water level was. Mr. Hamman also reported that Mr. Hinkelman's well was around 400 feet deep and also that the property rented by Mr. Hamman from Mr. Lasell does not contain a well or dugout.

Test holes drilled by Mr. Hanssen indicate 40 feet of saturated sands and gravels with 20 feet to water. Mr. Hanssen's domestic well is the closest well to the proposed irrigation wells and could serve as an observation well. The domestic well is 31 feet deep and had a static water level of 25.6 feet on June 8th and 25.5 feet on June 24th.

Elevations taken from a topographic map are as follows:

Proposed Irrigation well No. 1	1915 Ft. MSL
No. 2	1900 Ft. MSL
Hanssen Domestic Well	1910 Ft. MSL
Mallory Homesite	1915 Ft. MSL
Hamman Homesite and well	1905 Ft. MSL
Rented Land (Hamman from Lasell)	1950-1900 Ft. MSL
Dahl Homesite	1925 Ft. MSL
Hinkelman well	1950 Ft. MSL

Recommendations and Conclusions

As far as the objections expressed by Mr. Hamman and the others, their wells are probably not in the same aquifer. There should be no interference from the irrigation wells on these deeper wells. The Commission Staff also recommends pumping one of the irrigation wells and monitoring the Hanssen domestic well much the same as a pump test. This action could provide much needed information about the aquifer.

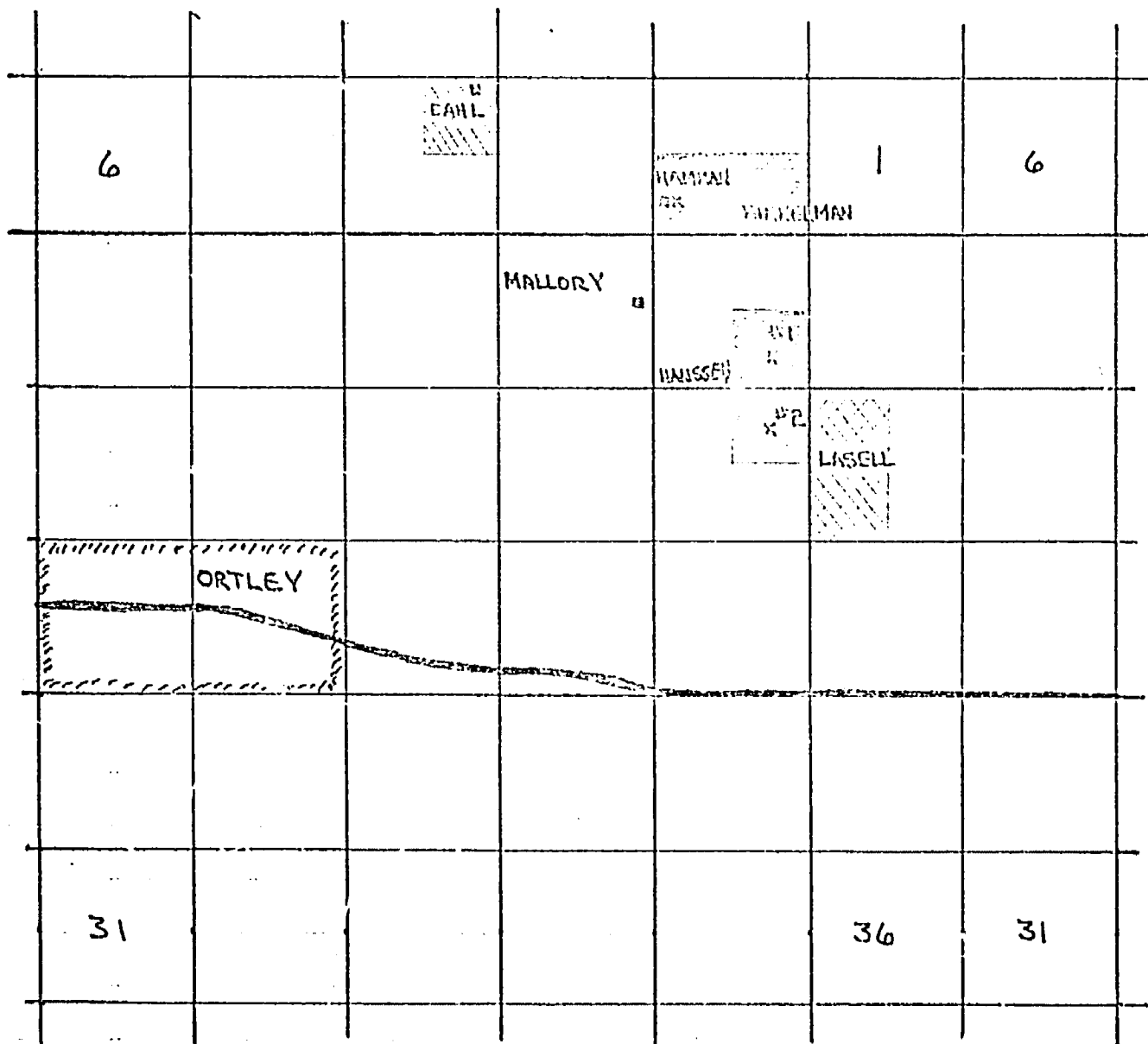
Based upon the information collected (well logs, test holes, and elevations), there is unappropriated ground water available and the Commission Staff recommends that the Curtis L. Hanssen Water Right Application No. 2662-3 be approved for 4.0 cfs with the following qualification:

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

The irrigation well owner shall conduct a pumping test monitored by Commission Staff to determine possible effects to nearby domestic wells before any irrigation system is placed into operation."

James A. Goodman
Water Resources Engineer

R 52 W



X - WELL

Butler COUNTY, SOUTH DAKOTA

TOWNSHIP No. 10 RANGE No. 1

(With surrounding tier of sections of adjacent townships)

36	31	32	33	34	35	36	31
1	6	5	4 E 1/2 Sec 4	3	2	1	6
12	7	8	9	10	11 Hickel Hickel	12	7
13	18	17	16	15	14 #1 1210' NW @ 315° of SW corner Sec 11 #2 1755' SW @ 225° of SE corner Sec 11 demonstrated elevation 10' up	13	18
24	19	20	21	22	23	24	19
25	30	29	28	27	26	25	30
36	31	32	33	34	35	36	31
1	6	5	4	3	2	1	6

July 16, 1976

Mr. Curtis L. Hanssen
Route #1
Summit, SD 57263

Dear Mr. Hanssen:

The Water Rights Commission will reconsider your deferred Water Right Application No. 2662-3 during their July 21-22, 1976 meeting, at 10:15 A.M., July 22, 1976. Any comments concerning this application can be presented at this hearing.

The Commission will be meeting in the Court Room, Tripp County Court House, Winner, South Dakota. Please advise if you have any questions concerning the hearing.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm

Enclosure

CCL Ed Dahl
Willie Hamman
Sylvan T. Lasell
Elmer Engebretson
Alfred Hinkelman

Summit, So. Dak.
July 19, 1976

Dept. of Natural Resource Development
Water Rights Commission
One Town Building
Pierre, So. Dak. 57501

Dear Sir:

I wish to express opposition to the granting of the Water Right Application No. 2662-3 in the name of Curtis L. Hansen. I feel the water level is too low in this locality to warrant this application for irrigation. I live in Section 19 of Summit Township, Kent Zubeke lives in Section 19 and farms land in Valley Township, Section 24.

Sincerely
Kent Zubeke
and
Raymond Zubeke



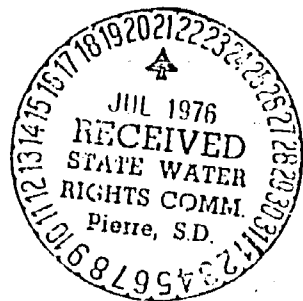
July 19-1976

Dear Sir

I hereby protest the application of
Curtis Hanson for irrigation.

Most people haven't got water
for their own use say nothing
about irrigating. Thank you

Calvin Wengen - renter
Gilbert Wengen - owner



Summit So Dak
July 19-1976.

Dear Sir:

I am writing in concern of the matter of irrigation, a neighbor Curtis L. Hansen of Summit So Dak has refiled an application for a permit to irrigate his land.

I am protesting against this irrigation permit. I feel the water level is too low in this area for someone to go ahead and irrigate.

There are other farmers in the area that are short of water as it is. I feel this irrigation plan would not be very beneficial to us.

I am hoping that my letter of protest will be considered very much.

Thank you
Willis Harmon
Summit So Dak

57266



Shirley

Re: 2662-3

May 26, 1976

Mr. Curtis L. Hanssen
Route # 1
Summit, SD 57266

Dear Mr. Hanssen:

The Water Rights Commission deferred action on your application No. 2662-3 at the May 20-21, 1976 Commission meeting, pending an investigation by the Commission staff.

We will contact you when the investigation is made.
If you have any questions, feel free to contact this office.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm

CC: Elmer Engebretson, Attorney

ELMER ENGBRETSON

LAWYER

WEBSTER, S. DAK. 57274

TELEPHONE 345-3822

May 17, 1976



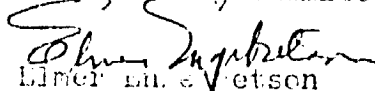
Mr. Burton F. Jones
Water Rights Specialist
Water Rights Commission
Pierre, South Dakota 57501

Dear Mr. Jones:

On behalf of Mr. Alfred Hinkelman, of Waubay, South Dakota, an objection is herewith made to application # 2662-3 of Curtis L. Hanssen, of Summit, South Dakota, to appropriate water of 4.0 cubic feet of water per second from ground water through the Hanssen Irrigation Works, as set forth in your notice of April 13, 1976, until sufficient investigation and proof can be made to establish conclusively that such appropriation of water will not jeopardize or adversely affect the adequacy of water for the primary purpose of water for livestock from a stock watering dam on the premises of Mr. Hinkelman. That this objection is made not only with reference to a possible immediate or temporary disturbance of water level or adequacy of water but also with reference to the possibility of the adequacy of water for livestock being adversely affected over a period of time. It is feared and, therefore, contended that the use of water from the wells for irrigation purposes, particularly of the capacity requested in the application by one or several farmers is bound to jeopardize and will endanger the adequacy of the water for livestock from a stock watering dam. It is further argued that if the undersigned and other persons similarly situated have to wait until there is a disturbance in the amount of water that irreparable damage may result. Therefore, until after thorough investigation and proof has been supplied the above application is hereby objected to and ask that the same be denied.

That in case any permit is granted, such permit be granted on the condition that if in the future the water level of the stock watering dam of Mr. Hinkelman is reduced or lowered then, without further order, Mr. Hanssen shall be required to diminish or terminate his pumping of water upon notice by Mr. Hinkelman.

Respectfully submitted,


Elmer Engbretson

LE/eas
cc:ah

P. O. Box 523
Rochester, Minn. 55901
May 15, 1976.

Water Rights Comm. Burton F. Jones,
Pierre, S. Dak. 57501.

Dear Sir: Re: Application no. 2662-3. 20th May 1976-1P. M. Hanssen Irrig. Works.

I am owner of W $\frac{1}{2}$ -Sec 13-122-52(320 acres) Ortlely Twp. Roberts County, S. Dak.
Mr Hamman who cultivates my land on a share basis has informed me of a proposal on the part of Mr. Curt Hanson on adjoining lands namely points of diversion located near the center of NE $\frac{1}{4}$ of Sec 14 and near center of SE $\frac{1}{4}$ of Sec 11 twp 122 N. R. 52 W. The purposes for beneficial irrigation on portions of NE $\frac{1}{4}$ of Sec 14 & SE $\frac{1}{4}$ of Sec. 11.

Mr. Hamman opposes this project by Mr. Hanson on the basis that said pumping at the rate of proposed pumping at 4.0 cubic feet per second may in fact create a water shortage for him.

Mr. Roger Hamman who farms my land has a larger share of the crop than I and provides the seed and power to cultivate the land. I am inclined to agree with him and having suffered from a lack of water both for livestock and crops on some of this very land during the so called "dirty thirties" fearing depletion of the various underlying water tables. These vary a good deal in this area which is apparently a glaciated section of S. Dak.

I am unable to appear on the date mentioned for the hearing but will extend this letter in opposition according to the knowledge and information available to me at this time.

Thanking you for your considerations I remain,

Most cordially yours,

Sylvan T. Lasell

Sylvan T. Lasell
P. O. Box 523, Rochester, MN 55901



Re: 2662-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, . Pierre, South Dakota 57501
Phone 605/224-3151

July 27, 1976

Kent & Raymond Zubke
Summit, SD 57263

Dear Sir:

This will acknowledge your letter protesting the Curtis L. Hanssen Water Right Application No. 2662-3. Your objections were considered by the Water Rights Commission; however, the Commission did approve Mr. Hanssen's application with the qualifications to protect existing domestic wells and that a pump test monitored by Commission Staff be conducted prior to placing any irrigation system into operation.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm

Re: 2662-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION

Joe Foss Building, . Pierre, South Dakota 57501

Phone 605/224-3151

July 27, 1976

Mr. Willis Hamman
Summit, SD 57263

Dear Sir:

This will acknowledge your letter protesting the Curtis L. Hanssen Water Right Application No. 2662-3. Your objections were considered by the Water Rights Commission; however, the Commission did approve Mr. Hanssen's application with the qualifications to protect existing domestic wells and that a pump test monitored by Commission Staff be conducted prior to placing any irrigation system into operation.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm

Re: 2662-3

Department of Natural Resource Development

WATER RIGHTS COMMISSION
Joe Foss Building, Pierre, South Dakota 57501
Phone 605/224-3151

July 27, 1976

Calvin & Gilbert Wangen
Summit, SD 57263

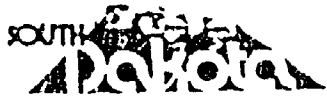
Dear Sir:

This will acknowledge your letter protesting the Curtis L. Hanssen Water Right Application No. 2662-3. Your objections were considered by the Water Rights Commission; however, the Commission did approve Mr. Hanssen's application with the qualifications to protect existing domestic wells and that a pump test monitored by Commission Staff be conducted prior to placing any irrigation system into operation.

Very truly yours,

John Hatch, Chief Engineer
Water Rights Commission

JH:nlm



Department of Water & Natural Resources

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

7-26-3
#446-3
#4649-3

February 17, 1989

Curtis Hanssen
RR 1, Box 103
Summit, SD 57266

Dear Mr. Hanssen:

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;

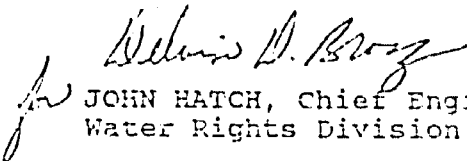


Each of these equipment requirements are discussed more thoroughly in Sections 74:02:09:05 through 74:02:09:10 of the enclosed rules. Appendix A contains diagrams of the arrangements of these anti-pollution devices.

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 HATCH, Chief Engineer
Water Rights Division

2663-3

**Department of
Water & Natural Resources**

Jon Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181
November 2, 1990

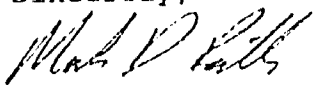
Empire Irrigation Drilling Co.
Box 37
Raymond, SD 57258

Dear Sir:

Our records indicate that Empire Irrigation Drilling Company drilled a well several years ago for Curtis Hanssen of Summit, SD. The well is located in NE1/4 of Section 11-T122N-R52W, I have not been able to find the as complete well log for this production well. I would appreciate it if you would check your files for the well log and then send any information you have concerning this to me.

If you need any additional information feel free to contact me.

Sincerely,



Mark D. Rath
Natural Resources Engineer II
Water Rights Division
(605) 773-3352



DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3181

January 4, 1991

2662-3

Curtis L. Hanssen
RR #1 Box 103
Summit, SD 57266

Dear Mr. Hanssen:

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 No. 2662-3, has been completed. Your final water right document, the Water License, can now be issued.

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

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

Sincerely,

Genny McMath
Natural Resources Analyst
(605) 773-3352

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

By _____
Chief Engineer

RECEIPT

Division of Water Rights
South Dakota Department of Water and Natural Resources

Pierre, _____, 19____

RECEIVED OF _____

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

Fee for Application for Permit No. _____ to Appropriate Water, to construct works 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 _____	
Fee for Filing Extension Request _____	
Fee for Certified Copy of _____	
Fee for Print Copy of Map _____	
Fee for Certifying _____	
Fee for _____ (Any Other Work Provided by Law)	
Total	

Permit No. 2662-3WHEELSTONE CR Water District**Report Of Examination Of Works And/Or Application Of Water To Beneficial Use**

TO: Chief Engineer, Division of Water Rights, DWRN Foss Bldg., Pierre, SD 57501

I have this day made a thorough examination of the water use system constructed by CURTIS L. HANSENholder of
Permit No. 2662-3 bearing the priority of MARCH 3 19 76 authorizingthe diversion of 4.0 cu. ft. per second of the waters of GROUND WATER
for IRRIGATION purposes, in ROBERT'S County.

I have to report on the conditions of the same as follows:

A. Works used to divert the water: A 10" WESTERN LAND ROLLER PUMP
WITH A 900 gpm CAPACITY POWERED BY 75 hp US ELECTRICAL MOTOR.B. Works used to transport water to place of use. 2640' of 8" PVC PIPE.C. Works used to apply water to beneficial use: TWO 1280' LYNDSY CENTER PIVOTS
WITH END GUNSThe system is in the following condition GOODThe point of diversion is located FROM THE NE CORNER OF SECTION 14-T122N-R52W.
1320' SOUTH AND 1310' WEST.The works are capable of diverting and conveying to the place of use 2.00
cu. ft. per second of water which is to be used for IRRIGATION (SE 1/4)Water has been put to beneficial use to the maximum extent as follows: LANDS LOCATED IN SECTION 11-T122N-R52W

<u>NW 1/4 - SE 1/4 - 35 ac</u>	<u>SECTION 14-T122N-R52W</u>	<u>NW 1/4 - NE 1/4 - 33 ac</u>
<u>NE 1/4 - SE 1/4 - 35 ac</u>		<u>NE 1/4 - NE 1/4 - 31 ac</u>
<u>SE 1/4 - SE 1/4 - 35 ac</u>		<u>SE 1/4 - NE 1/4 - 32 ac</u>
<u>SW 1/4 - SE 1/4 - 35 ac</u>		<u>SW 1/4 - NE 1/4 - 31 ac</u>

comprising a total of 267 acres of land and the license should be issued for 2.00 cfsApplicable permit qualifications have been complied with Yes Y NoExceptions to compliance are: NO RECORD OF PUMPING TEST Date 8/29/90
(ALSO NO COMPLAINT RECORD OF COMPLAINTS)Mark D. [Signature]
S. [Signature]

LICENSE FOR PERMIT NUMBER 26623

1. Legal location of wells: FROM THE NE CORNER OF SECTION 14
T122N-R52W, 1320' SOUTH AND 1310' WEST
dams & structures: _____

2. Well Information: Well Drilling Firm EMPIRE WELL DRILLING

Completion Report Yes _____ No X No. of Wells 1 Depth 75' ^{TEST HOLE}
_{LOG ONLY}
Casing a) diameter 16" Screen a) type FIBERGLASS
b) length 35' b) length 40'
c) type FIBERGLASS Static Water Level 80
Pump a) make WESTERN CAPROLLER Motor a) make US ELECTRICAL
b) model _____ b) model No. 365TP
c) size 10" c) horsepower rating 75
d) capacity 900 gpm
e) turbine pump - no. of stages —
f) operating PSI 70

3. Distribution lines or canals

a) size 8"
b) type PVC
c) length 2640'

4. Dam Information:

a) height to crest _____ m) 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 LYNDSEY
- 2) number of towers 10
- 3) distance between towers _____
- 4) overall length 1280
- 5) end gun (Y/N) Y
- 6) high or low pressure H
- 7) make & size of nozzles RAINBOW
- 8) capacity (GPM) 900

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>NO</u>	6. If yes, does equipment comply with chemigation rules?
REMARKS: <u>NO PUMPING TEST DONE. NO RECORD OF COMPLAINTS</u>		

LICENSE FOR PERMIT NUMBER 2662-3 CONTINUED

1. Legal location of wells: _____

dams & structures: _____

2. Well Information: Well Drilling Firm _____

Completion Report Yes ___ No ___ No. of Wells _____ Depth _____

Casing a) diameter _____ Screen a) type _____
b) length _____ b) length _____
c) type _____ Static Water Level _____

Pump a) make _____ Motor a) make _____
b) model _____ b) model No. _____
c) size _____ c) horsepower rating _____
d) capacity _____ gpm
e) turbine pump - no. of stages _____
f) operating PSI _____

3. Distribution lines or canals

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

4. Dam Information:

a) height to crest _____ m) 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 _____

d) center pivot

- 1) make LYMPSEY
- 2) number of towers 2
- 3) distance between towers _____
- 4) overall length 1280
- 5) end gun (Y/N) Y
- 6) high or low pressure H
- 7) make & size of nozzles
RAINBIRD
- 8) capacity (GPM) 900

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
---	---	1. Soil and water permit lands agree with lands being irrigated and lands listed on permit?
---	---	2. Special qualifications to permit being abided by?
---	---	3. All structures, wells and lands on map?
---	---	4. Irrigation Questionnaires checked to determine if permit owner started irrigation by end of construction period?
---	---	5. Is chemigation used?
---	---	6. If yes, does equipment comply with chemigation rules?

REMARKS:

TEST HOLE LOG DRILLER'S LOG OF WELL

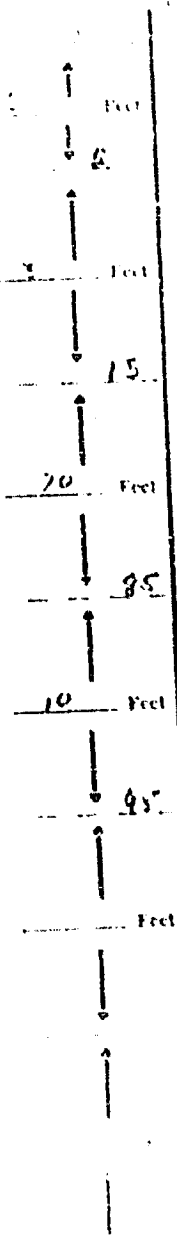
Location of Well

Well No.

Date of Drilling

Drill Well

Drill No.



Drill Log

Drill Log

Drill Log

Drill Log

Drill Log

Drill Log

Drill Log

2662-3

TEST HOLE LOG DRILLER'S LOG OF WELL

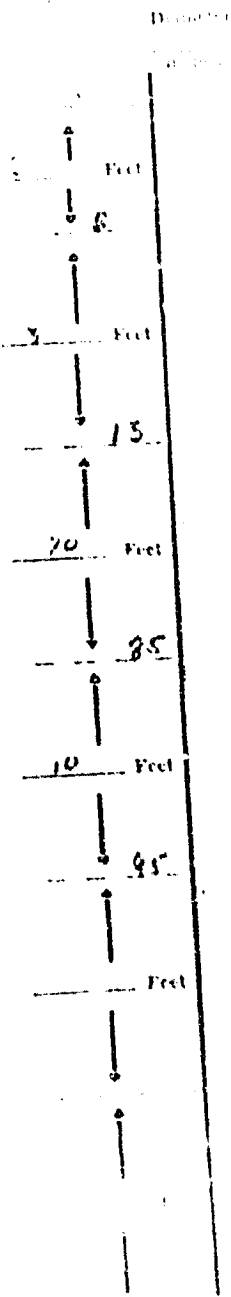
Location of Well

Well Name

Owner's Name

Drill Well - Date

Depth of Well



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STATE OF SOUTH DAKOTA
WATER LICENSE NO. 2662-3

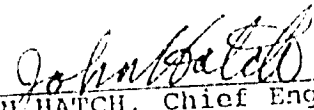
(1) Curtis L. Hanssen of RR 1 Box 103, Summit, SD 57266 made Application No. 2662-3, March 3, 1976 for a water permit to appropriate 4.0 cubic feet of water per second from groundwater, Roberts County, South Dakota for irrigation purposes. Permit No. 2662-3 with a priority date of March 3, 1976 was approved July 22, 1976 and issued to applicant(s) for diversion of water with construction of the described water supply system to be completed on or before July 22, 1979 and for the application to beneficial use of said water on or before July 22, 1981.

(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 2.0 cubic feet of water per second for beneficial use. The location of the diversion point is: 1320'S and 1310'W of the NE corner Section 14, T122N, R52W (NE1/4 NE1/4).

(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:

T122N, R52W Section 11	NW1/4 SE1/4	35	acres
	NE1/4 SE1/4	35	"
	SE1/4 SE1/4	35	"
	SW1/4 SE1/4	35	"
Section 14	NW1/4 NE1/4	33	"
	NE1/4 NE1/4	31	"
	SE1/4 NE1/4	32	"
	SW1/4 NE1/4	31	"
Total		267	acres

(4) Pursuant to Section 46-5-30.1 Curtis L. Hanssen of RR1 Box 103, Summit, SD 57266 the holder(s) and/or owner(s) of Water Permit No. 2662-3 is issued a license to appropriate water, the right to use 2.00 cubic feet of water per second from groundwater (one well) with a priority date of March 3, 1976 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. 2662-3 and subject to South Dakota State Law.


JOHN HATCH, Chief Engineer
Water Rights Division
Department of Water and Natural
Resources

MAR 26 1981



DEPARTMENT OF WATER & NATURAL RESOURCES
Joe Foss Building
523 East Capitol
Pierre, South Dakota 57501-3131

GREAT FACES. GREAT PLACES.

MAR 26 1991

2662-3

Curtis L. Hanssen
RR 1 Box 103
Summit, SD 57266

Dear Mr. Hanssen:

Enclosed is Water License No. 2662-3. This is the final water right document completing your process of obtaining a Water Right. Enclosed is Receipt No. 412486 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. 2662-3, 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

Conservation Plan Map
Roberts Conservation District
Curtis L. Hanssen
Roberts County, South Dakota
Date prepared 2-26-76
8" = 1 mi scale 320 Acres

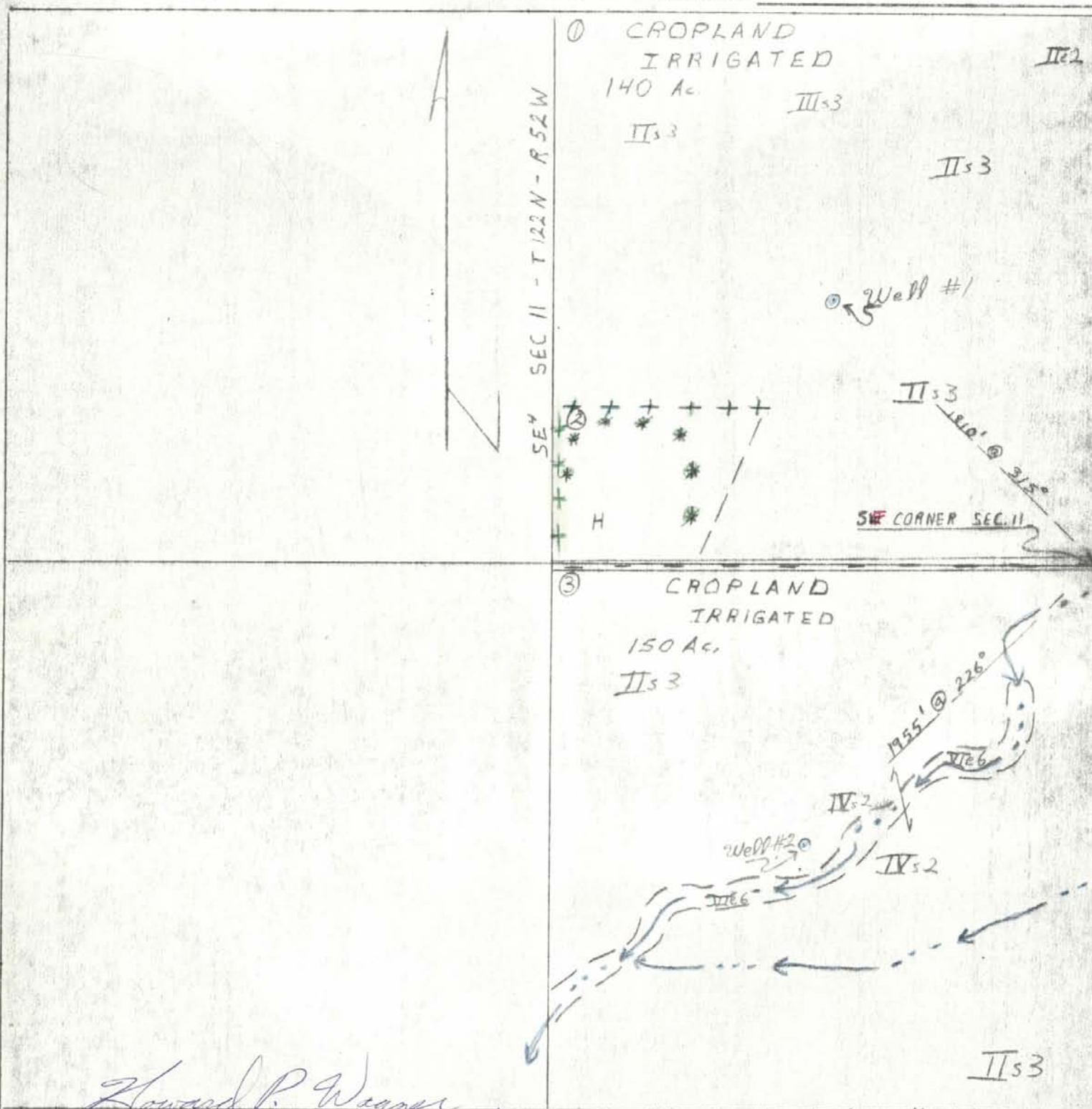
Owner Curtis L. Hanssen

Farm No. _____ Total Acres 320

Cropland 290 NCOP 30

Photo No. _____

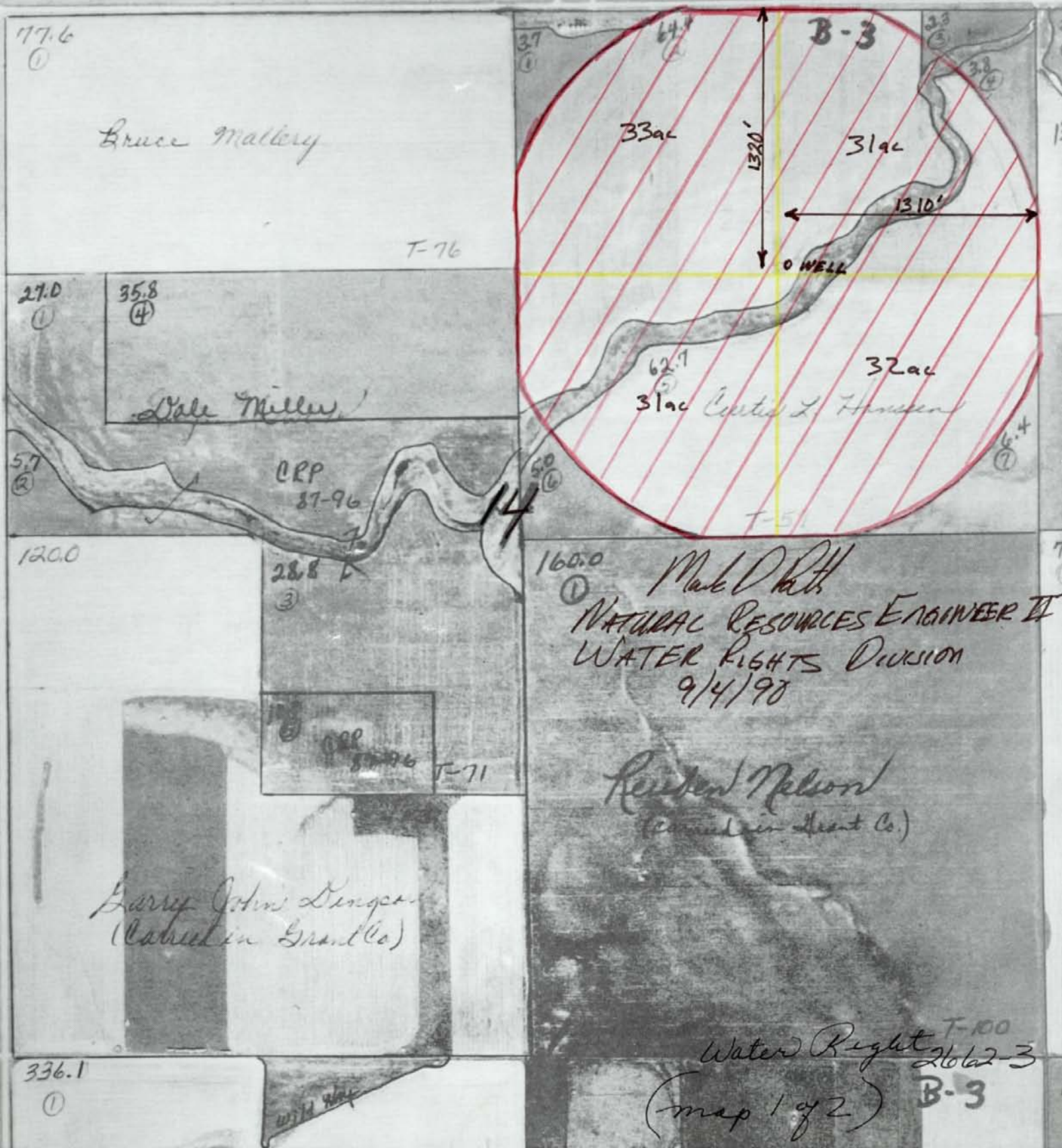
MAP NO. 28-3 APP. NO. 2662-3



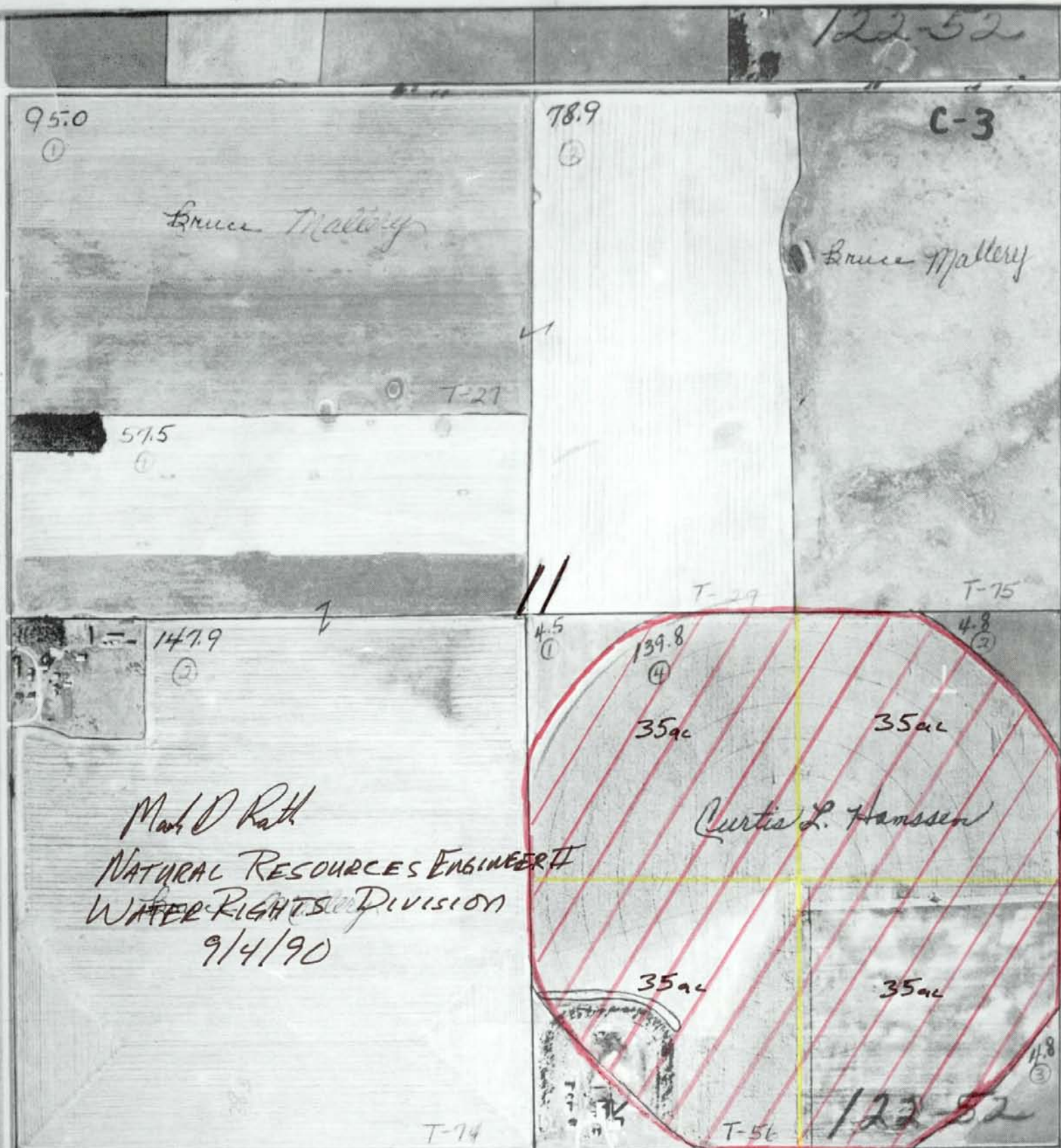
Howard P. Wagner
District Conservationist

2662-5

NOT TO SCALE



NOT TO SCALE





2662-3

**DEPARTMENT of ENVIRONMENT
and NATURAL RESOURCES**

PMB 2020
JOE FOSS BUILDING
523 EAST CAPITOL
PIERRE, SOUTH DAKOTA 57501-3182
www.state.sd.us/denr

February 23, 2006

2662-3
4649-3

Jim Wohlleber
1305 N Broadway
Watertown SD 57201

Dear Mr. Wohlleber:

I am contacting you in regard to your request for information on Water Right Nos. 2662-3 and 4649-3, listed in the name of Curtis Hanssen. Enclosed are copies of the water rights and maps for your review.

During our conversation, you indicated you were considering purchasing the property and wanted to know if the water rights were valid. As a staff person, I do not have the authority to tell you one way or the other if a water right is valid. I can tell you what our files have in them relative to whether or not the land has been irrigated. I have included a printout of water use for each permit from 1983 through 2004. The years from 1998 through the present are years the land was, and still is, in CRP. There were other periods of non-use, mainly under Water Right No. 4649-3, and I wrote in whatever comments were made on the irrigation questionnaires.

You will note that in a few of the years, a reason for not irrigating was not given. South Dakota experienced a very wet cycle in the early 90's which may account for the non-irrigation during that time frame. In 1988, the land was enrolled in the "0-92" program which we would consider the same as a CRP Program.

In South Dakota, maintaining a water right requires the holder to use water for the purpose it was appropriated at least once every three years, unless legal excuse exists. I am enclosing excerpts of the water laws and Water Management Board Rules dealing with these issues.

From our view point, nothing in the files raises a red flag concerning Water Right Nos. 2662-3 and 4649-3. The only way to be certain if a water right is valid or not is to petition the Board to make a ruling on the issue.

I hope I have addressed your concerns. If I can answer any other questions, please contact me.

Sincerely,

Genny McMath
Environmental Scientist
Water Rights Program
(605) 773-3352
email: genny.mcmath@state.sd.us

enclosures

Reported Water Use

02/23/2006

Permit No	Year	Name	Not Irrig	Not Constr
2662-3	1983	CURTIS LHANSEN		
2662-3	1984	CURTISHANSEN		
2662-3	1985	CURTISHANSEN		
2662-3	1986	CURTISHANSEN	X	
2662-3	1987	CURTISHANSEN		
2662-3	1988	CURTISHANSEN		
2662-3	1989	CURTISHANSEN		
2662-3	1990	CURTISHANSEN		
2662-3	1991	CURTISHANSEN		
2662-3	1992	CURTISHANSEN		
2662-3	1993	CURTISHANSEN		
2662-3	1994	CURTISHANSEN <i>no reason given</i>	X	
2662-3	1995	CURTISHANSEN		
2662-3	1996	CURTISHANSEN		
2662-3	1997	CURTISHANSEN		
2662-3	1998	CURTISHANSEN		
2662-3	1999	CURTISHANSEN		
2662-3	2000	CURTISHANSEN	X	
2662-3	2001	CURTISHANSEN	X	
2662-3	2002	CURTISHANSEN	X	
2662-3	2003	CURTISHANSEN	X	
2662-3	2004	CURTISHANSEN	X	

File No. 4649-3

2662-3

WATER RIGHTS PROGRAM -- FILE DOCUMENTATION

NAME & ADDRESS: Curt Hanssen, 45354 140th St, Summit SD 57266

DATE: June 29, 2009

TELEPHONE: 605 398-6363

RE: Status of CRP land for Water Right Nos. 2662-3 and 4649-3

COMMENTS:

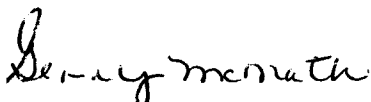
The land described in Mr. Hanssen's water rights (2662-3 and 4649-3) has been in CRP since 1998. I called to find out whether or not the land had been re-enrolled or if it is eligible for irrigation this year.

Mr. Hanssen indicated the land in Section 15, T122N, R52W authorized by Water Right No. 4649-3 will be in CRP through 2012.

- *Do not mail irrigation questionnaire until 2013*

The land described in Sections 11 and 14, T122N, R52W authorized by Water Right No. 2662-3 is out of CRP and he will irrigate this fall or next spring.

- *Begin mailing irrigation questionnaire in October, 2009*



Genny McMath
Water Rights Program

2662-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

December 29, 2022

2662-3
4649-3

Chase O'Farrell & Josh Wohlleber
45859 461st Ave
South Shore SD 57263

Dear Sirs:

I am writing in follow-up to my conversation with Chase concerning the need for an ownership change for Water Right Nos. 2662-3 and 4649-3. Both water rights are currently listed under Curtis Hanssen.

Enclosed are partially completed "Notice of Transfer of Ownership" forms for use in filing the ownership change. Please review and complete as needed. Upon completion, please sign and return the forms to our office with a required filing fee of \$50 each (total of \$100). The check or money order for the fee can be made payable to the Water Rights Program.

I have included a copy of both water rights, the maps, and inspection reports for you to keep. If I can answer any questions for you, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

2662-3

RECEIPT**WATER RIGHTS PROGRAM**

South Dakota Department of Agriculture and Natural Resources

Date January 9, 2023RECEIVED OF Josh Wohlleber 14959 461st Ave., South Shore SD 57263

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>2662-3</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

NOTICE OF TRANSFER OF OWNERSHIP

PAID

JAN 9 2022

Ck# 5131

Rec't#

2662-3

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

RECEIVED

No.

JAN 09 2023

Date:

1-4-23

OFFICE OF
WATER

I/We request that Water Right No. 2662-3

formerly owned by: Curtis Hanssen

be transferred to: (name & address)

Josh Wohleber & Chase O'Farrell
14959 461st Ave South Shore, SD 57263

Telephone No.

605-881-0396
605-881-8535

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

267 acres - SE 1/4 Section 11 and NE 1/4 Section 14, T122N, R52W

I/We understand that the validity of Water Right No. 2662-3 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

Josh & Chase

, the new owner, certify that the above information is true and correct.

Chase O'Farrell
Josh Wohleber

(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.

2662-3



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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

January 11, 2023

2662-3
4649-3

Josh Wohlleber &
Chase O'Farrell
14959 461st Ave
South Shore SD 57263

Dear Sirs:

I am writing to acknowledge receipt of the transfer forms and filing fees you submitted for filing ownership changes on Water Right Nos. 2662-3 and 4649-3.

The ownership changes have been completed. The water rights formerly held by Curtis Hanssen are now listed under both of your names.

Enclosed for your records are receipts for the filing fees. If you have any questions, please let me know.

Sincerely,

Genny McMath
Water Rights Program
605 773-3352
Genny.mcmath@state.sd.us

enclosures